

**Rector,
Conf.univ.dr.ing. Florin DRĂGAN**

FLORIN DRĂGAN Digitally signed
by FLORIN
DRĂGAN

Numele capitolului	Pagini
4.3. Vizibilitate și impact al lucrărilor publicate	1 - 1007
Numărul de citări acumulate de UPT în perioada supusă evaluării în Web of Science	2 - 3
Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS	4 - 853
Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE	854 - 1006
Numărul de citări acumulate de UPT în perioada supusă evaluării pentru științe umaniste, Arts & Humanities Citation Index, în reviste indexate CNCS (A sau B) și cărți	1007

4.3. Vizibilitate și impact al lucrărilor publicate

Lucrari din:	Perioada in care au fost acumulate citarile:				
	2020	2021	2022	2023	2024
WOS	7,647	9,386	10,942	10,379	11,493
SCOPUS	12,485	14,521	16,156	18,053	20,272
IEEE	1,522	391	563	384	113
CNCS (A sau B)	203	197	195	294	281
carti non WOS	25	18	8	11	17

Numărul de citări acumulate de UPT în perioada supusă evaluării în Web of Science

Citări lucrări publicate de autori cu afiliere UPT in Web of Science

[Universitatea Politehnica Timisoara \(Affiliation\) and 1975-2025 = 1975-2019 \(Year Published\) Publications 8,901](#)

[+ Universitatea Politehnica Timisoara \(Affiliation\) and 2020-2025 \(Year Published\) Publications 2,790](#)

8,901 Publications + 2,790 PublicationsBottom of Form	Citations						Average per year	Total din 1975
	2020	2021	2022	2023	2024			
Total	7,647	9,386	10,942	10,379	11,493	487	97,913	

Citation Report

[Universitatea Politehnica Timisoara \(Affiliation\) and 1975-2019 \(Year Published\) Publications 8,901](#)

8,901 Publications Bottom of Form	Citations						Average per year	Total din 1975
	2020	2021	2022	2023	2024			
Total	7,335	7,719	7,318	5,953	5,750	385.98	77,581	

[Universitatea Politehnica Timisoara \(Affiliation\) and 2020-2025 \(Year Published\) Publications 2,790](#)

2,790 Publications Bottom of Form	Citations						
						Average per year	Total din 1975
	2020	2021	2022	2023	2024		
Total	312	1,667	3,624	4,426	5,743	101.15	20,332

Citation Report

Universitatea Politehnica Timisoara (Affiliation) and **1975-2019** (Year Published)

Publications

[8,901 Total](#)

Total

From 1975 to 2025

Citing Articles

[59,339Analyze](#)

Total

[55,735Analyze](#)

Without self-citations

Times Cited

77,581 Times Cited Total.

Total

68,551 Times Cited Without self-citations.

Without self-citations

8.72 Average per item.

Numărul de citări acumulate de UPT în perioada supusă evaluării în Web of Science

Average per item 96
H-Index

Citation Report

Universitatea Politehnica Timisoara (Affiliation) and 2020-2025 (Year Published)

Publications

[2,790 Total](#)

Total

From 1975 to 2025

Citing Articles

17,547Analyze

Total

16,482Analyze

Without self-citations

Times Cited

20,332 Times Cited Total.

Total

18,152 Times Cited Without self-citations.

Without self-citations

7.29 Average per item.

Average per item 57

H-Index

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Citări lucrări publicate de autori cu afiliere UPT in SCOPUS												
Lucrari publicate anterior anului 2020		This is a citation overview for a set of 6902 documents.							cautare SCOPUS, criterii : Politehnica Timisoara, anii: 1996-2020			
		h-index = 136 (Of the 6902 documents considered for the h-index, 136 have been cited at least 136 times.)										
		and										
Lucrari publicate in perioada 2020-2024		This is a citation overview for a set of 2438 documents.							cautare SCOPUS, criterii : Politehnica Timisoara, anii: 2019-2025			
		h-index = 78 (Of the 2438 documents considered for the h-index, 78 have been cited at least 78 times.)										
				CITARI SCOPUS UPT			12,485	14,521	16,156	18,053	20,272	
	Publication Year	Document Title	ISSN	Journal Title		Volume	Issue	11,946	11,809	10,925	10,333	9,337
	Publication Year	Document Title	ISSN	Journal Title		Volume	Issue	539	2,712	5,231	7,720	10,935
Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1	2024	Calibration of NO, SO2, and PM using Airify: A low-cost sensor cluster for air quality monitoring	13522310	Atmospheric Environment	339		0	0	0	0	0	
2		Wall sandwich panels with steel facings and PUR foam core under transverse loading: Experimental testing and numerical model calibration	1410296	Engineering Structures	321		0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3	2024	CT-Guided Transthoracic Core-Needle Biopsy of Pulmonary Nodules: Current Practices, Efficacy, and Safety Considerations	20770383	Journal of Clinical Medicine	13	23	0	0	0	0	0
4	2024	METAHEURISTIC-BASED TUNING OF PROPORTIONAL-DERIVATIVE LEARNING RULES FOR PROPORTIONAL-INTEGRAL FUZZY CONTROLLERS IN TOWER CRANE SYSTEM PAYLOAD POSITION CONTROL	3542025	Facta Universitatis Series Mechanical Engineering	22	4	0	0	0	0	0
5	2024	Prediction of the Specific Energy of Supercapacitors with Polymeric Materials Using Advanced Molecular Dynamics Simulations	20734360	Polymers	16	23	0	0	0	0	0
6	2024	Power system frequency and rate-of-change of frequency measurement under steady-state and dynamic conditions by means of electronic instruments	0237028X	Acta Imeko	13	4	0	0	0	0	1
7	2024	Are ChatGPT-Generated Headlines Better Attention Grabbers than Human-Authored Ones? An Assessment of Salient Features Driving Engagement with Online Media	26735172	Journalism and Media	5	4	0	0	0	0	0
8	2024	Optimal Synthesis of Five-Bar Linkage Based on Singularity-Free Workspaces with Predefined Shapes	22186581	Robotics	13	12	0	0	0	0	0
9	2024	Unveiling the Dynamics of Antimicrobial Resistance: A Year-Long Surveillance (2023) at the Largest Infectious Disease Profile Hospital in Western Romania	20796382	Antibiotics	13	12	0	0	0	0	0
10	2024	Feasibility Study of the Seven-Bar Linkage 7-PR(RRRR)RP Used for Medical Disinfection Robot	22186581	Robotics	13	12	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
21	2024	Inhibitory Effects and Composition Analysis of Romanian Propolis: Applications in Organic and Sustainable Agriculture	22237747	Plants	13	23	0	0	0	0	0
22	2024	Unidirectional Communications in Secure IoT Systems—A Survey	14248220	Sensors	24	23	0	0	0	0	0
23	2024	Synthesis and Characterization of Acrylic Resin/Kaolin Composites for Dielectric Applications	20734360	Polymers	16	23	0	0	0	0	0
24	2024	Rosuvastatin Attenuates Vascular Dysfunction Induced by High-Fructose Diets and Allergic Asthma in Rats	20726643	Nutrients	16	23	0	0	0	0	0
25	2024	A New Inclusion on Inequalities of the Hermite—Hadamard—Mercer Type for Three-Times Differentiable Functions	22277390	Mathematics	12	23	0	0	0	0	0
26	2024	Efficient biotransformation of biobased raw materials into novel polyesters/polyesteramides; comparative investigation of enzymatic synthesis of block and random copolymers and terpolymers	1418130	International Journal of Biological Macromolecules	282		0	0	0	0	0
27	2024	Measurement and performance evaluation of triple band differential integrated extraoral rectifying antenna for data transfer and RF energy harvesting for tongue drive system	20452322	Scientific Reports	14	1	0	0	0	0	0
28	2024	Hardfacing of GX40CrNiSi25-20 cast stainless steel with an austenitic manganese steel electrode	255300	Materialprüfung Materials Testing	66	12	0	0	0	0	0
29	2024	An Investigation of the Effects of Flame Straightening Heating on the High-Strength Structural Steels Microstructure	21929262	Metallography Microstructure and Analysis	13	6	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
30	2024	Offshore renewable energies: A review towards Floating Modular Energy Islandsâ€™Monitoring, Loads, Modelling and Control	298018	Ocean Engineering	313		0	0	0	0	0	
31	2024	Review: Recent Developments in the Implementation of Activated Carbon as Heavy Metal Removal Management	23663340	Water Conservation Science and Engineering	9	2	0	0	0	0	1	
32	2024	Conjointly active and passive modelings with deep neural networks as fully automated optimizations for upper-mid band 6G communications	20452322	Scientific Reports	14	1	0	0	0	0	0	
33	2024	OSSEFS: An online semi-supervised ensemble fuzzy system for data streams learning with missing values	9574174	Expert Systems with Applications	255		0	0	0	0	2	
34	2024	Finite element analysis of the mechanical behavior of 3D printed orthodontic attachments used in aligner treatment	20452322	Scientific Reports	14	1	0	0	0	0	0	
35	2024	Blockchain integration for in-vehicle CAN bus intrusion detection systems with ISO/SAE 21434 compliant reporting	20452322	Scientific Reports	14	1	0	0	0	0	2	
36	2024	Deep Generative Models for Fast Photon Shower Simulation in ATLAS	25102044	Computing and Software for Big Science	8	1	0	0	0	0	9	
37	2024	AI-Assisted Application for Pediatric Drug Dosing	9269630	Studies in Health Technology and Informatics	321		0	0	0	0	0	
38	2024	REAL-VALUED DAMPED SINUSOID PARAMETER ESTIMATION USING A THREE-POINT INTERPOLATED DISCRETE FOURIER TRANSFORM ALGORITHM	354066	Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique	69	4	0	0	0	0	0	
39	2024	Experimental Studies of Schiff Base (E)-4-Methoxy-2-(((2-Phenoxyphenyl)Imino)-Methyl) Phenol Compound with Various Spectroscopic Methods	224766	Journal of Structural Chemistry	65	11	0	0	0	0	0	
40	2024	In Situ Synthesis of NPC-Cu2O/CuO/rGO Composite via Dealloying and Microwave-Assisted Hydrothermal Technique	20734352	Crystals	14	11	0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
41	2024	Evaluation of the In Vitro Behavior of Electrochemically Deposited Plate-like Crystal Hydroxyapatite Coatings	23137673	Biomimetics	9	11	0	0	0	0	0
42	2024	Green Synthesis of Zinc Oxide Nanoparticles Using Puerarin: Characterization, Antimicrobial Potential, Angiogenesis, and In Ovo Safety Profile Assessment	19994923	Pharmaceutics	16	11	0	0	0	0	0
43	2024	Design of High-Performance Electrospun Membranes for Protective Clothing Applications	20770375	Membranes	14	11	0	0	0	0	0
44	2024	Beyond Essential Oils: Diterpenes, Lignans, and Biflavonoids from Juniperus communis L. as a Source of Multi-Target Lead Compounds	22237747	Plants	13	22	0	0	0	0	0
45	2024	Impact of Gut Microbiome Interventions on Glucose and Lipid Metabolism in Metabolic Diseases: A Systematic Review and Meta-Analysis	20751729	Life	14	11	0	0	0	0	0
46	2024	CMV Retinitis in the Context of SARS-CoV-2 Infection: A Case Study and Comprehensive Review of Viral Interactions	20760817	Pathogens	13	11	0	0	0	0	0
47	2024	A Systematic Review: Quercetinâ€™Secondary Metabolite of the Flavonol Class, with Multiple Health Benefits and Low Bioavailability	16616596	International Journal of Molecular Sciences	25	22	0	0	0	0	0
48	2024	Blending Tradition and Innovation: Student Opinions on Modern Anatomy Education	22277102	Education Sciences	14	11	0	0	0	0	0
49	2024	Impact of hBN Content on the Tribological Behavior and Thermal Diffusivity of HVOF-Sprayed Cr3C2-NiCr Coatings	19961944	Materials	17	22	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
50	2024	DC-DC Buck Converters with Quasi-Online Estimation of Filter Capacitor Equivalent Parameters	20763417	Applied Sciences Switzerland	14	22	0	0	0	0	0
51	2024	A Multifaceted Exploration of Status Asthmaticus: A Retrospective Analysis in a Romanian Hospital	20770383	Journal of Clinical Medicine	13	21	0	0	0	0	0
52	2024	COVID-19 and Its Potential Impact on Children Born to Mothers Infected During Pregnancy: A Comprehensive Review	20754418	Diagnostics	14	21	0	0	0	0	1
53	2024	Compressive behavior of additively manufactured lightweight structures: Infill density optimization based on energy absorption diagrams	22387854	Journal of Materials Research and Technology	33		0	0	0	0	0
54	2024	A review on progress trends of machining of Carbon Fiber Reinforced Plastics	22387854	Journal of Materials Research and Technology	33		0	0	0	0	1
55	2024	Sex-related differences concerning the profile and evolution of cardiovascular complications in patients with post-acute COVID-19 syndrome	243205	Life Sciences	356		0	0	0	0	2
56	2024	Antimicrobial Activity of Honey and Propolis from Alba County, Romania	20796382	Antibiotics	13	10	0	0	0	0	0
57	2024	On Extended Class of Totally Ordered Interval-Valued Convex Stochastic Processes and Applications	25043110	Fractal and Fractional	8	10	0	0	0	0	0
58	2024	Spectra Analysis and Plants Research 2.0	22237747	Plants	13	20	0	0	0	0	0
59	2024	Cardiovascular Risk Factors as Independent Predictors of Diabetic Retinopathy in Type II Diabetes Mellitus: The Development of a Predictive Model	1010660X	Medicina Lithuania	60	10	0	0	0	0	0
60	2024	Effectiveness of Combined Pulmonary Rehabilitation and Progressive Muscle Relaxation in Treating Long-Term COVID-19 Symptoms: A Randomized Controlled Trial	20770383	Journal of Clinical Medicine	13	20	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
61	2024	Surface Integrity of Austenitic Manganese Alloys Hard Layers after Cavitation Erosion	20754442	Lubricants	12	10	0	0	0	0	0
62	2024	The Diagnostic Value of bpMRI in Prostate Cancer: Benefits and Limitations Compared to mpMRI	23065354	Bioengineering	11	10	0	0	0	0	0
63	2024	Enhancing Syslog Message Security and Reliability over Unidirectional Fiber Optics	14248220	Sensors	24	20	0	0	0	0	0
64	2024	Prediction of Flotation Deinking Performance: A Comparative Analysis of Machine Learning Techniques	20763417	Applied Sciences Switzerland	14	19	0	0	0	0	0
65	2024	Empowering healthcare education: A multilingual ontology for medical informatics and digital health (MIMO) integrated to artificial intelligence powered training in smart hospitals	14604582	Health Informatics Journal	30	4	0	0	0	0	0
66	2024	Mechanical evaluation of recycled PETG filament for 3D printing	19718993	Frattura Ed Integrita Strutturale	18	70	0	0	0	0	0
67	2024	Frequency and damping factor estimation of real-valued damped sinusoids by means of an improved two-point Interpolated DFT algorithm	10512004	Digital Signal Processing A Review Journal	153		0	0	0	0	1
68	2024	Mitigating data inaccuracy and supply chain challenges in Western Romania's automotive industry	13395629	Acta Logistica	11	3	0	0	0	0	0
69	2024	Experimental Device for the “Green” Synthesis of Unbranched Aliphatic Esters C4–C8 Using an Audio Frequency Electric Field	22279717	Processes	12	9	0	0	0	0	1
70	2024	Optimal Knowledge Distillation through Non-Heuristic Control of Dark Knowledge	25044990	Machine Learning and Knowledge Extraction	6	3	0	0	0	0	0
71	2024	Monitoring and Predicting Air Quality with IoT Devices	22279717	Processes	12	9	0	0	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
72	2024	Surface and Mineral Changes of Primary Enamel after Laser Diode Irradiation and Application of Remineralization Agents: A Comparative In Vitro Study	22279067	Children	11	9	0	0	0	0	1
73	2024	Road Fatalities in Children Aged 0-17: Epidemiological Data and Forensic Aspects on a Series of Cases in a Single-Centre in Romania	22279067	Children	11	9	0	0	0	0	1
74	2024	A Survey of Blockchain Applicability, Challenges, and Key Threats	2073431X	Computers	13	9	0	0	0	0	0
75	2024	Retinal Imaging-Based Oculomics: Artificial Intelligence as a Tool in the Diagnosis of Cardiovascular and Metabolic Diseases	22279059	Biomedicines	12	9	0	0	0	0	2
76	2024	Thyroid Eye Disease and Glaucoma: A Cross-Sectional Study Comparing Clinical Characteristics and Disease Severity	1010660X	Medicina Lithuania	60	9	0	0	0	0	7
77	2024	Cardiovascular Risk Factors in Socioeconomically Disadvantaged Populations in a Suburb of the Largest City in Western Romania	22279059	Biomedicines	12	9	0	0	0	0	1
78	2024	Behaviour of Dissimilar Welded Connections of Mild Carbon (S235), Stainless (1.4404), and High-Strength (S690) Steels under Monotonic and Cyclic Loading	20754701	Metals	14	9	0	0	0	0	0
79	2024	A Spatial Agent-Based Model for Studying the Effect of Human Mobility Patterns on Epidemic Outbreaks in Urban Areas	22277390	Mathematics	12	17	0	0	0	0	0
80	2024	Experimental Investigation of a Water-Air Heat Recovery System	20711050	Sustainability Switzerland	16	17	0	0	0	0	0
81	2024	Ultrasonic Cavitation Erosion Behavior of GX40CrNiSi25-20 Cast Stainless Steel through Yb-YAG Surface Remelting	19961944	Materials	17	17	0	0	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
82	2024	Exploring the Role of Robots and Artificial Intelligence in Advancing Renewable Energy Consumption	19961073	Energies	17	17	0	0	0	0	1	
83	2024	Synthesis of Some Eco-Friendly Materials for Gold Recovery	20734360	Polymers	16	17	0	0	0	0	0	
84	2024	Novel Aromatic Estolide Esters from Biobased Resources by a Green Synthetic Approach	20763417	Applied Sciences Switzerland	14	17	0	0	0	0	0	
85	2024	BERLib: A Basic Encoding Rules implementation	26659638	Software Impacts	21		0	0	0	0	1	
86	2024	Driving Towards Sustainable Transportation Systems: A bottom-up Traffic Modal Choices Analysis Using Responsible Management for Future Development Planning	3535320	Promet Traffic and Transportation	36	4	0	0	0	0	0	
87	2024	Explaining Deep Learning Models Applied in Histopathology: Current Developments and the Path to Sustainability	9269630	Studies in Health Technology and Informatics	316		0	0	0	0	0	
88	2024	Speech Emotion Recognition Using openSMILE and GPT 3.5 Transformer	9269630	Studies in Health Technology and Informatics	316		0	0	0	0	0	
89	2024	Exploring the tendency of Brownian agglomeration in polydispersed systems of solid atmospheric aerosols	10706631	Physics of Fluids	36	8	0	0	0	0	0	
90	2024	Integration of Legacy Industrial Equipment in a Building-Management System Industry 5.0 Scenario	20799292	Electronics Switzerland	13	16	0	0	0	0	2	
91	2024	The Impact of High-Fructose Diet and Co-Sensitization to House Dust Mites and Ragweed Pollen on the Modulation of Airway Reactivity and Serum Biomarkers in Rats	16616596	International Journal of Molecular Sciences	25	16	0	0	0	0	1	
92	2024	Human Ocular Toxoplasmosis in Romania: History, Epidemiology, and Public Health: A Narrative Review	20762607	Microorganisms	12	8	0	0	0	0	5	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
93	2024	Enhancing Sustainability in University Campuses: A Study on Solid Waste Generation and Disposal Practices among Students in Politehnica University Timisoara, Romania	20711050	Sustainability Switzerland	16	16	0	0	0	0	1
94	2024	Emerging Therapeutic Approaches and Genetic Insights in Stargardt Disease: A Comprehensive Review	16616596	International Journal of Molecular Sciences	25	16	0	0	0	0	5
95	2024	Investigating School Principals' Burnout: A Cross-Cultural Perspective on Stress, Sustainability, and Organizational Climate	20711050	Sustainability Switzerland	16	16	0	0	0	0	0
96	2024	Dependability Assessment of a Dual-Axis Solar Tracking Prototype Using a Maintenance-Oriented Metric System	25715577	Applied System Innovation	7	4	0	0	0	0	1
97	2024	Use of a Micronutrient Cocktail to Improve Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) in Adults with Obesity: A Randomized, Double-Blinded Pilot Clinical Trial	1010660X	Medicina Lithuania	60	8	0	0	0	0	0
98	2024	Adaptive Adjustments in Lower Limb Muscle Coordination during Single-Leg Landing Tasks in Latin Dancers	23137673	Biomimetics	9	8	0	0	0	0	1
99	2024	Intelligent Biopolymer-Based Films: Promising New Solutions for Food Packaging Applications	20734360	Polymers	16	16	0	0	0	0	1
100	2024	Copper Ion Removal by Adsorption Using Fly Ash-Based Geopolymers: Process Optimization Insights from Taguchi and ANOVA Statistical Methods	19961944	Materials	17	16	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
101	2024	Dynamic Analysis of a Uniform Microbeam Resting on a Nonlinear Foundation Considering Its Curvature Subjected to a Mechanical Impact and Electromagnetic Actuation	2072666X	Micromachines	15	8	0	0	0	0	0
102	2024	Design and performance investigation of metamaterial-inspired dual band antenna for WBAN applications	19326203	Plos One	19	08-Aug	0	0	0	0	0
103	2024	Optimal Passive Power Line Communication Filter for NB-PLC Applications	20799292	Electronics Switzerland	13	15	0	0	0	0	0
104	2024	A Compact Wearable Textile Antenna for NB-IoT and ISM Band Patient Tracking Applications	14248220	Sensors	24	15	0	0	0	0	2
105	2024	Unlocking Business Value: Integrating AI-Driven Decision-Making in Financial Reporting Systems	20799292	Electronics Switzerland	13	15	0	0	0	0	1
106	2024	Near-infrared reflective coatings based on red-brown Ce1-xPrxO2 pigments	23529407	Applied Materials Today	39		0	0	0	0	0
107	2024	Tensile, flexural and fracture properties of MEX-printed PLA-based composites	1678442	Theoretical and Applied Fracture Mechanics	132		0	0	0	0	4
108	2024	A new approach for fracture process zone evaluation	1678442	Theoretical and Applied Fracture Mechanics	132		0	0	0	0	0
109	2024	High magnetization composite magnetic fluid: structure, magnetorheology and new sealing mechanism in rotating seals	1744683X	Soft Matter	20	31	0	0	0	0	0
110	2024	Lipase-catalysed esterification in a reactive natural deep eutectic solvent leads to lauroylcholine chloride rather than glucose ester	20589883	Reaction Chemistry and Engineering	9	10	0	0	0	0	0
111	2024	The Role of Reactive Natural Deep Eutectic Solvents in Sustainable Biocatalysis	18673880	Chemcatchem	16	13	0	0	0	0	3

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
112	2024	Correction: Aphid adaptation in a changing environment through their bacterial endosymbionts: an overview, including a new major cereal pest (Rhopalosiphum maidis (Fitch) scenario (Symbiosis, (2024), 93, 2, (139-152), 10.1007/s13199-024-00999-z)	3345114	Symbiosis	93	3	0	0	0	0	0
113	2024	Dentigerous Cysts in Children: Clinical, Radiological, and Healing Aspects	1010660X	Medicina Lithuania	60	7	0	0	0	0	0
114	2024	Fabrication of Cu2O/CuO Nanowires by One-Step Thermal Oxidation of Flexible Copper Mesh for Supercapacitor Applications	23130105	Batteries	10	7	0	0	0	0	1
115	2024	Impact of the Different Molecular Weights of Polyethylene Glycol (PEG) Coating Agents on the Magnetic Targeting Characteristics of Functionalized Magnetoresponse Nanoclusters	23127481	Magnetochemistry	10	7	0	0	0	0	0
116	2024	Microstructure, Hardness and EIS Evaluation of Ti-15Zr-5Nb Dental Alloy	20734352	Crystals	14	7	0	0	0	0	1
117	2024	Synthesis and characterization of multi-walled carbon nanotube-reinforced Tiâ€Mg alloy prepared by mechanical alloying and microwave sintering	22387854	Journal of Materials Research and Technology	31		0	0	0	0	0
118	2024	Stability and synchronization of octonion-valued neural networks with leakage and mixed delays on time scales	22383603	Computational and Applied Mathematics	43	5	0	0	0	0	0
119	2024	Analysis of Thermal Rehabilitation and Seismic Strengthening Solutions Suitable for Heritage Structures	20711050	Sustainability Switzerland	16	13	0	0	0	0	1
120	2024	Generalized multi-point interpolated DTFT frequency and damping factor estimators of real-valued damped sinusoids	2632241	Measurement Journal of the International Measurement Confederation	234		0	0	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
121	2024	Adaptive reinforcement learning-based control using proximal policy optimization and slime mould algorithm with experimental tower crane system validation	15684946	Applied Soft Computing	160		0	0	0	0	2
122	2024	Behavior of steel liner tray walls under external blast: Experimental testing and numerical simulations	1410296	Engineering Structures	310		0	0	0	0	2
123	2024	Complex-Valued Noisy Sinewaves Frequency Estimator Based on DTFT Linearization and Interpolation	0278081X	Circuits Systems and Signal Processing	43	7	0	0	0	0	0
124	2024	Low-cycle compression-compression fatigue behavior of MEX-printed PLA parts	13506307	Engineering Failure Analysis	161		0	0	0	0	3
125	2024	Influence of density and loading speed on static and impact properties of closed-cell metallic foams	13506307	Engineering Failure Analysis	161		0	0	0	0	0
126	2024	Synthesis, characterization and applications of poly(styrene-co-divinylbenzene) functionalized with aminophosphinic acid pendant groups as high-performance adsorbents for acetylsalicylic acid	1700839	Polymer Bulletin	81	10	0	0	0	0	0
127	2024	An Analytical Investigation of the Human Vocal Fold Oscillation Using a Mucosal Wave Model	0094243X	Aip Conference Proceedings	3094	1	0	0	0	0	1
128	2024	An Approximate Solution in the Nonlinear Dynamics of an Electromagnetically-Actuated Cantilever Beam	0094243X	Aip Conference Proceedings	3094	1	0	0	0	0	0
129	2024	Reactive collisions between electrons and BeH ⁺ above dissociation threshold	14639076	Physical Chemistry Chemical Physics	26	26	0	0	0	0	0
130	2024	Cavitation Erosion Behavior of a Biodegradable Alloy from the Zn-Mg System for Biomedical Applications	3548996	Tribology in Industry	46	2	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
131	2024	Heat Treatment Influence on the Cavitation Erosion Zn-Mg Behavior Used for Biomedical Applications	3548996	Tribology in Industry	46	2	0	0	0	0	0
132	2024	Immune-Mediated Ocular Surface Disease in Diabetes Mellitus – Clinical Perspectives and Treatment: A Narrative Review	22279059	Biomedicines	12	6	0	0	0	0	5
133	2024	Numerical and Experimental Analysis of Buckling and Post-Buckling Behaviour of TWCFS Lipped Channel Section Members Subjected to Eccentric Compression	19961944	Materials	17	12	0	0	0	0	1
134	2024	Advanced Photocatalytic Degradation of Cytarabine from Pharmaceutical Wastewaters	23056304	Toxics	12	6	0	0	0	0	1
135	2024	Electrochemical Study and Mechanical Properties of Ti-Zr Alloy for Biomedical Applications	20734352	Crystals	14	6	0	0	0	0	2
136	2024	GreenLab, an IoT-Based Small-Scale Smart Greenhouse	19995903	Future Internet	16	6	0	0	0	0	2
137	2024	Physicochemical and Toxicological Screening of Silver Nanoparticle Biosynthesis from Punica granatum Peel Extract	23046740	Inorganics	12	6	0	0	0	0	1
138	2024	Aphid adaptation in a changing environment through their bacterial endosymbionts: an overview, including a new major cereal pest (Rhopalosiphum maidis (Fitch) scenario	3345114	Symbiosis	93	2	0	0	0	0	1
139	2024	Utilization of Natural Adsorbents in the Purification of Used Sunflower and Palm Cooking Oils	20763417	Applied Sciences Switzerland	14	11	0	0	0	0	1
140	2024	A Review of Deep Learning Advancements in Road Analysis for Autonomous Driving	20763417	Applied Sciences Switzerland	14	11	0	0	0	0	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
141	2024	Resveratrol: A Review on the Biological Activity and Applications	20763417	Applied Sciences Switzerland	14	11	0	0	0	0	4
142	2024	Developing Different Test Conditions to Verify the Robustness and Versatility of Robotic Arms Controlled by Evolutionary Algorithms	20799292	Electronics Switzerland	13	11	0	0	0	0	0
143	2024	An Innovative, Lightweight, and Sustainable Solution for the Integrated Seismic Energy Retrofit of Existing Masonry Structures	20711050	Sustainability Switzerland	16	11	0	0	0	0	1
144	2024	Development of a Waste Management Strategy in a Steel Company	20711050	Sustainability Switzerland	16	11	0	0	0	0	1
145	2024	Compressive and flexural mechanical responses of components obtained through mSLA vat photopolymerization technology	1678442	Theoretical and Applied Fracture Mechanics	131		0	0	0	0	2
146	2024	Simultaneous voltammetric detection of benzene, naphthalene and anthracene from water using boron-doped diamond electrode	22141804	Sensing and Bio Sensing Research	44		0	0	0	0	0
147	2024	Cyberattacks on Adaptive Cruise Controls and Emergency Braking Systems: Adversary Models, Impact Assessment, and Countermeasures	189529	IEEE Transactions on Reliability	73	2	0	0	0	0	1
148	2024	Impact of synthesizing surfactant-modified catalytic ceria nanoparticles on the performance and environmental behaviors of coconut oil/diesel-fueled CI engine: An optimization attempt	3605442	Energy	295		0	0	0	0	1
149	2024	Test of CP-invariance of the Higgs boson in vector-boson fusion production and in its decay into four leptons	10298479	Journal of High Energy Physics	2024	5	0	0	0	0	2
150	2024	The ATLAS experiment at the CERN Large Hadron Collider: a description of the detector configuration for Run 3	17480221	Journal of Instrumentation	19	5	0	0	0	0	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
151	2024	Estimation of Centrifugal Pump Efficiency at Variable Frequency for Irrigation Systems	20711050	Sustainability Switzerland	16	10	0	0	0	0	2
152	2024	Enzymatic Synthesis and Structural Modeling of Bio-Based Oligoesters as an Approach for the Fast Screening of Marine Biodegradation and Ecotoxicity	16616596	International Journal of Molecular Sciences	25	10	0	0	0	0	0
153	2024	Host-Guest Interaction Study of Olmesartan Medoxomil with β -Cyclodextrin Derivatives	14203049	Molecules	29	10	0	0	0	0	1
154	2024	Puerarin: A Promising Flavonoid: Biosynthesis, Extraction Methods, Analytical Techniques, and Biological Effects	16616596	International Journal of Molecular Sciences	25	10	0	0	0	0	4
155	2024	Two-Way Power Flow Balancing in Three-Phase Three-Wire Networks by Unbalanced Capacitive Shunt Compensation	20763417	Applied Sciences Switzerland	14	9	0	0	0	0	0
156	2024	Microstructural Investigations of Weld Deposits from Manganese Austenitic Alloy on X2CrNiMoN22-5-3 Duplex Stainless Steel	20763417	Applied Sciences Switzerland	14	9	0	0	0	0	1
157	2024	Semi-Analytical Closed-Form Solutions for Dynamical Rössler-Type System	22277390	Mathematics	12	9	0	0	0	0	1
158	2024	Fretting wear behavior on LPBF processed AISi10Mg alloy for different heat treatment conditions	22387854	Journal of Materials Research and Technology	30		0	0	0	0	0
159	2024	A cross-sectional survey of deterministic PV power forecasting: Progress and limitations in current approaches	9601481	Renewable Energy	226		0	0	0	0	6
160	2024	Single and repeated impact behavior of material extrusion-based additive manufactured PLA parts	22387854	Journal of Materials Research and Technology	30		0	0	0	0	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
161	2024	Crushing behavior of closed-cell metallic foams: Anisotropy and temperature effects	22387854	Journal of Materials Research and Technology	30		0	0	0	0	2
162	2024	Investigation of numerical phase transition of nano-enhanced SiC/paraffin wax PCM in solar-assisted water desalination system	24519049	Thermal Science and Engineering Progress	50		0	0	0	0	3
163	2024	Live streaming and livelihoods: Decoding the creator Economy's influence on consumer attitude and digital behavior	9696989	Journal of Retailing and Consumer Services	78		0	0	0	0	2
164	2024	Design and Development of Low Density and Refractory Based on Ni-Ti-Al-Li-Si Pentanary Equiatomic High Entropy Alloys: Microstructure and Phase Analysis	19552513	International Journal on Interactive Design and Manufacturing	18	4	0	0	0	1	0
165	2024	Experimental and numerical studies on steel liner tray walls under static transverse loads	1410296	Engineering Structures	305		0	0	0	0	2
166	2024	Host-Guest Complexation of Itraconazole with Cyclodextrins for Bioavailability Enhancement	19994923	Pharmaceutics	16	4	0	0	0	0	2
167	2024	Utilisation of Reused Steel and Slag: Analysing the Circular Economy Benefits through Three Case Studies	20755309	Buildings	14	4	0	0	0	0	2
168	2024	Aldose Reductase as a Key Target in the Prevention and Treatment of Diabetic Retinopathy: A Comprehensive Review	22279059	Biomedicines	12	4	0	0	0	0	9
169	2024	On a Family of Hamilton-Poisson Jerk Systems	22277390	Mathematics	12	8	0	0	0	0	1
170	2024	Citizen-Centric Governance: Enhancing Citizen Engagement through Artificial Intelligence Tools	20711050	Sustainability Switzerland	16	7	0	0	0	0	2
171	2024	An Experimental Analysis of Three-Phase Low-Voltage Power Factor Controllers Used in a Deforming Regime	19961073	Energies	17	7	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
172	2024	Conventional Dental Impressions vs. Impressions Reinforced with Rigid Mouthguards	20734360	Polymers	16	7	0	0	0	0	0
173	2024	Adsorption of Scandium Ions by Amberlite XAD7HP Polymeric Adsorbent Loaded with Tri-n-Octylphosphine Oxide	14203049	Molecules	29	7	0	0	0	0	1
174	2024	Aspects Regarding of Passive Filters Sustainability for Non-Linear Single-Phase Consumers	20711050	Sustainability Switzerland	16	7	0	0	0	0	1
175	2024	Temporal numerical analysis of beeswax PCM melting in a cube geometry subjected to a constant wall temperature condition	2214157X	Case Studies in Thermal Engineering	56		0	0	0	0	2
176	2024	Dataset for bibliometric data-driven research team formation: Case of Politehnica University of Timisoara scholars for the interval 2010â€”2022	23523409	Data in Brief	53		0	0	0	0	0
177	2024	PARSECS_RT: A real-time PARSECS-based communication protocol stack for critical sensing applications	25426605	Internet of Things Netherlands	25		0	0	0	0	2
178	2024	Investigating the influence of building shape and insulation thickness on energy efficiency of buildings	9730826	Energy for Sustainable Development	79		0	0	0	0	6
179	2024	Corrosion Investigation by Scanning Electrochemical Microscopy of AISI 446 and Ti-Coated AISI 446 Ferritic Stainless Steel as Potential Material for Bipolar Plate in PEMWE	10067191	Acta Metallurgica Sinica English Letters	37	4	0	0	0	0	0
180	2024	Improved Position Sensorless Resonant Frequency Tracking Control Method for Linear Oscillatory Machine	2780046	IEEE Transactions on Industrial Electronics	71	4	0	0	0	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
181	2024	Accentuating the moderating influence of green innovation, environmental disclosure, environmental performance, and innovation output between vigorous board and Romanian manufacturing firmsâ€™ performance	1387585X	Environment Development and Sustainability	26	4	0	0	0	0	4
182	2024	Study of High-Transverse-Momentum Higgs Boson Production in Association with a Vector Boson in the qqbb Final State with the ATLAS Detector	319007	Physical Review Letters	132	13	0	0	0	0	2
183	2024	Residual life assessment of the historical road riveted bridges	137944	Engineering Fracture Mechanics	299		0	0	0	0	1
184	2024	A methodology for realistic estimation of the aerosol impact on the solar potential	0038092X	Solar Energy	271		0	0	0	0	0
185	2024	Near-infrared reflective coatings based on Ca1-xNdxC12-xNiO19 blue pigments, prepared by solution combustion synthesis	2728842	Ceramics International	50	6	0	0	0	0	1
186	2024	Study of heat transfer in MHD viscoelastic fluid of second grade over a stretching porous sheet with electromagnetic effects and nonuniform source/sink	3770427	Journal of Computational and Applied Mathematics	439		0	0	0	0	10
187	2024	MITDCNN: A multi-modal input Transformer-based deep convolutional neural network for misfire signal detection in high-noise diesel engines	9574174	Expert Systems with Applications	238		0	0	0	0	5
188	2024	Measurement of the Centrality Dependence of the Dijet Yield in p+Pb Collisions at âˆšsNN=8.16â€‰TeV with the ATLAS Detector	319007	Physical Review Letters	132	10	0	0	0	0	2
189	2024	Efficient indoor dye-sensitized solar cells based on TiO2 hollow sphere	9258388	Journal of Alloys and Compounds	976		0	0	0	0	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
190	2024	Search for new phenomena with top-quark pairs and large missing transverse momentum using 140 fb ⁻¹ of pp collision data at s = 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2024	3	0	0	0	0	4
191	2024	Investigating Semantic Differences in User-Generated Content by Cross-Domain Sentiment Analysis Means	20763417	Applied Sciences Switzerland	14	6	0	0	0	0	2
192	2024	Photovoltaic Tiles for the Wavelength-Selective Greenhouse: Exploring Yellow and Green Dye-Sensitized Solar Cells in Outdoor Conditions	20763417	Applied Sciences Switzerland	14	5	0	0	0	0	1
193	2024	From 3D Point Cloud to an Intelligent Model Set for Cultural Heritage Conservation	25719408	Heritage	7	3	0	0	0	0	11
194	2024	Evaluation of Functionalized Amberlite Type XAD7 Polymeric Resin with L-Valine Amino Acid Performance for Gallium Recovery	20734360	Polymers	16	6	0	0	0	0	1
195	2024	Cultivating Design Thinking for Sustainable Business Transformation in a VUCA World: Insights from a German Case Study	20711050	Sustainability Switzerland	16	6	0	0	0	0	2
196	2024	Preparation and Characterization of a Novel Salicinâ€Cyclodextrin Complex	19994923	Pharmaceutics	16	3	0	0	0	0	0
197	2024	Earthquake Resilient near Zero Energy Buildings: Attributes and Perspectives	20711050	Sustainability Switzerland	16	6	0	0	0	0	0
198	2024	Categorical Analysis of Database Consistency in Reporting Drugâ€CDrug Interactions for Cardiovascular Diseases	19994923	Pharmaceutics	16	3	0	0	0	0	0
199	2024	Enhanced Indoor Conversion Efficiency of Dye-Sensitized Solar Cells by Optimizing Ball-Milling Process of TiO2 Paste	20796412	Coatings	14	3	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
200	2024	Surface Characteristics of Vacuum-Plasma-Sprayed Reinforced Stainless Steel Coatings with TiC Particles	20796412	Coatings	14	3	0	0	0	0	0	
201	2024	Small Scale, High Precision: Robotic Surgery in Neonatal and Pediatric Patients”A Narrative Review	22279067	Children	11	3	0	0	0	0	3	
202	2024	Evaluating the Role of Breast Ultrasound in Early Detection of Breast Cancer in Low- and Middle-Income Countries: A Comprehensive Narrative Review	23065354	Bioengineering	11	3	0	0	0	0	3	
203	2024	Low-Cost System with Transient Reduction for Automatic Power Factor Controller in Three-Phase Low-Voltage Installations	19961073	Energies	17	6	0	0	0	0	1	
204	2024	Machine Learning-Based Prediction of Glioma IDH Gene Mutation Status Using Physio-Metabolic MRI of Oxygen Metabolism and Neovascularization (A Bicenter Study)	20726694	Cancers	16	6	0	0	0	0	3	
205	2024	Review of the Integration of Hybrid Electric Turbochargers for Mass-Produced Road Vehicles	19961073	Energies	17	6	0	0	0	0	0	
206	2024	Age-Inclusive Healthcare Sustainability: Romania”s Regulatory and Initiatives Landscape in the European Union Context	20711050	Sustainability Switzerland	16	5	0	0	0	0	1	
207	2024	Highly Electroconductive Metal-Polymer Hybrid Foams Based on Silver Nanowires: Manufacturing and Characterization	20734360	Polymers	16	5	0	0	0	0	1	
208	2024	Genetic Characterization of Dilated Cardiomyopathy in Romanian Adult Patients	16616596	International Journal of Molecular Sciences	25	5	0	0	0	0	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
209	2024	Romanian Wild-Growing Chelidonium majusâ€”An Emerging Approach to a Potential Antimicrobial Engineering Carrier System Based on AuNPs: In Vitro Investigation and Evaluation	22237747	Plants	13	5	0	0	0	0	2	
210	2024	Differentiating Viral from Bacterial Pneumonia in Children: The Diagnostic Role of Lung Ultrasoundâ€”A Prospective Observational Study	20754418	Diagnostics	14	5	0	0	0	0	3	
211	2024	Historic timber roof structure vulnerability assessment procedures â€” Critical analysis and comparison	12962074	Journal of Cultural Heritage	66		0	0	0	0	2	
212	2024	A study of Brownian relaxation time in magnetic nanofluids: a semi-analytical model	25208160	Multiscale and Multidisciplinary Modeling Experiments and Design	7	1	0	0	0	0	0	
213	2024	Search for New Phenomena in Two-Body Invariant Mass Distributions Using Unsupervised Machine Learning for Anomaly Detection at $\sqrt{s} = 13$ TeV with the ATLAS Detector	319007	Physical Review Letters	132	8	0	0	0	0	8	
214	2024	Compatibility Effects of Waste Cooking Oil Biodiesel Blend on Fuel System Elastomers in Compression Ignition Engines	24701343	ACS Omega	9	6	0	0	0	0	2	
215	2024	Performance of ionic liquid functionalized metal organic frameworks in the adsorption process of phenol derivatives	20462069	Rsc Advances	14	7	0	0	0	0	5	
216	2024	Effect of multiple process parameters on optimizing tensile properties for material extrusion-based additive manufacturing	9500618	Construction and Building Materials	414		0	0	0	0	7	
217	2024	Study of $Z^0 \rightarrow l^+ l^-$ decays at $\sqrt{s} = 8$ TeV with the ATLAS detector	14346044	European Physical Journal C	84	2	0	0	0	0	2	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
218	2024	Search for top-philic heavy resonances in pp collisions at s=13 TeV with the ATLAS detector	14346044	European Physical Journal C	84	2	0	0	0	0	6
219	2024	Search for a CP-odd Higgs boson decaying into a heavy CP-even Higgs boson and a Z boson in the $\tilde{a}, \tilde{a}^*, \tilde{a}^{\prime\prime} \tilde{t} \tilde{t}^*$ and $\tilde{t} \tilde{t}^* \tilde{A}^{\pm} \tilde{b} \tilde{b}^*$ final states using 140 fb ⁻¹ of data collected with the ATLAS detector	10298479	Journal of High Energy Physics	2024	2	0	0	0	0	4
220	2024	Search for non-resonant Higgs boson pair production in the 2b+2 $\tilde{a}, \tilde{a}^*$ +ETmiss final state in pp collisions at s = 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2024	2	0	0	0	0	6
221	2024	Erratum to: Observation of four-top-quark production in the multilepton final state with the ATLAS detector (Eur. Phys. J. C, (2023), 83, (496), 10.1140/epjc/s10052-023-11573-0)	14346044	European Physical Journal C	84	2	0	0	0	0	0
222	2024	Search for resonant production of dark quarks in the dijet final state with the ATLAS detector	10298479	Journal of High Energy Physics	2024	2	0	0	0	0	3
223	2024	Search for pair production of squarks or gluinos decaying via sleptons or weak bosons in final states with two same-sign or three leptons with the ATLAS detector	10298479	Journal of High Energy Physics	2024	2	0	0	0	0	1
224	2024	Tiny Lungs, Big Differences: Navigating the Varied COVID-19 Landscape in Neonates vs. Infants via Biomarkers and Lung Ultrasound	22279059	Biomedicines	12	2	0	0	0	0	3
225	2024	Current Trends in Diagnosis and Treatment Approach of Diabetic Retinopathy during Pregnancy: A Narrative Review	20754418	Diagnostics	14	4	0	0	0	0	10
226	2024	Niosomes: Composition, Formulation Techniques, and Recent Progress as Delivery Systems in Cancer Therapy	19994923	Pharmaceutics	16	2	0	0	0	0	17

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
227	2024	Search for quantum black hole production in lepton + jet final states using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	24700010	Physical Review D	109	3	0	0	0	0	1
228	2024	Measurement of the production cross-section of J/ψ and $\Upsilon(2S)$ mesons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	84	2	0	0	0	0	0
229	2024	Optimizing bi-layered periodic structures: a closed-form transfer matrix method based on Pendry-MacKinnon's discrete Maxwell's equations	7403224	Journal of the Optical Society of America B Optical Physics	41	2	0	0	0	0	0
230	2024	Electron and photon energy calibration with the ATLAS detector using LHC Run 2 data	17480221	Journal of Instrumentation	19	2	0	0	0	0	5
231	2024	Deeply Implanted Conformal Antenna for Real-Time Bio-Telemetry Applications	14248220	Sensors	24	4	0	0	0	0	5
232	2024	Probing the CP nature of the top-Higgs Yukawa coupling in $t\bar{t}H$ and tH events with $H\rightarrow b\bar{b}$ decays using the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	849		0	0	0	0	12
233	2024	Performance and calibration of quark/gluon-jet taggers using 140 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	16741137	Chinese Physics C	48	2	0	0	0	0	1
234	2024	An Innovative Approach to a Potential Neuroprotective Sideritis scardica-Clinoptilolite Phyto-Nanocarrier: In Vitro Investigation and Evaluation	16616596	International Journal of Molecular Sciences	25	3	0	0	0	0	2
235	2024	Structure Optimization of Some Single-Ion Conducting Polymer Electrolytes with Increased Conductivity Used in "Beyond Lithium-Ion" Batteries	20734360	Polymers	16	3	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
236	2024	Image-Compression Techniques: Classical and Region-of-Interest-Based Approaches Presented in Recent Papers	14248220	Sensors	24	3	0	0	0	0	12
237	2024	Electrically Savvy or Not? Tentative Portrait of the Romanian Student as a Consumer of Electric Devices and Utilities	20711050	Sustainability Switzerland	16	3	0	0	0	0	0
238	2024	Rural Tourism in Mountain Rural Communities- Possible Direction/Strategies: Case Study Mountain Area from Bihor County	20711050	Sustainability Switzerland	16	3	0	0	0	0	6
239	2024	Failure analysis of existing structures and infrastructures under extreme events and long-term actions	13506307	Engineering Failure Analysis	156		0	0	0	0	2
240	2024	Control System Level Intrusion Detection on J1939 Heavy-Duty Vehicle Buses	15513203	IEEE Transactions on Industrial Informatics	20	2	0	0	0	0	1
241	2024	What determines the entrepreneurial intentions of employees? A moderated mediation model of entrepreneurial motivation and innovate work behavior	24058440	Heliyon	10	2	0	0	0	0	6
242	2024	Infrared and visible spectroscopy: Fourier transform infrared spectroscopy and ultraviolet-visible spectroscopy		Microbial Electrochemical Technologies Fundamentals and Applications	01-Feb		0	0	0	0	0
243	2024	Inductively coupled plasma optical spectroscopy and atomic absorption spectroscopy		Microbial Electrochemical Technologies Fundamentals and Applications	01-Feb		0	0	0	0	0
244	2024	Electrochemistry analytical techniques and interpretation of the results		Microbial Electrochemical Technologies Fundamentals and Applications	01-Feb		0	0	0	0	0
245	2024	Enzymatic fuel cells and biosensors		Microbial Electrochemical Technologies Fundamentals and Applications	01-Feb		0	0	0	0	1
246	2024	Way forward and conclusion		Microbial Electrochemical Technologies Fundamentals and Applications	01-Feb		0	0	0	0	1
247	2024	A new step-up-down quadratic dc-dc converter with a single active switch	3770427	Journal of Computational and Applied Mathematics	436		0	0	0	1	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
248	2024	Observation of $WZ\ell^3$ Production in pp Collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS Detector	319007	Physical Review Letters	132	2	0	0	0	0	4
249	2024	Evidence for the Higgs boson decay to a Z boson and a photon at the LHC	319007	Physical Review Letters	132	2	0	0	0	0	26
250	2024	Flash floods: Causes, effects, and modeling possibilities with advanced hydroinformatic tools		Modeling and Monitoring Extreme Hydrometeorological Events			0	0	0	0	0
251	2024	Experimental Studies to Reduce Usage of Fossil Fuels and Improve Green Fuels by Adopting Hydrogen-Ammonia-Biodiesel as Trinary Fuel for RCCI Engine	24701343	ACS Omega	9	1	0	0	0	0	1
252	2024	Dynamic Current Control of Rare Earth Free Biaxial Excitation Synchronous Machines		2024 IEEE Energy Conversion Congress and Exposition Ecce 2024 Proceedings			0	0	0	0	0
253	2024	Novel Activation Function Design for Multiple Sclerosis Detection in Medical Imaging		2024 12th E Health and Bioengineering Conference Ehb 2024			0	0	0	0	0
254	2024	Overview of the Technical Risk Analysis and Risk Assessment Analysis in Automotive Industry		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0
255	2024	Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using a Small Hybrid Transformer Neural Network		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0
256	2024	Deep Learning for Sleep Staging Using EEG Signals		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0
257	2024	Statistical Analysis of Optimal Features for CLAHE Algorithm on Post-COVID19 CT Scans		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0
258	2024	TMBuD-v2: A Multi-Purpose Urban Landmark Detection Dataset		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
259	2024	Fostering Trust in AI-Driven Healthcare: A Brief Review of Ethical and Practical Considerations		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0		
260	2024	Innovative Pixel Art: Generation and Augmentation with Pixray		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0		
261	2024	Enhancing Audio Performance: Noise Reduction and Efficiency in Class AB Amplifier Design		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0		
262	2024	An Overview and Classification on Beamforming Techniques for 5G Systems		2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings			0	0	0	0	0		
263	2024	Stand for testing the lifetime of an automotive electronic module	2641287X	IEEE International Symposium for Design and Technology of Electronics Packages Siitme Conference Proceedings			0	0	0	0	0		
264	2024	RESEARCH ON THE INFLUENCE OF THE MAIN VIBRATION-GENERATING COMPONENTS IN GRAIN HARVESTERS ON THE OPERATOR'S COMFORT	20684215	Inmatch Agricultural Engineering	74	3	0	0	0	0	0		
265	2024	Overview on the environmental impact of used engine oil	17426588	Journal of Physics Conference Series	2927	1	0	0	0	0	0		
266	2024	Solar Photovoltaic Systems Challenges in Industrial Network Installations		Epei 2024 Proceedings of the 2024 13th IEEE International Conference and Expositions on Electric and Power Engineering			0	0	0	0	0		
267	2024	Optimal Recloser Placement in Distribution Networks to Improve Power Quality Indicators		Epei 2024 Proceedings of the 2024 13th IEEE International Conference and Expositions on Electric and Power Engineering			0	0	0	0	0		
268	2024	Dual-task performance and balance in patients with severe COPD: a cross-sectional study	17534658	Therapeutic Advances in Respiratory Disease	18		0	0	0	0	0		
269	2024	Modeling of Biomedical Antennas through Forecasting DNN for the Enlarged Bandwidth		2024 17th United Conference on Millimetre Waves and Terahertz Technologies Ucmmt 2024			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
270	2024	THERMAL FIELD NUMERICAL ANALYSIS IN CASE OF FRICTION WELDING OF DISSIMILAR MATERIALS		Mathematical Modelling of Weld Phenomena 4			0	1	0	0	0		
271	2024	CAVITATION BEHAVIOUR OF A BIODEGRADABLE ZnCu ALLOY	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	86	3	0	0	0	0	0		
272	2024	Ovarian Cancer Detection with Popular AI Algorithms: A Brief Review	16800737	Ifmbe Proceedings	109		0	0	0	0	0		
273	2024	An improved Bidirectional Hybrid Switched-Inductor Switched-Capacitor Converter Topology with Wide Voltage Ratio		2024 IEEE 21st International Power Electronics and Motion Control Conference Pemc 2024			0	0	0	0	0		
274	2024	Examining the interplay between mental health indicators and quality of life measures among first-year law students: a cross-sectional study	21678359	Peerj	12	11	0	0	0	0	0		
275	2024	Osteoporosis: a problem still faulty addressed by the Romanian healthcare system. Results of a questionnaire survey of people aged 40 years and over	2296858X	Frontiers in Medicine	11		0	0	0	0	0		
276	2024	Microstructural Investigation and Mechanical Properties of Resistance Spot Welding Joints of Mild Steel Sheets	10139826	Key Engineering Materials	989		0	0	0	0	0		
277	2024	Further Analysis into Best Infill Structure Used in Additive Manufacturing for Mechanical Applications	2555476	Materials Science Forum	1130		0	0	0	0	0		
278	2024	On the Relation between the Accelerometer and the Gyroscope Measurements	18037232	International Conference on Applied Electronics			0	0	0	0	0		
279	2024	A Planar Wideband Antenna for Full Duplex Communication With Significant Peak Gain	21693536	IEEE Access	12		0	0	0	0	0		
280	2024	Compact Self-Octaplexing Circular EMSIW Antenna for Sub-6 GHz Communication Systems	21693536	IEEE Access	12		0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
281	2024	Control of Wind Turbines Operating at Significantly Variable Wind Speeds Over Time		International Conference on Electrical Computer and Energy Technologies Icecet 2024			0	0	0	0	0		
282	2024	Rainfall-runoff modeling based on HEC-HMS model: a case study in an area with increased groundwater discharge potential	26249375	Frontiers in Water	6		0	0	0	0	0		
283	2024	Designing a Tunable Frequency Selective Surface with Active Components	15223965	IEEE Antennas and Propagation Society AP S International Symposium Digest			0	0	0	0	1		
284	2024	Statistical Computational Model of Fission Products Composition of Irradiated Nuclear Fuel and Their Contribution to Gas-aerosol Emissions of Nuclear Power Plants	14538245	Romanian Journal of Information Science and Technology	27	03-Apr	0	0	0	0	1		
285	2024	Sliding Mode and Super-Twisting Sliding Mode Control Structures for Vertical Three-Tank Systems	12201766	Studies in Informatics and Control	33	3	0	0	0	0	0		
286	2024	World of Crayfish,,ç: a web platform towards real-time global mapping of freshwater crayfish and their pathogens	21678359	Peerj	12	10	0	0	0	0	1		
287	2024	Noncircular Cable-Pulley Mechanisms Used for Equilibrating the Wheelchair Backrest	22110984	Mechanisms and Machine Science	166 MMS		0	0	0	0	0		
288	2024	Experimental Approach on the Force for Robotic Pipetting in Automated PCR (Polymerase Chain Reaction)	22110984	Mechanisms and Machine Science	166 MMS		0	0	0	0	0		
289	2024	Wrist Exoskeleton Actuated by a Parallel Manipulator	22110984	Mechanisms and Machine Science	166 MMS		0	0	0	0	1		
290	2024	Analytical Synthesis of the Seven-Bar Linkage 7-PR(RRRR)RP Used for Medical Disinfection Robot	22110984	Mechanisms and Machine Science	166 MMS		0	0	0	0	1		
291	2024	Blood Glucose Prediction inÂ Type 1 Diabetes Based onÂ Long Short-Term Memory	18650929	Communications in Computer and Information Science	2166 CCIS		0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
292	2024	Efficient Implementation of Spiking Neural Networks for Inference Using Ex-Situ Training	21693536	IEEE Access	12		0	0	0	0	1
293	2024	Active Disturbance Rejection Control for 3D Crane Systems	18770509	Procedia Computer Science	242		0	0	0	0	0
294	2024	Optimizing Electric Vehicle Performance: Advances in Battery Management Systems for Enhanced Efficiency and Longevity	18419836	International Journal of Computers Communications and Control	19	5	0	0	0	0	0
295	2024	The Role of Accounting and Auditing in the Digital Age. From Digitization to Digital Transformation	18684394	Intelligent Systems Reference Library	257		0	0	0	0	0
296	2024	Digital Transformation and Smart Work in the Service of Productivity	18684394	Intelligent Systems Reference Library	257		0	0	0	0	0
297	2024	Driving behavior extraction based on eyes movement patterns		Saci 2024 18th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1
298	2024	Java single vs. platform vs. virtual threads runtime performance assessment in the context of key class detection		Saci 2024 18th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1
299	2024	Enhancing Patient Care: Achieving Interoperability between General Practitioners' and Stomatologists' information systems using FHIR standard and Firebase cloud		Saci 2024 18th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
300	2024	Estimating flood susceptibility based on GIS and remote sensing. Case study: Hydrographic Basin of CriÅŸul Alb river	18435971	Present Environment and Sustainable Development	18	1	0	0	0	0	0
301	2024	Hybrid quantum search with genetic algorithm optimization	23765992	Peerj Computer Science	10		0	0	0	0	1
302	2024	Natural language processing with transformers: a review	23765992	Peerj Computer Science	10		0	0	0	0	1
303	2024	Switching from DOORS to DOORS Next Generation. Identifying the Main Usability Issues. A Case Study	23673370	Lecture Notes in Networks and Systems	1000 LNNS		0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
304	2024	Hybrid Current Control of Rare Earth Free Biaxial Excitation Synchronous Machines		2024 IEEE Transportation Electrification Conference and Expo Itec 2024			0	0	0	0	1	
305	2024	High Torque Density Double Stator PM Synchronous Machine		2024 IEEE Transportation Electrification Conference and Expo Itec 2024			0	0	0	0	2	
306	2024	Short-term glucose prediction in Type 1 Diabetes	18770509	Procedia Computer Science	238		0	0	0	0	1	
307	2024	Long Short-Term Memory-Based Prediction Solution Inside a Decentralized Proactive Historian for Water Industry 4.0	21693536	IEEE Access	12		0	0	0	0	0	
308	2024	Linear Elastic Fracture Mechanics		Comprehensive Mechanics of Materials Volume 14	1		0	0	0	0	1	
309	2024	Comparison between three scanning systems for laser cutting of airbag materials	0277786X	Proceedings of SPIE the International Society for Optical Engineering	13005		0	0	0	0	0	
310	2024	Earthquake Sequence in Kahramanmaraş, Turkey – Report on the Behaviour of Precast Industrial Buildings and Proposals for Improvement	23662557	Lecture Notes in Civil Engineering	520 LNCE		0	0	0	0	0	
311	2024	Accuracy of Three-Point Interpolated DFT Frequency and Damping Factor Estimators	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	0	0	
312	2024	Alien plant species distribution in Romania: a nationwide survey following the implementation of the EU Regulation on Invasive Alien Species	13142828	Biodiversity Data Journal	12		0	0	0	0	2	
313	2024	Beam-Steering Antenna Technique Using Operational Amplifiers for Sub-6 GHz	21693536	IEEE Access	12		0	0	0	0	0	
314	2024	Fast Efficiency Optimization Control Based on Orthogonal Current Phasor Model for Linear Oscillatory Motor	8858993	IEEE Transactions on Power Electronics	39	9	0	0	0	0	1	
315	2024	Towards Building the LEMI Readability Platform for Children's Literature in the Romanian Language		2024 Joint International Conference on Computational Linguistics Language Resources and Evaluation Lrec Coling 2024 Main Conference Proceedings			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
316	2024	Exploring Gender Bias and Toxic Comments Using Artificial Intelligence: Trends and Implications		2024 17th International Conference on Development and Application Systems Das 2024 Proceedings			0	0	0	0	1
317	2024	Uterine corpus endometrial carcinoma prediction from genomic analysis with machine learning		2024 17th International Conference on Development and Application Systems Das 2024 Proceedings			0	0	0	0	1
318	2024	A Certificate-Based Ring Signcryption Scheme for Securing UAV-Enabled Private Edge Computing Systems	21693536	IEEE Access	12		0	0	0	0	1
319	2024	Synchronization of Clifford-valued neural networks with leakage, time-varying, and infinite distributed delays on time scales	24736988	Aims Mathematics	9	7	0	0	0	0	0
320	2024	Recycled Glass and PET Waste as Aggregates Replacement in Eco-Innovative Concrete for Alveolar Concrete Blocks	2522560X	Structural Integrity	28		0	0	0	0	1
321	2024	Reliability and Durability of Built Environment Under Impact of Climate Natural Hazards	23662557	Lecture Notes in Civil Engineering	489 LNCE		0	0	0	0	0
322	2024	Disassembly and Structural Reuse Potential of Steel-Timber Shear Connections with Screws	23662557	Lecture Notes in Civil Engineering	489 LNCE		0	0	0	0	0
323	2024	Procedure for Generation of Finite Element Models of Steel Members from 3D Scanned Data	23662557	Lecture Notes in Civil Engineering	489 LNCE		0	0	0	0	0
324	2024	Sustainability in the Context of BIM-Enabled Digital Building Permits	23662557	Lecture Notes in Civil Engineering	489 LNCE		0	0	0	0	0
325	2024	Active Flux Based Advanced Encoderless AC Drives: A Tutorial Review	8858993	IEEE Transactions on Power Electronics	39	10	0	0	0	0	0
326	2024	Circular Economy of Wind Turbines Waste in Constructions and Cities	23662557	Lecture Notes in Civil Engineering	489 LNCE		0	0	0	0	0
327	2024	Kinematic Analysis of the Seven-Bar Linkage 7-PR(RRRR)RP Used for Medical Disinfection Robot	22110984	Mechanisms and Machine Science	157 MMS		0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
328	2024	Controlling the unpredictable: bifurcation and backstepping strategies in supply chain dynamics	2008949X	Journal of Mathematics and Computer Science	35	2	0	0	0	0	1
329	2024	Method of Improving the Management of Cancer Risk Groups by Coupling a Features-Attention Mechanism to a Deep Neural Network	20763417	Applied Sciences Switzerland	14	1	0	0	0	0	2
330	2024	Microbiome and cancer: from mechanistic implications in disease progression and treatment to development of novel antitumoral strategies	16643224	Frontiers in Immunology	15		0	0	0	0	4
331	2024	Jitter and Shimmer Parameters in the Identification of Vocal Tract Pathologies. Current State of Research	9308989	Springer Proceedings in Physics	302		0	0	0	0	1
332	2024	An Efficient Authentication and Access Control Protocol for Securing UAV Networks Against Anomaly-Based Intrusion	21693536	IEEE Access	12		0	0	0	0	1
333	2024	The Reaction of Ozone with the C-H Bond Revisited	1919512	Ozone Science and Engineering	46	5	0	0	0	0	0
334	2024	Design of a 3D Printer with Five-Bar Linkage	22110984	Mechanisms and Machine Science	154		0	0	0	0	1
335	2024	On the mixed mode fracture of DLP manufactured SCB specimens	24523216	Procedia Structural Integrity	56		0	0	0	0	2
336	2024	Effect of Fillers on Mechanical Properties of FDM printed PLA Components	24523216	Procedia Structural Integrity	56		0	0	0	0	0
337	2024	The influence of contour on FDM parts for the Shear Test	24523216	Procedia Structural Integrity	56		0	0	0	0	1
338	2024	Temperature and Thermal Aging Effects on the Mechanical Response of Polycarbonate Materials	24523216	Procedia Structural Integrity	56		0	0	0	0	0
339	2024	Highlights on the Influence of Thermal Reprocessing of PLA on Mechanical Properties	24523216	Procedia Structural Integrity	56		0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
340	2024	Mechanical behavior of recycled FDM printed parts from PETG in the circular economy	24523216	Procedia Structural Integrity	56		0	0	0	0	1
341	2024	ADMET profiles of selected anabolic steroid derivatives	3525139	Journal of the Serbian Chemical Society	89	3	0	0	0	0	0
342	2024	Guest Editorial to the Special Section on Composite Adaptive and Learning Control with Robotic Applications	24751456	IEEE Control Systems Letters	8		0	0	0	0	1
343	2024	Studies of new Higgs boson interactions through nonresonant HH production in the $b\bar{b} \rightarrow t\bar{t} \nu\bar{\nu}$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2024	1	0	0	0	0	11
344	2024	Rare-Earth Free Unity Power Factor Bi-Axial Excitation Synchronous Machine for Traction Applications	939994	IEEE Transactions on Industry Applications	60	4	0	0	0	0	2
345	2024	Increasing the Solar Reliability Factor of a Dual-Axis Solar Tracker Using an Improved Online Built-In Self-Test Architecture	21693536	IEEE Access	12		0	0	0	0	4
346	2024	PV Panel Emulator Based on Arduino and LabVIEW	23673370	Lecture Notes in Networks and Systems	906 LNNS		0	0	0	0	2
347	2024	Microstructure and properties of Co based laser cladded composite coatings	255300	Materialprüfung Materials Testing			0	0	0	0	1
348	2024	Differential cross-section measurements of the production of four charged leptons in association with two jets using the ATLAS detector	10298479	Journal of High Energy Physics	2024	1	0	0	0	0	3
349	2024	UML Diagrams in Teaching Software Engineering Classes. A Case Study in Computer Science Class		2024 IEEE 22nd World Symposium on Applied Machine Intelligence and Informatics Sami 2024 Proceedings			0	0	0	0	1
350	2024	Design and Performance Measurement of Worn-on-Body Instrumental Ultra-Miniaturized UWB Wearable Patch for e-Health Monitoring	21693536	IEEE Access	12		0	0	0	0	6

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							2020	2021	2022	2023	2024
351	2024	Dynamic simulation of the differential gear in road vehicles	17426588	Journal of Physics Conference Series	2714	1	0	0	0	0	0
352	2024	Hybrid Data-Driven Active Disturbance Rejection Sliding Mode Control with Tower Crane Systems Validation	14538245	Romanian Journal of Information Science and Technology	27	1	0	0	0	0	17
353	2024	The anisotropy behavior of metallic foams under Charpy impact tests	17426588	Journal of Physics Conference Series	2692	1	0	0	0	0	0
354	2024	Smooth nickel-a suitable anodic material in new alkaline fuel cells sulphite/oxygen	17907632	Global Nest Journal	26	1	0	0	0	0	0
355	2024	Buck Converter with Cubic Static Conversion Ratio	14248220	Sensors	24	2	0	0	0	0	0
356	2024	Fourth-Order Quadratic Buck Converter Controller Design	14248220	Sensors	24	2	0	0	0	0	0
357	2024	On q-Hermite“Hadamard Type Inequalities via s-Convexity and ($\pm, m$)-Convexity	25043110	Fractal and Fractional	8	1	0	0	0	0	1
358	2024	Colorectal Cancer Risk Prediction Using the rs4939827 Polymorphism of the SMAD7 Gene in the Romanian Population	20754418	Diagnostics	14	2	0	0	0	0	2
359	2024	Measurement of the $\tilde{Z}^0 \rightarrow \gamma \gamma$ and $\tilde{Z}^0 \rightarrow \gamma \gamma$ cross-sections in pp collisions at $\sqrt{s}=13.6$ TeV with the ATLAS detector	14346044	European Physical Journal C	84	1	0	0	0	0	3
360	2024	Search for the $\tilde{Z}^0$ decay mode of new high-mass resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	848		0	0	0	0	3
361	2024	A survey on fuzzy control for mechatronics applications	207721	International Journal of Systems Science	55	4	0	0	0	0	15
362	2024	Vulnerability Assessment of Historical Churches in Banat Seismic Region, Romania	22110844	Rilem Bookseries	46		0	0	0	0	1
363	2024	The History of the Construction Works	18753442	History of Mechanism and Machine Science	44		0	0	0	0	1
364	2024	Overview of Special Wire Mechanisms Used for Self-balancing Mechanisms	22110984	Mechanisms and Machine Science	150		0	0	0	0	1

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							2020	2021	2022	2023	2024
365	2024	Search for non-resonant production of semi-visible jets using Run 2 data in ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	848		0	0	0	1	8
366	2024	Circular Strategies in Lightweight Steel-Framed (LSF) Buildings and the Research Project Tyre4BuildIns	2366259X	Springer Tracts in Civil Engineering	Part F1844		0	0	0	0	0
367	2024	Taxonomy for building permit system - organizing knowledge for building permit digitalization	14740346	Advanced Engineering Informatics	59		0	0	0	0	8
368	2024	Mathematical Modeling of a Hydraulic Lifting System for the Autodock Docking Leveler	17858860	Acta Polytechnica Hungarica	21	2	0	0	0	0	1
369	2024	Stability and bifurcation analysis of a four-dimensional economic model	15842851	Carpathian Journal of Mathematics	40	1	0	0	0	0	0
370	2024	Analytical Synthesis of Five-Bar Linkage 5-PRRRP	22110984	Mechanisms and Machine Science	149		0	0	0	0	1
371	2024	Automotive Electric Propulsion Systems: A Technology Outlook	23327782	IEEE Transactions on Transportation Electrification	10	3	0	0	0	0	2
372	2024	Experimental Investigation of One-Sided Strengthening Interventions on Historic Brick Masonry Walls	22110844	Rilem Bookseries	47		0	0	0	0	1
373	2024	Waste bull bone based reusable and biodegradable heterogeneous catalyst for alternate fuel production from WCO, and investigation of its usability as fuel substitute	162361	Fuel	355		0	0	0	1	11
374	2024	Down to the Rabbit Hole: How Gamification is Integrated in Blockchain Systems? A Systematic Literature Review	10447318	International Journal of Human Computer Interaction	40	19	0	0	0	0	4
375	2024	Recent Trends in Ibuprofen and Ketoprofen Electrochemical Quantification—A Review	10408347	Critical Reviews in Analytical Chemistry	54	1	0	0	1	1	3
376	2024	Mini-Review: Electrochemical Sensors Used for the Determination of Water- and Fat-Soluble Vitamins: B, D, K	10408347	Critical Reviews in Analytical Chemistry	54	1	0	0	1	2	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
377	2024	Dual approximate solutions for the chemically reactive solute transfer in a viscous fluid flow	17455030	Waves in Random and Complex Media	34	4	0	0	0	2	0
378	2024	LAST PLANNER SYSTEM: PULL PLANNING AS A DOCUMENTATION MANAGEMENT TOOL IN PHOTOVOLTAIC PROJECTS	23090979	Annual Conference of the International Group for Lean Construction Igic	32		0	0	0	0	0
379	2024	TRENDS IN THE DEVELOPMENT OF CONSERVATION/ECOLOGICAL AGRICULTURE IN THE CONTEXT OF CURRENT CLIMATE CHANGE – A REVIEW	20684215	Inmateh Agricultural Engineering	74	3	0	0	0	0	0
380	2024	APPLICATION OF METAL MATRIX NANOCOMPOSITES IN ENGINEERING	28129709	Advanced Engineering Letters	3	4	0	0	0	0	0
381	2024	Artificial Intelligence for 3-D Satellite Networks: A Comprehensive Overview		2024 IEEE Conference on Advanced Topics on Measurement and Simulation Atoms 2024			0	0	0	0	0
382	2023	Combined Measurement of the Higgs Boson Mass from the Formula Presented and Formula Presented Decay Channels with the ATLAS Detector Using Formula Presented, 8, and 13 TeV Formula Presented Collision Data	319007	Physical Review Letters	131	25	0	0	0	0	8
383	2023	Search for Dark Photons in Rare Z Boson Decays with the ATLAS Detector	10797114	Physical Review Letters	131	25	0	0	0	0	2
384	2023	Measurement of the Higgs boson mass with $H \rightarrow \tau^+ \tau^-$ decays in 140 fb ⁻¹ of s=13 TeV pp collisions with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	847		0	0	0	0	5
385	2023	Search for exclusive Higgs and Z boson decays to $\tau^+ \tau^-$ and Higgs boson decays to $K_S^0 \pi^0$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	847		0	0	0	0	3
386	2023	Search for heavy long-lived multi-charged particles in the full LHC Run 2 pp collision data at s=13 TeV using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	847		0	0	0	1	10

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
387	2023	Towards the thermal stability of dye-sensitized solar cells for wavelength-selective greenhouses using the polymorphism of light-scattering layers	23984902	Sustainable Energy and Fuels	8	1	0	0	0	0	2
388	2023	Search for flavour-changing neutral tqH interactions with $H \rightarrow \tau^+ \tau^-$ in pp collisions at (Formula presented.) TeV using the ATLAS detector	10298479	Journal of High Energy Physics	2023	12	0	0	0	0	7
389	2023	Search for direct production of electroweakinos in final states with one lepton, jets and missing transverse momentum in pp collisions at (Formula presented.) TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	12	0	0	0	0	4
390	2023	Search for vector-boson resonances decaying into a top quark and a bottom quark using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	12	0	0	0	0	7
391	2023	Search for heavy Higgs bosons with flavour-violating couplings in multi-lepton plus b-jets final states in pp collisions at 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	12	0	0	0	0	6
392	2023	Evidence of pair production of longitudinally polarised vector bosons and study of CP properties in $ZZ \rightarrow 4l$ events with the ATLAS detector at $\sqrt{s} = 13$ TeV	10298479	Journal of High Energy Physics	2023	12	0	0	0	0	8
393	2023	Enhancing Fake News Detection in Romanian Using Transformer-Based Back Translation Augmentation	20763417	Applied Sciences Switzerland	13	24	0	0	0	0	3
394	2023	Students' Awareness Regarding Environment Protection in Campus Life: Evidence from Romania	20711050	Sustainability Switzerland	15	23	0	0	0	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
395	2023	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with charged leptons and jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	12	0	0	0	0	13
396	2023	Pursuit of paired dijet resonances in the Run 2 dataset with ATLAS	24700010	Physical Review D	108	11	0	0	0	0	4
397	2023	The Role of Erythropoietin in Preventing Anemia in the Premature Neonate	22279067	Children	10	12	0	0	0	0	3
398	2023	Exencephaly – Anencephaly Sequence Associated with Maxillary Brachygnathia, Spinal Defects, and Palatoschisis in a Male Domestic Cat	20762615	Animals	13	24	0	0	0	0	1
399	2023	Modelling and Optimization of Methylene Blue Adsorption Process on Leonurus cardiaca L. Biomass Powder	22279717	Processes	11	12	0	0	0	0	2
400	2023	Strengthening Automotive Cybersecurity: A Comparative Analysis of ISO/SAE 21434-Compliant Automatic Collision Notification (ACN) Systems	26248921	Vehicles	5	4	0	0	0	0	2
401	2023	Improvements in the Electronic Performance of ZnO-Based Varistors by Modifying the Manufacturing Process Parameters	20799292	Electronics Switzerland	12	24	0	0	0	0	2
402	2023	Applications of Romanian Propolis in Phyto-Inhibitory Activity and Antimicrobial Protection: A Comparative Study	20796382	Antibiotics	12	12	0	0	0	0	1
403	2023	Q-LEARNING, POLICY ITERATION AND ACTOR-CRITIC REINFORCEMENT LEARNING COMBINED WITH METAHEURISTIC ALGORITHMS IN SERVO SYSTEM CONTROL	3542025	Facta Universitatis Series Mechanical Engineering	21	4	0	0	0	0	17

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
404	2023	Approximate Closed-Form Solutions for a Class of 3D Dynamical Systems Involving a Hamiltonian Poisson Part	22277390	Mathematics	11	23	0	0	0	0	2
405	2023	Efficient design of overlapped purlins loaded by gravity	23520124	Structures	58		0	0	0	0	2
406	2023	Fatigue behaviour of closed-cell polyurethane rigid foams	13506307	Engineering Failure Analysis	154		0	0	0	0	5
407	2023	Analytical Fatigue Life Prediction of Ball Grid Array Solder Joints	3615235	Journal of Electronic Materials	52	12	0	0	0	0	1
408	2023	Battery thermal management of a novel helical channeled cylindrical Li-ion battery with nanofluid and hybrid nanoparticle-enhanced phase change material	179310	International Journal of Heat and Mass Transfer	216		0	0	0	0	17
409	2023	Circularly polarized differential intra-oral antenna design validation and characterization for tongue drive system	20452322	Scientific Reports	13	1	0	0	0	0	1
410	2023	Low-loss MIMO antenna wireless communication system for 5G cardiac pacemakers	20452322	Scientific Reports	13	1	0	0	0	1	9
411	2023	Stability evaluation and kinetic study for the atypical antidepressant opipramol	13886150	Journal of Thermal Analysis and Calorimetry	148	23	0	0	0	1	0
412	2023	Evidence of a cognitive bias in the quantification of COVID-19 with CT: an artificial intelligence randomised clinical trial	20452322	Scientific Reports	13	1	0	0	0	1	3
413	2023	Design of the five-bar linkage with singularity-free workspace	2635747	Robotica	41	11	0	0	0	0	6
414	2023	Measurement of the cross-sections of the electroweak and total production of a $Z\bar{l}^3$ pair in association with two jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	846		0	0	0	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
415	2023	Search for pairs of muons with small displacements in pp collisions at s=13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	846		0	0	0	0	1
416	2023	Evidence of off-shell Higgs boson production from ZZ leptonic decay channels and constraints on its total width with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	846		0	0	0	3	15
417	2023	Comparison of inclusive and photon-tagged jet suppression in 5.02 TeV Pb+Pb collisions with ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	846		0	0	0	1	7
418	2023	Observation of Single-Top-Quark Production in Association with a Photon Using the ATLAS Detector	319007	Physical Review Letters	131	18	0	0	0	0	6
419	2023	Author Correction: A detailed map of Higgs boson interactions by the ATLAS experiment ten years after the discovery (Nature, (2022), 607, 7917, (52-59), 10.1038/s41586-022-04893-w)	280836	Nature	623	7985	0	0	0	0	0
420	2023	Supervisory Monitoring and Control Solution on Android Mobile Devices for the Water Industry 4.0	20711050	Sustainability Switzerland	15	22	0	0	0	0	2
421	2023	Search for direct production of winos and higgsinos in events with two same-charge leptons or three leptons in pp collision data at (Formula presented.) TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	11	0	0	0	0	7
422	2023	Search for magnetic monopoles and stable particles with high electric charges in (Formula presented.) TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2023	11	0	0	0	0	6
423	2023	Managing Environmental Policy Stringency to Ensure Sustainable Development in OECD Countries	20711050	Sustainability Switzerland	15	21	0	0	0	0	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
424	2023	Improving Chest Monitoring through Magnetic Resonance Angiogram Image Contrast Enhancement	20751729	Life	13	11	0	0	0	0	1	
425	2023	Metal Element Traces Sampled from Peri-Urban Road Verge Particulate Matter	20763417	Applied Sciences Switzerland	13	21	0	0	0	0	1	
426	2023	Performance Analysis of Polymer Additive Manufactured Gear Bearings	20763417	Applied Sciences Switzerland	13	22	0	0	0	0	0	
427	2023	Search for single vector-like B quark production and decay via (Formula presented.) in pp collisions at (Formula presented.) TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	11	0	0	0	0	5	
428	2023	Performance of the reconstruction of large impact parameter tracks in the inner detector of ATLAS	14346044	European Physical Journal C	83	11	0	0	0	0	6	
429	2023	Search for a new pseudoscalar decaying into a pair of muons in events with a top-quark pair at Formula Presented with the ATLAS detector	24700010	Physical Review D	108	9	0	0	0	0	4	
430	2023	Tools for estimating fake/non-prompt lepton backgrounds with the ATLAS detector at the LHC	17480221	Journal of Instrumentation	18	11	0	0	0	1	11	
431	2023	Search for pair production of third-generation leptoquarks decaying into a bottom quark and a $\tilde{l}_\mu$ -lepton with the ATLAS detector	14346044	European Physical Journal C	83	11	0	0	0	1	7	
432	2023	Fast b-tagging at the high-level trigger of the ATLAS experiment in LHC Run 3	17480221	Journal of Instrumentation	18	11	0	0	0	0	2	
433	2023	Asymptotic and Mittag-Leffler Synchronization of Fractional-Order Octonion-Valued Neural Networks with Neutral-Type and Mixed Delays	25043110	Fractal and Fractional	7	11	0	0	0	0	2	
434	2023	Kinetic Investigation of the Oxidative Thermal Decomposition of Levonorgestrel	22279717	Processes	11	11	0	0	0	0	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
435	2023	On the Double-Zero Bifurcation of Jerk Systems	22277390	Mathematics	11	21	0	0	0	0	2
436	2023	Prediction of RCCI combustion fueled with CNG and algal biodiesel to sustain efficient diesel engines using machine learning techniques	2214157X	Case Studies in Thermal Engineering	51		0	0	0	0	7
437	2023	The impact of public awareness, infrastructure, and technological development with economic growth on solid waste management of European countries: does governance quality matters	9441344	Environmental Science and Pollution Research	30	53	0	0	0	0	5
438	2023	Static and fatigue behavior of 3D printed PLA and PLA reinforced with short carbon fibers	1738494X	Journal of Mechanical Science and Technology	37	11	0	0	0	0	6
439	2023	Investigating nonlinear forced vibration of functionally graded nanobeam based on the nonlocal strain gradient theory considering mechanical impact, electromagnetic actuator, thickness effect and nonlinear foundation	9977538	European Journal of Mechanics A Solids	102		0	0	0	0	4
440	2023	A Perspective Review of Passive Techniques Applied to Control the Swirling Flow Instabilities from the Conical Diffuser of Hydraulic Turbines	36900	Applied Mechanics Reviews	75	6	0	0	0	3	2
441	2023	Covalent organic frameworks as promising materials: Review on synthetic strategies, topology and application towards supercapacitors	2352152X	Journal of Energy Storage	71		0	0	0	1	12
442	2023	Mamdani vs. Takagi-Sugeno Fuzzy Inference Systems in the Calibration of Continuous-Time Car-Following Models	14248220	Sensors Basel Switzerland	23	21	0	0	0	0	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
443	2023	Measurement of Suppression of Large-Radius Jets and Its Dependence on Substructure in Pb+Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS Detector	319007	Physical Review Letters	131	17	0	0	0	0	7	
444	2023	Measurement of the Sensitivity of Two-Particle Correlations in pp Collisions to the Presence of Hard Scatterings	319007	Physical Review Letters	131	16	0	0	0	0	2	
445	2023	Explanation Relevance Index - A New Way of Assessing the Quality of Explanations Based on Learned Features	18798365	Studies in Health Technology and Informatics	309		0	0	0	0	1	
446	2023	Robotic Process Automation Based Data Extraction from Handwritten Medical Forms	18798365	Studies in Health Technology and Informatics	309		0	0	0	0	1	
447	2023	Decision Tree Versus Linear Support Vector Machine Classifier in the Screening of Medial Speech Sounds: A Quest for a Sound Rationale	18798365	Studies in Health Technology and Informatics	309		0	0	0	0	1	
448	2023	Recovery Gestures Classification Using KNN and LDA Models	18798365	Studies in Health Technology and Informatics	309		0	0	0	0	1	
449	2023	Real-Time Detection of Emotions Based on Facial Expression for Mental Health	18798365	Studies in Health Technology and Informatics	309		0	0	0	0	4	
450	2023	How does organizational culture affect employees' mental health during COVID-19? The mediating role of transparent communication	10519815	Work	76	2	0	0	0	0	3	
451	2023	Enhanced cavitation erosion resistance of GX40CrNiSi25-20 cast stainless steels by surface TIG re-melting	431648	Wear	530-531		0	0	0	1	2	
452	2023	Observation of the $\tilde{\chi}_1^0 \rightarrow \tilde{\chi}_2^0 \gamma$ Process in Pb + Pb Collisions and Constraints on the $\tilde{\chi}_1^0$ -Lepton Anomalous Magnetic Moment with the ATLAS Detector	319007	Physical Review Letters	131	15	0	0	0	4	18	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
453	2023	Experimental Investigation and Characterization of Friction Stir Spot-Welded Dissimilar Aluminum Copper Metallic Lap Joints	24701343	ACS Omega	8	39	0	0	0	0	2	
454	2023	Measurements of multijet event isotropies using optimal transport with the ATLAS detector	10298479	Journal of High Energy Physics	2023	10	0	0	0	0	4	
455	2023	Search for a new heavy scalar particle decaying into a Higgs boson and a new scalar singlet in final states with one or two light leptons and a pair of $\tilde{l}_\mu$ -leptons with the ATLAS detector	10298479	Journal of High Energy Physics	2023	10	0	0	0	0	5	
456	2023	Cold-formed Steel-Concrete Composite Beams with Back-to-Back Channel Sections in Bending	26766957	Civil Engineering Journal Iran	9	10	0	0	0	0	8	
457	2023	Integrated and differential fiducial cross-section measurements for the vector boson fusion production of the Higgs boson in the $H \rightarrow W^+W^- \rightarrow e^+e^- \mu^+\mu^-$ decay channel at 13 TeV with the ATLAS detector	24700010	Physical Review D	108	7	0	0	0	0	5	
458	2023	Luminosity determination in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector at the LHC	14346044	European Physical Journal C	83	10	0	0	0	1	76	
459	2023	Search for lepton-flavour violation in high-mass dilepton final states using 139 fb $^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	10	0	0	0	0	4	
460	2023	The Method of Studying Cosmetic Creams Based on the Principles of Systems Theory and Mathematical Modeling Techniques	20799284	Cosmetics	10	5	0	0	0	0	2	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
461	2023	Search for periodic signals in the dielectron and diphoton invariant mass spectra using 139 fb ⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	10	0	0	0	1	1
462	2023	Blockchain-Based Crop Recommendation System for Precision Farming in IoT Environment	20734395	Agronomy	13	10	0	0	0	0	11
463	2023	Arsenic Removal Using Unconventional Material with Iron Content: Batch Adsorption and Column Study	23056304	Toxics	11	10	0	0	0	1	2
464	2023	Optimizing the Chemical Composition of Brake Shoes According to the Hardness Recommended by the Product Standard	19961944	Materials	16	20	0	0	0	0	1
465	2023	The Effects of the Fungicide Myclobutanil on Soil Enzyme Activity	20770472	Agriculture Switzerland	13	10	0	0	0	0	4
466	2023	On Hopf and Fold Bifurcations of Jerk Systems	22277390	Mathematics	11	20	0	0	0	1	6
467	2023	Search for leptoquarks decaying into the b $\bar{l}$, final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	10	0	0	0	1	7
468	2023	Wild-Grown Romanian Helleborus purpurascens Approach to Novel Chitosan Phyto-Nanocarriers's Metabolite Profile and Antioxidant Properties	22237747	Plants	12	19	0	0	0	0	5
469	2023	Utilizing Novel Lignocellulosic Material from Hart's-Tongue Fern (Asplenium scolopendrium) Leaves for Crystal Violet Adsorption: Characterization, Application, and Optimization	20734360	Polymers	15	19	0	0	0	0	1
470	2023	Biocatalytic synthesis of new polyesteramides from ϵ -caprolactam and hydroxy acids: Structural characterization, biodegradability, and suitability as drug nanocarriers	13815148	Reactive and Functional Polymers	191		0	0	0	0	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
471	2023	One-pot green synthesis and characterization of novel furan-based oligoesters	23525541	Sustainable Chemistry and Pharmacy	35		0	0	0	0	1
472	2023	Failure mechanism of historic churches in Gorj county for shallow seismic action	13506307	Engineering Failure Analysis	152		0	0	0	2	3
473	2023	Fracture toughness of a rigid polyurethane foam: experimental and numerical investigation by varying the specimen sizes	8756758X	Fatigue and Fracture of Engineering Materials and Structures	46	10	0	0	0	0	2
474	2023	Philosophical health and wuxing ontology	13561294	Journal of Evaluation in Clinical Practice	29	7	0	0	0	1	0
475	2023	Case study of the seismic vulnerability of a historical building in Timisoara, Romania	0094243X	Aip Conference Proceedings	2928	1	0	0	0	0	1
476	2023	Intra-hour Pv power forecasting based on sky imagery	3605442	Energy	279		0	0	0	0	4
477	2023	Measurement of the Bs ⁰ → $\tau^+ \tau^-$ effective lifetime with the ATLAS detector	10298479	Journal of High Energy Physics	2023	9	0	0	0	0	4
478	2023	Search for dark matter produced in association with a Higgs boson decaying to tau leptons at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	9	0	0	0	1	8
479	2023	Measurements of differential cross sections of Higgs boson production through gluon fusion in the $t\bar{t} \rightarrow W^+ W^- e^+ e^-$ final state at $\sqrt{s} = 13$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	9	0	0	0	0	6
480	2023	The Influence of Heat Aging Treatments on the Cavitation Erosion Behavior of a Type 6082 Aluminum Alloy	19961944	Materials	16	17	0	0	0	2	2
481	2023	Search for nonresonant pair production of Higgs bosons in the $b\bar{b} \rightarrow b\bar{b} A^0$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	24700010	Physical Review D	108	5	0	0	0	2	29

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							2020	2021	2022	2023	2024	
482	2023	Anomaly detection search for new resonances decaying into a Higgs boson and a generic new particle X in hadronic final states using Formula Presented pp collisions with the ATLAS detector	24700010	Physical Review D	108	5	0	0	0	0	13	
483	2023	Search for a light charged Higgs boson in t â†’ H Â± b decays, with H Â± â†’ cb, in the lepton+jets final state in proton-proton collisions at âˆšs = 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	9	0	0	0	1	5	
484	2023	5-((4-(4-Phenyldiazenyl)phenyl)diazenyl)quinolin-8-ol	14228599	Molbank	2023	3	0	0	0	0	0	
485	2023	Evaluation of the Toxicity Potential of the Metabolites of Di-Isononyl Phthalate and of Their Interactions with Members of Family 1 of Sulfotransferasesâ€”A Computational Study	14203049	Molecules	28	18	0	0	0	0	2	
486	2023	Synthesis of a Novel 2-((4,5-Diphenyl-4H-1,2,4-triazol-3-yl)thio)acetaldehyde as a Bisulfite Adduct	14228599	Molbank	2023	3	0	0	0	0	0	
487	2023	Innovative Low-Cost Composite Nanoadsorbents Based on Eggshell Waste for Nickel Removal from Aqueous Media	20794991	Nanomaterials	13	18	0	0	0	0	2	
488	2023	Effect of Feedstock Powder Intrinsic Characteristics on the Tribological Behavior of Inductively Remelted NiCrBSi Flame-Sprayed Coatings	20754442	Lubricants	11	9	0	0	0	2	3	
489	2023	A SEM-EDX Study on the Structure of Phenyl Phosphinic Hybrids Containing Boron and Zirconium	23102861	Gels	9	9	0	0	0	0	0	
490	2023	Unraveling Successful Company Organizations: A Research Design to Explore Strategies for Thriving Amid Market Turbulence	20763387	Administrative Sciences	13	9	0	0	0	0	2	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
491	2023	Search for Majorana neutrinos in same-sign WW scattering events from pp collisions at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	83	9	0	0	0	0	7
492	2023	Comparative Study on Interface Fracture of 4th Generation 3-Steps Adhesive and 7th Generation Universal Adhesive	19961944	Materials	16	17	0	0	0	0	2
493	2023	Searches for exclusive Higgs and Z boson decays into a vector quarkonium state and a photon using 139 Å fb- 1 of ATLAS $\sqrt{s}=13$ TeV proton-proton collision data	14346044	European Physical Journal C	83	9	0	0	0	1	4
494	2023	Synthesis, Characterization and Antimicrobial Activity of Multiple Morphologies of Gold/Platinum Doped Bismuth Oxide Nanostructures	16616596	International Journal of Molecular Sciences	24	17	0	0	0	0	3
495	2023	Experimental performance assessment of a novel insulation plaster as an energy-efficient retrofit solution for external walls: A key building material towards low/zero carbon buildings	2214157X	Case Studies in Thermal Engineering	49		0	0	0	2	27
496	2023	Unveiling green synergies: sustainable performance through human resource management, CSR, and corporate image under a mediated moderation framework	9441344	Environmental Science and Pollution Research	30	45	0	0	0	0	6
497	2023	Transient solidification and melting numerical simulation of lauric acid PCM filled stepped solar still basin used in water desalination process	2214157X	Case Studies in Thermal Engineering	49		0	0	0	1	7
498	2023	Combustion, performance and emission discussion of soapberry seed oil methyl ester blends and exhaust gas recirculation in common rail direct fuel injection system	3605442	Energy	278		0	0	0	3	78

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
499	2023	Neural Network-based control using Actor-Critic Reinforcement Learning and Grey Wolf Optimizer with experimental servo system validation	9574174	Expert Systems with Applications	225		0	0	0	11	57
500	2023	Nanoplatfrom-based analysis for the detection of HER3 and HER4 for gastric cancer diagnosis	9574484	Nanotechnology	34	34	0	0	0	0	1
501	2023	Strong Constraints on Jet Quenching in Centrality-Dependent p+Pb Collisions at 5.02 TeV from ATLAS	319007	Physical Review Letters	131	7	0	0	0	0	6
502	2023	A Survey on Fingerprinting Technologies for Smartphones Based on Embedded Transducers	23274662	IEEE Internet of Things Journal	10	16	0	0	0	0	4
503	2023	On the evaluation of metal-corrosion inhibitor interactions by adsorption isotherms	222860	Journal of Molecular Structure	1286		0	0	0	2	16
504	2023	Search for Heavy Neutral Leptons in Decays of W Bosons Using a Dilepton Displaced Vertex in Formula Presented Collisions with the ATLAS Detector	319007	Physical Review Letters	131	6	0	0	0	5	21
505	2023	Test of CP Invariance in Higgs Boson Vector-Boson-Fusion Production Using the $H\rightarrow\tau^+\tau^-$ Channel with the ATLAS Detector	319007	Physical Review Letters	131	6	0	0	0	0	8
506	2023	Measurement of the polarisation of W bosons produced in top-quark decays using dilepton events at s=13 TeV with the ATLAS experiment	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	843		0	0	0	1	2
507	2023	Observation of gauge boson joint-polarisation states in $W\rightarrow Z$ production from pp collisions at s=13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	843		0	0	0	1	11

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
508	2023	Constraints on the Higgs boson self-coupling from single- and double-Higgs production with the ATLAS detector using pp collisions at s=13 TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	843		0	0	0	7	43
509	2023	Search for pair-production of vector-like quarks in pp collision events at s=13 TeV with at least one leptonically decaying Z boson and a third-generation quark with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	843		0	0	0	8	18
510	2023	Studies of the muon momentum calibration and performance of the ATLAS detector with pp collisions at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	83	8	0	0	0	3	19
511	2023	New techniques for jet calibration with the ATLAS detector	14346044	European Physical Journal C	83	8	0	0	0	0	4
512	2023	Search for single production of vector-like T quarks decaying into Ht or Zt in pp collisions at (Formula presented.) TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	8	0	0	0	1	7
513	2023	Search for flavor-changing neutral-current couplings between the top quark and the Z boson with proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	108	3	0	0	0	1	7
514	2023	Search for displaced photons produced in exotic decays of the Higgs boson using 13 TeV pp collisions with the ATLAS detector	24700010	Physical Review D	108	3	0	0	0	2	6
515	2023	Measurements of the suppression and correlations of dijets in Xe+Xe collisions at Formula Presented TeV	24699985	Physical Review C	108	2	0	0	0	0	3
516	2023	Measurements of Higgs boson production by gluon-gluon fusion and vector-boson fusion using $H \rightarrow WW^* \rightarrow e\bar{\nu}_e \ell^+ \ell^-$ decays in pp collisions at Formula Presented with the ATLAS detector	24700010	Physical Review D	108	3	0	0	0	4	12

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
517	2023	Measurement of the production of a W boson in association with a charmed hadron in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	108	3	0	0	0	1	4
518	2023	Search for the charged-lepton-flavor-violating decay $Z \rightarrow e\tau^+\tau^-$ in pp collisions at $\sqrt{s} = 13$ TeV ATLAS detector	24700010	Physical Review D	108	3	0	0	0	1	6
519	2023	Evidence for the charge asymmetry in (Formula presented.) production at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	8	0	0	0	0	4
520	2023	Development of Hybrid Electrodes Based on a Ti/TiO ₂ Mesoporous/Reduced Graphene Oxide Structure for Enhanced Electrochemical Applications	20796412	Coatings	13	8	0	0	0	0	1
521	2023	Attitude of Romanian Medical Students and Doctors toward Business Ethics: Analyzing the Influence of Sex, Age, and Ethics Education	21748144	European Journal of Investigation in Health Psychology and Education	13	8	0	0	0	0	1
522	2023	Study of the Influence of the Excipients Used for the Synthesis of Microspheres Loaded with Quercetin: Their Characterization and Antimicrobial Activity	20796412	Coatings	13	8	0	0	0	2	5
523	2023	New Perspectives of Symmetry Conferred by q-Hermite-Hadamard Type Integral Inequalities	20738994	Symmetry	15	8	0	0	0	0	1
524	2023	In Vitro Study of the Multimodal Effect of Na ⁺ /K ⁺ ATPase Blocker Ouabain on the Tumor Microenvironment and Malignant Cells	22279059	Biomedicines	11	8	0	0	0	0	1
525	2023	Efficiency of Expired Drugs Used as Corrosion Inhibitors: A Review	19961944	Materials	16	16	0	0	0	1	23

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
526	2023	Calibration of the light-flavour jet mistagging efficiency of the b-tagging algorithms with Z+jets events using 139 fb ⁻¹ of ATLAS proton-proton collision data at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	83	8	0	0	0	2	32	
527	2023	Search for pair-produced vector-like top and bottom partners in events with large missing transverse momentum in pp collisions with the ATLAS detector	14346044	European Physical Journal C	83	8	0	0	0	4	14	
528	2023	Measurements of W+W ⁻ production in decay topologies inspired by searches for electroweak supersymmetry	14346044	European Physical Journal C	83	8	0	0	0	0	1	
529	2023	Proactive Decentralized Historian-Improving Legacy System in the Water Industry 4.0 Context	20711050	Sustainability Switzerland	15	15	0	0	0	2	2	
530	2023	A Study on Particulate Matter from an Area with High Traffic Intensity	20763417	Applied Sciences Switzerland	13	15	0	0	0	2	3	
531	2023	Study on the Biodegradation Process of D-Mannose Glycopolymers in Liquid Media and Soil	20734360	Polymers	15	15	0	0	0	0	0	
532	2023	Contributions to Unsupervised Online Misalignment Detection and Bumper Error Compensation for Automotive Radar	14248220	Sensors	23	15	0	0	0	0	1	
533	2023	Induced Wettability Switch in Thin Films of Conductive Polymer Coatings Exhibiting Hydrophobic/Hydrophilic Interactions	14248220	Sensors	23	15	0	0	0	0	0	
534	2023	Understanding In-Line Connections Behavior from Experimental and Numerical Analyses on Rectangular and Circular Hollow Section Elements	22277390	Mathematics	11	15	0	0	0	0	0	
535	2023	Search for an axion-like particle with forward proton scattering in association with photon pairs at ATLAS	10298479	Journal of High Energy Physics	2023	7	0	0	0	0	12	

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							2020	2021	2022	2023	2024
536	2023	Fast interpolated DTFT estimators of frequency and damping factor of real-valued damped sinusoids	2632241	Measurement Journal of the International Measurement Confederation	217		0	0	0	1	4
537	2023	Seismic risk assessment and crisis management for historical buildings in Timisoara	23527102	Journal of Building Engineering	72		0	0	0	3	8
538	2023	General criteria for hyperstability of Cauchy-type equations	19054	Aequationes Mathematicae	97	4	0	0	0	1	1
539	2023	Mathematical and computational models in spheroid-based biofabrication	17427061	Acta Biomaterialia	165		0	0	0	2	5
540	2023	Combination of searches for invisible decays of the Higgs boson using 139 fb ⁻¹ of proton-proton collision data at s=13 TeV collected with the ATLAS experiment	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	842		0	0	0	4	45
541	2023	Lung Nodule Segmentation Using Federated Active Learning		ACM International Conference Proceeding Series			0	0	0	0	0
542	2023	Assisting radiologists with transformer-based fracture detection for chest radiographs		ACM International Conference Proceeding Series			0	0	0	0	0
543	2023	A search for heavy Higgs bosons decaying into vector bosons in same-sign two-lepton final states in pp collisions at s = 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	1	5
544	2023	Combination of inclusive top-quark pair production cross-section measurements using ATLAS and CMS data at s = 7 and 8 TeV	10298479	Journal of High Energy Physics	2023	7	0	0	0	2	4
545	2023	Search for a new scalar resonance in flavour-changing neutral-current top-quark decays t → qX (q = u, c), with X → b $\bar{b}$, in proton-proton collisions at s = 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	4	7

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
546	2023	Measurement of cross sections for production of a Z boson in association with a flavor-inclusive or doubly b-tagged large-radius jet in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment	24700010	Physical Review D	108	1	0	0	0	1	0
547	2023	Measurement of the CP properties of Higgs boson interactions with $\tilde{l}_\mu$ -leptons with the ATLAS detector	14346044	European Physical Journal C	83	7	0	0	0	2	15
548	2023	Model-independent search for the presence of new physics in events including $H \rightarrow t\bar{t} \rightarrow \tau^+\tau^-$ with $\sqrt{s} = 13$ TeV pp data recorded by the ATLAS detector at the LHC	10298479	Journal of High Energy Physics	2023	7	0	0	0	0	4
549	2023	Search in diphoton and dielectron final states for displaced production of Higgs or z bosons with the ATLAS detector in $\sqrt{s}=13$ TeV pp collisions	24700010	Physical Review D	108	1	0	0	0	1	4
550	2023	Search for dark matter produced in association with a single top quark and an energetic W boson in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	14346044	European Physical Journal C	83	7	0	0	0	1	6
551	2023	Search for doubly charged Higgs boson production in multi-lepton final states using 139 fb^{-1} of proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector	14346044	European Physical Journal C	83	7	0	0	0	3	17
552	2023	ATLAS flavour-tagging algorithms for the LHC Run 2 pp collision dataset	14346044	European Physical Journal C	83	7	0	0	0	10	66
553	2023	Search for $t\bar{t} \rightarrow H/A \rightarrow t\bar{t}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	2	11

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
554	2023	Search for pair-produced scalar and vector leptoquarks decaying into third-generation quarks and first- or second-generation leptons in pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	6	8
555	2023	Search for resonant WZ production in the fully leptonic final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	7	0	0	0	1	4
556	2023	Removal of Metal Ions via Adsorption Using Carbon Magnetic Nanocomposites: Optimization through Response Surface Methodology, Kinetic and Thermodynamic Studies	23127481	Magnetochemistry	9	7	0	0	0	0	4
557	2023	Longitudinal-Transverse Vibration of a Functionally Graded Nanobeam Subjected to Mechanical Impact and Electromagnetic Actuation	20738994	Symmetry	15	7	0	0	0	0	2
558	2023	Design of a Synthetic Long Peptide Vaccine Targeting HPV-16 and -18 Using Immunoinformatic Methods	19994923	Pharmaceutics	15	7	0	0	0	1	4
559	2023	Search for new phenomena in multi-body invariant masses in events with at least one isolated lepton and two jets using $\sqrt{s} = 13$ TeV proton-proton collision data collected by the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	1	3
560	2023	Considerations on the Wear Behavior of Vacuum-Remelted ZrO ₂ -Reinforced Self-Fluxing Ni-Based Thermally Sprayed Alloys	19961944	Materials	16	14	0	0	0	0	1
561	2023	Search for long-lived, massive particles in events with displaced vertices and multiple jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	7	7

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
562	2023	Adaptive Control Strategy for a Pumping System Using a Variable Frequency Drive	20751702	Machines	11	7	0	0	0	0	5
563	2023	Search for supersymmetry in final states with missing transverse momentum and three or more b-jets in 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	7	0	0	0	5	14
564	2023	Search for third-generation vector-like leptons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	1	11
565	2023	Semi-Analytical Closed-Form Solutions for the Rikitake-Type System through the Optimal Homotopy Perturbation Method	22277390	Mathematics	11	14	0	0	0	2	2
566	2023	Flavonoids: Overview of Biosynthesis, Biological Activity, and Current Extraction Techniques	22237747	Plants	12	14	0	0	0	7	59
567	2023	Beam-Switching Antennas for 5G Millimeter-Wave Wireless Terminals	14248220	Sensors	23	14	0	0	0	0	5
568	2023	Searches for lepton-flavour-violating decays of the Higgs boson into $e\bar{\nu}_\mu$ and $\bar{\nu}_\mu e$, in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	4	14
569	2023	Search for dark photons from Higgs boson decays via ZH production with a photon plus missing transverse momentum signature from pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	1	6
570	2023	Inclusive and differential cross-sections for dilepton $t\bar{t}\gamma$ production measured in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	4	16
571	2023	Search for boosted diphoton resonances in the 10 to 70 GeV mass range using 138 fb ⁻¹ of 13 TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	5	6

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							2020	2021	2022	2023	2024
572	2023	Search for dark matter produced in association with a dark Higgs boson decaying into $W^+ W^-$ in the one-lepton final state at $\sqrt{s} = 13$ TeV using 139 fb $^{-1}$ of pp collisions recorded with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	2	2
573	2023	Measurement of exclusive pion pair production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	7	0	0	0	0	6
574	2023	Inclusive-photon production and its dependence on photon isolation in pp collisions at $\sqrt{s} = 13$ TeV using 139 fb $^{-1}$ of ATLAS data	10298479	Journal of High Energy Physics	2023	7	0	0	0	2	1
575	2023	Charged-hadron production in pp, p+Pb, Pb+Pb, and Xe+Xe collisions at $\sqrt{s_{NN}} = 5$ TeV with the ATLAS detector at the LHC	10298479	Journal of High Energy Physics	2023	7	0	0	0	3	10
576	2023	Determination of the strong coupling constant from transverse energy-energy correlations in multijet events at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	0	11
577	2023	Measurements of $Z\ell^3$ +jets differential cross sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	1	2
578	2023	Measurement of the properties of Higgs boson production at $\sqrt{s} = 13$ TeV in the $H \rightarrow \ell^+ \ell^-$ channel using 139 fb $^{-1}$ of pp collision data with the ATLAS experiment	10298479	Journal of High Energy Physics	2023	7	0	0	0	10	28
579	2023	Search for high-mass $W\ell^3$ and $Z\ell^3$ resonances using hadronic W/Z boson decays from 139 fb $^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	0	2
580	2023	Search for a new $Z\ell^2$ gauge boson in 4ℓ events with the ATLAS experiment	10298479	Journal of High Energy Physics	2023	7	0	0	0	1	4

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							2020	2021	2022	2023	2024
581	2023	One-Step Microwave-Assisted Hydrothermal Preparation of Zn-ZnO(Nw)-rGO Electrodes for Supercapacitor Applications	19961944	Materials	16	13	0	0	0	0	8
582	2023	The Paradox of Sexual Dysfunction Observed during Pregnancy	22279032	Healthcare Switzerland	11	13	0	0	0	1	3
583	2023	Pulsed TIG Cladding of a Highly Carbon-, Chromium-, Molybdenum-, Niobium-, Tungsten- and Vanadium-Alloyed Flux-Cored Wire Electrode on Duplex Stainless Steel X2CrNiMoN 22-5-3	19961944	Materials	16	13	0	0	0	0	2
584	2023	Congestion Analysis of Transport Layer in a Multicell 5G DL Communication System	14248220	Sensors	23	13	0	0	0	0	2
585	2023	Text Data Augmentation Techniques for Fake News Detection in the Romanian Language	20763417	Applied Sciences Switzerland	13	13	0	0	0	1	3
586	2023	Mathematical Models of the Phase Voltages of High-, Medium- and Low-Voltage Busbars in a Substation during a Phase-to-Ground Fault on High-Voltage Busbars	22277390	Mathematics	11	13	0	0	0	0	0
587	2023	Design Approach for Evolutionary Techniques Using Genetic Algorithms: Application for a Biped Robot to Learn to Walk and Rise after a Fall	22277390	Mathematics	11	13	0	0	0	0	1
588	2023	Search for resonant and non-resonant Higgs boson pair production in the $b\bar{b}A^-\tilde{t}, +\tilde{t}, \hat{a}^{\prime\prime}$ decay channel using 13 TeV pp collision data from the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	5	20
589	2023	Effect of TiC/RHA on solid particle erosion of Al6061 hybrid composites fabricated through a 2-step ultrasonic-assisted stir casting process	22387854	Journal of Materials Research and Technology	25		0	0	0	3	16

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							2020	2021	2022	2023	2024
590	2023	Measurement of single top-quark production in the s-channel in proton–proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	1	3
591	2023	Search for excited $\tilde{l}_\mu$ -leptons and leptoquarks in the final state with $\tilde{l}_\mu$ -leptons and jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	2	7
592	2023	Search for new phenomena in final states with photons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	7	0	0	0	2	3
593	2023	Search for leptonic charge asymmetry in $t\bar{t}W$ production in final states with three leptons at $\sqrt{s} = 13$ TeV	10298479	Journal of High Energy Physics	2023	7	0	0	0	0	2
594	2023	Exclusive dielectron production in ultraperipheral Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ATLAS	10298479	Journal of High Energy Physics	2023	6	0	0	0	2	4
595	2023	Search for heavy, long-lived, charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS experiment and the full Run 2 dataset	10298479	Journal of High Energy Physics	2023	6	0	0	0	4	12
596	2023	Nonlinear Energy-Harvesting for D2D Networks Underlaying UAV With SWIPT Using MADQN	10897798	IEEE Communications Letters	27	7	0	0	0	6	12
597	2023	Guest editorial introduction to the special issue on “Emerging control and automation technologies for advanced mechatronic systems”	9670661	Control Engineering Practice	136		0	0	0	1	2
598	2023	Rehabilitation and restauration of the main facade of historical masonry building “Romanian National Opera Timisoara	22145095	Case Studies in Construction Materials	18		0	0	0	8	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
599	2023	Increasing Trust in AI Using Explainable Artificial Intelligence for Histopathology - An Overview	9269630	Studies in Health Technology and Informatics	305		0	0	0	0	1
600	2023	The future network 2030: A simplified intelligent transportation system		Intelligent Technologies for Sensors Applications Design and Optimization for A Smart World			0	0	0	0	3
601	2023	Artificial intelligence in lean manufacturing paradigm: A review	25550403	E3s Web of Conferences	391		0	0	0	0	3
602	2023	Broadband transparency of Babinet complementary metamaterials	36951	Applied Physics Letters	122	23	0	0	0	2	2
603	2023	Measurement of $Z^0\bar{\nu}\nu$ production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	6	0	0	0	0	7
604	2023	Measurements of observables sensitive to colour reconnection in $t\bar{t}$ events with the ATLAS detector at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	83	6	0	0	0	0	0
605	2023	Search for light long-lived neutral particles that decay to collimated pairs of leptons or light hadrons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	3	11
606	2023	Searches for new phenomena in events with two leptons, jets, and missing transverse momentum in 139 fb^{-1} of $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	14346044	European Physical Journal C	83	6	0	0	0	7	19
607	2023	The Nexus of Corporate Affinity for Technology and Firm Sustainable Performance in the Era of Digitalization: A Mediated Model	20711050	Sustainability Switzerland	15	12	0	0	0	1	7
608	2023	Advanced Electrochemical Degradation of Organic Pollutants from Water Using Sb-Doped SnO ₂ /Ti Anode and Assisted by Granular Activated Carbon	20796412	Coatings	13	6	0	0	0	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
609	2023	Observation of four-top-quark production in the multilepton final state with the ATLAS detector	14346044	European Physical Journal C	83	6	0	0	0	8	38
610	2023	Studying Consensus and Disagreement during Problem Solving in Teams through Learning and Response Generation Agents Model	22277390	Mathematics	11	12	0	0	0	1	0
611	2023	Constraints on spin-0 dark matter mediators and invisible Higgs decays using ATLAS 13Â TeV pp collision data with two top quarks and missing transverse momentum in the final state	14346044	European Physical Journal C	83	6	0	0	0	2	8
612	2023	Comparative Analysis of Neonatal Effects in Pregnant Women with Cardiovascular Risk versus Low-Risk Pregnant Women	20770383	Journal of Clinical Medicine	12	12	0	0	0	1	1
613	2023	Several Quantum Hermiteâ€”Hadamard-Type Integral Inequalities for Convex Functions	25043110	Fractal and Fractional	7	6	0	0	0	3	2
614	2023	A Novel High-Efficiency Natural Biosorbent Material Obtained from Sour Cherry (Prunus cerasus) Leaf Biomass for Cationic Dyes Adsorption	19961944	Materials	16	12	0	0	0	1	8
615	2023	Correlation between Mechanical Propertiesâ€”Structural Characteristics and Cavitation Resistance of Rolled Aluminum Alloy Type 5083	20754701	Metals	13	6	0	0	0	2	3
616	2023	The Influence of Hydrofluoric Acid Temperature and Application Technique on Ceramic Surface Texture and Shear Bond Strength of an Adhesive Cement	19961944	Materials	16	12	0	0	0	1	2
617	2023	Thermal Stability and Kinetics of Degradation of Moxonidine as Pure Ingredient vs. Pharmaceutical Formulation	22279717	Processes	11	6	0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
618	2023	Synthesis and Characterization of Amorphous SiO ₂ -Fe ₃ O ₄ Materials Starting from Iron Sulfate for Preliminary Studies of CO ₂ Adsorption	22978739	Separations	10	6	0	0	0	0	1
619	2023	Authorship in Communication Science Journals: Mapping Romanian Practices	23046775	Publications	11	2	0	0	0	0	0
620	2023	Numerical Analysis of the Flow by Using a Free Runner Downstream the Francis Turbine	2504186X	International Journal of Turbomachinery Propulsion and Power	8	2	0	0	0	1	1
621	2023	Search for flavour-changing neutral current interactions of the top quark and the Higgs boson in events with a pair of τ -leptons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	3	7
622	2023	Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania	20796382	Antibiotics	12	6	0	0	0	0	1
623	2023	Measurement of the $t\bar{t}\gamma$ production cross-section in pp collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	2	3
624	2023	Cross-section measurements for the production of a Z boson in association with high-transverse-momentum jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	2	3
625	2023	Passive Power Line Communication Filter Design and Benchmarking Using Scattering Parameters	20763417	Applied Sciences Switzerland	13	11	0	0	0	2	1
626	2023	Evolution of the Payback Period for Energy-Efficient Residential Buildings in Romania in the Last Decade	20711050	Sustainability Switzerland	15	11	0	0	0	1	2
627	2023	Search for Higgs boson pair production in association with a vector boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	6	0	0	0	1	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
628	2023	Measurement of electroweak $Z(\ell^+\ell^-)\gamma^*jj$ production and limits on anomalous quartic gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	0	6
629	2023	A search for new resonances in multiple final states with a high transverse momentum Z boson in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	0	0
630	2023	Measurement of the top-quark mass using a leptonic invariant mass in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	2	7
631	2023	Search for direct pair production of sleptons and charginos decaying to two leptons and neutralinos with mass splittings near the W-boson mass in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	10	18
632	2023	Search for heavy resonances decaying into a Z or W boson and a Higgs boson in final states with leptons and b-jets in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2023	6	0	0	0	2	7
633	2023	Process parameters, structure and mechanical properties of dissimilar Nimonic 80 A/AISI 316 L resistance welded joints	255300	Materialpruefung Materials Testing	65	6	0	0	0	0	1
634	2023	Chitosan-coated iron oxide nanoparticles obtained by laser pyrolysis	26665239	Applied Surface Science Advances	15		0	0	0	1	5
635	2023	Generalized Evolution Semigroups and General Dichotomies	14226383	Results in Mathematics	78	3	0	0	0	0	1
636	2023	Theoretical and experimental study of damaged reinforced concrete shear walls strengthened with FRP composites	2638223	Composite Structures	313		0	0	0	1	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
637	2023	Combinational of surrogate modeling and particle swarm optimization for improving the electromagnetic performances of a frequency selective surface	18631703	Signal Image and Video Processing	17	4	0	0	0	0	2
638	2023	On the pathwise uniqueness of solutions to stochastic differential equations	220396	Journal of Differential Equations	355		0	0	0	0	2
639	2023	Measurement of substructure-dependent jet suppression in Pb+Pb collisions at 5.02 TeV with the ATLAS detector	24699985	Physical Review C	107	5	0	0	0	1	13
640	2023	Correlations between flow and transverse momentum in Xe + Xe and Pb + Pb collisions at the LHC with the ATLAS detector: A probe of the heavy-ion initial state and nuclear deformation	24699985	Physical Review C	107	5	0	0	0	3	18
641	2023	Production of $\tilde{\chi}^0(\text{nS})$ mesons in Pb + Pb and pp collisions at 5.02 TeV	24699985	Physical Review C	107	5	0	0	0	4	9
642	2023	Simultaneous Occurrence of Hypospadias and Bilateral Cleft Lip and Jaw in a Crossbred Calf: Clinical, Computer Tomographic, and Genomic Characterization	20762615	Animals	13	10	0	0	0	1	1
643	2023	Measurement of the nuclear modification factor of b-jets in 5.02 TeV Pb+Pb collisions with the ATLAS detector	14346044	European Physical Journal C	83	5	0	0	0	2	6
644	2023	Measurement of the total cross section and $\tilde{\sigma}_{\text{tot}}$ parameter from elastic scattering in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	83	5	0	0	0	2	23
645	2023	Effects of Hormonal Profile, Weight, and Body Image on Sexual Function in Women with Polycystic Ovary Syndrome	22279032	Healthcare Switzerland	11	10	0	0	0	0	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
646	2023	Design and Experimental Validation of a Switchable Frequency Selective Surface with Incorporated Control Network	14248220	Sensors	23	9	0	0	0	1	3
647	2023	Partial Slip Effects for Thermally Radiative Convective Nanofluid Flow	22277390	Mathematics	11	9	0	0	0	0	0
648	2023	Analysis of the Vibro-Impact Nonlinear Damped and Forced Oscillator in the Dynamics of the Electromagnetic Actuation	22277390	Mathematics	11	9	0	0	0	0	0
649	2023	Measurement of the total and differential Higgs boson production cross-sections at $\sqrt{s} = 13$ TeV with the ATLAS detector by combining the $H \rightarrow ZZ^* \rightarrow 4\ell$, “ and $H \rightarrow \tau\tau$ decay channels	10298479	Journal of High Energy Physics	2023	5	0	0	0	3	8
650	2023	Convective heat transfer enhancement using impingement jets in channels and tubes: A comprehensive review	11100168	Alexandria Engineering Journal	70		0	0	0	7	16
651	2023	Instrumental investigations of promestriene: first report regarding the solid-state characterization and compatibility with pharmaceutical excipients	13886150	Journal of Thermal Analysis and Calorimetry	148	10	0	0	0	1	0
652	2023	Numerical modelling of the mechanical behaviour of wood fibre-reinforced geopolymers	9351175	Continuum Mechanics and Thermodynamics	35	3	0	0	0	1	4
653	2023	Investigations on the influence of the triaxial state of stress on the failure of polyurethane rigid foams	9351175	Continuum Mechanics and Thermodynamics	35	3	0	1	1	4	1
654	2023	Analysis of asymptotic and exact Cram�r-Rao lower bounds on the parameters of a noisy periodic signals	10512004	Digital Signal Processing A Review Journal	135		0	0	0	0	2
655	2023	Fractional Dynamics Foster Deep Learning of COPD Stage Prediction	21983844	Advanced Science	10	12	0	0	0	5	7

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
656	2023	Numerical Study on the Behaviour of Built-up Cold-Formed Steel Corrugated Web Beams End Connections	26766957	Civil Engineering Journal Iran	9	4	0	0	0	0	8
657	2023	A Genetic Algorithm-Controlled Solar Tracker Robot with Increased Precision Due to Evolution	20751702	Machines	11	4	0	0	0	2	5
658	2023	Functional Surfaces via Laser Processing in Nickel Acetate Solution	19961944	Materials	16	8	0	0	0	1	0
659	2023	Corrosion Behavior of Coated Low Carbon Steel in a Simulated PEMFC Environment	19961944	Materials	16	8	0	0	0	1	3
660	2023	Technological Processes for Increasing the Cavitation Erosion Resistance of Nimonic 80A Superalloys	19961944	Materials	16	8	0	0	0	0	0
661	2023	Some Brassicaceae Extracts as Potential Antioxidants and Green Corrosion Inhibitors	19961944	Materials	16	8	0	0	0	1	3
662	2023	Essential Oil of Origanum vulgare var. aureum L. from Western Romania: Chemical Analysis, In Vitro and In Silico Screening of Its Antioxidant Activity	20763417	Applied Sciences Switzerland	13	8	0	0	0	2	4
663	2023	Differential ttÂˆ cross-section measurements using boosted top quarks in the all-hadronic final state with 139 fbÂˆ1 of ATLAS data	10298479	Journal of High Energy Physics	2023	4	0	0	0	3	5
664	2023	DISCRETE-TIME MODEL-BASED SLIDING MODE CONTROLLERS FOR TOWER CRANE SYSTEMS	3542025	Facta Universitatis Series Mechanical Engineering	21	1	0	0	0	2	2
665	2023	The Impact of Heavy Metal Accumulation on Some Physiological Parameters in Silphium perfoliatum L. Plants Grown in Hydroponic Systems	22237747	Plants	12	8	0	0	0	2	9
666	2023	Polymorphism of the Prolactin (PRL) Gene and Its Effect on Milk Production Traits in Romanian Cattle Breeds	23067381	Veterinary Sciences	10	4	0	0	0	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
667	2023	Low-Cost Internet-of-Things Water-Quality Monitoring System for Rural Areas	14248220	Sensors	23	8	0	0	0	6	28
668	2023	Investigation of Cubic and Spherical IONPsâ€™ Rheological Characteristics and Aggregation Patterns from the Perspective of Magnetic Targeting	23127481	Magnetochemistry	9	4	0	0	0	0	3
669	2023	Automation and Optimization of Rat Heart Decellularization Using a Vibrating Fluid Column	14248220	Sensors	23	8	0	0	0	1	0
670	2023	Polymeric Carbon Nitrides for Photoelectrochemical Applications: Ring Opening-Induced Degradation	20794991	Nanomaterials	13	7	0	0	0	0	1
671	2023	Heat and Mass Transfer Analysis for the Viscous Fluid Flow: Dual Approximate Solutions	22277390	Mathematics	11	7	0	0	0	0	4
672	2023	Energy Transition Technology: The Role of Power Electronics	189219	Proceedings of the IEEE	111	4	0	0	0	8	11
673	2023	Adsorbent Material Based on Carbon Black and Bismuth with Tunable Properties for Gold Recovery	19961944	Materials	16	7	0	0	0	0	3
674	2023	Fabrication of Flexible Supercapacitor Electrode Materials by Chemical Oxidation of Iron-Based Amorphous Ribbons	19961944	Materials	16	7	0	0	0	1	3
675	2023	Cavitation Erosion Characteristics of the EN AW-6082 Aluminum Alloy by TIG Surface Remelting	19961944	Materials	16	7	0	0	0	3	1
676	2023	Optimisation of the Heterogeneous Joining Process of AlMg3 and X2CrNiMo17-12-2 Alloy by FSW Method	19961944	Materials	16	7	0	0	0	1	0
677	2023	The application of the Theory of Critical Distances to nonhomogeneous materials	8756758X	Fatigue and Fracture of Engineering Materials and Structures	46	4	0	0	0	3	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
678	2023	Sweep-to-Unlock: Fingerprinting Smartphones Based on Loudspeaker Roll-Off Characteristics	15361233	IEEE Transactions on Mobile Computing	22	4	0	0	2	2	2
679	2023	Composites Based on Sustainable Biomass Fiber for Automotive Brake Pads	255289	Materiale Plastice	60	1	0	0	0	1	3
680	2023	Investigating the Efficiency of a Heat Recovery“Storage System Using Heat Pipes and Phase Change Materials	19961944	Materials	16	6	0	0	0	0	3
681	2023	Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids	19961073	Energies	16	6	0	0	0	1	3
682	2023	Analysis of Kerf Quality Characteristics of Kevlar Fiber-Reinforced Polymers Cut by Abrasive Water Jet	19961944	Materials	16	6	0	0	0	2	3
683	2023	On the Impact of Quarantine Policies and Recurrence Rate in Epidemic Spreading Using a Spatial Agent-Based Model	22277390	Mathematics	11	6	0	0	0	0	3
684	2023	Residents’s Satisfaction with Green Spaces and Daily Life in Small Urban Settings: Romanian Perspectives	2073445X	Land	12	3	0	0	0	2	10
685	2023	Usability Evaluation with Eye Tracking: The Case of a Mobile Augmented Reality Application with Historical Images for Urban Cultural Heritage	25719408	Heritage	6	3	0	0	0	1	4
686	2023	Robotic Arm Position Computing Method in the 2D and 3D Spaces	20760825	Actuators	12	3	0	0	0	0	2
687	2023	Glueless Multiple Input Multiple Output Dielectric Resonator Antenna with Improved Isolation	20799292	Electronics Switzerland	12	5	0	0	0	1	0
688	2023	Influence of Anti-Stripping Green Additives on Binder Performance	20711050	Sustainability Switzerland	15	5	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
689	2023	Hetero-Bimetallic Ferrocene-Containing Zinc(II)-Terpyridyl-Based Metallomesogen: Structural and Electrochemical Characterization	19961944	Materials	16	5	0	0	0	1	3
690	2023	Optimal Homotopy Asymptotic Method for an Anharmonic Oscillator: Application to the Chen System	22277390	Mathematics	11	5	0	0	0	0	1
691	2023	Microstructure and Mechanical Characteristics of Ti-Ta Alloys before and after NaOH Treatment and Their Behavior in Simulated Body Fluid	19961944	Materials	16	5	0	0	0	1	1
692	2023	Elliptic Curve Cryptography Considerations for Securing Automation and SCADA Systems	14248220	Sensors	23	5	0	0	0	7	8
693	2023	The Influence of Printing Layer Thickness and Orientation on the Mechanical Properties of DLP 3D-Printed Dental Resin	20734360	Polymers	15	5	0	0	0	2	22
694	2023	New blue pigments based on Co ²⁺ and La ³⁺ -doped hibonite for NIR-reflective coatings	24685194	Materials Today Chemistry	28		0	0	0	1	7
695	2023	Fostering firm performance through the lens of environmental leadership and knowledge learning: a mediated moderation model	9441344	Environmental Science and Pollution Research	30	15	0	0	0	2	5
696	2023	An empirical study on cyber ostracism and students' discontinuous usage intention of social networking sites during the COVID-19 pandemic: A mediated and moderated model	0191491X	Studies in Educational Evaluation	76		0	0	0	3	4
697	2023	Improved Position Sensorless Control for PMLSM via an Active Disturbance Rejection Controller and an Adaptive Full-Order Observer	939994	IEEE Transactions on Industry Applications	59	2	0	0	0	2	9

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							2020	2021	2022	2023	2024
698	2023	Impact properties of laser sintered polyamide, according to building orientation	1738494X	Journal of Mechanical Science and Technology	37	3	0	0	0	2	5
699	2023	Supercapacitor City Minibus Bonded - NdFeB IPMSM Propulsion System: Design and System Modeling Methodology via a Case Study and Laboratory Experiments	939994	IEEE Transactions on Industry Applications	59	2	0	0	0	4	1
700	2023	Improved Efficiency Optimization Control for Brushless Doubly Fed Induction Generator-DC System by Regulating Stator Frequency	8858993	IEEE Transactions on Power Electronics	38	3	0	0	0	1	3
701	2023	Perfectly conducting cylinder covered by two layers of dielectric separated by an infinitely thin impedance layer: multiple suppression of the scattered field harmonics (rigorous approach)	10944087	Optics Express	31	5	0	0	0	0	0
702	2023	Electrocatalytic degradation of organic pollutants from water		Photocatalysts and Electrocatalysts in Water Remediation from Fundamentals to Full Scale Applications			0	0	0	0	0
703	2023	New Glass Ceramic Materials Obtained from Cathode Ray Tubes Glass Wastes and Fly Ash	20711050	Sustainability Switzerland	15	4	0	0	0	0	1
704	2023	Characteristics of Hydroxyapatite-Modified Coatings Based on TiO2 Obtained by Plasma Electrolytic Oxidation and Electrophoretic Deposition	19961944	Materials	16	4	0	0	0	2	6
705	2023	Corrosion Resistance of AISI 442 and AISI 446 Ferritic Stainless Steels as a Support for PEMWE Bipolar Plates	19961944	Materials	16	4	0	0	0	2	9
706	2023	Effect of Sand Co-Presence on CrVI Removal in Fe0-H2O System	20734441	Water Switzerland	15	4	0	0	0	5	2
707	2023	Photogrammetry as a Digital Tool for Joining Heritage Documentation in Architectural Education and Professional Practice	20755309	Buildings	13	2	0	0	0	4	7

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							2020	2021	2022	2023	2024
708	2023	Microstructure and Cavitation Damage Characteristics of GX40CrNiSi25-20 Cast Stainless Steel by TIG Surface Remelting	19961944	Materials	16	4	0	0	0	3	2
709	2023	Amplifiers in Biomedical Engineering: A Review from Application Perspectives	14248220	Sensors	23	4	0	0	0	5	4
710	2023	Dynamics of a Four-Dimensional Economic Model	22277390	Mathematics	11	4	0	0	0	0	1
711	2023	Combustion Synthesis of SrAl2O4: Eu2+, Dy3+ Phosphorescent Pigments for Glow-in-the-Dark Safety Markings	20794991	Nanomaterials	13	4	0	0	0	0	1
712	2023	Multi-Core Time-Triggered OCBP-Based Scheduling for Mixed Criticality Periodic Task Systems	14248220	Sensors	23	4	0	0	0	0	1
713	2023	Easy-to-Read: Evolution and Perspectives”A Bibliometric Analysis of Research, 1978”2021	16617827	International Journal of Environmental Research and Public Health	20	4	0	0	0	1	1
714	2023	A Common-Ground Bidirectional Hybrid Switched-Capacitor DC”DC Converter with a High Voltage Conversion Ratio	19961073	Energies	16	3	0	0	0	2	3
715	2023	Energy Contour Forecasting Optimization with Smart Metering in Distribution Power Networks	14248220	Sensors	23	3	0	0	0	0	9
716	2023	Synthesis, Characterization, and Antiproliferative Properties of New Bio-Inspired Xanthylum Derivatives	14203049	Molecules	28	3	0	0	0	1	0
717	2023	D-STGCN: Dynamic Pedestrian Trajectory Prediction Using Spatio-Temporal Graph Convolutional Networks	20799292	Electronics Switzerland	12	3	0	0	0	0	9
718	2023	Î²-Phosphonated Glycine Pendant Groups Grafted on Styrene-6.7% Divinylbenzene Copolymers: Synthesis and Their Application as Photocatalysts	20763417	Applied Sciences Switzerland	13	3	0	0	0	1	1
719	2023	Investigations on Three-Section Plate-Type Electrostatic Precipitators Used in Thermoelectric Power Plants	19961073	Energies	16	3	0	0	0	0	1

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							2020	2021	2022	2023	2024
720	2023	Public Engagement with Romanian Government Social Media Accounts during the COVID-19 Pandemic	16617827	International Journal of Environmental Research and Public Health	20	3	0	0	0	1	2
721	2023	Failure mechanisms of TWCFS members considering various eccentricities	18670520	Steel Construction	16	1	0	0	0	0	2
722	2023	Enzymatic route for selective glycerol oxidation using covalently immobilized laccases	1410229	Enzyme and Microbial Technology	163		0	0	0	3	6
723	2023	On a class of Ito stochastic differential equations	0009725X	Rendiconti Del Circolo Matematico Di Palermo	72	1	0	0	0	1	0
724	2023	Artificial intelligence in improving the outcome of surgical treatment in colorectal cancer	2234943X	Frontiers in Oncology	13		0	0	0	1	0
725	2023	Averaging Model Weights Boosts Automated Lung Nodule Detection On Computed Tomography		ACM International Conference Proceeding Series			0	0	0	0	1
726	2023	Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using Transformer Neural Network		Proceedings 2023 25th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2023			0	0	0	0	1
727	2023	Secure by Design Autonomous Emergency Braking Systems in Accordance with ISO 21434		Machine Learning and Optimization Techniques for Automotive Cyber Physical Systems			0	0	0	0	1
728	2023	Thermal Energy Harvesting from Small Sources Using Thermoelectric Generators	2641287X	IEEE International Symposium for Design and Technology of Electronics Packages Siitme Conference Proceedings			0	0	0	0	0
729	2023	Improved Flying Probe-Inspired In-Circuit Tester for Practical Laboratory Activities	2641287X	IEEE International Symposium for Design and Technology of Electronics Packages Siitme Conference Proceedings			0	0	0	0	2
730	2023	From idea to prototype: Designing a CO2 detection sensor for industrial consumers using the Kano model and QFD's House of Quality	2641287X	IEEE International Symposium for Design and Technology of Electronics Packages Siitme Conference Proceedings			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
731	2023	Digital Twin Architecture for an Automated PV System with Self-Testing Capabilities	2641287X	IEEE International Symposium for Design and Technology of Electronics Packages Siitme Conference Proceedings			0	0	0	0	1
732	2023	Integrating Security into the Software Development Life Cycle: A Systematic Approach		International Conference on Electrical Computer and Energy Technologies Icecet 2023			0	0	0	0	1
733	2023	Analyzing Code Security: Approaches and Tools for Effective Review and Analysis		International Conference on Electrical Computer and Energy Technologies Icecet 2023			0	0	0	0	1
734	2023	Environmental and economic impact of steel industrial buildings made of reclaimed elements		Life Cycle of Structures and Infrastructure Systems Proceedings of the 8th International Symposium on Life Cycle Civil Engineering Ialcce 2023			0	0	0	0	2
735	2023	Life-cycle cost analysis of possible solutions for converting existing single-family house into nZEB		Life Cycle of Structures and Infrastructure Systems Proceedings of the 8th International Symposium on Life Cycle Civil Engineering Ialcce 2023			0	0	0	0	1
736	2023	Laser scanning technology for the evaluation of damage in complex building envelopes after extreme load events		Life Cycle of Structures and Infrastructure Systems Proceedings of the 8th International Symposium on Life Cycle Civil Engineering Ialcce 2023			0	0	0	0	0
737	2023	Sustainability and seismic resilience of hybrid lightweight residential buildings		Life Cycle of Structures and Infrastructure Systems Proceedings of the 8th International Symposium on Life Cycle Civil Engineering Ialcce 2023			0	0	0	0	0
738	2023	Demolition of a 65-year-old box-girder prestressed concrete bridge located in Northern Sweden		Life Cycle of Structures and Infrastructure Systems Proceedings of the 8th International Symposium on Life Cycle Civil Engineering Ialcce 2023			0	0	0	0	2
739	2023	Synthesis and Characterization of Three-Dimensional Nanoporous Copper Oxide Materials via Dealloying and Thermal Oxidation of Amorphous Ribbons	26734591	Engineering Proceedings	48	1	0	0	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
740	2023	CONSIDERATIONS REGARDING THE EFFECTS OF SHOCKS AND VIBRATIONS ON OPERATORS OF SELF-PROPELLED AGRICULTURAL EQUIPMENT	20684215	Inmateh Agricultural Engineering	71	3	0	0	0	0	0
741	2023	A STUDY ON STAINLESS STEEL 316L UTILIZING SINGLE-STEP ANODIZATION AND A DC SPUTTERING PLASMA OF SILVER COATING TO IMPROVE CORROSION RESISTANCE	15837904	Academic Journal of Manufacturing Engineering	21	4	0	0	0	0	2
742	2023	A NEW REFINEMENT OF JENSEN“TYPE INEQUALITY WITH RESPECT TO UNIFORMLY CONVEX FUNCTIONS WITH APPLICATIONS IN INFORMATION THEORY	1846579X	Journal of Mathematical Inequalities	17	4	0	0	0	0	0
743	2023	Analyses on Usage of MLP Regression with WSN Data for Predicting Room Occupancy		Proceedings 2023 IEEE 19th International Conference on Intelligent Computer Communication and Processing Conference Iccp 2023			0	0	0	0	0
744	2023	Power Supply with Condition Monitoring of the Output Capacitor via Parametric Observer		2023 11th International Conference on Control Mechatronics and Automation Iccma 2023			0	0	0	0	1
745	2023	An IoT Model for Autonomous Cars		2023 31st Telecommunications Forum Telfor 2023 Proceedings			0	0	0	0	1
746	2023	Removal of Aromatic Amino-derivatives from Aqueous Solutions Using Polymeric Supports Functionalized with Aminophosphonated/aminoacid-phosphonated Groups	255289	Materiale Plastice	60	4	0	0	0	0	0
747	2023	Enabling multimodal cross-border journey planning in the EU	23521457	Transportation Research Procedia	72		0	0	0	0	0
748	2023	A Decomposed Two-Port Network Impedance Modeling Method of Type-3 Wind Generation System with Grid-Forming Control		2023 IEEE Energy Conversion Congress and Exposition Ecce 2023			0	0	0	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
749	2023	NUMERICAL AND EXPERIMENTAL STUDY FOR POLYCARBONATE COMPOSITES UNDER STATIC AND DYNAMIC TESTS	14513749	Structural Integrity and Life	23	3	0	0	0	0	1
750	2023	Adapting to climate change: snow load assessment of snow galleries on the Iron Ore Line in Northern Sweden	22973362	Frontiers in Built Environment	9		0	0	0	0	0
751	2023	Introducing Principles of Circular Economy into Traditional Energy Sector: Barriers and Prospectives		2023 11th International Conference on Energy and Environment Ciem 2023			0	0	0	0	0
752	2023	MAGLEVs - an Overview in 2023		Proceedings of 22nd International Symposium on Power Electronics Ee 2023			0	0	0	0	0
753	2023	ALA-Rotor RSG 10MW, 480RPM-Preliminary Design with 2D Key FEM Validations		Proceedings of 22nd International Symposium on Power Electronics Ee 2023			0	0	0	0	1
754	2023	A New Highly Step-Down Quadratic Converter		Proceedings of 22nd International Symposium on Power Electronics Ee 2023			0	0	0	0	1
755	2023	Image Dehazing Guided by Low-Pass Reinforced Airlight	15224880	Proceedings International Conference on Image Processing Icip			0	0	0	0	1
756	2023	Systolic Array Architecture for Educational Use		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	0
757	2023	Exploring the Potential of OCR Integration for Object Detection in Invoices		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	0
758	2023	Defense Method against Adversarial Attacks Using JPEG Compression and One-Pixel Attack for Improved Dataset Security		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	0
759	2023	An Overview of Different Topologies for CoAP Protocol Using Contiki Operating System		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	1
760	2023	FoodMedicine - Android-Based Food Recognition App For Guiding Patients With Nutritional Diseases		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
761	2023	A Comparative Study of Car Tracking Algorithms for Road Traffic Surveillance Applications		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	1
762	2023	Evaluation of a Time Efficient Medium Access Policy: GTDMA		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	0
763	2023	Enumerating class relations weights to assess their importance in a graph representation model for detecting key classes using PageRank		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	2
764	2023	Two Discrete-Time Data-Driven Sliding Mode Controllers for Tower Crane Systems		2023 27th International Conference on System Theory Control and Computing Icstcc 2023 Proceedings			0	0	0	0	1
765	2023	Students as Open Educational Resources Co-Creators in the TalkTech Project		2023 IEEE Learning with Moocs Lwmoocs 2023 Conference Proceedings			0	0	0	0	1
766	2023	Comparison between Frequency Selective Surfaces with Rectangular and Hexagonal Periodicity Operating as Absorbers		2023 International Conference on Electromagnetics in Advanced Applications Iceaa 2023			0	0	0	0	2
767	2023	Induction Machine V/f Control with Stator Flux and Slip Frequency Compensation for Maximum Power Factor, with Experiments	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	1
768	2023	Active Flux based control of ALA Rotor SynRel with MTPA, Maximum Power Factor and Maximum Torque per Flux	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	1
769	2023	Axially laminated anisotropic (ALA) rotor reluctance synchronous motor (RSM): Comprehensive experiments characterization	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0
770	2023	Linear Induction Motor (LIM) Integrated Propulsion and Levitation MAGLEV via Ladder Type Passive Track		2023 14th International Symposium on Linear Drivers for Industry Applications Ldia 2023			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
771	2023	Steady-State Phasor Measurement by Means of a Linearized Multiharmonic Sine-Fit Algorithm		2023 13th IEEE International Workshop on Applied Measurements for Power Systems Amps 2023 Proceedings			0	0	0	0	1
772	2023	Physical Layer Intrusion Detection and Localization on CAN Bus		Machine Learning and Optimization Techniques for Automotive Cyber Physical Systems			0	0	0	1	1
773	2023	Optimizing Energy Production for Wind Turbines Operating in Variable Wind Speed Conditions		2023 International Conference on Electromechanical and Energy Systems Sielmen 2023 Proceedings			0	0	0	0	2
774	2023	The Chemical Composition of Post-Consumer Aluminium Scrap – A Challenge in Aluminium Recycling	17858860	Acta Polytechnica Hungarica	20	9	0	0	0	0	0
775	2023	Influence of the Wind Speed Amplitude on the Energy Captured by a Wind Turbine Operating at Time-Varying Wind Speeds		2023 International Conference on Electromechanical and Energy Systems Sielmen 2023 Proceedings			0	0	0	0	1
776	2023	Artificial Intelligence in Higher Education: A Bibliometric Analysis	16130073	Ceur Workshop Proceedings	3520		0	0	0	0	1
777	2023	Enhancing the Radiation Pattern of Circularly Polarized Dielectric Rod Antenna Using Planar Excitation Method	21693536	IEEE Access	11		0	0	0	0	0
778	2023	Smart Agriculture in the Digital Age: A Comprehensive IoT-Driven Greenhouse Monitoring System	18419836	International Journal of Computers Communications and Control	18	6	0	0	0	0	3
779	2023	Strength analysis of eccentrically loaded thin-walled steel lipped C-profile columns	12302945	Archives of Civil Engineering	69	3	0	0	0	0	3
780	2023	MTPA Control Strategy for ALA Rotor SynRM Based on Reactive and Apparent Power Calculation under Sensorless V/f Control with Stabilization		2023 International Conference on Electrical Drives and Power Electronics Edpe 2023 Proceedings			0	0	0	0	2
781	2023	Approach to Evaluate the Data of Moss Biomonitoring Studies: Preprocessing and Preliminary Ranking	14538245	Romanian Journal of Information Science and Technology	26	03-Apr	0	0	0	0	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
782	2023	Alternative mitigating solutions based on inorganic nanoparticles for the preservation of cultural heritage	22968016	Frontiers in Materials	10		0	0	0	2	3
783	2023	Deep Learning-Based Eye Gaze Estimation for Automotive Applications Using Knowledge Distillation	21693536	IEEE Access	11		0	0	0	0	1
784	2023	Assessing the Real Impact of Open-Source Components in Software Systems	21693536	IEEE Access	11		0	0	0	0	1
785	2023	Power System Frequency and ROCOF Measurement by Means of Electronic Instruments		26th Imeko Tc4 International Symposium and 24th International Workshop on ADC DAC Modelling and Testing			0	0	0	0	3
786	2023	Co-Creating Virtual Reality as Open Educational Resources: An Inquiry-Based Thinking Approach		Proceedings 2023 IEEE International Conference on Advanced Learning Technologies IcaIt 2023			0	0	0	0	0
787	2023	Social Analysis on the Education and Training Conditions Required by the Transformation to Digital and Green Fabrication	16628969	Advances in Science and Technology	131	AST	0	0	0	1	0
788	2023	Explainability-Enhanced Neural Network forÂ Thoracic Diagnosis Improvement	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	14184	LNCS	0	0	0	0	0
789	2023	OPPORTUNITIES REGARDING THE INNOVATIVE CONSERVATION OF THE ROMANIAN VERNACULAR URBANISTIC HERITAGE	2067533X	International Journal of Conservation Science	14	3	0	0	0	0	4
790	2023	CONSERVATION OF AQUATIC ECOSYSTEMS BY CONSTRAINING NITROGEN POLLUTION THROUGH AQUACULTURE EFFLUENTS	2067533X	International Journal of Conservation Science	14	3	0	0	0	0	0
791	2023	Experimental modeling of abrasive water-jet cutting processes of Kevlar fiber-reinforced polymer composites	17426588	Journal of Physics Conference Series	2540	1	0	0	0	1	0
792	2023	Sustainable development indicators in the steel industry	17426588	Journal of Physics Conference Series	2540	1	0	0	0	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
793	2023	Influence of thermal stresses on the phenomenon of thermal fatigue of rolling cylinders	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	1
794	2023	Optimizing the operation of photovoltaic panels using mathematical regression models	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	2
795	2023	Dynamic study through numerical simulations of MacPherson suspension and static analysis of shock absorber components	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	1
796	2023	Design and optimization study of a resistance structure for an industrial storage platform supporting injection molding tools for the automotive industry	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	0
797	2023	Romania in the energy transition, for small prosumers - post pandemic and the Ukraine war	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	1
798	2023	X-ray analysis of welding parameters influence on pressure vessel steel P355 N	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	1
799	2023	Management of the process of moulding-casting a steel part in order to optimize it	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	1
800	2023	Cavitation behavior study of the aging heat treated aluminum alloy 7075	17426588	Journal of Physics Conference Series	2540	1	0	0	0	0	0	0
801	2023	VALERIAN EXTRACT USED AS POTENTIAL CORROSION INHIBITOR FOR CARBON STEEL IN DIFFERENT MEDIA	12247154	Studia Universitatis Babes Bolyai Chemia	2023	3	0	0	0	0	0	0
802	2023	Evaluating the Cavitation Erosion of 7075-T651 Aluminum Alloy Heat Treated by Artificial Aging at 140 Â°C for 12 Hours	10120394	Solid State Phenomena	349		0	0	0	0	0	0
803	2023	Occupational Safety with Artificial Intelligence Application for Ergonomic Risk Assessment	23673370	Lecture Notes in Networks and Systems	701 LNNS		0	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
804	2023	Ergonomics for Employeesâ€™ Satisfaction in Lean Manufacturing Systems	23673370	Lecture Notes in Networks and Systems	701 LNNS		0	0	0	0	0	
805	2023	The behavior of steel beams with triangular welded hollow flange	24523216	Procedia Structural Integrity	47		0	0	0	0	1	
806	2023	The notch effect on additive manufactured polymers	24523216	Procedia Structural Integrity	47		0	0	0	1	3	
807	2023	Intelligent Proportional Controller Tuned by Virtual Reference Feedback Tuning and Fictitious Reference Iterative Tuning	18770509	Procedia Computer Science	221		0	0	0	0	1	
808	2023	NTIRE 2023 HR NonHomogeneous Dehazing Challenge Report	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2023-June		0	0	0	1	12	
809	2023	Monotonic and Cyclic Modelling of Structural Steel for Finite Element Analysis	10139826	Key Engineering Materials	953		0	0	0	0	1	
810	2023	Experimental Investigation of Monotonic and Cyclic Behaviour of High-Performance Steels	10139826	Key Engineering Materials	953		0	0	0	0	2	
811	2023	Analysis of Mechanical Performance of Cementitious Materials with Spent Garnets as Fine Grain Aggregate Partial Replacement	10139826	Key Engineering Materials	953		0	0	0	0	1	
812	2023	Ultrasonic and VCSEL sensor fusion for distance measurement in parking assistance		Proceedings 2023 24th International Conference on Control Systems and Computer Science Cscs 2023			0	0	0	0	0	
813	2023	An Industry 4.0 Oriented Predictive Maintenance Solution Deployed in Real-World Automotive Manufacturing Facilities		Proceedings 2023 24th International Conference on Control Systems and Computer Science Cscs 2023			0	0	0	0	0	
814	2023	Numerical Simulation of the Coating Process of Some Metals by Electrical Discharge Deposition	10139826	Key Engineering Materials	952		0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
815	2023	The Influence of Heat Treatment Applied to 100Cr6 Steel on Microstructure and Hardness	10139826	Key Engineering Materials	952		0	0	0	0	0
816	2023	MYRICETIN AS CORROSION INHIBITOR FOR METALS IN ALCOHOLIC SOLUTIONS	12247154	Studia Universitatis Babes Bolyai Chemia	2023	2	0	0	0	0	1
817	2023	100kW 6-12krpm ALA rotor traction motor: preliminary design with key electromagnetic FEM validation		Eurocon 2023 20th International Conference on Smart Technologies Proceedings			0	0	0	0	0
818	2023	Analysis of interactions between human immune system and a pathogenic virus	15842851	Carpathian Journal of Mathematics	39	2	0	0	0	1	0
819	2023	LIFE CYCLE ANALYSIS OF STEEL MADE IN THE ELECTRIC ARC FURNACE WITH ECCENTRIC BOTTOM TAPPING	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	85	3	0	0	0	0	2
820	2023	HEAT TREATMENT PARAMETERS INFLUENCE ON THE CAVITATION RESISTANCE OF AN ALUMINUM ALLOY	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	85	3	0	0	0	0	1
821	2023	Smart IoT device for measuring body angular velocity and centralized assesing of balance and control in fencing		2023 International Symposium on Signals Circuits and Systems Isscs 2023			0	0	0	1	0
822	2023	5G DL Throughput Measurement using Massive MIMO Channel System Tool with Beamforming		2023 International Symposium on Signals Circuits and Systems Isscs 2023			0	0	0	0	1
823	2023	Scoping A Document On Recommended Practices For Synthetic Aperture Radiometry		Icasspw 2023 2023 IEEE International Conference on Acoustics Speech and Signal Processing Workshops Proceedings			0	0	0	0	1
824	2023	The influence of insulation active power losses on the single line-to-ground fault in medium voltage electrical networks with resonant grounding		Proceedings of 2023 10th International Conference on Modern Power Systems Mps 2023			0	0	0	0	1
825	2023	Evaluating the Collective Impact of Nonlinear Residential and Commercial Equipment on Power Quality		Proceedings of 2023 10th International Conference on Modern Power Systems Mps 2023			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
826	2023	Matlab Simulink Simulation of Faults and Abnormal Operating Regimes in a Medium Voltage Network with Isolated Neutral for the Purpose of Coordinating Protection Settings		Proceedings of 2023 10th International Conference on Modern Power Systems Mps 2023			0	0	0	0	1
827	2023	Fictitious Reference Iterative Tuning of Intelligent Proportional-Integral Controllers for Tower Crane Systems		2023 31st Mediterranean Conference on Control and Automation MED 2023			0	0	0	1	2
828	2023	Mitigating risks in railway tunnel maintenance: A pilot study on air quality management during drainage flushing	23311916	Cogent Engineering	10	1	0	0	0	0	1
829	2023	An Analysis of Extended and Dilated Filters in Sharpening Algorithms	21693536	IEEE Access	11		0	0	0	0	4
830	2023	Improvements On The P&O Method For PV Panels		Proceedings 2023 IEEE 5th Global Power Energy and Communication Conference Gpecom 2023			0	0	0	0	2
831	2023	PV Panel Monitoring Using Arduino And LabVIEW		Proceedings 2023 IEEE 5th Global Power Energy and Communication Conference Gpecom 2023			0	0	0	0	2
832	2023	Automation of Decellularization Process Using Artificial Neural Networks		2023 17th International Conference on Engineering of Modern Electric Systems Emes 2023			0	0	0	0	0
833	2023	A Brief Review of the Most Recent Activation Functions for Neural Networks		2023 17th International Conference on Engineering of Modern Electric Systems Emes 2023			0	0	0	1	3
834	2023	An Upgrade of MIT SAR Radar Project		2023 17th International Conference on Engineering of Modern Electric Systems Emes 2023			0	0	0	0	1
835	2023	Time Series Forecasting And Big Data: Can An Ensemble Of Weak Learners Decrease Costs While Maintaining Accuracy?		2023 17th International Conference on Engineering of Modern Electric Systems Emes 2023			0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
836	2023	MAYONNAISES FROM FRESH OR FROZEN EGG YOLK WITH RAPESEED AND SESAME OILS -THE INFLUENCE OF EGG YOLK FREEZING AND STORAGE TIME AND OILS RATIO	18571727	Chemistry Journal of Moldova	18	1	0	0	0	0	0
837	2023	A Proposed Model for 3D Printing Education in the University	21940525	Lecture Notes in Production Engineering	Part F1164		0	0	0	0	0
838	2023	Design and Implementation of a Greenhouse Monitoring and Control System	21612528	Proceedings of the International Spring Seminar on Electronics Technology	2023-May		0	0	0	0	0
839	2023	Extracurricular Environment for Electronics Packaging Knowledge Integration	21612528	Proceedings of the International Spring Seminar on Electronics Technology	2023-May		0	0	0	0	2
840	2023	Data Analysis for Several Dye-Sensitized Solar Cells Tested at Different Wavelengths and Lighting Conditions	21612528	Proceedings of the International Spring Seminar on Electronics Technology	2023-May		0	0	0	1	0
841	2023	Exploring the Photo-Electrochemical Processes of the Parallel Connected DSSCs in Indoor Conditions	21612528	Proceedings of the International Spring Seminar on Electronics Technology	2023-May		0	0	0	2	3
842	2023	CAN-LOC: Spoofing Detection and Physical Intrusion Localization on an In-Vehicle CAN Bus Based on Deep Features of Voltage Signals	15566013	IEEE Transactions on Information Forensics and Security	18		0	0	0	3	5
843	2023	Design and SAR Analysis of AMC-Based Fabric Antenna for Body-Centric Communication	21693536	IEEE Access	11		0	0	0	1	14
844	2023	Wind System Control at Time-Varying Wind Speeds Using the Perturb and Observe Method		Saci 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
845	2023	Fingerprinting Smartphone Accelerometers with Traditional Classifiers and Deep Learning Networks		Saci 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
846	2023	Mesh Network with Telepresence Robots for Advertising		Saci 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1

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							2020	2021	2022	2023	2024		
847	2023	The impact of age on NBA player's performances: A Data Mining approach		Saci 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
848	2023	Bounding Box Supervision Benefits Lung Pathology Classification in Pulmonary X-Rays		Saci 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
849	2023	Method for Autonomous Lane Detection in Assisted Driving		Saci 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
850	2023	Development of a bridge load test procedure for low temperature conditions		Bridge Safety Maintenance Management Life Cycle Resilience and Sustainability Proceedings of the 11th International Conference on Bridge Maintenance Safety and Management labmas 2022			0	0	0	2	0		
851	2023	Irrigation Management in Romania		Handbook of Irrigation Hydrology and Management Irrigation Case Studies			0	0	0	0	0		
852	2023	Prostate Cancer Classifier based on Three-Dimensional Magnetic Resonance Imaging and Convolutional Neural Networks	15614042	Computer Science Journal of Moldova	31	1	0	0	0	0	1		
853	2023	MIMO Antenna Optimization: From Configuring Structure to Sizing with the aid of Neural Network		Proceedings of the 16th IEEE Dallas Circuits and Systems Conference Dcas 2023			0	0	0	0	2		
854	2023	Type Synthesis of the Mechanisms with Linear Actuation Useful for Orientation Modules	22110984	Mechanisms and Machine Science	127		0	0	0	1	0		
855	2023	Synthesis of an Automation System for the PCR (Polymerase Chain Reaction) Samples Preparation Process	22110984	Mechanisms and Machine Science	127		0	0	0	0	1		
856	2023	Optimization of Marker Design in Garment Industry on the Criterion of Utility Coefficient	22110984	Mechanisms and Machine Science	127		0	0	0	0	1		
857	2023	A Review on Mechanisms Used for the Reconfigurable Wheelchairs	22110984	Mechanisms and Machine Science	127		0	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
858	2023	Design in Modern Information Systems by Applying Cloud Technologies	23122498	Journal of Engineering Sciences Ukraine	10	1	0	0	0	0	2
859	2023	Digital challenges to empower universities' implication in the community	1672533	Human Systems Management	42	2	0	0	0	0	0
860	2023	Organizational learning from errors and organizational effectiveness: A dual mediation model	1672533	Human Systems Management	42	2	0	0	0	0	0
861	2023	Analytical Synthesis of Five-Bar Linkage 5-RPRPR	22110984	Mechanisms and Machine Science	134 MMS		0	0	0	0	0
862	2023	The Use of Accelerometers to Track Changes in Cobb Angles During Scoliosis Rehabilitation Exercises	22110984	Mechanisms and Machine Science	133 MMS		0	0	0	0	0
863	2023	Analytical Synthesis of the Seven-Bar Linkage 7-RR(RRRR)RR Used for Medical Disinfection Robot	22110984	Mechanisms and Machine Science	134 MMS		0	0	0	0	3
864	2023	Development of Orientation Modules with Linear Actuation	22110984	Mechanisms and Machine Science	134 MMS		0	0	0	0	0
865	2023	Wire Actuation Mechanism for Wrist Exoskeleton	22110984	Mechanisms and Machine Science	133 MMS		0	0	0	0	1
866	2023	On the Use of Quaternions, in the Translated Reference Frame Formalism	17858860	Acta Polytechnica Hungarica	20	6	0	0	0	0	8
867	2023	PM-free electric motor powertrains in road and rail transport: an overview		2023 IEEE International Conference on Electrical Systems for Aircraft Railway Ship Propulsion and Road Vehicles and International Transportation Electrification Conference Esars Itec 2023			0	0	0	2	2
868	2023	Active Flux Observer-Based High-Speed Control of a Permanent Magnet Synchronous Motor		13th International Symposium on Advanced Topics in Electrical Engineering Atee 2023			0	0	0	0	2
869	2023	MATLAB Library for Simulation of High Impedance Faults in Distribution Networks and Related Protective Relay Behaviour Analysis		13th International Symposium on Advanced Topics in Electrical Engineering Atee 2023			0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
870	2023	The Creation Method of a Solar Tracker Using the Zybo SoC		2023 33rd International Conference Radioelektronika Radioelektronika 2023			0	0	0	0	3	
871	2023	Seismic assessment of typical historical masonry churches in the Banat region, Romania - Part II	24523216	Procedia Structural Integrity	44		0	0	0	4	3	
872	2023	Seismic Assessment of Typical Historical Masonry Churches in Banat region, Romania - Part I	24523216	Procedia Structural Integrity	44		0	0	0	6	3	
873	2023	Slime Mold Algorithm-Based Performance Improvement of PD-Type Indirect Iterative Learning Fuzzy Control of Tower Crane Systems		2023 57th Annual Conference on Information Sciences and Systems Ciss 2023			0	0	0	0	1	
874	2023	Powdered adsorbent obtained from bathurst burr biomass for methylene blue removal from aqueous solutions	3525139	Journal of the Serbian Chemical Society	88	3	0	0	0	0	1	
875	2023	The influence of solvents on the appearance of the absorption bands of the polystyrene films deposited from solutions on metal mirrors	785466	Optica Applicata	53	1	0	0	0	0	1	
876	2023	ROBUSTNESS CAPACITY OF MULTISTOREY STEEL STRUCTURES IN CASE OF FIRE AFTER EARTHQUAKE EVENTS	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	24	1	0	0	0	0	1	
877	2023	EFFECTS OF PULSED ELECTRIC FIELD ON THE ESTERIFICATION REACTIONS	12247154	Studia Universitatis Babes Bolyai Chemia	2023	1	0	0	0	0	2	
878	2023	New Opportunities Model for Monitoring, Analyzing and Forecasting the Official Statistics on Coronavirus Disease Pandemic	14538245	Romanian Journal of Information Science and Technology	26	1	0	0	0	2	11	
879	2023	Towards User Experience Guidelines for Mobile Augmented Reality Storytelling with Historical Images in Urban Cultural Heritage	21987246	Springer Proceedings in Business and Economics			0	0	0	1	0	
880	2023	Creating Virtual Reality Stories for Cultural Heritage Through Student Contest	21987246	Springer Proceedings in Business and Economics			0	0	0	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
881	2023	Fictitious Reference Iterative Tuning of Discrete-Time Model-Free Control for Tower Crane Systems	12201766	Studies in Informatics and Control	32	1	0	0	0	4	5
882	2023	CAVITATIONAL EROSION RESISTANCE CONSIDERATIONS FOR ALLOY 6082 STATE T651	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	85	1	0	0	0	0	0
883	2023	The curse and blessing of abundance – the evolution of drug interaction databases and their impact on drug network analysis	2047217X	Gigascience	12		0	0	0	0	5
884	2023	Identifying Hot Information Security Topics Using LDA and Multivariate Mann-Kendall Test	21693536	IEEE Access	11		0	0	0	2	1
885	2023	Design, Analysis and Applications of Wearable Antennas: A Review	21693536	IEEE Access	11		0	0	0	17	64
886	2023	Assessment of digital maturity: the role of resources and capabilities in digital transformation in B2B firms	207543	International Journal of Production Research	61	23	0	0	0	3	15
887	2023	A 37 GHz Millimeter-Wave Antenna Array for 5G Communication Terminals	15462218	Computers Materials and Continua	75	1	0	0	0	0	0
888	2023	Theoretical Study of Security for a Software Product	23673370	Lecture Notes in Networks and Systems	578		0	0	0	2	1
889	2023	Particularities of flue gases from energy installations on the process of continuous flow capture for CO2 by direct methanation	17551307	Iop Conference Series Earth and Environmental Science	1128	1	0	0	0	0	1
890	2023	Implementation of water related Sustainable Development Goals in Romania: overview of current and future challenges	17551307	Iop Conference Series Earth and Environmental Science	1136	1	0	0	0	0	2
891	2023	Reducing operating costs in district heating systems by optimizing functional parameters. Comparative studies	17551307	Iop Conference Series Earth and Environmental Science	1136	1	0	0	0	0	0
892	2023	Enhanced affinity law for centrifugal pumps at variable speed	17551307	Iop Conference Series Earth and Environmental Science	1136	1	0	0	0	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
893	2023	Biologic Impact of Green Synthetized Magnetic Iron Oxide Nanoparticles on Two Different Lung Tumorigenic Monolayers and a 3D Normal Bronchial Modelâ€™EpiAirwayTM Microtissue	19994923	Pharmaceutics	15	1	0	0	0	1	9
894	2023	Influence of Al2O3 Nanoparticles Addition in ZA-27 Alloy-Based Nanocomposites and Soft Computing Prediction	20754442	Lubricants	11	1	0	0	0	3	8
895	2023	Post-Quantum Integral Inequalities for Three-Times (p,q)-Differentiable Functions	20738994	Symmetry	15	1	0	0	0	2	1
896	2023	Parametric Study on Built-Up Cold-Formed Steel Beams with Web Openings Connected by Spot Welding	20755309	Buildings	13	1	0	0	0	0	4
897	2023	Synthesis and Characterisation of Monolacunary Keggin Monovanado-decatungstophosphate and Its Complexes with Transition Metal Cations	19961944	Materials	16	2	0	0	0	1	1
898	2023	Education Beats at the Heart of the Sustainability in Thailand: The Role of Institutional Awareness, Image, Experience, and Student Volunteer Behavior	20711050	Sustainability Switzerland	15	2	0	0	0	2	0
899	2023	Implementation of Parameter Observer for Capacitors	14248220	Sensors	23	2	0	0	0	3	1
900	2023	The effect of process parameters on mechanical characteristics of specimens obtained via DLP additive manufacturing technology	22147853	Materials Today Proceedings	78		0	0	0	0	5
901	2023	The Repercussions of Economic Growth, Industrialization, Foreign Direct Investment, and Technology on Municipal Solid Waste: Evidence from OECD Economies	20711050	Sustainability Switzerland	15	1	0	0	0	7	11

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
902	2023	Gold Nanoparticles/Nanographene-Based 3D Sensors Integrated in Mini-Platforms for Thiamine Detection	14248220	Sensors	23	1	0	0	0	2	1
903	2023	Silver Nanoparticle Synthesis via Photochemical Reduction with Sodium Citrate	16616596	International Journal of Molecular Sciences	24	1	0	0	0	4	7
904	2023	Insights on the Performance of Public Procurement for Water Utilities Works	20711050	Sustainability Switzerland	15	1	0	0	0	1	0
905	2023	CarTwin”Development of a Digital Twin for a Real-World In-Vehicle CAN Network	20763417	Applied Sciences Switzerland	13	1	0	0	0	3	4
906	2023	The Impact of Competitive Strategies on Performance of Banking Sector; The Mediating Role of Corporate Social Responsibility and Operational Excellence	19961073	Energies	16	1	0	0	0	3	7
907	2023	MIMO Antenna Design Through Genetic Algorithm	23673370	Lecture Notes in Networks and Systems	605 LNNS		0	0	0	1	1
908	2023	Anodic sulphite oxidation on lead electrode in a neutral environment	22147853	Materials Today Proceedings	78		0	0	0	1	0
909	2023	Micro-actuation in bi-layered shape memory alloy structures	22147853	Materials Today Proceedings	78		0	0	0	0	0
910	2023	Selection, Dimensioning and Maintenance of Roller Bearings	23673370	Lecture Notes in Networks and Systems	592 LNNS		0	0	0	5	10
911	2023	Effect of sample shape on compression behavior of aluminum foams	22147853	Materials Today Proceedings	78		0	0	0	2	2
912	2023	Numerical analysis of a glass “ Adhesive “ Steel bonding	22147853	Materials Today Proceedings	78		0	0	0	0	0
913	2023	Numerical and experimental study for FDM printed specimens from PLA under IZOD impact tests	22147853	Materials Today Proceedings	78		0	0	0	1	4
914	2023	Experiments on Nd:YAG pulsed laser welding of thin sheets	22147853	Materials Today Proceedings	78		0	0	0	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
915	2023	Multi-Channel Implantable Cubic Rectenna MIMO System with CP Diversity in Orthogonal Space for Enhanced Wireless Power Transfer in Biotelemetry	0018926X	IEEE Transactions on Antennas and Propagation	71	1	0	0	0	2	8
916	2023	Synthesis of nanoporous copper by dealloying CuZrAl and CuZrAlAg amorphous ribbons in acidic solution	22147853	Materials Today Proceedings	72		0	0	0	1	1
917	2023	Shake table test and numerical analyses of a thin-walled Cold-Formed Steel structure: Part 1 " Investigation of the structural skeleton without claddings	2638231	Thin Walled Structures	182		0	0	0	0	3
918	2023	Influence of printing conditions on the mechanical properties of copper-polylactic acid composites obtained by 3D printing fused deposition modelling	22147853	Materials Today Proceedings	72		0	0	0	2	4
919	2023	Local/distortional and overall interactive buckling of thin-walled cold-formed steel columns with open cross-section	2638231	Thin Walled Structures	182		0	0	0	2	6
920	2023	Corrosion resistance of NiCr(Ti) coatings for metallic bipolar plates	22147853	Materials Today Proceedings	72		0	0	2	5	9
921	2023	The relationship between firms' financial performance and performance measures of circular economy sustainability: an investigation of the G7 countries	1331677X	Economic Research Ekonomska Istrazivanja	36	1	0	0	0	3	14
922	2023	Colored Petri nets-based control and experimental validation on three-tank system level control	3081079	International Journal of General Systems	52	1	0	0	1	2	1
923	2023	Mechanical characterization of additively manufactured photopolymerized polymers	15376494	Mechanics of Advanced Materials and Structures	30	9	0	0	0	4	4
924	2023	Optimal tuning of interval type-2 fuzzy controllers for nonlinear servo systems using Slime Mould Algorithm	207721	International Journal of Systems Science	54	15	0	8	24	25	23

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
925	2023	Whether rising tide has lifted all the boats? Effect of inter-governmental transfers on household income inequality in Pakistan	10769307	International Journal of Finance and Economics	28	1	0	0	0	0	1
926	2022	Comparative RNA-Sequencing Analysis Reveals High Complexity and Heterogeneity of Transcriptomic and Immune Profiles in Hepatocellular Carcinoma Tumors of Viral (HBV, HCV) and Non-Viral Etiology	1010660X	Medicina Lithuania	58	12	0	0	0	1	4
927	2022	In Situ Deposition of Reduced Graphene Oxide on Ti Foil by a Facile, Microwave-Assisted Hydrothermal Method	20796412	Coatings	12	12	0	0	0	3	3
928	2022	Organizational Agility and Sustainable Manufacturing Practices in the Context of Emerging Economy: A Mediated Moderation Model	22279717	Processes	10	12	0	0	0	2	5
929	2022	Investigation of Catalytic and Photocatalytic Degradation of Methyl Orange Using Doped LaMnO3 Compounds	22279717	Processes	10	12	0	0	0	1	3
930	2022	Metal Ions Removal from Contaminated Water Using Membranes Functionalized with Ionic Liquids	20734441	Water Switzerland	14	24	0	0	0	3	0
931	2022	A Particular Case of Urban Sustainability: Comparison Study of the Efficiency of Multiple Thermal Insulations for Buildings	20711050	Sustainability Switzerland	14	23	0	0	0	2	4
932	2022	Nonlinear Vibration of Double-Walled Carbon Nanotubes Subjected to Mechanical Impact and Embedded on Winkler–Pasternak Foundation	19961944	Materials	15	23	0	0	0	4	2
933	2022	Actuating Bimorph Microstructures with Magnetron-Sputtered Ti-Ni-Cu Shape Memory Alloy Films	20794991	Nanomaterials	12	23	0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
934	2022	Design of Nanostructured Hybrid Electrodes Based on a Liquid Crystalline Zn(II) Coordination Complex-Carbon Nanotubes Composition for the Specific Electrochemical Sensing of Uric Acid	20794991	Nanomaterials	12	23	0	0	0	4	2
935	2022	Methanotrophy by a Mycobacterium species that dominates a cave microbial ecosystem	20585276	Nature Microbiology	7	12	0	0	0	15	12
936	2022	Deep neural learning based optimization for automated high performance antenna designs	20452322	Scientific Reports	12	1	0	0	0	7	5
937	2022	Buckling strength and post-ultimate behaviour of lipped channel section short columns under eccentric compression	2638231	Thin Walled Structures	181		0	0	0	2	2
938	2022	Near-infrared reflective Ni, La-doped hibonite pigments for cool blue coatings	2728842	Ceramics International	48	23	0	0	0	5	8
939	2022	Extended Kalman filter and Takagi-Sugeno fuzzy observer for a strip winding system	9574174	Expert Systems with Applications	208		0	0	1	11	21
940	2022	Improved Position Sensorless Piston Stroke Control Method for Linear Oscillatory Machine via an Hybrid Terminal Sliding-Mode Observer	8858993	IEEE Transactions on Power Electronics	37	12	0	0	0	4	3
941	2022	Highly efficient engineered waste eggshell-fly ash for cadmium removal from aqueous solution	20452322	Scientific Reports	12	1	0	0	2	8	6
942	2022	AtFast3: The Next Generation of Fast Simulation in ATLAS	25102044	Computing and Software for Big Science	6	1	0	0	4	16	31
943	2022	Design and implementation of compact dual-band conformal antenna for leadless cardiac pacemaker system	20452322	Scientific Reports	12	1	0	0	3	8	17
944	2022	Emulating the impact of additional proton-proton interactions in the ATLAS simulation by presampling sets of inelastic Monte Carlo events	25102044	Computing and Software for Big Science	6	1	0	0	2	1	3

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							2020	2021	2022	2023	2024
945	2022	Free runner concept downstream of Francis turbines	0094243X	Aip Conference Proceedings	2611		0	0	0	0	0
946	2022	Highly sensitive and simultaneous electrochemical determinations of non-steroidal anti-inflammatory drugs in water using nanostructured carbon-based paste electrodes	489697	Science of the Total Environment	846		0	0	1	1	7
947	2022	PI Controller Tuning via Data-Driven Algorithms for Shape Memory Alloy Systems	24058963	IFAC Papersonline	55	40	0	0	0	3	3
948	2022	Untargeted Metabolomic Approach of Curcuma longa to Neurodegenerative Phytocarrier System Based on Silver Nanoparticles	20763921	Antioxidants	11	11	0	0	0	4	7
949	2022	Two Years of Hybrid Education in Romania: A Comparative Overview of the Studentsâ€™™ Expectations for the Online Educational Platforms	20711050	Sustainability Switzerland	14	21	0	0	0	2	1
950	2022	Synthesis and Characterization of Bioactive Magnetic Nanoparticles from the Perspective of Hyperthermia Applications	23127481	Magnetochemistry	8	11	0	0	0	2	4
951	2022	The Macroeconomic Implications of the Transition of the Forestry Industry towards Bioeconomy	19994907	Forests	13	11	0	0	0	0	4
952	2022	Measurement of the polarisation of single top quarks and antiquarks produced in the t-channel at âˆšs = 13 TeV and bounds on the tWb dipole operator from the ATLAS experiment	10298479	Journal of High Energy Physics	2022	11	0	0	1	4	2
953	2022	Energy Crisis, Firm Productivity, Political Crisis, and Sustainable Growth of the Textile Industry: An Emerging Economy Perspective	20711050	Sustainability Switzerland	14	22	0	0	0	4	4

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							2020	2021	2022	2023	2024
954	2022	Quantitative Analysis of Solar Photovoltaic Panel Performance with Size-Variied Dust Pollutants Deposition Using Different Machine Learning Approaches	14203049	Molecules	27	22	0	0	0	3	5
955	2022	A Neuro-Symbolic Classifier with Optimized Satisfiability for Monitoring Security Alerts in Network Traffic	20763417	Applied Sciences Switzerland	12	22	0	0	0	1	3
956	2022	Software for Monitoring the In-Service Efficiency of Hydraulic Pumps	20763417	Applied Sciences Switzerland	12	22	0	0	0	1	0
957	2022	Geospatial Technologies Used in the Management of Water Resources in West of Romania	20734441	Water Switzerland	14	22	0	0	0	1	0
958	2022	Electric Power Quality through Analysis and Experiment	19961073	Energies	15	21	0	0	0	2	3
959	2022	Development of the Zn-ZnO(Nw)@CuMnO2 Heterojunction by Low Temperature Zn Foil Oxidation for Gas Sensor Fabrication	20796412	Coatings	12	11	0	0	0	3	1
960	2022	Modelling, Simulation and Controlling of a Multi-Pump System with Water Storage Powered by a Fluctuating and Intermittent Power Source	22277390	Mathematics	10	21	0	0	0	7	3
961	2022	Approximate Closed-Form Solutions for the Maxwell-Bloch Equations via the Optimal Homotopy Asymptotic Method	22277390	Mathematics	10	21	0	0	0	1	4
962	2022	Cybersecurity Comparison of Brain-Based Automotive Electrical and Electronic Architectures	20782489	Information Switzerland	13	11	0	0	0	3	4
963	2022	Correlation between Mechanical Properties and Structural Characteristics and Cavitation Resistance of Cast Aluminum Alloy Type 5083	20734352	Crystals	12	11	0	0	0	6	4

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							2020	2021	2022	2023	2024
964	2022	Magnetic Forces by Permanent Magnets to Manipulate Magnetoresponsive Particles in Drug-Targeting Applications	2072666X	Micromachines	13	11	0	0	0	2	4
965	2022	Qualitative Characterization and Antifungal Activity of Romanian Honey and Propolis	20796382	Antibiotics	11	11	0	0	0	6	8
966	2022	Decellularized Extracellular Matrix Scaffolds for Cardiovascular Tissue Engineering: Current Techniques and Challenges	16616596	International Journal of Molecular Sciences	23	21	0	0	0	16	19
967	2022	Search for type-III seesaw heavy leptons in leptonic final states in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	14346044	European Physical Journal C	82	11	0	0	1	10	2
968	2022	Medical informatics and digital health multilingual ontology (MIMO): A tool to improve international collaborations	13865056	International Journal of Medical Informatics	167		0	0	0	5	8
969	2022	New insights into corporate sustainability, environmental management and corporate financial performance in European Union: an application of VAR and Granger causality approach	9441344	Environmental Science and Pollution Research	29	55	0	0	1	4	12
970	2022	Multipartite Entanglement Detection Via Projective Tensor Norms	14240637	Annales Henri Poincare	23	11	0	0	1	2	2
971	2022	Highly efficient dye-sensitized solar cells for wavelength-selective greenhouse: A promising agrivoltaic system	0363907X	International Journal of Energy Research	46	13	0	0	3	5	10
972	2022	Effect of the manufacturing parameters on the tensile and fracture properties of FDM 3D-printed PLA specimens	137944	Engineering Fracture Mechanics	274		0	0	2	32	43
973	2022	PROCESSING, NEURAL NETWORK-BASED MODELING OF BIOMONITORING STUDIES DATA AND VALIDATION ON REPUBLIC OF MOLDOVA DATA	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	23	4	0	0	0	10	13

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974	2022	Indium Recovery by Adsorption on MgFe ₂ O ₄ Adsorbents	19961944	Materials	15	20	0	0	0	1	5
975	2022	Ofloxacin Removal from Aqueous Media by Means of Magnetoactive Electrospun Fibrous Adsorbents	20794991	Nanomaterials	12	20	0	0	0	1	3
976	2022	Effect of Different Etching Times with Hydrofluoric Acid on the Bond Strength of CAD/CAM Ceramic Material	19961944	Materials	15	20	0	0	0	6	4
977	2022	Antimicrobial Perspectives of Active SiO ₂ /Fe ₃ O ₄ /ZnO Composites	19994923	Pharmaceutics	14	10	0	0	1	2	2
978	2022	Sodium Alginate- β -Natural Microencapsulation Material of Polymeric Microparticles	16616596	International Journal of Molecular Sciences	23	20	0	0	0	11	55
979	2022	Design of an Innovative Hybrid Sandwich Protective Device for Offshore Structures	20771312	Journal of Marine Science and Engineering	10	10	0	0	0	2	2
980	2022	Approximate Closed-Form Solutions for the Rabinovich System via the Optimal Auxiliary Functions Method	20738994	Symmetry	14	10	0	0	0	1	2
981	2022	Enhancement of the Catalytic Performance and Operational Stability of Sol-Gel-Entrapped Cellulase by Tailoring the Matrix Structure and Properties	23102861	Gels	8	10	0	0	0	2	2
982	2022	Strength Evaluation of Functionalized MWCNT-Reinforced Polymer Nanocomposites Synthesized Using a 3D Mixing Approach	19961944	Materials	15	20	0	0	0	9	10
983	2022	Fixed-Point Theorems in Fuzzy Normed Linear Spaces for Contractive Mappings with Applications to Dynamic-Programming	20738994	Symmetry	14	10	0	0	0	1	0
984	2022	Simplified Modelling of Failure in High Strength Bolts under Combined Tension and Bending	2504477X	Journal of Composites Science	6	10	0	0	0	1	5

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							2020	2021	2022	2023	2024	
985	2022	Transition from Online to Face-to-Face Education after COVID-19: The Benefits of Online Education from Students’s™ Perspective	20711050	Sustainability Switzerland	14	19	0	0	1	30	35	
986	2022	RETRACTED: Dynamics of MHD Convection of Walters B Viscoelastic Fluid through an Accelerating Permeable Surface Using the Soret’s“Dufour Mechanism	20763417	Applied Sciences Switzerland	12	19	0	0	0	0	0	
987	2022	Elastic Properties of Jute Fiber Reinforced Polymer Composites with Different Hierarchical Structures	19961944	Materials	15	19	0	0	1	2	5	
988	2022	Wideband RCS Reduction by Single-Layer Phase Gradient Modulated Surface	14248220	Sensors	22	19	0	0	0	3	5	
989	2022	Experimental and Computational Studies on Bio-Inspired Flavylum Salts as Sensitizers for Dye-Sensitized Solar Cells	19961944	Materials	15	19	0	0	0	0	3	
990	2022	Cavitation Resistance, Microstructure, and Surface Topography of Plasma Nitrided Nimonic 80 A Alloy	19961944	Materials	15	19	0	0	0	5	0	
991	2022	Analysis of Surface Water Quality and Sediments Content on Danube Basin in Djerdap-Iron Gate Protected Areas	20734441	Water Switzerland	14	19	0	0	1	5	1	
992	2022	Cultural Perspectives, Feelings and Coping Behaviors during the COVID-19 Pandemic: A Case Study of Romanian Students	16617827	International Journal of Environmental Research and Public Health	19	19	0	0	0	1	0	
993	2022	Mixed-mode I/II fracture properties of selectively laser sintered polyamide	1678442	Theoretical and Applied Fracture Mechanics	121		0	0	1	3	4	
994	2022	Efficient separation and removal of dyes from single and multiple systems by magnetic/silver/carbon nanocomposite: Mechanism and mathematical modeling	23525541	Sustainable Chemistry and Pharmacy	29		0	0	0	1	2	

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995	2022	Effective Intrusion Detection and Prevention for the Commercial Vehicle SAE J1939 CAN Bus	15249050	IEEE Transactions on Intelligent Transportation Systems	23	10	0	0	2	6	7
996	2022	Hybrid Particle Filter-Particle Swarm Optimization Algorithm and Application to Fuzzy Controlled Servo Systems	10636706	IEEE Transactions on Fuzzy Systems	30	10	0	0	28	85	56
997	2022	Almost strongly fuzzy bounded operators with applications to fuzzy spectral theory	1650114	Fuzzy Sets and Systems	444		0	0	0	1	1
998	2022	High-Fidelity Digital Twin Data Models by Randomized Dynamic Mode Decomposition and Deep Learning with Applications in Fluid Dynamics	26733951	Modelling	3	3	0	0	0	0	2
999	2022	Search for Higgs boson pair production in the two bottom quarks plus two photons final state in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	106	5	0	0	2	25	27
1000	2022	Processing and Advancements in the Development of Thermal Barrier Coatings: A Review	20796412	Coatings	12	9	0	0	1	23	35
1001	2022	Crystal Violet Adsorption on Eco-Friendly Lignocellulosic Material Obtained from Motherwort (Leonurus cardiaca L.) Biomass	20734360	Polymers	14	18	0	0	0	10	4
1002	2022	Failure Locus of an ABS-Based Compound Manufactured through Photopolymerization	20734360	Polymers	14	18	0	0	0	0	7
1003	2022	Students's Awareness of the Local Cultural and Historical Heritage in Post-Communist Regional Centers: Yekaterinburg, Gyumri, Timisoara	2073445X	Land	11	9	0	0	0	0	1
1004	2022	Performance Analysis of Energy Production of Large-Scale Solar Plants Based on Artificial Intelligence (Machine Learning) Technique	22279717	Processes	10	9	0	0	0	7	12

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1005	2022	Rapid and Accurate Production of 3D Point Cloud via Latest-Generation Sensors in the Field of Cultural Heritage: A Comparison between SLAM and Spherical Videogrammetry	25719408	Heritage	5	3	0	0	1	6	13	
1006	2022	Dynamics of the Vibro-Impact Nonlinear Damped and Forced Oscillator under the Influence of the Electromagnetic Actuation	22277390	Mathematics	10	18	0	0	0	2	1	
1007	2022	E-Commerce Sales Revenues Forecasting by Means of Dynamically Designing, Developing and Validating a Directed Acyclic Graph (DAG) Network for Deep Learning	20799292	Electronics Switzerland	11	18	0	0	0	4	8	
1008	2022	Magnetoresponse Functionalized Nanocomposite Aggregation Kinetics and Chain Formation at the Targeted Site during Magnetic Targeting	19994923	Pharmaceutics	14	9	0	0	0	6	2	
1009	2022	Patient-Specific Image-Based Computational Fluid Dynamics Analysis of Abdominal Aorta and Branches	20754426	Journal of Personalized Medicine	12	9	0	0	0	2	4	
1010	2022	Enhancing Imagistic Interstitial Lung Disease Diagnosis by Using Complex Networks	1010660X	Medicina Lithuania	58	9	0	0	0	1	1	
1011	2022	A Proposed Approach to Monitor and Control Sustainable Development Strategy Implementation	20711050	Sustainability Switzerland	14	17	0	0	0	2	1	
1012	2022	Bio-Based pH Indicator Films for Intelligent Food Packaging Applications	20734360	Polymers	14	17	0	0	0	4	8	
1013	2022	Co-Occurrence-Based Double Thresholding Method for Research Topic Identification	22277390	Mathematics	10	17	0	0	1	1	1	
1014	2022	Scandium Recovery from Aqueous Solution by Adsorption Processes in Low-Temperature-Activated Alumina Products	16616596	International Journal of Molecular Sciences	23	17	0	0	0	2	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1015	2022	Automotive IoT Ethernet-Based Communication Technologies Applied in a V2X Context via a Multi-Protocol Gateway	14248220	Sensors	22	17	0	0	1	4	5
1016	2022	New classes of Picard operators	16617738	Journal of Fixed Point Theory and Applications	24	3	0	0	0	1	0
1017	2022	Fabrication of copper oxide-based dye-sensitized solar cell with high short-circuit current density (J SC) using flexible and binder-free porous photoelectrode	9574522	Journal of Materials Science Materials in Electronics	33	26	0	0	0	4	1
1018	2022	Kinematic study of feasibility of geared planar parallel manipulator	9544062	Proceedings of the Institution of Mechanical Engineers Part C Journal of Mechanical Engineering Science	236	18	0	0	0	3	4
1019	2022	Do gasoline and diesel prices co-move? Evidence from the time-“frequency domain	9441344	Environmental Science and Pollution Research	29	45	0	0	2	7	9
1020	2022	Observation of WWW Production in pp Collisions at s =13 TeV with the ATLAS Detector	319007	Physical Review Letters	129	6	0	0	1	8	13
1021	2022	Editorial: Cross-cultural occupational health psychology challenges for the 21st century	16641078	Frontiers in Psychology	13		0	0	0	0	3
1022	2022	Measurements of jet observables sensitive to b-quark fragmentation in t t̄ events at the LHC with the ATLAS detector	24700010	Physical Review D	106	3	0	0	0	7	2
1023	2022	Solution for Using FEMM in Electrostatic Problems with Discrete Distribution Electric Charge	20750161	International Journal of Modern Education and Computer Science	14	4	0	0	0	0	1
1024	2022	Search for events with a pair of displaced vertices from long-lived neutral particles decaying into hadronic jets in the ATLAS muon spectrometer in pp collisions at s =13 TeV	24700010	Physical Review D	106	3	0	0	0	8	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1025	2022	Stir Casting Process Analysis and Optimization for Better Properties in Al-MWCNT-GR-Based Hybrid Composites	20754701	Metals	12	8	0	0	0	11	12
1026	2022	Experimental and Computational Study of Novel Pyrazole Azo Dyes as Colored Materials for Light Color Paints	19961944	Materials	15	16	0	0	0	3	5
1027	2022	Thermal Degradation Process of Ethinylestradiol Kinetic Study	22279717	Processes	10	8	0	0	0	3	1
1028	2022	A Brief Review of Deep Neural Network Implementations for ARM Cortex-M Processor	20799292	Electronics Switzerland	11	16	0	0	0	6	12
1029	2022	Antenna Designs for 5G/IoT and Space Applications	20799292	Electronics Switzerland	11	16	0	0	1	1	4
1030	2022	Enhanced Child Care: Contrast Correction for Pediatric Hip Ultrasound Using Hyperanalytic Wavelets	20754426	Journal of Personalized Medicine	12	8	0	0	0	0	1
1031	2022	Smartphone Camera Identification from Low-Mid Frequency DCT Coefficients of Dark Images	10994300	Entropy	24	8	0	0	0	3	2
1032	2022	Development of a Tailored Sol-Gel Immobilized Biocatalyst for Sustainable Synthesis of the Food Aroma Ester n-Amyl Caproate in Continuous Solventless System	23048158	Foods	11	16	0	0	2	0	1
1033	2022	Improved Operation Strategy of the Pumping System Implemented in Timisoara Municipal Water Treatment Station	20711050	Sustainability Switzerland	14	15	0	0	1	1	1
1034	2022	Electrochemical Evaluation of Protective Coatings with Ti Additions on Mild Steel Substrate with Potential Application for PEM Fuel Cells	19961944	Materials	15	15	0	0	2	4	2
1035	2022	Self-Powered Photodetector Based on FTO/n-TiO2/p-CuMnO2 Transparent Thin Films	19961944	Materials	15	15	0	0	1	2	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1036	2022	IL-Functionalized Mg3Al-LDH as New Efficient Adsorbent for Pd Recovery from Aqueous Solutions	16616596	International Journal of Molecular Sciences	23	16	0	0	1	1	3
1037	2022	Development of a Convolutional Neural Network Model to Predict Coronary Artery Disease Based on Single-Lead and Twelve-Lead ECG Signals	20763417	Applied Sciences Switzerland	12	15	0	0	0	1	0
1038	2022	Search for invisible Higgs-boson decays in events with vector-boson fusion signatures using 139 fb ⁻¹ of proton-proton data recorded by the ATLAS experiment	10298479	Journal of High Energy Physics	2022	8	0	0	3	26	22
1039	2022	New Closed-Form Solution for Quadratic Damped and Forced Nonlinear Oscillator with Position-Dependent Mass: Application in Grafted Skin Modeling	22277390	Mathematics	10	15	0	0	0	1	0
1040	2022	Assessment of Different Techniques for Adhesive Cementation of All-Ceramic Systems	1010660X	Medicina Lithuania	58	8	0	0	1	1	1
1041	2022	Direct constraint on the Higgs- $\bar{c}c$ charm coupling from a search for Higgs boson decays into charm quarks with the ATLAS detector	14346044	European Physical Journal C	82	8	0	0	4	19	18
1042	2022	How Did Work-Related Depression, Anxiety, and Stress Hamper Healthcare Employee Performance during COVID-19? The Mediating Role of Job Burnout and Mental Health	16617827	International Journal of Environmental Research and Public Health	19	16	0	0	2	7	18
1043	2022	Pentacoordinated Liquid Crystalline Zn(II) Complex Organized in Smectic Mesophase: Synthesis, Structural and Electrochemical Properties	20763417	Applied Sciences Switzerland	12	16	0	0	1	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1044	2022	Measurements of the Higgs boson inclusive and differential fiducial cross-sections in the diphoton decay channel with pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2022	8	0	0	2	12	10
1045	2022	Study of $B_c \rightarrow J/\psi D_s^+$ and $B_c \rightarrow J/\psi D_s^+ \pi^+$ decays in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2022	8	0	0	1	4	2
1046	2022	Modelling and computational improvements to the simulation of single vector-boson plus jet processes for the ATLAS experiment	10298479	Journal of High Energy Physics	2022	8	0	0	0	3	6
1047	2022	Halochromic Behavior and Anticancer Effect of New Synthetic Anthocyanidins Complexed with β -Cyclodextrin Derivatives	16616596	International Journal of Molecular Sciences	23	15	0	0	0	2	0
1048	2022	A Novel Method for Lung Image Processing Using Complex Networks	23791381	Tomography	8	4	0	0	3	4	3
1049	2022	A simple but accurate two-state model for nowcasting PV power	9601481	Renewable Energy	195		0	0	1	3	3
1050	2022	Differentiability of the slant function of a general pointwise slant distribution	472468	Journal of Geometry	113	2	0	0	0	1	1
1051	2022	Measurements of Higgs boson production cross-sections in the $H \rightarrow \tau^+ \tau^-$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2022	8	0	0	4	19	11
1052	2022	Sections in functional equations: stability and hyperstability	19054	Aequationes Mathematicae	96	4	0	0	0	1	1
1053	2022	Claw Pole Synchronous Motors/Generators (CP-SMs/Gs) Design and Control: Recent Progress	21686777	IEEE Journal of Emerging and Selected Topics in Power Electronics	10	4	0	0	0	1	2
1054	2022	The adoption of blockchain technology in the financial sector during the era of fourth industrial revolution: a moderated mediated model	335177	Quality and Quantity	56	4	0	0	15	11	19

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1055	2022	Editorial: Sustainable digital economy, entrepreneurship, and blockchain technology role in industrial-organizational psychology	16641078	Frontiers in Psychology	13		0	0	0	2	7
1056	2022	A search for an unexpected asymmetry in the production of e^+e^- and $e^+\bar{\nu}_\mu$ pairs in proton-proton collisions recorded by the ATLAS detector at $\sqrt{s}=13$ TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	830		0	0	0	0	3
1057	2022	Key Factors of AS Performance in Emerging Central and Eastern European Countries: Evidence from Romania	20711050	Sustainability Switzerland	14	14	0	0	0	1	2
1058	2022	A detailed map of Higgs boson interactions by the ATLAS experiment ten years after the discovery	280836	Nature	607	7917	0	0	14	102	141
1059	2022	Plant-mediated synthesis of NiO(II) from Lantana camara flowers: a study of photo-catalytic, electrochemical, and biological activities	22387854	Journal of Materials Research and Technology	19		0	0	0	3	7
1060	2022	GWO-Based Optimal Tuning of Controllers for Shape Memory Alloy Wire Actuators	24058963	IFAC Papersonline	55	15	0	0	0	2	1
1061	2022	Magic of 5G Technology and Optimization Methods Applied to Biomedical Devices: A Survey	20763417	Applied Sciences Switzerland	12	14	0	0	1	4	3
1062	2022	Novel Chloro-Substituted Salicylanilide Derivatives and Their β -Cyclodextrin Complexes: Synthesis, Characterization, and Antibacterial Activity	22279059	Biomedicines	10	7	0	0	0	1	3
1063	2022	Friction Properties of the Heat-Treated Electroless Ni Coatings Embedded with c-BN Nanoparticles	20796412	Coatings	12	7	0	0	1	2	3
1064	2022	Recovery of Waste with a High Iron Content in the Context of the Circular Economy	19961944	Materials	15	14	0	0	1	2	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1065	2022	Selection of Durable, Environmentally Friendly, and Cost-Effective Asphalt Mixtures	19961944	Materials	15	14	0	0	0	2	3
1066	2022	Impact of COVID-19 Pandemic on the Educational-Instructional Process of the Students from Technical Faculties	20711050	Sustainability Switzerland	14	14	0	0	3	4	0
1067	2022	The Mediating Role of Safety Climate in the Relationship between Transformational Safety Leadership and Safe Behavior—The Case of Two Companies in Turkey and Romania	20711050	Sustainability Switzerland	14	14	0	0	1	2	7
1068	2022	Ordered Mesoporous Silica Prepared in Different Solvent Conditions: Application for Cu(II) and Pb(II) Adsorption	23102861	Gels	8	7	0	0	0	10	10
1069	2022	Romanian Viscum album L.—Untargeted Low-Molecular Metabolomic Approach to Engineered Viscum—AuNPs Carrier Assembly	22237747	Plants	11	14	0	0	3	7	7
1070	2022	Influence of the Thermal Environment on Occupational Health and Safety in Automotive Industry: A Case Study	16617827	International Journal of Environmental Research and Public Health	19	14	0	0	1	2	0
1071	2022	Green Blends Based on Ionic Liquids with Improved Performance for Membrane Technology: Perspectives for Environmental Applications	16616596	International Journal of Molecular Sciences	23	14	0	0	2	0	3
1072	2022	A Review on Synthetic Fibers for Polymer Matrix Composites: Performance, Failure Modes and Applications	19961944	Materials	15	14	0	0	4	27	54
1073	2022	Constraints on Higgs boson properties using $WW \rightarrow (\ell^+ \ell^- \nu \bar{\nu})$ production in 36.1 fb^{-1} of $\sqrt{s}=13 \text{ TeV}$ pp collisions with the ATLAS detector	14346044	European Physical Journal C	82	7	0	0	1	7	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1074	2022	Cavitation resistance of Stellite 21 coatings tungsten inert gas (TIG) deposited onto duplex stainless steel X2CrNiMoN22-5-3	255300	Materialpruefung Materials Testing	64	7	0	0	0	1	0
1075	2022	Trajectory Tracking within a Hierarchical Primitive-Based Learning Approach	10994300	Entropy	24	7	0	0	0	0	4
1076	2022	Service Limits for Metal Oxide Varistors Having Cylindrical Symmetry as Function of the Ambient Temperature	20738994	Symmetry	14	7	0	0	0	2	0
1077	2022	Explainable Machine Learning Solution for Observing Optimal Surgery Timings in Thoracic Cancer Diagnosis	20763417	Applied Sciences Switzerland	12	13	0	0	1	0	1
1078	2022	Finite Fracture Mechanics and Cohesive Crack Model: Size effects through a unified formulation	19718993	Frattura Ed Integrita Strutturale	16	61	0	0	2	5	1
1079	2022	A Survey on CubeSat Missions and Their Antenna Designs	20799292	Electronics Switzerland	11	13	0	0	5	16	17
1080	2022	Effects of the residential built environment on remote work productivity and satisfaction during COVID-19 lockdowns: An analysis of workersâ€™ perceptions	3601323	Building and Environment	219		0	0	3	7	17
1081	2022	Search for long-lived charginos based on a disappearing-track signature using 136 fb - 1 of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	14346044	European Physical Journal C	82	7	0	0	6	17	20
1082	2022	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s} = 13$ TeV measured with the ATLAS detector at the LHC	14346044	European Physical Journal C	82	7	0	0	3	2	4
1083	2022	Influence of anisotropy on the cold bending of S600MC sheet metal	13506307	Engineering Failure Analysis	137		0	0	1	3	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1084	2022	Factors affecting business school studentsâ€™ performance during the COVID-19 pandemic: A moderated and mediated model	14728117	International Journal of Management Education	20	2	0	0	7	20	21
1085	2022	Nature-inspired optimal tuning of fuzzy controllers		Handbook on Computer Learning and Intelligence	02-Feb		0	0	0	1	1
1086	2022	How is COVID-19 pandemic causing employee withdrawal behavior in the hospitality industry? An empirical investigation	25149792	Journal of Hospitality and Tourism Insights	5	3	0	1	12	19	22
1087	2022	An Exploratory Study on Corporate Governance From Neuro-Governance Lenses in the Malaysian Context	16641078	Frontiers in Psychology	13		0	0	0	0	1
1088	2022	Measurement of the nuclear modification factor for muons from charm and bottom hadrons in Pb+Pb collisions at 5.02 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	829		0	0	4	10	12
1089	2022	Search for associated production of a Z boson with an invisibly decaying Higgs boson or dark matter candidates at s=13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	829		0	0	7	12	9
1090	2022	Measurement of Higgs boson decay into b-quarks in associated production with a top-quark pair in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2022	6	0	0	4	14	15
1091	2022	Measurements of differential cross-sections in top-quark pair events with a high transverse momentum top quark and limits on beyond the Standard Model contributions to top-quark pair production with the ATLAS detector at $\sqrt{s} = 13$ TeV	10298479	Journal of High Energy Physics	2022	6	0	0	1	7	7

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1092	2022	Search for neutral long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter	10298479	Journal of High Energy Physics	2022	6	0	0	0	9	8	
1093	2022	Measurements of azimuthal anisotropies of jet production in Pb+ Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector	24699985	Physical Review C	105	6	0	0	2	8	13	
1094	2022	Theoretical Study on the Effect of Parallel Air Chambers Embedded in Rockwool Panels on the Energy Consumption of a Low-Energy High School	20711050	Sustainability Switzerland	14	12	0	0	0	1	0	
1095	2022	Benchmarking Cost-Effective Opinion Injection Strategies in Complex Networks	22277390	Mathematics	10	12	0	0	0	2	1	
1096	2022	Niger Seed Oil-Based Biodiesel Production Using Transesterification Process: Experimental Investigation and Optimization for Higher Biodiesel Yield Using Box-Behnken Design and Artificial Intelligence Tools	20763417	Applied Sciences Switzerland	12	12	0	0	2	3	5	
1097	2022	Assessment of Strains Produced by Thermal Expansion in Printed Circuit Boards	19961944	Materials	15	11	0	0	0	1	1	
1098	2022	Dynamic mode decomposition with core sketch	10706631	Physics of Fluids	34	6	0	0	2	4	2	
1099	2022	Fractographic and Microhardness Evaluation of All-ceramic Hot-Pressed and CAD/CAM Restorations after Hydrothermal Aging	19961944	Materials	15	11	0	0	1	5	0	
1100	2022	Biosynthesis of Iron Oxide Nanoparticles: Physico-Chemical Characterization and Their In Vitro Cytotoxicity on Healthy and Tumorigenic Cell Lines	20794991	Nanomaterials	12	12	0	0	1	10	12	
1101	2022	Surface Characteristics and Color Stability of Dental PEEK Related to Water Saturation and Thermal Cycling	20734360	Polymers	14	11	0	0	0	4	9	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1102	2022	Hot-Corrosion and Particle Erosion Resistance of Co-Based Brazed Alloy Coatings	20734352	Crystals	12	6	0	0	1	1	2
1103	2022	Multi-Tone Harmonic Balance Optimization for High-Power Amplifiers through Coarse and Fine Models Based on X-Parameters	14248220	Sensors	22	11	0	0	0	0	1
1104	2022	One A3B Porphyrin Structureâ€”Three Successful Applications	20794991	Nanomaterials	12	11	0	0	2	5	4
1105	2022	Financial modeling, risk management of energy and environmental instruments and derivatives: past, present, and future	2545330	Annals of Operations Research	313	1	0	0	1	5	2
1106	2022	A vulnerability index based-approach for the historical centre of the city of Latronico (Potenza, Southern Italy)	13506307	Engineering Failure Analysis	136		0	0	4	13	21
1107	2022	Analysis of a Class of Lotkaâ€”Volterra Systems	15755460	Qualitative Theory of Dynamical Systems	21	2	0	0	0	1	2
1108	2022	Changemakers as digital makers: Connecting and co-creating	13602357	Education and Information Technologies	27	5	0	0	1	7	9
1109	2022	Support-Vector Machine-Based Classifier of Cross-Correlated Phoneme Segments for Speech Sound Disorder Screening	9269630	Studies in Health Technology and Informatics	294		0	0	0	1	0
1110	2022	Social Media Application as a New Paradigm for Business Communication: The Role of COVID-19 Knowledge, Social Distancing, and Preventive Attitudes	16641078	Frontiers in Psychology	13		0	0	27	41	57
1111	2022	Issues regarding bipolar plate-gas diffusion layer interfacial contact resistance determination	3787753	Journal of Power Sources	530		0	0	1	1	5
1112	2022	Cavitation erosion improvement following TIG surface-remelting of gray cast iron	431648	Wear	496-497		0	0	3	12	7
1113	2022	Stability and bifurcations in fractional-order gene regulatory networks	963003	Applied Mathematics and Computation	421		0	0	5	12	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1114	2022	Investigation of silver nanowires in Zn2SnO4 spheres for enhanced dye-sensitized solar cells performance	9258388	Journal of Alloys and Compounds	902		0	0	4	4	5
1115	2022	Mesoporous Silica Materials Loaded with Gallic Acid with Antimicrobial Potential	20794991	Nanomaterials	12	10	0	0	4	11	10
1116	2022	Constraints on Higgs boson production with large transverse momentum using $H \rightarrow b\bar{b}$ decays in the ATLAS detector	24700010	Physical Review D	105	9	0	0	4	4	9
1117	2022	Search for single production of a vectorlike T quark decaying into a Higgs boson and top quark with fully hadronic final states using the ATLAS detector	24700010	Physical Review D	105	9	0	0	8	10	15
1118	2022	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s}=7, 8$ and 13 TeV	14346044	European Physical Journal C	82	5	0	0	4	18	13
1119	2022	Surface Characteristics of High Translucent Multilayered Dental Zirconia Related to Aging	19961944	Materials	15	10	0	0	0	4	4
1120	2022	Search for resonant pair production of Higgs bosons in the $b\bar{b} \rightarrow b\bar{b}$ final state using pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector	24700010	Physical Review D	105	9	0	0	5	11	15
1121	2022	Parameter Observer Useable for the Condition Monitoring of a Capacitor	20763417	Applied Sciences Switzerland	12	10	0	0	2	5	2
1122	2022	Exploring a Pathway to Sustainable Performance in Manufacturing Firms: The Interplay between Innovation Capabilities, Green Process and Product Innovations and Digital Leadership	20711050	Sustainability Switzerland	14	10	0	0	5	18	33
1123	2022	Removal of Methylene Blue from Aqueous Solutions Using a New Natural Lignocellulosic Adsorbent "Raspberry (Rubus idaeus) Leaves Powder	20734360	Polymers	14	10	0	0	2	10	11

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1124	2022	“Singing” Multilayer Ceramic Capacitors and Mitigation Methods” A Review	14248220	Sensors	22	10	0	0	3	5	6
1125	2022	Chenciner Bifurcation Presenting a Further Degree of Degeneration	22277390	Mathematics	10	9	0	0	1	0	0
1126	2022	New Polymeric Adsorbents Functionalized with Aminobenzoic Groups for the Removal of Residual Antibiotics	14203049	Molecules	27	9	0	0	0	3	1
1127	2022	A Hardware-Aware Application Execution Model in Mixed-Criticality Internet of Things	22277390	Mathematics	10	9	0	0	0	1	0
1128	2022	Comparative Evaluation of Influence of Nd:YAG Laser (1064 nm) and 980 nm Diode Laser on Enamel around Orthodontic Brackets: An In Vitro Study	1010660X	Medicina Lithuania	58	5	0	0	1	3	3
1129	2022	Developing Resilience to Disinformation: A Game-Based Method for Future Communicators	20711050	Sustainability Switzerland	14	9	0	0	0	1	3
1130	2022	Simulation of Subsurface Drainage in the Sugarcane Crop under Different Spacing and Drain Depths	2073445X	Land	11	5	0	0	0	1	2
1131	2022	Polychronicity, Time Perspective, and Procrastination Behavior at the Workplace: An Empirical Study	2129728	Anales De Psicologia	38	2	0	0	2	4	1
1132	2022	Acute Effects of Sedentary Behavior on Ankle Torque Assessed with a Custom-Made Electronic Dynamometer	20770383	Journal of Clinical Medicine	11	9	0	0	1	0	0
1133	2022	Optical Behavior and Surface Analysis of Dental Resin Matrix Ceramics Related to Thermocycling and Finishing	20763417	Applied Sciences Switzerland	12	9	0	0	0	4	1
1134	2022	Comparative study on SrAl2O4 formation using different approaches	2728842	Ceramics International	48	9	0	0	0	4	2
1135	2022	An IoT Based Smart Irrigation System	21622248	IEEE Consumer Electronics Magazine	11	3	0	0	3	5	8

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1136	2022	Psychological and Behavior Changes of Consumer Preferences During COVID-19 Pandemic Times: An Application of GLM Regression Model	16641078	Frontiers in Psychology	13		0	0	4	3	1
1137	2022	Recent optimization and panelizing measures for green energy projects; insights into CO2 emission influencing to circular economy	162361	Fuel	314		0	0	21	24	37
1138	2022	Case Report: Novel Biallelic Variants in DNAJC21 Causing an Inherited Bone Marrow Failure Spectrum Phenotype: An Odyssey to Diagnosis	16648021	Frontiers in Genetics	13		0	0	0	3	2
1139	2022	Damage Assessment of a Romanian Historical Masonry Building under Near-Field Earthquake	0094243X	Aip Conference Proceedings	2425		0	0	0	3	0
1140	2022	Measurement of the energy asymmetry in $t\bar{t}A^0j$ production at 13 TeV with the ATLAS experiment and interpretation in the SMEFT framework	14346044	European Physical Journal C	82	4	0	0	3	6	2
1141	2022	Recycling Unused Midazolam Drug as Efficient Corrosion Inhibitor for Copper in Nitric Acid Solution	19961944	Materials	15	8	0	0	0	4	5
1142	2022	A LOW-COST APPROACH TO DATA-DRIVEN FUZZY CONTROL OF SERVO SYSTEMS	3542025	Facta Universitatis Series Mechanical Engineering	20	1	0	0	0	2	5
1143	2022	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	82	4	0	0	1	7	7
1144	2022	Linking the Use of Ergonomics Methods to Workplace Social Sustainability: The Ovako Working Posture Assessment System and Rapid Entire Body Assessment Method	20711050	Sustainability Switzerland	14	7	0	0	2	3	7

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1145	2022	Soil salinity assessment of a natural pasture using remote sensing techniques in central Anatolia, Turkey	19326203	Plos One	17	04-Apr	0	0	3	10	1	
1146	2022	A Perspective Review on Integrating VR/AR with Haptics into STEM Education for Multi-Sensory Learning	22186581	Robotics	11	2	0	0	3	16	23	
1147	2022	Performance Analysis of Three Side Roughened Solar Air Heater: A Preliminary Investigation	19961944	Materials	15	7	0	0	0	1	2	
1148	2022	Design of a Millimeter-Wave MIMO Antenna Array for 5G Communication Terminals	14248220	Sensors	22	7	0	0	5	27	43	
1149	2022	Samples of Homogeneous Functions	14226383	Results in Mathematics	77	2	0	0	0	1	0	
1150	2022	The asymmetric effect of environmental policy stringency on CO2 emissions in OECD countries	9441344	Environmental Science and Pollution Research	29	18	0	0	6	15	34	
1151	2022	Reluctance Synchronous and Flux-Modulation Machines Designs: Recent Progress	21686777	IEEE Journal of Emerging and Selected Topics in Power Electronics	10	2	0	0	3	3	6	
1152	2022	Predictable building enveloping based on enhanced glass foam insulation with heat reflective properties	23527102	Journal of Building Engineering	46		0	0	1	4	3	
1153	2022	Explicating the impact of hierarchical CEO succession on small-medium enterprises' performance and cash holdings	10769307	International Journal of Finance and Economics	27	2	0	11	12	4	2	
1154	2022	The impact of communication on microgrid control	17426588	Journal of Physics Conference Series	2212	1	0	0	0	1	0	
1155	2022	Composite solutions with recycled textile wastes	17426588	Journal of Physics Conference Series	2212	1	0	0	0	1	2	
1156	2022	Modeling the synchronous permanent magnet generator with RLC load	17426588	Journal of Physics Conference Series	2212	1	0	0	0	1	1	
1157	2022	Study and thermal analysis of vanes shape design for brake disc in automotive industry	17426588	Journal of Physics Conference Series	2212	1	0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1158	2022	Developments of discontinuously reinforced aluminium matrix composites: Solving the needs for the matrix	17426588	Journal of Physics Conference Series	2212	1	0	0	1	6	12
1159	2022	Unconventional method of cutting aluminum plates using fiber laser with oxygen assist gas	17426588	Journal of Physics Conference Series	2212	1	0	0	0	2	0
1160	2022	Study about numerical relay 7SA612, the basic protection of 220 kV overhead transmission line	17426588	Journal of Physics Conference Series	2212	1	0	0	0	1	0
1161	2022	Indoor air quality research within a furniture factory	17426588	Journal of Physics Conference Series	2212	1	0	0	0	0	2
1162	2022	Application of used engine oil in the asphalt pavement industry	17426588	Journal of Physics Conference Series	2212	1	0	0	0	1	0
1163	2022	Reinforcing concrete with recycled plastic wastes	17426588	Journal of Physics Conference Series	2212	1	0	0	1	3	7
1164	2022	Comparative analysis of the energy content of diverse fuels performed via thermogravimetric investigations	17426588	Journal of Physics Conference Series	2212	1	0	0	0	0	1
1165	2022	Modern approach in a car accident with PC Crash Program	17426588	Journal of Physics Conference Series	2212	1	0	0	1	1	1
1166	2022	Study of air quality through suspended particles determination	17426588	Journal of Physics Conference Series	2212	1	0	0	0	0	1
1167	2022	Verification of the voice control modification of robot -DOBOT Magician depending to change voice frequency	17426588	Journal of Physics Conference Series	2212	1	0	0	1	2	0
1168	2022	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W \rightarrow \ell^+ \bar{\nu}_\ell, A \rightarrow (\ell^+ \bar{\nu}_\ell + \ell^- \nu_\ell)$ events in Run 2 data	14346044	European Physical Journal C	82	3	0	0	1	3	4
1169	2022	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb ⁻¹ of pp collision data at $\sqrt{s} = 13$ TeV	10298479	Journal of High Energy Physics	2022	3	0	0	8	9	8

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1170	2022	Access control and surveillance in a smart home	26672952	High Confidence Computing	2	1	0	1	4	5	4
1171	2022	Symmetry between Structure-Antibacterial Effect of Polymers Functionalized with Phosphonium Salts	20738994	Symmetry	14	3	0	0	0	0	2
1172	2022	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study	20755309	Buildings	12	3	0	0	4	4	3
1173	2022	The ATLAS inner detector trigger performance in pp collisions at 13Å TeV during LHC Run 2	14346044	European Physical Journal C	82	3	0	0	3	11	9
1174	2022	Optimization of crystal violet adsorption on common lilac tree leaf powder as natural adsorbent material	17907632	Global Nest Journal	24	1	0	0	0	5	0
1175	2022	The Alpha-Beta Family of Filters to Solve the Threshold Problem: A Comparison	22277390	Mathematics	10	6	0	0	3	1	0
1176	2022	Advanced Electrodegradation of Doxorubicin in Water Using a 3-D Ti/SnO2 Anode	20734441	Water Switzerland	14	5	0	0	1	6	3
1177	2022	The Use of Bilberry Leaves (Vaccinium myrtillus L.) as an Efficient Adsorbent for Cationic Dye Removal from Aqueous Solutions	20734360	Polymers	14	5	0	0	4	7	10
1178	2022	Physiological Aspects of Absorption, Translocation, and Accumulation of Heavy Metals in Silphium perfoliatum L. Plants Grown in a Mining-Contaminated Soil	2075163X	Minerals	12	3	0	0	1	3	3
1179	2022	A Custom-Made Electronic Dynamometer for Evaluation of Peak Ankle Torque after COVID-19	14248220	Sensors	22	5	0	0	2	0	1
1180	2022	Towards Replacing Titanium with Copper in the Bipolar Plates for Proton Exchange Membrane Water Electrolysis	19961944	Materials	15	5	0	0	2	6	21

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1181	2022	Signifying the Relationship between Fear of COVID-19, Psychological Concerns, Financial Concerns and Healthcare Employees Job Performance: A Mediated Model	16617827	International Journal of Environmental Research and Public Health	19	5	0	0	7	12	16
1182	2022	Found in Complexity, Lost in Fragmentation: Putting Soil Degradation in a Landscape Ecology Perspective	16617827	International Journal of Environmental Research and Public Health	19	5	0	0	1	2	4
1183	2022	Policy Iteration Reinforcement Learning-based control using a Grey Wolf Optimizer algorithm	200255	Information Sciences	585		0	0	30	71	49
1184	2022	Coronavirus Disease 2019 Safety Measures for Sustainable Tourism: The Mediating Effect of Tourist Trust	16641078	Frontiers in Psychology	13		0	0	1	1	5
1185	2022	Frequency Selective Surface for Ultra-Wide Band Filtering and Shielding	14248220	Sensors Basel Switzerland	22	5	0	0	6	6	8
1186	2022	Flying probe measurement accuracy improvement by external LCR integration	2632241	Measurement Journal of the International Measurement Confederation	190		0	0	1	1	2
1187	2022	Ferrofluids and bio-ferrofluids: looking back and stepping forward	20403364	Nanoscale	14	13	0	0	8	33	48
1188	2022	Evaluation of Tracking Algorithms for Contrast Enhanced Ultrasound Imaging Exploration		ACM International Conference Proceeding Series			0	0	3	2	0
1189	2022	Social Media Efficacy in Crisis Management: Effectiveness of Non-pharmaceutical Interventions to Manage COVID-19 Challenges	16640640	Frontiers in Psychiatry	12		0	0	53	26	23
1190	2022	Constructive Improvements in the In-Ladle Treatments - A Comparative Industrial Study	18466168	Tehnicki Glasnik	16	1	0	0	1	0	0
1191	2022	Bi-Static Radar Cross-Section Test Method by using Historic Marconi Set-up and Time Gating	10544887	Applied Computational Electromagnetics Society Journal	37	2	0	0	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1192	2022	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at 13 TeV with the ATLAS detector	14346044	European Physical Journal C	82	2	0	1	7	8	9
1193	2022	The Impact of Water Hammer on Hydraulic Power Units	19961073	Energies	15	4	0	0	4	3	8
1194	2022	Differential Geometry of Submanifolds in Complex Space Forms Involving $\hat{\Gamma}$ -Invariants	22277390	Mathematics	10	4	0	0	3	3	3
1195	2022	Antimicrobial Activity of Cellulose Based Materials	20734360	Polymers	14	4	0	0	1	11	18
1196	2022	The Least Squares Homotopy Perturbation Method for Systems of Differential Equations with Application to a Blood Flow Model	22277390	Mathematics	10	4	0	0	2	1	2
1197	2022	Grapevine Wastes: A Rich Source of Antioxidants and Other Biologically Active Compounds	20763921	Antioxidants	11	2	0	0	3	17	20
1198	2022	Approximate Analytical Solutions to Nonlinear Oscillations of Horizontally Supported Jeffcott Rotor	19961073	Energies	15	3	0	0	0	0	0
1199	2022	Health Care Expenditure in the European Union Countries: New Insights about the Convergence Process	16617827	International Journal of Environmental Research and Public Health	19	4	0	0	2	3	4
1200	2022	Preparation and Characterization of Chitosan-Alginate Microspheres Loaded with Quercetin	20734360	Polymers	14	3	0	0	4	8	14
1201	2022	Stochastic Microsensors Based on Carbon Nanotubes for Molecular Recognition of the Isocitrate Dehydrogenases 1 and 2	20794991	Nanomaterials	12	3	0	0	2	0	1
1202	2022	Unknown Suns: L ³ Hudec, Antonin Raymond and the Rising of a Modern Architecture for Eastern Asia	20755309	Buildings	12	2	0	0	4	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1203	2022	Caring of the Fringe? Mediterranean Desertification between Peri-urban Ecology and Socioeconomics	20711050	Sustainability Switzerland	14	3	0	0	1	0	27
1204	2022	Manipulating the radiation pattern of equilateral triangular dielectric resonator antenna using asymmetric grooves	14348411	AEU International Journal of Electronics and Communications	145		0	0	0	0	0
1205	2022	Ultimate and post-ultimate behaviour of thin-walled cold-formed steel open-section members under eccentric compression. Part II: Experimental study	2638231	Thin Walled Structures	171		0	0	2	6	6
1206	2022	Polythiophene-titanium oxide (PTH-TiO2) nanocomposite: As an electron transfer enhancer for biofuel cell anode construction	3787753	Journal of Power Sources	520		0	0	1	6	9
1207	2022	A suitable mixed mode I/II test specimen for fracture toughness study of polyurethane foam with different cell densities	1678442	Theoretical and Applied Fracture Mechanics	117		0	0	7	9	4
1208	2022	The influence of energy consumption and economic growth on environmental degradation in BRICS countries: an application of the ARDL model and decoupling index	9441344	Environmental Science and Pollution Research	29	9	0	1	27	17	20
1209	2022	Hydride transfer versus H-abstraction in the reaction of O3 with 2-propanol: The influence of solvent	8943230	Journal of Physical Organic Chemistry	35	2	0	0	0	0	1
1210	2022	Copolymerization of butyl acrylate with methyl methacrylate in a bubble column reactor and the use of copolymer in corrosion protection	1700839	Polymer Bulletin	79	2	0	0	4	1	1
1211	2022	Potential of Youth Participation in Local Territory Branding Management	15815374	Lex Localis	20	1	0	0	1	1	1
1212	2022	High performance magnetorheological fluids: Very high magnetization FeCo-Fe3O4nanoclusters in a ferrofluid carrier	1744683X	Soft Matter	18	3	0	0	3	4	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1213	2022	Environmental Problems: An Analysis of Studentsâ€™ Perceptions Towards Selective Waste Collection	16641078	Frontiers in Psychology	12		0	0	0	5	11		
1214	2022	Mono- and oligonuclear complexes based on a o-vanillin derived Schiff-base ligand: Synthesis, crystal structures, luminescent and electrochemical properties	222860	Journal of Molecular Structure	1248		0	0	3	2	3		
1215	2022	Search for new phenomena in three- or four-lepton events in ppcollisions at â^šs = 13TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	824		0	0	3	7	6		
1216	2022	Challenges and performance evaluation of livestock waste energy content	17551307	Iop Conference Series Earth and Environmental Science	960	1	0	0	0	0	1		
1217	2022	Study concerning the thermal energy balance in an internal combustion engine	17551307	Iop Conference Series Earth and Environmental Science	960	1	0	0	0	0	0		
1218	2022	Very intense polarized emission in self-assembled room temperature metallomesogens based on Zn(ii) coordination complexes: an experimental and computational study	20507534	Journal of Materials Chemistry C	10	1	0	0	2	5	3		
1219	2022	Advantages of a neuro-symbolic solution for monitoring IT infrastructures alerts		Proceedings 2022 24th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2022			0	0	0	1	3		
1220	2022	Synthesis and Characterization of Modified Chitosan with Aminophosphonic Groups and Zn(II) Ions and Assessment as Potential Antibacterial Adsorbent	255289	Materiale Plastice	59	4	0	0	0	0	0		
1221	2022	Algorithms for Real-Valued Noisy Damped Sinusoid Parameter Estimation	27687236	IEEE Open Journal of Instrumentation and Measurement	1		0	0	0	3	5		
1222	2022	PRELIMINARY RESEARCH ON THE NUTRITIONAL PARAMETERS OF CHOCOLATE FORTIFIED WITH NETTLE LEAF POWDER	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	22	6.2	0	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1223	2022	EXPERIMENTAL STUDY FOR STRUCTURAL PERFORMANCE EVALUATION OF EARTH WALLS REALISED WITH INNOVATIVE TRADITIONAL TECHNOLOGIES	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	22	6.2	0	0	0	1	1
1224	2022	THE DEVELOPMENT OF GREEN AREAS “ THE PREMISE OF A SUSTAINABLE COMMUNITY	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	22	6.2	0	0	0	0	1
1225	2022	Residual life of a historic riveted steel bridge - engineering critical assessment approach	24523216	Procedia Structural Integrity	42		0	0	0	0	2
1226	2022	Size effect in PLA and PETG specimens obtained using FDM	24523216	Procedia Structural Integrity	42		0	0	0	0	0
1227	2022	The Influence of anisotropy on the vibration behaviour of S600Mc sheet metal	24523216	Procedia Structural Integrity	42		0	0	0	0	0
1228	2022	Supervised learning data preprocessing for short-term traffic flow prediction		2022 IEEE 16th International Scientific Conference on Informatics Informatics 2022 Proceedings			0	0	0	0	0
1229	2022	Qualitative research approaches and designs: discourse analysis		International Encyclopedia of Education Fourth Edition			0	0	0	2	0
1230	2022	THE FIRST WELDED BRIDGE - PROTOTYPE DEVELOPMENT THROUGH FUSED DEPOSITION MODELLING (FDM)	14513749	Structural Integrity and Life	22	3	0	0	0	0	1
1231	2022	Road Intersection Optimization with Resource-Constrained Metaheuristic: A Case Study		Sisy 2022 IEEE 20th Jubilee International Symposium on Intelligent Systems and Informatics Proceedings			0	0	0	1	1
1232	2022	4.11 - Biological and Microbial Fuel Cells		Comprehensive Renewable Energy Second Edition Volume 1 9	01-Apr		0	0	0	0	0
1233	2022	5.15 - Biomass Co-Firing With Carbon Capture		Comprehensive Renewable Energy Second Edition Volume 1 9	01-May		0	0	0	5	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1234	2022	Detection of Pill Intake Associated Gestures using Smart Wearables and Machine Learning		IEEE Joint 22nd International Symposium on Computational Intelligence and Informatics and 8th International Conference on Recent Achievements in Mechatronics Automation Computer Science and Robotics Cinti Macro 2022 Proceedings			0	0	0	0	1		
1235	2022	Discrete-time Linear and Nonlinear Observers for an Electromechanical Plant with State Feedback Control		Proceedings of the 2022 IEEE Symposium Series on Computational Intelligence Ssci 2022			0	0	0	0	1		
1236	2022	Predictive Analytics Models for Student Admission to Master Programs in Romania		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	0	1		
1237	2022	Unsupervised Online Vertical Misalignment Detection Algorithm for Automotive Radar		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	1		
1238	2022	Using a Radio Remote Controller to Operate a Rover and Robotic Arm Combo		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	1		
1239	2022	Automatic Waste Segregation System		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	0	1		
1240	2022	Normalized Cross Correlation based Solution for Automated Optical Inspection during Boundary Scan Testing		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	1		
1241	2022	Vertical-cavity surface-emitting laser (VCSEL) based distance sensing for parking assistance		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	0		
1242	2022	Semantic Segmentation of Diabetic Retinopathy Imaging		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	0		
1243	2022	The Use of Data Augmentation as a Technique for Improving Fake News Detection in the Romanian Language		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	2	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1244	2022	Performances of Uniform Sensor Array Antenna in case of DoA estimation using the MUSIC Algorithm		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	2
1245	2022	Cubic Buck-Boost Converter with High Step-Up Capability		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	0	3
1246	2022	Load Balancing Optimization in Software-Defined Wide Area Networking (SD-WAN) using Deep Reinforcement Learning		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	9	6
1247	2022	Urban landmark detection using A-KAZE features and vector of aggregated local descriptors		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	2
1248	2022	A Home Energy Management System		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	2	2
1249	2022	Study of the new polymer coatings exhibiting hydrophobic / hydrophilic interactions		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	0
1250	2022	Analysis of Vegetation and Penetration Losses in 5G mmWave Communication Systems		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	3	7
1251	2022	Cybersecurity for Embedded Systems: A review		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	1
1252	2022	FPGA Based IEEE 1451 Compliant Smart Power Supply Controller		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	0
1253	2022	Designing Applications for Collaborative Learning in Virtual Reality		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	3	2
1254	2022	Preliminary Results on Contrast Enhanced Ultrasound Video Stream Diagnosis Using Deep Neural Architectures		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	2	2

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1255	2022	Evaluating Research Trends Using Key Term Occurrences and Multivariate Mann-Kendall Test		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	0
1256	2022	Multi-Core Time-Triggered OCBP-Based Scheduling for Mixed Criticality Periodic Task Systems		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	1	0
1257	2022	BLE Network Sensors with IoT Capability		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	0	2
1258	2022	Grouping farmers using agglomerative clustering on data generated from statistics		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	0	1
1259	2022	Software Optimization used to Automate Decellularization		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	2	0
1260	2022	A Novel Hybrid Quadratic Buck Converter		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	0	1
1261	2022	Prediction of Machine Temperature System Failure Using a Novel Activation Function		2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings			0	0	0	0	1
1262	2022	Biphasic BiFeO3 ceramics based on rhombohedral and tetragonal polymorphs	17436753	Advances in Applied Ceramics	121	05-Aug	0	0	0	1	0
1263	2022	Numerical analysis of osteosynthesis plates used in the reconstruction of the mandible	22147853	Materials Today Proceedings	78		0	0	0	0	0
1264	2022	Intertwining Digitalization and Sustainable Performance via the Mediating Role of Digital Transformation and the Moderating Role of FinTech Behavior Adoption	12201766	Studies in Informatics and Control	31	4	0	0	0	2	11
1265	2022	INFLUENCE OF TITANIUM ADDITIONS ON THE ELECTROCHEMICAL BEHAVIOUR OF NiCr/Ti LASER CLADDED COATINGS	12214639	Annals of Dunarea De Jos University of Galati Fascicle Xii Welding Equipment and Technology	33		0	0	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1266	2022	TEACHING STRATEGIES AND STUDENTS' ACADEMIC PERFORMANCE IN AGRICULTURE STUDIES: THE MEDIATING EFFECT OF TEACHERS' SELF-EFFICACY	20684215	Inmateh Agricultural Engineering	68	3	0	0	0	0	1
1267	2022	Mapping the environment at range: implications for camera calibration		2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging Siitme 2022 Conference Proceedings			0	0	0	0	2
1268	2022	Solutions for Acoustic Noise caused by Multilayer Ceramic Capacitors		2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging Siitme 2022 Conference Proceedings			0	0	0	1	1
1269	2022	An Automated Data Acquisition System for the Characterization of Photovoltaic Cells		2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging Siitme 2022 Conference Proceedings			0	0	0	1	0
1270	2022	Printed Circuit Board Assembly Modeling for Predictive Reliability Assessment		2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging Siitme 2022 Conference Proceedings			0	0	0	0	0
1271	2022	Preliminary study for outdoor testing: Effect of Moisture and Temperature on the Stability of UV Dye Sensitized Solar Cells		2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging Siitme 2022 Conference Proceedings			0	0	0	0	1
1272	2022	IR Drop Simulation for an Automotive Device		2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging Siitme 2022 Conference Proceedings			0	0	0	1	1
1273	2022	Study of Latency for a Teleoperation System with Video Feedback using Wi-Fi and 4G-LTE Networks		2022 International Conference on Communications Information Electronic and Energy Systems Ciees 2022 Proceedings			0	0	0	0	2
1274	2022	Building a Tic-tac-toe Playing Robotic Arm		2022 30th Telecommunications Forum Telfor 2022 Proceedings			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1275	2022	High Voltage Device Design and Predictive Maintenance Software based on Fuzzy-Logic	18770509	Procedia Computer Science	214	C	0	0	0	0	0	
1276	2022	Fuzzy-Logic Controller for Smart Drives	18770509	Procedia Computer Science	214	C	0	0	0	1	1	
1277	2022	Iterative Interpolated DFT-based Frequency Estimator for Electrical Waveform Affected by Decaying DC Offset		25th Imeko TC 4 International Symposium on Measurement of Electrical Quantities Imeko TC 4 2022 and 23rd International Workshop on ADC and DAC Modelling and Testing Iwadc 2022			0	0	0	0	0	
1278	2022	Digital Transformation Strategy and Environmental Performance: A Case Study	18419836	International Journal of Computers Communications and Control	17	6	0	0	0	1	5	
1279	2022	A Review: Uses of Chitosan in Pharmaceutical Forms	3034240	Reviews of Physiology Biochemistry and Pharmacology			0	0	1	3	2	
1280	2022	Ozone and microstructural morphological changes of tooth enamel	12200522	Romanian Journal of Morphology and Embryology	63	3	0	0	0	1	4	
1281	2022	Smart Agriculture: IoT-based Greenhouse Monitoring System	18419836	International Journal of Computers Communications and Control	17	6	0	0	0	4	6	
1282	2022	Structural transformations in resistance spot-welded joints from Nimonic 80A superalloys	22147853	Materials Today Proceedings	78		0	0	0	1	0	
1283	2022	Data-Driven Control Algorithms for Shape Memory Alloys		2022 IEEE Conference on Control Technology and Applications Ccta 2022			0	0	0	4	2	
1284	2022	The role of filler material selection in the laser welding process of deformable 6xxx series aluminum alloys	22147853	Materials Today Proceedings	78		0	0	0	1	2	
1285	2022	INFLUENCE OF AGEING TIME ON CAVITATION RESISTANCE OF 6082 ALUMINUM ALLOY	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	84	4	0	0	0	0	0	
1286	2022	High performance small ALA-rotor reluctance synchronous motor: preliminary design for variable speed with key FEM validation		2022 IEEE 20th International Power Electronics and Motion Control Conference Pemc 2022			0	0	0	1	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1287	2022	Axially-Laminated-Anisotropic-rotor Reluctance Synchronous Motor characterization: analytical design, key FEM validations and preliminary experiments: 10kW, 2.4-4.8krpm		2022 IEEE 20th International Power Electronics and Motion Control Conference Pemc 2022			0	0	0	2	0
1288	2022	An Improved Bidirectional Hybrid Switched Capacitor Converter	21624704	IECON Proceedings Industrial Electronics Conference	2022-October		0	0	0	2	2
1289	2022	Evolving Fuzzy and Tensor Product-based Models for Tower Crane Systems	21624704	IECON Proceedings Industrial Electronics Conference	2022-October		0	0	0	1	1
1290	2022	Order preserving maps on quantum measurements	2521327X	Quantum	6		0	0	0	0	0
1291	2022	Framework for distribution network modelling and fault simulation using MATLAB		EPE 2022 Proceedings of the 2022 12th International Conference and Exposition on Electrical and Power Engineering			0	0	0	2	0
1292	2022	Fundamental Issue for Wind Power Systems Operating at Variable Wind Speeds: the Dependence of the Optimal Angular Speed on the Wind Speed		EPE 2022 Proceedings of the 2022 12th International Conference and Exposition on Electrical and Power Engineering			0	0	0	4	3
1293	2022	Medium Voltage Network Modeling for the Integration of Renewable Sources		EPE 2022 Proceedings of the 2022 12th International Conference and Exposition on Electrical and Power Engineering			0	0	0	1	0
1294	2022	TIE-M - Promoting Learning with Competition		2022 IEEE 9th Electronics System Integration Technology Conference Estc 2022 Proceedings			0	0	0	2	1
1295	2022	MLCC Acoustic Noise Mitigation via Appropriate Design		2022 IEEE 9th Electronics System Integration Technology Conference Estc 2022 Proceedings			0	0	1	1	0
1296	2022	Fingerprinting Smartphones Based on Microphone Characteristics From Environment Affected Recordings	21693536	IEEE Access	10		0	0	0	3	1
1297	2022	Influence of the powder feed rate on the properties of HVOF sprayed WC-based cermet coatings	22147853	Materials Today Proceedings	78		0	0	0	0	6
1298	2022	BRIQUETTES PRODUCTION BASED ON DIFFERENT WASTES	22825819	European Biomass Conference and Exhibition Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1299	2022	Object Detection in Invoices		2022 26th International Conference on System Theory Control and Computing Icstcc 2022 Proceedings			0	0	0	1	0
1300	2022	METHANE RECOVERY FROM THE LEACHATE OF MUNICIPAL SOLID WASTE LANDFILL BY USING ANAEROBIC DIGESTION. CASE STUDY	22825819	European Biomass Conference and Exhibition Proceedings			0	0	0	3	8
1301	2022	The assessment of class relations importance using enumeration in a graph representation model for key classes detection based on PageRank		2022 26th International Conference on System Theory Control and Computing Icstcc 2022 Proceedings			0	0	0	1	3
1302	2022	BIO-ENERGY FROM MUNICIPAL WASTE THROUGH ANAEROBIC DIGESTION OR COMBUSTION?	22825819	European Biomass Conference and Exhibition Proceedings			0	0	0	2	0
1303	2022	UML to code, and code to UML, a view inside implementation challenges and cost		2022 26th International Conference on System Theory Control and Computing Icstcc 2022 Proceedings			0	0	0	2	2
1304	2022	A facile dip-coating process graphene-TiO ₂ on titanium foil for hybrid electrode fabrication		Proceedings of the International Semiconductor Conference CAS	2022-October		0	0	0	1	0
1305	2022	Towards personalized medicine by mathematical modeling of tumors	27325121	Open Research Europe	2		0	0	0	0	1
1306	2022	New trends in translation and interpreting studies: Linguistic accessibility in Romania	23009969	Open Linguistics	8	1	0	0	0	3	0
1307	2022	Investigation of Water Hammer Overpressure in the Hydraulic Passages of Hydropower Plants Equipped with Francis Turbines	17551307	Iop Conference Series Earth and Environmental Science	1079	1	0	0	0	1	1
1308	2022	Experimental Investigation of a Free Runner Concept Downstream of Francis Turbines	17551307	Iop Conference Series Earth and Environmental Science	1079	1	0	0	0	0	1
1309	2022	On cost-effective strategies for opinion diffusion in complex networks		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1310	2022	Boost Converter Modeling and Control based on its Role within a Microgrid		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	2		
1311	2022	Towards malware detection based on performance counters using deep learning classification models		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
1312	2022	Fuzzy Models for a Two-Wheeled Self-Balancing Robot		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
1313	2022	AutoML and Neural Architecture Search for Gaze Estimation		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	2	0		
1314	2022	Role of Artificial Intelligence Techniques in Active Safety using Image Processing for Autonomous Driving Vehicles		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
1315	2022	Sensorless Control of PMSM Based on Active Flux Observer and MRAS Stator Resistance Identification		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	1		
1316	2022	Load Comparison Between Two Controlling Strategies for Wind Energy Conversion System Power-Boosting		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
1317	2022	Considerations Regarding The Perturb And Observe Method To Control High-Power Wind Systems Operating At Variable Wind Speeds		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
1318	2022	Weather Forecasting Modeling Using Soft-Clipping Swish Activation Function		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
1319	2022	Two-Wheeled Inverted-Pendulum Self-Balancing Robot with LQR or PID Control		Iccc 2022 IEEE 10th Jubilee International Conference on Computational Cybernetics and Cyber Medical Systems Proceedings			0	0	0	2	1		
1320	2022	Circuit level implementation of the Reduced Quantum Genetic Algorithm using Qiskit		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1321	2022	Pedestrian Trajectory Prediction in Graph Representation Using Convolutional Neural Networks		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	3	0		
1322	2022	Image sharpening using dilated filters		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	3		
1323	2022	Benchmarking TensorFlow Lite Quantization Algorithms for Deep Neural Networks		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	2	2		
1324	2022	Power Estimation Algorithm for High-Power Wind Turbines with Time Variable Wind Speed		Saci 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
1325	2022	The Tribology of Composite Materials Used for Manufacturing Brake Shoes	255289	Materiale Plastice	59	3	0	0	0	1	3		
1326	2022	Conversion from LP to CP by a tunable FSS with Embedded Microstrip Lines as Feeding Network		2022 International Conference on Electromagnetics in Advanced Applications Iceaa 2022			0	0	0	1	1		
1327	2022	The influence of temperature on the mechanical properties of 3D printed and injection molded ABS	22147853	Materials Today Proceedings	78		0	0	0	3	9		
1328	2022	OPTIMAL HOMOTOPY PERTURBATION METHOD FOR NONLINEAR PROBLEMS WITH APPLICATIONS	16833511	Applied and Computational Mathematics	21	2	0	0	2	3	5		
1329	2022	Analysis of electric flux arc welding parameters influence using visual X-ray inspection	22147853	Materials Today Proceedings	78		0	0	0	0	2		
1330	2022	Night-time image dehazing using deep hierarchical network trained on day-time hazy images	13342630	Proceedings Elmar International Symposium Electronics in Marine	2022-September		0	0	0	2	1		
1331	2022	Seismic Resilience of Multi-story Dual-Steel Building Frames	2524342X	Springer Proceedings in Earth and Environmental Sciences			0	0	0	1	1		
1332	2022	Coverage Analysis and Efficient Placement of Drone-BSs in 5G Networks	26734591	Engineering Proceedings	14	1	0	0	0	11	4		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1333	2022	A hierarchical learning approach for generalized trajectory tracking validated on a magnetic bearing system		International Conference on Electrical Computer and Energy Technologies Icecet 2022			0	0	0	0	1	
1334	2022	AVOA-Based Tuning of Low-Cost Fuzzy Controllers for Tower Crane Systems	10987584	IEEE International Conference on Fuzzy Systems	2022-July		0	0	1	4	5	
1335	2022	Intersection detection based on mono-camera sensor		2022 45th International Conference on Telecommunications and Signal Processing Tsp 2022			0	0	1	1	3	
1336	2022	Automotive Internal Development Process Improvement for Assuring Compliance with the ASPICE for Cybersecurity Extension	18650929	Communications in Computer and Information Science	1646 CCIS		0	0	0	0	2	
1337	2022	Automotive Skills Alliance“From Idea to Example of Sys/SW International Standards Group Implementation	18650929	Communications in Computer and Information Science	1646 CCIS		0	0	0	2	1	
1338	2022	Android Head Units vs. In-Vehicle ECUs: Performance Assessment for Deploying In-Vehicle Intrusion Detection Systems for the CAN Bus	21693536	IEEE Access	10		0	0	1	4	1	
1339	2022	Carbon nanomaterials-based sensors for water treatment		Carbon Nanomaterials Based Sensors Emerging Research Trends in Devices and Applications			0	0	1	0	0	
1340	2022	Smart Posture Corrector	9308989	Springer Proceedings in Physics	274		0	0	0	1	0	
1341	2022	Impact of Piecewise Energy Harvester System of Bistable Beam with Hertzian Contact Force	9308989	Springer Proceedings in Physics	274		0	0	0	0	1	
1342	2022	STUDENTS’s™ PARTICIPATION IN THE SOCIO-CULTURAL DEVELOPMENT OF THE CITY: SOCIO-CULTURAL AGENCY ISSUES (INTERNATIONAL RESEARCH PERSPECTIVES)	1321625	Sotsiologicheskie Issledovaniya	2022	5	0	0	0	1	1	
1343	2022	Carbon based-nanomaterials used in biofuel cells “ A review	162361	Fuel	331		0	0	2	9	22	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1344	2022	Accurate Frequency Estimation of Electrical Waveforms Affected by Harmonics and Interharmonics		MELECON 2022 IEEE Mediterranean Electrotechnical Conference Proceedings			0	0	0	2	2	
1345	2022	An analysis of the efficiency of flue gases energy potential conversion through methanation		2022 8th International Conference on Energy Efficiency and Agricultural Engineering EE and Ae 2022 Proceedings			0	0	1	2	1	
1346	2022	GWO-Based Performance Improvement of PD-Type Iterative Learning Fuzzy Control of Tower Crane Systems		IEEE International Symposium on Industrial Electronics	2022-June		0	0	0	2	1	
1347	2022	Analytical Synthesis of Five-Bar Linkage used for 3D Printer Structure	22110984	Mechanisms and Machine Science	122 MMS		0	0	0	2	4	
1348	2022	A Stroke Estimation Method for Linear Oscillatory Machine Using an Improved Sliding Mode Observer	939994	IEEE Transactions on Industry Applications	58	6	0	0	0	1	3	
1349	2022	Wideband and High Gain Array Antenna for 5G Smart Phone Applications Using Frequency Selective Surface	21693536	IEEE Access	10		0	0	1	7	9	
1350	2022	Information and Communications Technology in the Context of Circular Economy	18684394	Intelligent Systems Reference Library	227		0	0	1	0	0	
1351	2022	Unsupervised Online Horizontal Misalignment Detection Algorithm for Automotive Radar		14th International Conference on Communications Comm 2022 Proceedings			0	0	1	2	1	
1352	2022	Performance Analysis of Transport Layer Congestion on 5G Systems		14th International Conference on Communications Comm 2022 Proceedings			0	0	1	0	1	
1353	2022	Downlink Interference Measurement in 4G/5G Systems with Dynamic Spectrum Sharing		14th International Conference on Communications Comm 2022 Proceedings			0	0	0	2	2	
1354	2022	On Using EMC Simulation for Solving Power Integrity Issues		14th International Conference on Communications Comm 2022 Proceedings			0	0	1	1	0	
1355	2022	Influence of printing parameters on the eligibility of plane-strain fracture toughness results for PLA polymer	24523216	Procedia Structural Integrity	41	C	0	0	1	6	7	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1356	2022	Influence of thickness on the IZOD impact strength of FDM printed specimens from PLA and PETG	24523216	Procedia Structural Integrity	41	C	0	0	1	3	8
1357	2022	Size effect in fatigue life of Mg alloy	24523216	Procedia Structural Integrity	41	C	0	0	0	1	1
1358	2022	On the Fracture Toughness of PPS and PPA Reinforced with Glass Fiber	24523216	Procedia Structural Integrity	41	C	0	0	0	1	3
1359	2022	Deep Neural Networks Aiding Cryptanalysis: A Case Study of the Speck Distinguisher	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	13269 LNCS		0	0	0	3	2
1360	2022	INFLUENCE OF DEPOSITION DIRECTION ON VIBRATION CHARACTERISTICS OF 3D PRINTED ABS TEST SPECIMENS	14513749	Structural Integrity and Life	22	1	0	0	1	4	3
1361	2022	Security Analysis of Vehicle Instrument Clusters by Automatic Fuzzing and Image Acquisition		2022 23rd IEEE International Conference on Automation Quality and Testing Robotics Theta Aqtr 2022 Proceedings			0	0	0	0	1
1362	2022	CONTRIBUTIONS TO THE STUDY OF COSMETIC EMULSIONS USING ANALYTICAL AND EXPERIMENTAL MATHEMATICAL MODELS	12247154	Studia Universitatis Babes Bolyai Chemia	67	2	0	0	0	1	0
1363	2022	A hierarchical learning framework for generalizing tracking control behavior of a laboratory electrical system	19483449	IEEE International Conference on Control and Automation Icca	2022-June		0	0	2	0	0
1364	2022	THE EVALUATION OF VITAMIN D DEFICIENCY AS A RISK FACTOR IN THE CASE OF PATIENTS WITH MODERATE COVID-19	148237	Farmacia	70	3	0	0	1	4	3
1365	2022	Short term traffic congestion prediction using publically available traffic data: a case study on Timisoara		Sami 2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics Proceedings			0	0	2	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1366	2022	Computational Fluid Dynamics Applications in Cardiovascular Medicine – from Medical Image-Based Modeling to Simulation: Numerical Analysis of Blood Flow in Abdominal Aorta	23646748	Forum for Interdisciplinary Mathematics			0	0	4	0	3	
1367	2022	Some Helpful Features of the TIG Welding Process Using High Frequency Pulsed Arc	10120386	Defect and Diffusion Forum	416		0	0	0	1	1	
1368	2022	Valorization of Abrasive Waterjet Garnet Wastes by Innovative Integration in Building Materials	10120394	Solid State Phenomena	332		0	0	0	1	2	
1369	2022	Design of Shape Memory Micro-Actuator Modules with Sequential Actuation	10120394	Solid State Phenomena	332		0	0	0	1	0	
1370	2022	Study Regarding the Evaluation of Prediction Models for Determining the Concrete Compressive Strength Using Non-Destructive Testing (NDT) Data: Validation Stage	10120394	Solid State Phenomena	332		0	0	0	0	2	
1371	2022	FREQUENCY MODELLING AND DYNAMIC IDENTIFICATION OF CROSS-FLOW WATER TURBINES	3549836	Thermal Science	26	2	0	0	0	0	0	
1372	2022	EASY-TO-READ IN ROMANIA: CURRENT STATUS AND FUTURE PERSPECTIVES IN A EUROPEAN CONTEXT	20030924	Swedish Journal of Romanian Studies	5	2	0	0	1	2	0	
1373	2022	Pre-test Numerical Modelling of Stainless Steel and Hybrid Links	23662557	Lecture Notes in Civil Engineering	262 LNCE		0	0	0	0	2	
1374	2022	Seismic Performance of Dual-Concentrically Braced Frames with Slim-Floor Beam-to-Column Joints	23662557	Lecture Notes in Civil Engineering	262 LNCE		0	0	0	0	1	
1375	2022	Multi-hazard Robustness Assessment of Seismic Resistant Dual Frame Concentrically Braced Frames	23662557	Lecture Notes in Civil Engineering	262 LNCE		0	0	0	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1376	2022	Comparison of the Seismic Performance of Conventional Moment Resisting Frames and Innovative Dissipative Replaceable Link Frames	23662557	Lecture Notes in Civil Engineering	262 LNCE		0	0	0	1	0
1377	2022	Slim-Floor Beam-to-Column Joints for Seismic-Resistant Structures: Design Approach and Detailing	23662557	Lecture Notes in Civil Engineering	262 LNCE		0	0	0	0	1
1378	2022	Some Classes of Meirâ€™Keeler Contractions	19316828	Springer Optimization and Its Applications	180		0	0	0	1	0
1379	2022	Bank Financial Stability and International Oil Prices: Evidence from Listed Russian Public Banks	128775	Eastern European Economics	60	3	0	0	0	2	1
1380	2022	Triethylene Glycol Dehydration of Natural Gas: Evaluation of Mass and Heat Transfer Coefficients in the Case of Absorption and Stripping Structured Packing Towers	3529568	Chemical and Biochemical Engineering Quarterly	36	1	0	0	0	0	1
1381	2022	ULTRASONIC WELDING ON Cu-Zr BASED GLASSY RIBBONS	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	84	1	0	0	1	0	0
1382	2022	The effects of the COVID-19 pandemic on healthcare workers' psychological and mental health: The moderating role of felt obligation	10519815	Work	71	3	0	0	4	5	7
1383	2022	Multi-objective Optimization Methods for Passive and Active Devices in mm-Wave 5G Networks	25096796	Polito Springer Series			0	0	1	3	2
1384	2022	Productivity, financial performance, and corporate governance: evidence from Romanian R&D firms	36846	Applied Economics	54	51	0	0	0	1	3
1385	2022	EFFECT OF THE ALLOYING ELEMENTS ON THE PROPERTIES OF GRAY CAST IRON USED FOR AUTOMOTIVE BRAKE DISCS	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	84	1	0	0	0	0	0
1386	2022	RESEARCH ON THE PRODUCTION OF COMPOSITE MATERIALS FOR BRAKE SHOES	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	84	1	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1387	2022	Performance Improvement of Low-Cost Iterative Learning-Based Fuzzy Control Systems for Tower Crane Systems	18419836	International Journal of Computers Communications and Control	17	1	0	0	4	5	5
1388	2022	ECUPrint - Physical Fingerprinting Electronic Control Units on CAN Buses Inside Cars and SAE J1939 Compliant Vehicles	15566013	IEEE Transactions on Information Forensics and Security	17		0	0	1	7	14
1389	2022	Changing the optical properties of poly(methyl methacrylate) superficial films during UV irradiation	387010	Spectroscopy Letters	55	3	0	0	0	0	1
1390	2022	Eco-valorification of marine shells by hydrothermal conversion in alkaline media	18423582	Digest Journal of Nanomaterials and Biostructures	17	1	0	0	0	1	0
1391	2022	Checking the Validity of the Simulation for a Vehicle Test Collision	22110984	Mechanisms and Machine Science	109		0	0	0	0	0
1392	2022	Dynamic Simulation of a Planetary Gearbox with Double Satellite	22110984	Mechanisms and Machine Science	109		0	0	1	0	1
1393	2022	Elongating Nexus Between Workplace Factors and Knowledge Hiding Behavior: Mediating Role of Job Anxiety	11791578	Psychology Research and Behavior Management	15		0	0	14	15	21
1394	2022	Walking Robot with Modified Jansen Linkage	22110984	Mechanisms and Machine Science	109		0	0	0	0	2
1395	2022	Measurement of the c-jet mistagging efficiency in tt̄ events using pp collision data at √s=13 TeV collected with the ATLAS detector	14346044	European Physical Journal C	82	1	0	0	3	17	34
1396	2022	Automated Power Amplifier Design Through Multiobjective Bottom-Up and Particle Swarm Optimizations Using Neural Network	9308989	Springer Proceedings in Physics	268		0	0	1	0	1
1397	2022	Operation and performance of the ATLAS semiconductor tracker in LHC Run 2	17480221	Journal of Instrumentation	17	1	0	0	2	0	1
1398	2022	An analysis of two degenerate double-Hopf bifurcations	26881594	Electronic Research Archive	30	1	0	0	0	2	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1399	2022	Sketching Methods for Dynamic Mode Decomposition in Spherical Shallow Water Equations		AIAA Science and Technology Forum and Exposition AIAA Scitech Forum 2022			0	0	1	0	1		
1400	2022	Search for Higgs boson decays into a pair of pseudoscalar particles in the $b\bar{b}\ell\ell$ final state with the ATLAS detector in pp collisions at $\sqrt{s}=13$ TeV	24700010	Physical Review D	105	1	0	0	10	8	14		
1401	2022	A Study on Application of Dielectric Resonator Antenna in Implantable Medical Devices	21693536	IEEE Access	10		0	0	2	2	5		
1402	2022	Search for heavy particles in the b -tagged dijet mass distribution with additional b -tagged jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment	24700010	Physical Review D	105	1	0	0	1	0	2		
1403	2022	Investigation of UV Dye-Sensitized Solar Cells Based on Water Electrolyte: A New Insight for Wavelength-Selective Greenhouse	20734352	Crystals	12	1	0	0	3	2	4		
1404	2022	Green Interactive Installations as Conceptual Experiments towards a New Meaning of Smart Design	20755309	Buildings	12	1	0	0	1	2	1		
1405	2022	Search for exotic decays of the Higgs boson into $b\bar{b}\tilde{A}^0$ and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2022	1	0	0	3	2	1		
1406	2022	Artificial Intelligence in Primary Care: An Overview	9269630	Studies in Health Technology and Informatics	289		0	0	2	1	5		
1407	2022	A New SEPIC-Based DC-DC Converter with Coupled Inductors Suitable for High Step-Up Applications	20763417	Applied Sciences Switzerland	12	1	0	0	3	3	5		
1408	2022	Evaluating Research Trends from Journal Paper Metadata, Considering the Research Publication Latency	22277390	Mathematics	10	2	0	0	3	2	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1409	2022	Evaluation of Symmetrical Exercises in Scoliosis by Using Thermal Scanning	20763417	Applied Sciences Switzerland	12	2	0	0	0	1	3
1410	2022	New Elements of Analysis of a Degenerate Chenciner Bifurcation	20738994	Symmetry	14	1	0	0	2	0	0
1411	2022	Performance of the ATLAS Level-1 topological trigger in RunÂ 2	14346044	European Physical Journal C	82	1	0	0	5	5	8
1412	2022	Analytical Method for the Bending Resistance of Slim Floor Beams with Asymmetric Double-T Steel Section under ISO Fire	20763417	Applied Sciences Switzerland	12	2	0	0	1	0	0
1413	2022	Optimization of Complete Rat Heart Decellularization Using Artificial Neural Networks	2072666X	Micromachines	13	1	0	0	0	2	2
1414	2022	Model Reference Tracking Control Solutions for a Visual Servo System Based on a Virtual State from Unknown Dynamics	19961073	Energies	15	1	0	0	5	1	5
1415	2022	Techno-Economic Analysis of the Justification of the Machine Part Reparation Procedure on the Excavator	23673370	Lecture Notes in Networks and Systems	369 LNNS		0	0	1	1	0
1416	2022	Co-entrapment of sorafenib and cisplatin drugs and irgd tumour homing peptide by poly[Îµ-caprolactone-co-(12-hydroxystearate)] copolymer	22279059	Biomedicines	10	1	0	0	0	0	3
1417	2022	Sliding wear behavior of high-temperature vacuum-brazed WC-Co-NiP functional composite coatings	19961944	Materials	15	1	0	0	2	0	0
1418	2022	Environmental regulations and co2 mitigation for sustainability: Panel data analysis (pmg, ccemg) for brics nations	20711050	Sustainability Switzerland	14	1	0	0	6	6	9
1419	2022	A preliminary study on ergonomic contribution to the engineering design approach of a wheel loader control lever system	20711050	Sustainability Switzerland	14	1	0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1420	2022	Deep learning assisted automatic methodology for implanted mimo antenna designs on large ground plane	20799292	Electronics Switzerland	11	1	0	0	2	5	0
1421	2022	Pencil graphite electrodes decorated with platinum nanoparticles as efficient electrocatalysts for hydrogen evolution reaction	19961944	Materials	15	1	0	0	1	2	5
1422	2022	A custom-made lower limb dynamometer for assessing ankle joint torque in humans: Calibration and measurement procedures	14248220	Sensors	22	1	0	0	3	2	0
1423	2022	Electrochemical method for ease determination of sodium diclofenac trace levels in water using grapheneâ€”Multi-walled carbon nanotubes paste electrode	16617827	International Journal of Environmental Research and Public Health	19	1	0	0	4	3	5
1424	2022	The synthesis of pyrazolo[5,1-c][1,2,4]triazoles. Part 2: From bicyclic precursors. Annulated pyrazolo[5,1-c][1,2,4]triazoles	652725	Advances in Heterocyclic Chemistry	136		0	0	0	0	0
1425	2022	Intelligent Paradigms for Diagnosis, Prediction and Control in Healthcare Applications	18684394	Intelligent Systems Reference Library	212		0	0	0	0	1
1426	2022	Reinforcement Learning-based control using Q-learning and gravitational search algorithm with experimental validation on a nonlinear servo system	200255	Information Sciences	583		0	0	35	61	41
1427	2022	Assessment of country institutional factor on sustainable energy target achievement in European Union	1331677X	Economic Research Ekonomska Istrazivanja	35	1	0	0	1	2	0
1428	2022	Synthesis and characterization of magnetic iron oxideâ€”silica nanocomposites used for adsorptive recovery of palladium (II)	1539445X	Soft Materials	20	sup1	0	0	2	3	2
1429	2022	Kinematic Performance Analysis of a 3-R(RPRGR)RR Planar Parallel Robot	22110984	Mechanisms and Machine Science	108	MMS	0	0	2	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1430	2022	Controlling frequency distance between individual modes of dielectric resonator nanoantenna using uniaxial anisotropic materials	0969806X	Radiation Physics and Chemistry	190		0	0	1	1	1
1431	2022	Influence of Natural Aggregates™ Mineralogical Composition on the Adhesiveness and Affinity of Bitumen	22110844	Rilem Bookseries	27		0	0	0	1	0
1432	2022	Estimation of Complex Shear Modulus of Binder Blends Produced with RAP Binder and Rejuvenator	22110844	Rilem Bookseries	27		0	0	0	0	1
1433	2022	Critical temperatures blending chart for binder blends produced with rap binder and rejuvenator	903973	Journal of Testing and Evaluation	50	1	0	0	0	1	1
1434	2022	The synthesis of pyrazolo[5,1-c][1,2,4]triazoles. Part 1: From acyclic and monocyclic precursors	652725	Advances in Heterocyclic Chemistry	136		0	0	0	0	0
1435	2022	Energy potential of a ground-air heat exchanger—measurements and computational models	23744731	Science and Technology for the Built Environment	28	1	0	0	1	0	2
1436	2022	Firm-level TFP convergence: an application to the German electricity and gas industry	13504851	Applied Economics Letters	29	9	0	0	3	0	0
1437	2022	Digital financial literacy and microfinancing among underprivileged communities in Cambodia	12201758	Revista Romana De Informatica Si Automatica	32	4	0	0	0	1	6
1438	2022	RELIABILITY ANALYSIS OF ROLLING BALL BEARINGS CONSIDERING THE BEARING RADIAL CLEARANCE AND OPERATING TEMPERATURE	28129709	Advanced Engineering Letters	1	1	0	0	1	1	4
1439	2021	COMPARATIVE STUDY BETWEEN SOLID STATE WELDING AND RADIANT ENERGY WELDING PROCESSES FOR JOINING METALLIC GLASSY RIBBONS	12214639	Annals of Dunarea De Jos University of Galati Fascicle Xii Welding Equipment and Technology	32		0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1440	2021	Search for Lepton-Flavor Violation in Z -Boson Decays with $\tilde{l}$, Leptons with the ATLAS Detector	319007	Physical Review Letters	127	27	0	0	5	5	10	
1441	2021	Data-Driven Model-Free Controllers		Data Driven Model Free Controllers			0	0	14	31	50	
1442	2021	The effect of ground motion vertical component on the seismic response of historical masonry buildings: The case study of the Banloc Castle in Romania	1410296	Engineering Structures	249		0	0	10	15	13	
1443	2021	Parameter estimation for a simplified model of an electrolytic capacitor in transient regimes	17426588	Journal of Physics Conference Series	2090	1	0	0	1	2	1	
1444	2021	Erratum to: Measurement of hadronic event shapes in high-p T multijet final states at s = 13 TeV with the ATLAS detector (Journal of High Energy Physics, (2021), 2021, 1, (188), 10.1007/JHEP01(2021)188)	10298479	Journal of High Energy Physics	2021	12	0	0	0	0	2	
1445	2021	Multiparametric Ultrasound Approach Using a Tree-Based Decision Classifier for Inconclusive Focal Liver Lesions Evaluated by Contrast Enhanced Ultrasound	20754426	Journal of Personalized Medicine	11	12	0	0	1	3	1	
1446	2021	Search for charginos and neutralinos in final states with two boosted hadronically decaying bosons and missing transverse momentum in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	104	11	0	0	8	26	30	
1447	2021	Search for new phenomena in pp collisions in final states with tau leptons, b -jets, and missing transverse momentum with the ATLAS detector	24700010	Physical Review D	104	11	0	0	8	16	10	
1448	2021	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow \tau^+ \tau^- J/\psi K$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	12	0	0	0	5	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1449	2021	Long-term urbanization dynamics and the evolution of green/blue areas in eastern europe: Insights from Romania	20711050	Sustainability Switzerland	13	24	0	0	1	6	3	
1450	2021	Physics-based ground motion simulations for the prediction of the seismic vulnerability of masonry building compounds in Mirandola (Italy)	20755309	Buildings	11	12	0	0	4	7	4	
1451	2021	Multidimensional food security nexus in drylands under the slow onset effects of climate change	2073445X	Land	10	12	0	0	6	2	8	
1452	2021	Chemical modification of chitosan for removal of Pb(II) ions from aqueous solutions	19961944	Materials	14	24	0	0	4	5	3	
1453	2021	Search for chargino“neutralino pair production in final states with three leptons and missing transverse momentum in s=13 TeV pp collisions with the ATLAS detector	14346044	European Physical Journal C	81	12	0	0	20	22	35	
1454	2021	Drug repurposing using modularity clustering in drug-drug similarity networks based on drug“gene interactions	19994923	Pharmaceutics	13	12	0	0	4	6	3	
1455	2021	GENERALIZED KLAUDER-PERELOMOV COHERENT STATES IN THE FRAME OF DIAGONAL OPERATORS ORDERING TECHNIQUE	344877	Reports on Mathematical Physics	88	3	0	0	1	0	0	
1456	2021	GENERALIZED KLAUDER-PERELOMOV COHERENT STATES IN THE FRAME OF DIAGONAL OPERATORS ORDERING TECHNIQUE	344877	Reports on Mathematical Physics	88	3	0	0	1	0	0	
1457	2021	Development of new efficient adsorbent by functionalization of mg3al-ldh with methyl trialkyl ammonium chloride ionic liquid	14203049	Molecules	26	23	0	0	1	3	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1458	2021	Analytical study of nonlinear vibration in a rub-impact jeffcott rotor	19961073	Energies	14	24	0	0	1	1	1
1459	2021	Configuration and performance of the ATLAS b-jet triggers in Run 2	14346044	European Physical Journal C	81	12	0	0	3	4	5
1460	2021	Dental-plaque decontamination around dental brackets using antimicrobial photodynamic therapy: An in vitro study	16617827	International Journal of Environmental Research and Public Health	18	23	0	0	1	3	2
1461	2021	Calibration of CO, NO2, and O3 using airify: A low-cost sensor cluster for air quality monitoring	14248220	Sensors	21	23	0	0	5	6	14
1462	2021	Approximate analytical solutions for systems of fractional nonlinear integro-differential equations using the polynomial least squares method	25043110	Fractal and Fractional	5	4	0	0	0	0	2
1463	2021	Symmetry-breaking manipulation in the design of multifunctional tunable frequency selective surface	14348411	AEU International Journal of Electronics and Communications	142		0	0	2	2	3
1464	2021	The effects of layers orientation on impact energy evaluation of FDM printed specimens	25776576	Material Design and Processing Communications	3	6	0	0	1	3	2
1465	2021	Development and characterization of magnetic iron oxide nanoparticles using microwave for the combustion reaction ignition, as possible candidates for biomedical applications	325910	Powder Technology	394		0	1	4	8	9
1466	2021	Ultimate and post-ultimate behaviour of thin-walled cold-formed steel open-section members under eccentric compression. Part I: Collapse mechanisms database (theoretical study)	2638231	Thin Walled Structures	169		0	0	3	3	2
1467	2021	Radial crushing response of ex-situ foam-filled tubes at elevated temperatures	2638223	Composite Structures	277		0	1	6	9	9
1468	2021	Coverage Analysis in Two-tier 5G Hetnet Based on Stochastic Geometry with Interference Coordination Strategy	9296212	Wireless Personal Communications	121	4	0	0	5	4	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1469	2021	Three-dimensional porous electrode based on silver nanowires for hydrogen sulfide detection	0167577X	Materials Letters	304		0	0	1	1	3
1470	2021	Experimental testing of two short-fiber reinforced composites: PPA-GF33 and PPS-GF40	25776576	Material Design and Processing Communications	3	6	0	0	2	1	4
1471	2021	A novel geo-hierarchical population mobility model for spatial spreading of resurgent epidemics	20452322	Scientific Reports	11	1	0	0	3	1	3
1472	2021	Fracture toughness in additive manufacturing by selective laser sintering: an overview	25776576	Material Design and Processing Communications	3	6	0	0	1	3	3
1473	2021	Aspects regarding colour fastness and adsorption studies of a new azo-stilbene dye for acrylic resins	20452322	Scientific Reports	11	1	0	3	7	2	3
1474	2021	Securing the controller area network with covert voltage channels	16155262	International Journal of Information Security	20	6	0	1	0	1	0
1475	2021	Sliding mode control algorithms for anti-lock braking systems with performance comparisons	19994893	Algorithms	14	1	0	3	5	2	8
1476	2021	Sliding-Mode Direct-Voltage Control of Voltage-Source Converters with LC Filters for Pulsed Power Loads	2780046	IEEE Transactions on Industrial Electronics	68	12	0	2	5	12	8
1477	2021	A review: Evolution of enzymatic biofuel cells	3014797	Journal of Environmental Management	298		0	0	7	11	22
1478	2021	Electoral forecasting using a novel temporal attenuation model: Predicting the US presidential elections	9574174	Expert Systems with Applications	182		0	0	2	0	2
1479	2021	Search for resonances decaying into photon pairs in 139 fb ⁻¹ of pp collisions at s=13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	822		0	2	15	12	16
1480	2021	Fast colonization algorithm for seed selection in complex networks based on community detection		Proceedings of the 2021 IEEE ACM International Conference on Advances in Social Networks Analysis and Mining Asonam 2021			0	0	1	2	0

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							2020	2021	2022	2023	2024
1481	2021	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector	10298479	Journal of High Energy Physics	2021	11	0	0	8	11	10
1482	2021	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector	10298479	Journal of High Energy Physics	2021	11	0	0	5	8	6
1483	2021	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	11	0	0	7	9	9
1484	2021	Measurement of the $t\bar{t}t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	11	0	0	5	14	14
1485	2021	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s}=13$ TeV proton-proton collision data	14346044	European Physical Journal C	81	11	0	1	5	10	9
1486	2021	Concrete compressive strength by means of ultrasonic pulse velocity and moduli of elasticity	19961944	Materials	14	22	0	0	8	9	6
1487	2021	Fabrication of a uv photodetector based on n-tio2 /p-cumno2 heterostructures	20796412	Coatings	11	11	0	0	7	9	6
1488	2021	Erratum to: Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb $\sqrt{s}$ of Pb+Pb data with the ATLAS detector (Journal of High Energy Physics, (2021), 2021, 3, (243), 10.1007/JHEP03(2021)243)	10298479	Journal of High Energy Physics	2021	11	0	0	1	8	8
1489	2021	New investigations with lupane type a-ring azepane triterpenoids for antimycobacterial drug candidate design	16616596	International Journal of Molecular Sciences	22	22	0	0	0	4	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1490	2021	Dds and opc ua protocol coexistence solution in real-time and industry 4.0 context using non-ideal infrastructure	14248220	Sensors	21	22	0	0	6	5	5
1491	2021	Dilated filters for edge-detection algorithms	20763417	Applied Sciences Switzerland	11	22	0	0	4	7	8
1492	2021	A review of deep learning-based methods for pedestrian trajectory prediction	14248220	Sensors	21	22	0	0	15	19	22
1493	2021	Automated medical care: Bradycardia detection and cardiac monitoring of preterm infants	1010660X	Medicina Lithuania	57	11	0	0	1	0	3
1494	2021	Hierarchical cognitive control for unknown dynamic systems tracking	22277390	Mathematics	9	21	0	1	6	4	3
1495	2021	The perception and degree of adoption by urbanites towards urban farming	20711050	Sustainability Switzerland	13	21	0	0	1	3	5
1496	2021	Manufacturing technologies of carbon/glass fiber-reinforced polymer composites and their properties: A review	20734360	Polymers	13	21	0	1	26	46	81
1497	2021	Analysis of the possibilities of selective detection of a single line-to-ground fault in a medium voltage network with isolated neutral	19961073	Energies	14	21	0	0	2	2	0
1498	2021	Environmental impact assessment of different warm mix asphalts	20711050	Sustainability Switzerland	13	21	0	0	2	3	6
1499	2021	A review on methods and systems for remote collaboration	20763417	Applied Sciences Switzerland	11	21	0	1	2	6	9
1500	2021	Approximate solutions for a class of nonlinear fredholm and volterra integro-differential equations using the polynomial least squares method	22277390	Mathematics	9	21	0	1	1	2	0
1501	2021	User evaluation of a multi-platform digital storytelling concept for cultural heritage	22277390	Mathematics	9	21	0	0	3	7	6

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							2020	2021	2022	2023	2024
1502	2021	Graphene quantum dots and Cu(I) liquid crystal for advanced electrochemical detection of doxorubicine in aqueous solutions	20794991	Nanomaterials	11	11	0	0	6	4	3
1503	2021	Multiphysics modelling of the mechanical properties in polymers obtained via photo-induced polymerization	2683768	International Journal of Advanced Manufacturing Technology	117	01-Feb	0	0	4	9	2
1504	2021	Molecular interactions of two biologically active molecules (L-tyrosine and L-valine) in aqueous [Hmim]Cl solutions: Volumetric and viscometric approach	1677322	Journal of Molecular Liquids	341		0	0	1	3	4
1505	2021	Development of a new ZnO-p-Si heterojunction based on TiO ₂ and CuMnO ₂ synergy materials	2540584	Materials Chemistry and Physics	272		0	1	4	7	7
1506	2021	COVID-19 and Greenhouse Gas Emission Mitigation: Modeling the Impact on Environmental Sustainability and Policies	2296665X	Frontiers in Environmental Science	9		0	0	9	8	4
1507	2021	Signifying the Effect of Relational and Experiential Cognitive Styles on Entrepreneurial Behavior: A Mediated Moderated Model	16641078	Frontiers in Psychology	12		0	0	1	0	2
1508	2021	Erratum to: Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector (The European Physical Journal C, (2021), 81, 7, (600), 10.1140/epjc/s10052-021-09344-w)	14346044	European Physical Journal C	81	10	0	0	1	1	1
1509	2021	Voltage stability index using new single-port equivalent based on component peculiarity and sensitivity persistence	22279717	Processes	9	10	0	0	2	5	4
1510	2021	Search for New Phenomena in Final States with Two Leptons and One or No b -Tagged Jets at $\sqrt{s} = 13$ TeV Using the ATLAS Detector	319007	Physical Review Letters	127	14	0	0	10	6	2

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1511	2021	Antimicrobial activities of chitosan derivatives	19994923	Pharmaceutics	13	10	0	1	3	4	13
1512	2021	Secure audio-visual data exchange for android in-vehicle ecosystems	20763417	Applied Sciences Switzerland	11	19	0	0	0	1	0
1513	2021	Bathurst burr (Xanthium spinosum) powderâ€™a new natural effective adsorbent for crystal violet dye removal from synthetic wastewaters	19961944	Materials	14	19	0	0	0	5	2
1514	2021	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	10	0	2	3	9	9
1515	2021	Adsorption of anionic dyes from wastewater onto magnetic nanocomposite powders synthesized by combustion method	20763417	Applied Sciences Switzerland	11	19	0	0	3	7	5
1516	2021	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	14346044	European Physical Journal C	81	10	0	1	7	7	6
1517	2021	Leadersâ€™ perspectives on IoT security risk management strategies in surveyed organizations relative to IoT SRM2	20763417	Applied Sciences Switzerland	11	19	0	0	1	0	2
1518	2021	Optimization, equilibrium and kinetic modeling of methylene blue removal from aqueous solutions using dry bean pods husks powder	19961944	Materials	14	19	0	0	2	4	6
1519	2021	A new perspective on adsorbent materials based impregnated MgSiO ₃ with crown ethers for palladium recovery	16616596	International Journal of Molecular Sciences	22	19	0	0	1	4	5
1520	2021	Genome-wide association studies for milk somatic cell score in Romanian dairy cattle	20734425	Genes	12	10	0	0	4	1	6

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1521	2021	A comparative analysis of some methods for wind turbine maximum power point tracking	22277390	Mathematics	9	19	0	0	2	2	0
1522	2021	Influence of the laser cladding parameters on the morphology, wear and corrosion resistance of wc-co/nicrbsi composite coatings	19961944	Materials	14	19	0	0	7	7	7
1523	2021	A comparative analysis of the use of the concept of sustainability in the romanian top universitiesâ€™ strategic plans	20711050	Sustainability Switzerland	13	19	0	0	3	3	2
1524	2021	The influence of loading rate on the ultimate capacity of bolted T-stubs at ambient and high temperature	3797112	Fire Safety Journal	125		0	0	1	1	0
1525	2021	Automated optimization for broadband flat-gain antenna designs with artificial neural network	17518725	Iet Microwaves Antennas and Propagation	15	12	0	2	5	5	4
1526	2021	Mixed mode fracture behavior of short-particle engineered wood	1678442	Theoretical and Applied Fracture Mechanics	115		0	0	3	2	5
1527	2021	Crashworthiness performance of lightweight Composite Metallic Foams at high temperatures	1359835X	Composites Part A Applied Science and Manufacturing	149		0	2	7	10	7
1528	2021	Post-processing technologies of copperâ€™polylactic acid composites obtained by 3D printing fused deposition modeling	25776576	Material Design and Processing Communications	3	5	0	0	0	1	1
1529	2021	Experimental investigations on the seismic behavior of composite steel concrete coupled shear walls with central openings	23520124	Structures	33		0	0	3	4	4
1530	2021	Investigating additional vehicle safety features using optical scanning device		Sisy 2021 IEEE 19th International Symposium on Intelligent Systems and Informatics Proceedings			0	0	0	0	0
1531	2021	Underwater Image Enhancement on Low-Cost Hardware Platform	13342630	Proceedings Elmar International Symposium Electronics in Marine	2021-September		0	0	2	1	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1532	2021	A MSP430 microcontroller simulator for teaching at university during the Covid-19 pandemic	18037232	International Conference on Applied Electronics	2021-September		0	0	0	0	1
1533	2021	A Novel Quadratic Step-Up DC-DC Converter		2021 23rd European Conference on Power Electronics and Applications EPE 2021 Ecce Europe			0	0	1	0	0
1534	2021	Magnetic equivalent circuit - based optimal design code of high torque density and efficiency small power claw pole stator PM motor		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	1	0	2
1535	2021	Supercapacitor City Minibus Propulsion System Simulations, Methodology, and Case Study		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	1	0
1536	2021	V/f with stabilizing loops fast response control of Induction Motor (IM) drives		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	0	4
1537	2021	BEGA-biaxial excitation generator - operation for constant diode dc output voltage with 3,6,9 phases for increased redundancy		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	1	0
1538	2021	A High Gain Hybrid non-isolated Magnetically-Coupled Switched-Inductor Converter		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	1	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1539	2021	Doubly Salient Ferrite rotor PM single phase SM motor: FEM based optimal design and analysis		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	0	1		
1540	2021	Referencing position versus speed active flux based encoderless control of PM-RSM drives at ultra-low speeds without signal injection		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	1	1		
1541	2021	10MW, 10rpm, 30Hz spoke Ferrite and bonded NdFeB-rotor wind PMSG preliminary design with FEM validations for 6 rotor variants		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	1	1		
1542	2021	100kW 2400-4800rpm -spoke-PM bonded NdFeB traction motor preliminary design with FEM imported parameter circuit controlled dynamics validation		2021 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment Optim 2021			0	0	0	2	0		
1543	2021	Human Health Effects of Heavy Metal Pollution in the Cross-Border Area of Romania and Serbia: A Review	18986196	Ecological Chemistry and Engineering S	28	3	0	0	2	6	2		
1544	2021	Fire protection assessment for the steel beams of a road bridge	9650911	Proceedings of the Institution of Civil Engineers Structures and Buildings	174	9	0	1	0	1	0		
1545	2021	Article the polynomial least squares method for nonlinear fractional volterra and fredholm integro-differential equations	22277390	Mathematics	9	18	0	0	0	0	1		
1546	2021	The importance of international collaboration to enhance education for environmental citizenship	20711050	Sustainability Switzerland	13	18	0	0	1	2	4		
1547	2021	Kinetics, thermodynamics and equilibrium studies for gold recovery from diluted waste solution	19961944	Materials	14	18	0	1	0	2	3		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1548	2021	Evolution and forecasting of the renewable energy consumption in the frame of sustainable development: EU vs. Romania	20711050	Sustainability Switzerland	13	18	0	2	1	5	8	
1549	2021	A study on effects of reinforcement materials in aluminum-based metal matrix composites	23490918	International Journal of Engineering Trends and Technology	69	9	0	0	3	1	3	
1550	2021	Students’s perceptions of verbal and non-verbal communication behaviors during and after the covid-19 pandemic	20763417	Applied Sciences Switzerland	11	18	0	0	5	2	4	
1551	2021	Adhesive-ceramic interface behavior in dental restorations. Fem study and sem investigation	19961944	Materials	14	17	0	0	2	2	1	
1552	2021	Recycling of expired ceftamil drug as additive in the copper and nickel electrodeposition from acid baths	16617827	International Journal of Environmental Research and Public Health	18	18	0	0	0	0	4	
1553	2021	The influence of the characteristics of the medium voltage network on the single line-to-ground fault current in the resistor grounded neutral networks	24119660	Designs	5	3	0	0	2	0	2	
1554	2021	Fast and Efficient Group Key Exchange in Controller Area Networks (CAN)	189545	IEEE Transactions on Vehicular Technology	70	9	0	0	2	7	7	
1555	2021	(R,s)-2-([4-(4-methylphenyl)-5-phenyl-4h-1,2,4-triazol-3-yl]thio)-1-phenyl-1-ethanol	14228599	Molbank	2021	3	0	0	0	0	1	
1556	2021	Axial crashworthiness performance of foam-based composite structures under extreme temperature conditions	2638223	Composite Structures	271		0	1	13	14	12	
1557	2021	The Nonlinear Relationship Between Firm Size and Growth in the Automotive Industry	15661679	Journal of Industry Competition and Trade	21	3	0	0	2	0	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1558	2021	Education for Resilience: How a Combination of Systemic and Bottom-Up Changes in Educational Services Can Empower Dryland Communities in Africa and Central Asia	219096	Journal of Asian and African Studies	56	6	0	1	0	1	1
1559	2021	Evidence for Higgs boson decays to a low-mass dilepton system and a photon in pp collisions at s=13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	819		0	2	7	2	4
1560	2021	Crushing response of Composite Metallic Foams: Density and High Strain Rate effects	9258388	Journal of Alloys and Compounds	871		0	2	3	4	4
1561	2021	Experimental evaluation of energy-efficiency in a holistically designed building	19961073	Energies	14	16	0	0	1	0	0
1562	2021	A green, simple and facile way to synthesize silver nanoparticles using soluble starch. Ph studies and antimicrobial applications	19961944	Materials	14	16	0	0	4	3	4
1563	2021	Characteristics of 3d printable bronze pla-based filament composites for gaskets	19961944	Materials	14	16	0	0	1	1	6
1564	2021	Automated specification-based testing of REST APIs	14248220	Sensors	21	16	0	0	3	4	3
1565	2021	Experimental study of the effects of torsional loading on three types of nickel-titanium endodontic instruments	20763417	Applied Sciences Switzerland	11	16	0	1	2	1	0
1566	2021	Assessment of the different type of materials used for removing phosphorus from wastewater	19961944	Materials	14	16	0	0	4	4	2
1567	2021	Sustainable behavior among romanian students: A perspective on electricity consumption in households	20711050	Sustainability Switzerland	13	16	0	1	5	3	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1568	2021	Search for bottom-squark pair production in pp collision events at $\sqrt{s}=13$ TeV with hadronically decaying $\tilde{t}$, $\tilde{b}$ -leptons, b-jets, and missing transverse momentum using the ATLAS detector	24700010	Physical Review D	104	3	0	1	2	4	3
1569	2021	Measurements of the inclusive and differential production cross sections of a top-quark $\bar{t}$ -antiquark pair in association with a Z boson at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	81	8	0	7	7	14	7
1570	2021	Microstructure and mechanical properties of 6082-T6 aluminum alloy-zinc coated steel brazed-welded joints	255300	Materialprüfung Materials Testing	63	8	0	0	3	1	0
1571	2021	Degenerate Chenciner Bifurcation Revisited	2181274	International Journal of Bifurcation and Chaos	31	10	0	0	3	0	0
1572	2021	Process transferability of friction riveting of AA2024-T351/polyetherimide (PEI) joints using hand-driven, low-cost drilling equipment	22279717	Processes	9	8	0	1	1	3	0
1573	2021	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s}=8$ TeV with the ATLAS detector	14346044	European Physical Journal C	81	8	0	4	1	6	3
1574	2021	Jet energy scale and resolution measured in proton $\bar{p}$ -proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	81	8	0	6	25	61	83
1575	2021	Carbon nanotubes for improved performances of endodontic sealer	19961944	Materials	14	15	0	1	2	1	2
1576	2021	Romanian students' environment-related routines during COVID-19 home confinement: Water, plastic, and paper consumption	16617827	International Journal of Environmental Research and Public Health	18	15	0	2	3	3	1
1577	2021	Resilience of dual steel-dual frame buildings in seismic areas	18670520	Steel Construction	14	3	0	0	2	3	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1578	2021	Hyperanalytic wavelet-based robust edge detection	20724292	Remote Sensing	13	15	0	1	4	3	3
1579	2021	Quantification of the aerosol-induced errors in solar irradiance modeling	1777971	Meteorology and Atmospheric Physics	133	4	0	0	1	1	3
1580	2021	Charpy impact properties and numerical modeling of polycarbonate composites	25776576	Material Design and Processing Communications	3	4	0	1	3	5	2
1581	2021	Oil price and US dollar exchange rate: Change detection of bi-directional causal impact	1409883	Energy Economics	100		0	1	7	15	15
1582	2021	A bidirectional hybrid switched inductor converter with wide voltage conversion range	17554535	Iet Power Electronics	14	10	0	0	1	3	1
1583	2021	Theoretical and experimental study of precast reinforced concrete walls with different openings under seismic loads	1410296	Engineering Structures	240		0	0	3	3	1
1584	2021	Mode I critical energy release rate of additively manufactured polyamide samples	1678442	Theoretical and Applied Fracture Mechanics	114		0	2	4	6	3
1585	2021	Stochastic geometry modeling and analysis of downlink coverage and rate in small cell network	10184864	Telecommunication Systems	77	4	0	0	1	6	1
1586	2021	Invisibility utilizing Huygens' metasurface based on mantle cloak and scattering suppression phenomenon	0018926X	IEEE Transactions on Antennas and Propagation	69	8	0	1	3	4	5
1587	2021	Search for Displaced Leptons in s =13 TeV pp Collisions with the ATLAS Detector	319007	Physical Review Letters	127	5	0	2	11	14	12
1588	2021	The creation method of a head-up display for cars using an iphone		Proceedings of the 2021 5th World Conference on Smart Trends in Systems Security and Sustainability Worlds4 2021			0	0	0	1	1
1589	2021	Multi-band Implantable Microstrip Antenna on Large Ground Plane and TiO2 Substrate		2021 IEEE 17th International Conference on Wearable and Implantable Body Sensor Networks Bsn 2021			0	0	1	0	1
1590	2021	Simulation and Measurement of Conducted Emissions-Current Probe in Automotive EMC		Isscs 2021 International Symposium on Signals Circuits and Systems			0	0	0	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1591	2021	A New Automatic Conditioning Algorithm for SONAR Images		Isscs 2021 International Symposium on Signals Circuits and Systems			0	0	0	2	0
1592	2021	The causes of occupational accidents and injuries in romanian firms: An application of the johansen cointegration and granger causality test	16617827	International Journal of Environmental Research and Public Health	18	14	0	0	6	7	9
1593	2021	Factors influencing the antibacterial activity of chitosan and chitosan modified by functionalization	16616596	International Journal of Molecular Sciences	22	14	0	2	35	71	150
1594	2021	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	81	7	0	11	27	79	81
1595	2021	STRUCTURAL INVESTIGATIONS ON THE PROGRESSIVE COLLAPSE OF A STEEL-TIMBER INTERMEDIATE ROOFING	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	22	3	0	0	0	0	0
1596	2021	Learning with open cultural data - Jecza Museum for DigiCulture study case		Proceedings IEEE 21st International Conference on Advanced Learning Technologies IcaIt 2021			0	0	0	2	0
1597	2021	Adapting project-based learning through virtual mobilities in pandemic times - TalkTech project revisited		Proceedings IEEE 21st International Conference on Advanced Learning Technologies IcaIt 2021			0	0	0	1	1
1598	2021	Measurement of the relative $B_c \bar{A}^\pm / B \bar{A}^\pm$ production cross section with the ATLAS detector at $\sqrt{s}=8$ TeV MEASUREMENT of the RELATIVE $B_c \bar{A}^\pm / B \bar{A}^\pm$... AABOUD M. et al.	24700010	Physical Review D	104	1	0	3	2	2	4
1599	2021	The ATLAS fast TracKer system	17480221	Journal of Instrumentation	16	7	0	0	0	3	0
1600	2021	Determination of the parton distribution functions of the proton from ATLAS measurements of differential $W \bar{A}^\pm$ and Z boson production in association with jets	10298479	Journal of High Energy Physics	2021	7	0	2	5	4	3
1601	2021	Building for local resilience and the latent nexus between vulnerability and sustainability in metropolitan regions	15829596	Environmental Engineering and Management Journal	20	7	0	0	0	2	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1602	2021	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2021	7	0	1	7	8	11
1603	2021	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	7	0	1	5	3	2
1604	2021	Search for charged-lepton-flavour violation in Z-boson decays with the ATLAS detector	17452473	Nature Physics	17	7	0	5	3	3	6
1605	2021	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2021	7	0	4	6	12	6
1606	2021	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s}=13$ with the ATLAS detector	14346044	European Physical Journal C	81	7	0	0	12	18	8
1607	2021	Seismic vulnerability assessment and simplified empirical formulation for predicting the vibration periods of structural units in aggregate configuration	20763263	Geosciences Switzerland	11	7	0	2	6	8	2
1608	2021	Two-particle azimuthal correlations in photonuclear ultraperipheral Pb+Pb collisions at 5.02 TeV with ATLAS	24699985	Physical Review C	104	1	0	2	6	6	22
1609	2021	Testing of chemically activated cellulose fibers as adsorbents for treatment of arsenic contaminated water	19961944	Materials	14	13	0	0	4	12	16
1610	2021	Considerations about parameters estimation into a minimum variance control system	20763417	Applied Sciences Switzerland	11	13	0	0	0	1	0
1611	2021	A study of yielding and plasticity of rapid prototyped abs	22277390	Mathematics	9	13	0	0	2	0	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1612	2021	Influence of different warm mix additives on characteristics of warm mix asphalt	19961944	Materials	14	13	0	1	1	7	5
1613	2021	Optimization of AUTOSAR communication stack in the context of advanced driver assistance systems	14248220	Sensors	21	13	0	0	1	0	0
1614	2021	Low-cost, low-profile wide-band radar cross section reduction using dual-concentric phase gradient modulated surface	20799292	Electronics Switzerland	10	13	0	1	1	1	0
1615	2021	Serious gaming and AI supporting treatment in rheumatoid arthritis		Public Health and Informatics Proceedings of Mie 2021			0	1	3	0	1
1616	2021	Air quality assessment system based on self-driven drone and LoRaWAN network	1403664	Computer Communications	175		0	1	5	12	6
1617	2021	Fast procedures for accurate parameter estimation of sine-waves affected by noise and harmonic distortion	10512004	Digital Signal Processing A Review Journal	114		0	5	7	8	9
1618	2021	Grafting on metal oxide surface of phenyl phosphinic acid by using solid-state process	1735207X	Journal of the Iranian Chemical Society	18	7	0	0	0	0	1
1619	2021	Soil fertility decline under climate change		Sustainable Soil and Land Management and Climate Change			0	0	1	0	3
1620	2021	Learning to extrapolate an optimal tracking control behavior towards new tracking tasks in a hierarchical primitive-based framework		2021 29th Mediterranean Conference on Control and Automation MED 2021			0	1	4	0	1
1621	2021	Tensor Product-Based Model Transformation Technique Applied to Servo Systems Modeling		IEEE International Symposium on Industrial Electronics	2021-June		0	1	2	0	0
1622	2021	MATLAB Simulation Analysis of Harmonic Impedance in a Distribution Network in Order to optimize Passive Compensation Solutions		Proceedings of 2021 9th International Conference on Modern Power Systems Mps 2021			0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1623	2021	Influence of the elbow shape on the unsteady pressure field in decelerated swirling flows	17551307	Iop Conference Series Earth and Environmental Science	774	1	0	0	0	0	0
1624	2021	Fuel price co-movements among France, Germany and Italy: A time-frequency investigation	3605442	Energy	225		0	0	3	2	5
1625	2021	Software Validation for Automatic Heart Decellularization		2021 16th International Conference on Engineering of Modern Electric Systems Emes 2021 Proceedings			0	0	1	2	0
1626	2021	Small-signal Model for PWM Converters using Extended Describing Function Approach		2021 16th International Conference on Engineering of Modern Electric Systems Emes 2021 Proceedings			0	0	1	0	0
1627	2021	Innovative biotechnology for generation of cardiac tissue	20763417	Applied Sciences Switzerland	11	12	0	0	2	3	0
1628	2021	CFD simulation of solid suspension for a liquid-solid industrial stirred reactor	20763417	Applied Sciences Switzerland	11	12	0	0	4	3	2
1629	2021	Influence of the printing angle and load direction on flexure strength in 3d printed materials for provisional dental restorations	19961944	Materials	14	12	0	0	4	13	15
1630	2021	Integrable deformations and dynamical properties of systems with constant population	22277390	Mathematics	9	12	0	0	1	0	0
1631	2021	A solution procedure combining analytical and numerical approaches to investigate a two-degree-of-freedom vibro-impact oscillator	22277390	Mathematics	9	12	0	1	5	2	2
1632	2021	Improving the homogenization of the liquid-solid mixture using a tandem of impellers in a baffled industrial reactor	20763417	Applied Sciences Switzerland	11	12	0	1	0	0	1
1633	2021	Comparison of niobium-based self-fluxing remelted coatings for wear and corrosion applications	19961944	Materials	14	12	0	2	3	6	6
1634	2021	Dynamic spectrum sharing for future lte-nr networks	14248220	Sensors	21	12	0	1	3	2	6

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1635	2021	A sustainable solution to obtain p-k-mn glass fertilizers from cheap and readily available wastes	16617827	International Journal of Environmental Research and Public Health	18	12	0	0	0	2	0
1636	2021	Deep neural architectures for contrast enhanced ultrasound (Ceus) focal liver lesions automated diagnosis	14248220	Sensors	21	12	0	0	11	14	10
1637	2021	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\tilde{l}_\mu$ -lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	6	0	7	17	18	11
1638	2021	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV	10298479	Journal of High Energy Physics	2021	6	0	5	19	17	9
1639	2021	Seismic Vulnerability Assessment and Strengthening Interventions of Structural Units of a Typical Clustered Masonry Building in the Campania Region of Italy	2624795X	Geohazards	2	2	0	2	0	5	2
1640	2021	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	81	6	0	1	14	12	13
1641	2021	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	6	0	11	22	20	23
1642	2021	5-((8-hydroxyquinolin-5-yl)diazanyl)-3-methyl-1h-pyrazole-4-carboxylic acid	14228599	Molbank	2021	2	0	0	0	1	0
1643	2021	Search for trilepton resonances from chargino and neutralino pair production in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	24700010	Physical Review D	103	11	0	1	2	5	3

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1644	2021	Measurements of $W + W^* + \text{jet}$ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	6	0	3	6	9	3
1645	2021	Search for new phenomena in events with an energetic jet and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	24700010	Physical Review D	103	11	0	12	44	32	52
1646	2021	IoT security risk management strategy reference model (Iotsrm2)	19995903	Future Internet	13	6	0	1	4	2	6
1647	2021	Stability analysis of systems with fuzzy PI controllers applied to electric drives	22277390	Mathematics	9	11	0	2	3	0	2
1648	2021	Mining industry impact on environmental sustainability, economic growth, social interaction, and public health: An application of semi-quantitative mathematical approach	22279717	Processes	9	6	0	11	25	19	24
1649	2021	Mathematical model to simulate the transfer of heavy metals from soil to plant	20711050	Sustainability Switzerland	13	11	0	0	3	1	3
1650	2021	An empirical model for predicting biodegradation profiles of glycopolymers	20734360	Polymers	13	11	0	0	2	3	1
1651	2021	Graphene oxide electroreduced onto boron-doped diamond and electrodeposited with silver (Ag/GO/BDD) electrode for tetracycline detection in aqueous solution	20794991	Nanomaterials	11	6	0	2	8	1	2
1652	2021	CFD assessment of the hydrodynamic performance of two impellers for a baffled stirred reactor	20763417	Applied Sciences Switzerland	11	11	0	3	3	1	1
1653	2021	Advances in low-density flexible polyurethane foams by optimized incorporation of high amount of recycled polyol	20734360	Polymers	13	11	0	1	5	5	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1654	2021	Romanian students' appraisal of the emergency remote assessment due to the COVID-19 pandemic	20711050	Sustainability Switzerland	13	11	0	4	1	4	0
1655	2021	Ethical climate as social norm: Impact on judgements and behavioral intentions in the workplace	16617827	International Journal of Environmental Research and Public Health	18	11	0	0	3	0	1
1656	2021	Affordable magnetic hydrogels prepared from biocompatible and biodegradable sources	20734360	Polymers	13	11	0	1	5	3	7
1657	2021	An iot-based smart home automation system	14248220	Sensors	21	11	0	9	36	47	82
1658	2021	End-to-end computer vision framework: An open-source platform for research and education	14248220	Sensors	21	11	0	7	4	3	6
1659	2021	Dynamics of SEIR epidemic model by optimal auxiliary functions method	9600779	Chaos Solitons and Fractals	147		0	1	8	7	1
1660	2021	On a Deformed Version of the Two-Disk Dynamo System	8627940	Applications of Mathematics	66	3	0	1	2	1	1
1661	2021	Heuristic and metaheuristic techniques based distribution network reconfiguration. Case study: IEEE 33 bus system		2021 International Conference on Applied and Theoretical Electricity Icate 2021 Proceedings			0	1	0	0	1
1662	2021	Aspects regarding of electrical isolation of spark plugs used at spark-ignition engines		2021 International Conference on Applied and Theoretical Electricity Icate 2021 Proceedings			0	0	1	0	1
1663	2021	Full factorial design for gold recovery from industrial solutions	23056304	Toxics	9	5	0	3	3	3	1
1664	2021	Soft-Clipping Swish: A Novel Activation Function for Deep Learning		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	3	4	1
1665	2021	A Platform to Manage the End-to-End Lifecycle of Batch-Prediction Machine Learning Models		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1666	2021	Mechanical Impulse Technique Used to determine the Elastique Characteristics of Welded Steel Bars of Concrete Reinforcements Compared with those Obtained by Analytical, Numerical and Experimental Methods		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0
1667	2021	Modified Distance Metric That Generates Better Performance for the Authentication Algorithm Based on Free-Text Keystroke Dynamics		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	4	1	0
1668	2021	Accelerating Data Ingress for Range-Scan Optimized HBase Instances		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1
1669	2021	Middle School Arithmetic Auto-Generative Learning Objects to Support Learning in the COVID-19 Pandemic		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0
1670	2021	Developing Novel Activation Functions in Time Series Anomaly Detection with LSTM Autoencoder		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	2	2	2
1671	2021	Study on fingerprint authentication systems using convolutional neural networks		Saci 2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	1
1672	2021	Unbiased Sine-wave Frequency Estimation by Parabolic Interpolation of DTFT Samples	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference	2021-May		0	0	1	0	1
1673	2021	FEA Characterization of Bi-Axial Excitation Machine for Automotive Traction Applications		2021 IEEE International Electric Machines and Drives Conference Iemdc 2021			0	1	1	4	2
1674	2021	Holistic energy efficient design approach to sustainable building using monitored energy management system	17551307	Iop Conference Series Earth and Environmental Science	664	1	0	1	1	0	0
1675	2021	Environmental impact of bituminous mixtures produced with reclaimed asphalt pavement and rejuvenator	17551307	Iop Conference Series Earth and Environmental Science	664	1	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
1676	2021	Behaviour of wedge foundations under axial compression	17551307	Iop Conference Series Earth and Environmental Science	664	1	0	1	1	1	0
1677	2021	Observation of photon-induced $W+W\gamma$ production in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	816		0	7	6	6	7
1678	2021	The Effect of COVID-19 Pandemic on Service Sector Sustainability and Growth	16641078	Frontiers in Psychology	12		0	4	23	19	23
1679	2021	Gnss localization in constraint environment by image fusing techniques	20724292	Remote Sensing	13	10	0	1	0	0	0
1680	2021	Visibility enhancement and fog detection: Solutions presented in recent scientific papers with potential for application to mobile systems	14248220	Sensors	21	10	0	1	2	8	11
1681	2021	Influence of historic roof structures on the seismic behaviour of masonry structures	9650911	Proceedings of the Institution of Civil Engineers Structures and Buildings	174	5	0	2	1	1	2
1682	2021	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2021	5	0	7	8	10	9
1683	2021	Erratum to: Search for the $HH \rightarrow b\bar{b} \rightarrow b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector (Journal of High Energy Physics, (2020), 2020, 7, (108), 10.1007/JHEP07(2020)108)	10298479	Journal of High Energy Physics	2021	5	0	0	2	2	4
1684	2021	3d bioprinting of model tissues that mimic the tumor microenvironment	2072666X	Micromachines	12	5	0	1	4	4	3
1685	2021	Global energy production computation of a solar-powered smart home automation system using reliability-oriented metrics	19961073	Energies	14	9	0	1	2	0	4
1686	2021	The impact of the COVID-19 pandemic on electricity consumption and economic growth in Romania	19961073	Energies	14	9	0	6	18	10	8

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1687	2021	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\bar{t}t, \bar{t}b, \bar{t}W$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	81	5	0	9	9	16	9
1688	2021	Comparative study of the influence of bio-resin color on the dimension, flatness and straightness of the part in the 3d printing process	20734360	Polymers	13	9	0	0	2	2	0
1689	2021	Risk factors associated with retinopathy of prematurity in very and extremely preterm infants	1010660X	Medicina Lithuania	57	5	0	0	5	3	11
1690	2021	Models for administration to ensure the successful transition to distance learning during the pandemic	20711050	Sustainability Switzerland	13	9	0	1	5	3	2
1691	2021	Tensor product-based model transformation approach to tower crane systems modeling	15618625	Asian Journal of Control	23	3	0	13	27	27	16
1692	2021	Tensor product-based model transformation approach to cart position modeling and control in pendulum-cart systems	15618625	Asian Journal of Control	23	3	0	1	3	3	3
1693	2021	Reactive collisions between electrons and BeT+: Complete set of thermal rate coefficients up to 5000 K	0092640X	Atomic Data and Nuclear Data Tables	139		0	1	2	3	4
1694	2021	Accentuating the interconnection between business sustainability and organizational performance in the context of the circular economy: The moderating role of organizational competitiveness	9644733	Business Strategy and the Environment	30	4	0	2	8	11	15
1695	2021	Use of highly stable phosphonate coordination polymers as adsorbents for wastewater	2682605	Applied Organometallic Chemistry	35	5	0	0	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1696	2021	Experiment-Based Approach to Teach Optimization Techniques	189359	IEEE Transactions on Education	64	2	0	9	17	9	26
1697	2021	One-pot synthesis, characterization and in vitro antibacterial evaluation of bioactive α -aminophosphinic acid groups grafted onto polymeric-support	1700839	Polymer Bulletin	78	5	0	0	0	0	1
1698	2021	A Novel Quadratic Step-Up DC-DC Converter		Proceedings 2021 IEEE 19th International Power Electronics and Motion Control Conference Pemc 2021			0	0	0	1	0
1699	2021	A Novel Single Switch Step down Converter		Proceedings 2021 IEEE 19th International Power Electronics and Motion Control Conference Pemc 2021			0	0	0	0	2
1700	2021	Control Strategy for DC/DC Converter in Drive Train of Fuel Cell Vehicles		Proceedings 2021 IEEE 19th International Power Electronics and Motion Control Conference Pemc 2021			0	0	1	0	0
1701	2021	A New High Performance Step-Down Quadratic Converter		Proceedings 2021 IEEE 19th International Power Electronics and Motion Control Conference Pemc 2021			0	1	0	0	2
1702	2021	Co-creating with TalkTech: Developing attributes through international digital collaborative projects	21659559	IEEE Global Engineering Education Conference Educon	2021-April		0	0	0	1	1
1703	2021	DigiCulture - Courses for enhancing digital competences	21659559	IEEE Global Engineering Education Conference Educon	2021-April		0	0	1	0	1
1704	2021	Superparamagnetic polyvinylpyrrolidone/chitosan/Fe ₃ O ₄ electrospun nanofibers as effective U(VI) adsorbents	218995	Journal of Applied Polymer Science	138	15	0	0	8	4	5
1705	2021	One-pot biocatalytic conversion of lactose to gluconic acid and galacto-oligosaccharides using immobilized β -galactosidase and glucose oxidase	9205861	Catalysis Today	366		0	2	7	9	4
1706	2021	Biocatalytic synthesis of poly(ϵ -caprolactone-co-(12-hydroxystearate)) copolymer for sorafenib nanoformulation useful in drug delivery	9205861	Catalysis Today	366		0	1	1	2	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1707	2021	Reducing energy consumption and increasing the performances of ac motor drives using fuzzy pi speed controllers	19961073	Energies	14	8	0	2	4	0	1
1708	2021	E-learning vs. Face-to-face learning: Analyzing students' preferences and behaviors	20711050	Sustainability Switzerland	13	8	0	18	50	55	59
1709	2021	What happens in the city when long-term urban expansion and (un)sustainable fringe development occur: The case study of rome	22209964	ISPRS International Journal of Geo Information	10	4	0	0	7	3	23
1710	2021	Improving the solar reliability factor of a dual-axis solar tracking system using energy-efficient testing solutions	19961073	Energies	14	7	0	2	0	1	4
1711	2021	DESIGN AND TESTING A MAGNETO-RHEOLOGICAL BRAKE WITH CYLINDRICAL CONFIGURATION	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	22	2	0	1	1	0	0
1712	2021	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	4	0	8	6	12	8
1713	2021	Achievements and trends in biocatalytic synthesis of specialty polymers from biomass-derived monomers using lipases	22279717	Processes	9	4	0	3	2	4	5
1714	2021	Erratum: Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector (Journal of High Energy Physics, (2020), 2020, 11, (5), 10.1007/JHEP11(2020)005)	10298479	Journal of High Energy Physics	2021	4	0	0	2	5	2
1715	2021	Measurement of the CP-violating phase $\arg(\lambda)$ in $B_s^0 \rightarrow J/\psi \ell^+ \ell^-$ decays in ATLAS at $\sqrt{s} = 13$ TeV	14346044	European Physical Journal C	81	4	0	6	7	11	13

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1716	2021	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	4	0	13	4	15	11	
1717	2021	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton–proton collisions	14346044	European Physical Journal C	81	4	0	1	5	16	10	
1718	2021	Search for heavy resonances decaying into a pair of Z bosons in the $\hat{s}, \hat{t}, \hat{b}, \hat{c}, \hat{u}, \hat{d}, \hat{s}$ and $\hat{s}, \hat{t}, \hat{b}, \hat{c}, \hat{u}, \hat{d}, \hat{s}$ final states using 139 fb ⁻¹ of proton–proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	81	4	0	12	25	27	21	
1719	2021	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton–proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	14346044	European Physical Journal C	81	4	0	11	12	16	6	
1720	2021	Complete automation of an energy consumption reduction strategy from a water treatment and distribution facility, inside an industrial internet of things–compliant proactive historian application	14248220	Sensors	21	7	0	0	3	2	2	
1721	2021	Nonlinearities and chaos: A new analysis of CEE stock markets	22277390	Mathematics	9	7	0	1	4	7	3	
1722	2021	Development of adsorbent materials based on functionalized copolymers with future applications as antibacterial agent in life quality and environmental field	13815148	Reactive and Functional Polymers	161		0	0	2	0	1	
1723	2021	Experimental and numerical investigations on built-up cold-formed steel beams using resistance spot welding	2638231	Thin Walled Structures	161		0	5	0	12	13	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1724	2021	An effective analytical approach to nonlinear free vibration of elastically actuated microtubes	256455	Meccanica	56	4	0	2	5	4	7
1725	2021	Search for Dark Matter Produced in Association with a Dark Higgs Boson Decaying into $W\pm Wa$ or ZZ in Fully Hadronic Final States from $\sqrt{s}=13$ TeV pp Collisions Recorded with the ATLAS Detector	319007	Physical Review Letters	126	12	0	3	1	4	2
1726	2021	DC-DC Buck Converter Based on Arduino Uno Sliding Mode Controller		12th International Symposium on Advanced Topics in Electrical Engineering Atee 2021			0	1	0	1	0
1727	2021	An Analysis of the High Voltage Sources Used for Small Cylindrical Type Electrostatic Precipitators		12th International Symposium on Advanced Topics in Electrical Engineering Atee 2021			0	0	0	0	0
1728	2021	Experimental investigation of hydrogen insertion in copper oxide on photovoltaic performance of p-type dye-sensitized solar cell	0363907X	International Journal of Energy Research	45	4	0	1	6	5	2
1729	2021	Longitudinal Flow Decorrelations in Xe+Xe Collisions at $\sqrt{s_{NN}}=5.44$ TeV with the ATLAS Detector	319007	Physical Review Letters	126	12	0	2	9	8	8
1730	2021	Risperidone/randomly methylated β -cyclodextrin inclusion complex compatibility study with pharmaceutical excipients	14203049	Molecules	26	6	0	0	4	2	7
1731	2021	Production of activated carbon from cocoa pods: Investigating benefits and environmental impacts through analytical chemistry techniques and life cycle assessment	9596526	Journal of Cleaner Production	288		0	3	15	7	11
1732	2021	Assessing the Importance of Psychosocial Factors Associated With Sustainable Organizational Development During COVID-19	16641078	Frontiers in Psychology	12		0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
1733	2021	Analysing students' reasons for keeping their webcams on or off during online classes	20711050	Sustainability Switzerland	13	6	0	8	14	19	21
1734	2021	Facing covid-19 challenges: 1st-year students' experience with the romanian hybrid higher educational system	16617827	International Journal of Environmental Research and Public Health	18	6	0	9	21	14	9
1735	2021	A Review on Different Techniques of Mutual Coupling Reduction Between Elements of Any MIMO Antenna. Part 2: Metamaterials and Many More	486604	Radio Science	56	3	0	0	7	10	6
1736	2021	Soft clipping mish - A novel activation function for deep learning		Proceedings 2021 4th International Conference on Information and Computer Technologies Icict 2021			0	0	0	2	0
1737	2021	Analysis of the influence of the insulation parameters of medium voltage electrical networks and of the petersen coil on the single-phase-to-ground fault current	19961073	Energies	14	5	0	4	1	7	2
1738	2021	Influence of the reshaped elbow on the unsteady pressure field in a simplified geometry of the draft tube	19961073	Energies	14	5	0	0	2	2	3
1739	2021	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	3	0	2	5	2	3
1740	2021	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector	10298479	Journal of High Energy Physics	2021	3	0	10	8	16	18
1741	2021	A Review on Different Techniques of Mutual Coupling Reduction Between Elements of Any MIMO Antenna. Part 1: DGSs and Parasitic Structures	486604	Radio Science	56	3	0	0	6	19	16

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1742	2021	Language preferences in romanian communication sciences journals: A web-based analysis	23046775	Publications	9	1	0	0	1	1	1
1743	2021	lpdft-tuned estimation algorithms for pmus: Overview and performance comparison	20763417	Applied Sciences Switzerland	11	5	0	2	3	1	2
1744	2021	A one-parameter family of clear-sky solar irradiance models adapted for different aerosol types	19417012	Journal of Renewable and Sustainable Energy	13	2	0	1	2	0	1
1745	2021	Cubi2o4 synthesis, characterization and application in sensitive amperometric/voltammetric detection of amoxicillin in aqueous solutions	20794991	Nanomaterials	11	3	0	0	3	10	7
1746	2021	Chemical screening of metabolites profile from romanian tuber spp.	22237747	Plants	10	3	0	0	2	2	2
1747	2021	An appraisal of communication practices demonstrated by romanian district public health authorities at the outbreak of the covid-19 pandemic	20711050	Sustainability Switzerland	13	5	0	3	4	1	1
1748	2021	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	14346044	European Physical Journal C	81	3	0	9	10	9	2
1749	2021	On the application of the volume free strain energy density method to blunt V-notches under mixed mode condition	1410296	Engineering Structures	230		0	4	7	5	4
1750	2021	Influence of warm mix additives on the low-temperature behavior of bitumen using the Bending Beam Rheometer (BBR)	9500618	Construction and Building Materials	273		0	3	6	1	6
1751	2021	Volumetric and transport properties of ternary solutions of L-serine and L-valine in aqueous NaCl solutions in the temperature range (293.15–323.15) K	219614	Journal of Chemical Thermodynamics	154		0	2	7	3	4

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1752	2021	Effects of internal service quality on nurses' job satisfaction, commitment and performance: Mediating role of employee well-being	20541058	Nursing Open	8	2	0	4	20	29	29
1753	2021	Hybrid data-driven fuzzy active disturbance rejection control for tower crane systems	9473580	European Journal of Control	58		3	46	89	49	28
1754	2021	A Unified Form of Fuzzy C-Means and K-Means algorithms and its Partitional Implementation	9507051	Knowledge Based Systems	214		0	13	57	44	35
1755	2021	Medium-Induced Modification of Z -Tagged Charged Particle Yields in Pb+Pb Collisions at 5.02 TeV with the ATLAS Detector	319007	Physical Review Letters	126	7	0	2	3	6	4
1756	2021	Fundamental physico-chemical and mechanical analysis of different clay types	17426588	Journal of Physics Conference Series	1781	1	0	0	0	1	0
1757	2021	The importance of recovering precious metals from waste electrical and electronic equipment	17426588	Journal of Physics Conference Series	1781	1	0	0	0	0	2
1758	2021	Power factor measuring device using microcontroller for single-phase consumers	17426588	Journal of Physics Conference Series	1781	1	0	0	0	0	1
1759	2021	Impact of contaminants on engine oil: A review	17426588	Journal of Physics Conference Series	1781	1	0	0	0	2	3
1760	2021	The behavior to cavitation erosion-corrosion of the CuZn39Pb3 brass structures, obtained by in-depth heat treatments	17426588	Journal of Physics Conference Series	1781	1	0	0	0	1	0
1761	2021	Technology of thin metal sheet cutting with fiber laser	17426588	Journal of Physics Conference Series	1781	1	0	0	0	0	1
1762	2021	Possibilities of 3D reconstruction of the vehicle collision scene in the photogrammetric environment Agisoft Metashape 1.6.2	17426588	Journal of Physics Conference Series	1781	1	0	0	1	3	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1763	2021	Physico-mechanical and tribological characteristics of composites used for brake pads	17426588	Journal of Physics Conference Series	1781	1	0	0	0	0	0
1764	2021	Half-hard cast-iron rolls: Statistically research on the manufacturing technology for increase their quality and safety in exploitation	17426588	Journal of Physics Conference Series	1781	1	0	1	0	0	0
1765	2021	Temperature-frequency converter made with astable multivibrator and thermistor	17426588	Journal of Physics Conference Series	1781	1	0	0	0	1	0
1766	2021	The 3D reconstruction of a road accident used the specialized program PC Crash 12.1	17426588	Journal of Physics Conference Series	1781	1	0	0	1	1	0
1767	2021	A method of detecting the feature of cylindrical pin based on machine vision	17426588	Journal of Physics Conference Series	1781	1	0	0	0	2	0
1768	2021	Impact of silicon carbide reinforcement on characteristics of aluminium metal matrix composite	17426588	Journal of Physics Conference Series	1781	1	0	1	2	2	5
1769	2021	Analysis of the Industry 4.0 key elements and technologies implementation in the Festo Didactic educational systems MPS 203 I4.0	17426588	Journal of Physics Conference Series	1781	1	0	0	2	4	6
1770	2021	The behavior to cavitation erosion of CuSn12-C bronze structures, as obtained by in-depth heat treatments	17426588	Journal of Physics Conference Series	1781	1	0	0	0	0	1
1771	2021	Optimize the maintenance activity with computer application	17426588	Journal of Physics Conference Series	1781	1	0	0	1	1	1
1772	2021	Elementary chemical analysis of different clay types	17426588	Journal of Physics Conference Series	1781	1	0	0	0	2	1
1773	2021	The importance of indoor air quality (IAC) monitoring	17426588	Journal of Physics Conference Series	1781	1	0	2	3	4	2
1774	2021	Experimental stand and researches on pantograph-catenary contact force control using chaos theory	17426588	Journal of Physics Conference Series	1781	1	0	0	0	3	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
1775	2021	Biogas production on lab-scale: Utilization of wastewater from Hunedoara treatment plant	17426588	Journal of Physics Conference Series	1781	1	0	0	0	2	0
1776	2021	Processing of ferrous iron and steel waste in the context of the circular economy	17426588	Journal of Physics Conference Series	1781	1	0	1	0	0	0
1777	2021	Force and Boldness: Cumulative Assets of a Successful Crayfish Invader	2296701X	Frontiers in Ecology and Evolution	9		0	3	1	2	4
1778	2021	Fault coverage-aware metrics for evaluating the reliability factor of solar tracking systems	19961073	Energies	14	4	0	3	0	2	2
1779	2021	Virtual state feedback reference tuning and value iteration reinforcement learning for unknown observable systems control	19961073	Energies	14	4	0	8	8	2	3
1780	2021	Evaluation of performance of functionalized amberlite xad7 with dibenzo-18-crown ether-6 for palladium recovery	19961944	Materials	14	4	0	1	4	6	6
1781	2021	Approaching OPC UA publishâ€“subscribe in the context of UDP-based multi-channel communication and image transmission	14248220	Sensors Switzerland	21	4	0	2	5	2	2
1782	2021	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	2	0	6	10	6	13
1783	2021	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector	10298479	Journal of High Energy Physics	2021	2	0	9	24	23	17
1784	2021	Measurements of WH and ZH production in the $H\bar{t}t'$ $b\bar{b}A^-$ decay channel in pp collisions at 13 TeV with the ATLAS detector	14346044	European Physical Journal C	81	2	0	14	23	28	22

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1785	2021	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS	14346044	European Physical Journal C	81	2	0	7	7	12	11
1786	2021	Three-dimensional transesophageal echocardiography as an alternative to multidetector computed tomography in aortic annular diameter measurements for transcatheter aortic valve implantation	20797737	Biology	10	2	0	1	1	1	1
1787	2021	Nondestructive evaluation of aluminium foam panels subjected to impact loading	20763417	Applied Sciences Switzerland	11	3	0	3	3	2	2
1788	2021	Comparison of structure and adsorption properties of mesoporous silica functionalized with aminopropyl groups by the co-condensation and the post grafting methods	19961944	Materials	14	3	0	2	7	11	6
1789	2021	Biocatalytic approach for novel functional oligoesters of ϵ -caprolactone and malic acid	22279717	Processes	9	2	0	1	1	2	0
1790	2021	Toward a new urban cycle? A closer look to sprawl, demographic transitions and the environment in Europe	2073445X	Land	10	2	0	3	7	6	5
1791	2021	Recession, local fertility, and urban sustainability: Results of a quasi-experiment in greece, 1991-2018	20711050	Sustainability Switzerland	13	3	0	0	1	1	13
1792	2021	Sequential abatement of Feii and Crvi water pollution by use of walnut shell-based adsorbents	22279717	Processes	9	2	0	1	1	1	0
1793	2021	A practical experience on the amazon alexa integration in smart offices	14248220	Sensors Switzerland	21	3	0	1	2	6	6
1794	2021	Steady shear viscosity of blends of fresh and RAP binders with rejuvenator: Experimental and estimated results	9500618	Construction and Building Materials	269		0	1	2	2	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1795	2021	About the influence of the colloidal magnetic nanoparticles coating on the specific loss power in magnetic hyperthermia	3048853	Journal of Magnetism and Magnetic Materials	519		1	4	2	0	3	
1796	2021	Novel battery wear leveling method for large-scale reconfigurable battery packs	0363907X	International Journal of Energy Research	45	2	0	1	5	0	1	
1797	2021	Analysis of a class of Kolmogorov systems	14681218	Nonlinear Analysis Real World Applications	57		0	0	2	2	2	
1798	2021	Radial non-potential Dirichlet systems with mean curvature operator in Minkowski space	13851292	Positivity	25	1	0	0	1	0	0	
1799	2021	Digital GoB-based beamforming for 5G communication systems		2020 International Symposium on Antennas and Propagation Isap 2020			0	0	1	0	2	
1800	2021	Development, optimization, and characterization of NiCrBSi-TiB2 flame-sprayed vacuum fused coatings	2578972	Surface and Coatings Technology	406		0	1	9	6	4	
1801	2021	A strategic decision making tool for new product and service design	251747	Management Decision	59	2	0	0	1	3	1	
1802	2021	In Vitro Evaluation of MgB2 Powders as Novel Tools to Fight Fungal Biodeterioration of Heritage Buildings and Objects	22968016	Frontiers in Materials	7		0	4	5	2	2	
1803	2021	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	812		0	40	31	31	26	
1804	2021	Selection of subtractive manufacturing technology versus additive manufacturing technology for rapid prototyping of a polymeric product	255289	Materiale Plastice	57	4	0	1	1	0	3	
1805	2021	Comparative analysis on use of polymer fibres from recycled polyethylene terephthalate into reinforced concrete solutions	255289	Materiale Plastice	57	4	0	0	1	0	0	
1806	2021	Comparative Study on the In-Ladle Treatment Techniques for Nodulizing the Iron–s Graphite	18466168	Tehnicki Glasnik	15	4	0	0	2	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1807	2021	Coexistence of chaotic attractor and unstable limit cycles in a 3D dynamical system	27325121	Open Research Europe	1		0	0	1	0	0		
1808	2021	Solution for consolidation and retrofitting a historical steel bridge	24523216	Procedia Structural Integrity	37	C	0	0	1	0	2		
1809	2021	Mixed modes crack paths in SCB specimens obtained via SLS	24523216	Procedia Structural Integrity	39	C	0	0	1	2	0		
1810	2021	A Method for Automatic Radar Azimuth Calibration using Stationary Targets		Proceedings 2021 IEEE 17th International Conference on Intelligent Computer Communication and Processing Iccp 2021			0	0	1	1	0		
1811	2021	Application of Dielectric Resonator Antenna in Implantable Medical Devices		2021 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting Aps Ursi 2021 Proceedings			0	0	0	0	2		
1812	2021	Patch Antenna Array Design through Bottom-Up and Bayesian Optimizations		2021 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting Aps Ursi 2021 Proceedings			0	0	0	0	2		
1813	2021	Robust fractional-order sliding mode control design for UAVs subjected to atmospheric disturbances		Unmanned Aerial Systems Theoretical Foundation and Applications A Volume in Advances in Nonlinear Dynamics and Chaos Andc			0	0	3	5	3		
1814	2021	Configurable Built-In Self-Test Architecture for Automated Testing of a Dual-Axis Solar Tracker		21st IEEE International Conference on Environment and Electrical Engineering and 2021 5th IEEE Industrial and Commercial Power System Europe Eeeic I and Cps Europe 2021 Proceedings			0	0	0	0	1		
1815	2021	Evolving Fuzzy Models of Shape Memory Alloy Wire Actuators	14538245	Romanian Journal of Information Science and Technology	24	4	0	0	17	29	8		
1816	2021	Conjointly Electromagnetic Simulations for Bended Microstrip Antenna Designs		2021 13th International Conference on Electrical and Electronics Engineering Eleco 2021			0	0	0	0	1		
1817	2021	THE STUDY OF THE RHEOLOGICAL BEHAVIOR AND THE OXIDATION STABILITY OF SOME COSMETIC EMULSIONS	12247154	Studia Universitatis Babes Bolyai Chemia	66	4	0	0	1	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1818	2021	Iterative Feedback Tuning Algorithm for Tower Crane Systems	18770509	Procedia Computer Science	199		0	0	3	24	40
1819	2021	Improvement of K-means Cluster Quality by Post Processing Resulted Clusters	18770509	Procedia Computer Science	199		0	0	6	32	58
1820	2021	A hierarchical primitive-based learning tracking framework for unknown observable systems based on a new state representation		2021 European Control Conference Ecc 2021			0	0	3	0	1
1821	2021	Measurement application for UV-C irradiation intensity evaluation		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	0	1	1
1822	2021	EMC Simulation of a Power Filter in the Automotive Area		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	0	1	0
1823	2021	Solving Automotive Signal Integrity Issues by EMC Simulation		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	1	2	3
1824	2021	The Development of a Head-up Display (HUD) App on the Android Mobile Operating System		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	0	0	1
1825	2021	Linear oscillatory electric motor/generators: An overview		2021 13th International Symposium on Linear Drives for Industry Applications Ldia 2021			0	0	2	1	3
1826	2021	Retrofitting Video Surveillance Systems using Deep Learning Technologies		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	2	1	0
1827	2021	Piezoelectric Energy Harvesting using SSHI Technique		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1828	2021	Proposal of Energy Independent Greenhouse		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	0	0	0		
1829	2021	Three Dimensional Magnetic Equivalent Circuit Analysis of the Modified Homopolar Linear Synchronous Machine		2021 13th International Symposium on Linear Drives for Industry Applications Ldia 2021			0	0	0	2	1		
1830	2021	Effect of Water on the Photovoltaic Performance of TiO2Based Dye-Sensitized Solar Cells Using I-/I31-Redox Couple		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	1	0	0		
1831	2021	Electromagnetic Analysis of a Springless Linear Oscillatory Machine based on Equivalent Magnetic Circuit		2021 13th International Symposium on Linear Drives for Industry Applications Ldia 2021			0	0	1	1	1		
1832	2021	CBIR for urban building using A-KAZE features		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	2	1	1		
1833	2021	Analysis of the Input Filter Parameters for a Power Matrix Converter		2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging Siitme 2021 Conference Proceedings			0	0	0	1	2		
1834	2021	Raspberry Pi based Robot for Drawing Patterns on Ovoid Objects		2021 29th Telecommunications Forum Telfor 2021 Proceedings			0	0	0	2	1		
1835	2021	Analysis of Antimicrobial Resistance and Sensitivity Patterns for E.Coli and S. Aureus using a Mutual Information Score		2021 9th E Health and Bioengineering Conference Ehb 2021			0	0	1	0	0		
1836	2021	Multiple Convolutional Neural Networks for Diabetic Retinopathy Classification		2021 9th E Health and Bioengineering Conference Ehb 2021			0	0	1	0	0		
1837	2021	CXR-based Diagnosis of COVID-19 using Deep Learning with CycleGAN for Data Augmentation		2021 9th E Health and Bioengineering Conference Ehb 2021			0	0	0	0	2		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1838	2021	Improving the Tourists Experiences: Application of Firebase and Flutter Technologies in Mobile Applications Development Process		Proceedings 2021 International Conference Engineering Technologies and Computer Science Ent 2021			0	0	1	1	2
1839	2021	EXPLORING THE ROLE OF CORPORATE SOCIAL RESPONSIBILITY IN CONSUMER PURCHASE INTENTION. A STUDY FROM THE AGRICULTURE SECTOR	20684215	Inmateh Agricultural Engineering	64	2	0	0	1	0	1
1840	2021	Converging Digital Literacy through Virtual Reality	15394565	Proceedings Frontiers in Education Conference Fie	2021-October		0	0	0	2	1
1841	2021	A New Tapped Inductor Quadratic DC-DC Converter		Proceedings of 2021 21st International Symposium on Power Electronics Ee 2021			0	0	1	0	0
1842	2021	A Buck Converter Suitable in Low Step-Down Applications		Proceedings of 2021 21st International Symposium on Power Electronics Ee 2021			0	0	0	0	1
1843	2021	Graph coloring using the reduced quantum genetic algorithm	23765992	Peerj Computer Science	7		0	0	3	2	3
1844	2021	Algorithm for Calculating the B-Spline Coefficients used in Interpolations for Harmonics Assessment in Power Systems Applications		Proceedings of 2021 10th International Conference on Energy and Environment Ciem 2021			0	0	0	0	1
1845	2021	About Establishing the Functional Service Limits for Low Voltage Metal Oxide Varistors		Proceedings of 2021 10th International Conference on Energy and Environment Ciem 2021			0	0	1	0	0
1846	2021	Technical Power Losses in Electrical Distribution Networks with Renewable Energy Sources. Case Study: Galati Zone, Electrica Muntenia Nord		Proceedings of 2021 10th International Conference on Energy and Environment Ciem 2021			0	0	1	2	1
1847	2021	Medical IMAGE-Based Numerical Simulation of the Abdominal Aorta Flow		Proceedings of 2021 10th International Conference on Energy and Environment Ciem 2021			0	0	2	0	1
1848	2021	The Influence of Two Main Dopants on the Electrical Properties of Metal Oxide Varistors		Proceedings of 2021 10th International Conference on Energy and Environment Ciem 2021			0	0	1	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1849	2021	Improvement of Message Processing-based Steganographic Algorithm using Convolutional Neural Networks		2021 25th International Conference on System Theory Control and Computing Icstcc 2021 Proceedings			0	0	0	1	0
1850	2021	Analog-To-Digital Converter Dynamic Testing by Linearized Four-Parameter Sine-Fit Algorithm		6th International Forum on Research and Technology for Society and Industry Rtsi 2021 Proceedings			0	0	0	1	1
1851	2021	GAUGING THE EFFECT OF INVESTOR SENTIMENT ON CRYPTOCURRENCY MARKET: AN ANALYSIS OF BITCOIN CURRENCY	15826163	Romanian Journal of Economic Forecasting	24	4	0	0	1	3	4
1852	2021	ICT Revolution from Traditional Office to Virtual Office: A Study on Teleworking During the COVID-19 Pandemic	12201766	Studies in Informatics and Control	30	4	0	0	3	3	2
1853	2021	Harnessing the ferrous sludge resulting from steel industry in the context of the circular economy	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	83	4	0	0	0	0	1
1854	2021	Empirical and mechanical analysis methods for seismic vulnerability assessment of clustered buildings of historical centres: A case study	26233347	Compdyn Proceedings	2021-June		0	0	0	1	1
1855	2021	GWO-based optimal tuning of type-1 and type-2 fuzzy controllers for electromagnetic actuated clutch systems	24058963	IFAC Papersonline	54	4	0	0	25	23	46
1856	2021	Why does abusive leadership lead to employee silence? The mediating role of perceived insider status and psychological safety	17408938	International Journal of Work Organisation and Emotion	12	3	0	0	1	1	1
1857	2021	The Use of Anglicisms in the Field of Education: A Comparative Analysis of Romanian, German, and French	21582440	Sage Open	11	4	0	0	2	0	2
1858	2021	Cram�r-Rao Lower Bound for Unbiased Estimators of Sampled Noisy Sine-Wave Parameters	189456	IEEE Transactions on Instrumentation and Measurement	70		0	1	1	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
1859	2021	Self-assessing Teachers’s Competences for Curricula Modernization Through MOOCs	18650929	Communications in Computer and Information Science	1486 CCIS		0	0	0	1	0	
1860	2021	An Analysis of ED Line Algorithm in Urban Street-View Dataset	18650929	Communications in Computer and Information Science	1486 CCIS		0	2	0	0	0	
1861	2021	TMBuD: A Dataset for Urban Scene Building Detection	18650929	Communications in Computer and Information Science	1486 CCIS		0	2	2	2	3	
1862	2021	Immunization using a heterogeneous geo-spatial population model: A qualitative perspective on COVID-19 vaccination strategies	18770509	Procedia Computer Science	192		0	0	3	2	2	
1863	2021	Study regarding process of the electrical discharge machining with magnetic activation of the welded joints of some materials high alloy steel	10139826	Key Engineering Materials	890 KEM		0	0	1	0	0	
1864	2021	CAN-SQUARE - Decimeter Level Localization of Electronic Control Units on CAN Buses	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	12972 LNCS		0	0	0	4	2	
1865	2021	Some peculiarities of mig-mag welding processes with concentrated energies	10139826	Key Engineering Materials	890 KEM		0	0	1	1	0	
1866	2021	Accentuating the impacts of political news on the stock price, working capital and performance: An empirical review of emerging economy	15826163	Romanian Journal of Economic Forecasting	24	2	0	2	1	0	3	
1867	2021	Beyond nitrogen in the oxygen reduction reaction on nitrogen-doped carbons: A NEXAFS investigation	20794991	Nanomaterials	11	5	0	1	2	2	2	
1868	2021	CANARY - A reactive defense mechanism for controller area networks based on active relays		Proceedings of the 30th Usenix Security Symposium			0	1	1	6	6	
1869	2021	EVALUATING THE PERFORMANCE OF AUTHENTICATION ALGORITHMS BASED ON KEYSTROKE DYNAMICS USED IN ONLINE EDUCATIONAL PLATFORMS	2066026X	Elearning and Software for Education Conference			0	1	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1870	2021	Fractional kVA Rating PWM Converter Doubly Fed Variable Speed Electric Generator Systems: An Overview in 2020	21693536	IEEE Access	9		0	1	2	7	5
1871	2021	Water Security Safeguarded by Safe, Secure and Smart Water Management Solutions	16135113	Advanced Sciences and Technologies for Security Applications			0	0	1	0	0
1872	2021	Methods and Characteristics of Conventional Water Treatment Technologies	16135113	Advanced Sciences and Technologies for Security Applications			0	0	0	0	2
1873	2021	School sports organizations as learning organizations: Good practice examples in two management issues	1672533	Human Systems Management	40	4	0	0	0	1	0
1874	2021	How does the national human capital index influence the total factor productivity of the Romanian RD firms?	1672533	Human Systems Management	40	4	0	0	0	0	0
1875	2021	Tailoring training programs for sustainability management based on the training needs assessment	1672533	Human Systems Management	40	4	0	1	1	1	4
1876	2021	Material thickness influence on fracture load of polymer infiltrated ceramic network CAD/CAM restorations	255289	Materiale Plastice	58	2	0	0	3	1	0
1877	2021	Oil-US Stock Market Nexus: Some insights about the New Coronavirus Crisis	15452921	Economics Bulletin	41	2	0	0	4	2	0
1878	2021	Biocompatible magnetic colloidal suspension used as a tool for localized hyperthermia in human breast adenocarcinoma cells: Physicochemical analysis and complex in vitro biological profile	20794991	Nanomaterials	11	5	0	1	4	6	1
1879	2021	Superior recovery by pelletization of landfilled industry and mining related fine and small size iron containing waste	17858860	Acta Polytechnica Hungarica	18	6	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1880	2021	Identifying the Possibilities for Superior Recovery by Pelletization of Industry Related Small and Powdery Iron Containing Waste	17858860	Acta Polytechnica Hungarica	18	4	0	1	1	0	2
1881	2021	Analyzing neck circumference as an indicator of CPAP treatment response in obstructive sleep apnea with network medicine	20754418	Diagnostics	11	1	0	0	2	1	3
1882	2021	Influence of local site effects on the typological fragility curves for class-oriented masonry buildings in aggregate condition	18741495	Open Civil Engineering Journal	15	Speacialis	0	1	3	4	5
1883	2021	Erratum to: Search for the HH $\hat{+}$ bb $\hat{+}$ process via vector-boson fusion production using proton-proton collisions at s = 13 TeV with the ATLAS detector (Journal of High Energy Physics, (2020), 2020, 7, (108), 10.1007/JHEP07(2020)108)	10298479	Journal of High Energy Physics	2021	1	0	5	7	16	8
1884	2021	Electrochemical detection of tetracycline as emergent pollutant in water using carbon nanofiber-CoAl ₂ O ₄ electrode	15829596	Environmental Engineering and Management Journal	20	3	0	0	0	0	2
1885	2021	Humic acid removal from water by sorption and photocatalysis under vis irradiation using Fe ₂ O ₃ /silica nanocomposite	15829596	Environmental Engineering and Management Journal	20	3	0	0	0	1	1
1886	2021	Hybrid Testing of a Solar Tracking Equipment using In-Circuit Testing and JTAG Debugging Strategies		21st IEEE International Conference on Environment and Electrical Engineering and 2021 5th IEEE Industrial and Commercial Power System Europe Eeeic I and Cps Europe 2021 Proceedings			0	2	0	1	3
1887	2021	Considerations on current and voltage unbalance of nonlinear loads in residential and educational sectors	19961073	Energies	14	1	0	4	5	3	5
1888	2021	Kinematic Simulation of a Geared Planar Parallel Manipulator	22110984	Mechanisms and Machine Science	103		0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1889	2021	“Green Carbon” from algae for automotive applications	255289	Materiale Plastice	58	1	0	0	2	0	0
1890	2021	. Does firm size matters for firm growth? evidence from the romanian health sector	15826163	Romanian Journal of Economic Forecasting	24	1	0	1	1	2	0
1891	2021	Properties and medical applications of biocompatible polyamide in additive manufacturing	255289	Materiale Plastice	58	1	0	0	1	1	1
1892	2021	Slime mould algorithm-based tuning of cost-effective fuzzy controllers for servo systems	18756891	International Journal of Computational Intelligence Systems	14	1	0	18	27	46	22
1893	2021	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector	10298479	Journal of High Energy Physics	2021	1	0	4	7	7	9
1894	2021	Research regarding the capitalization of the waste resulted from the steel industry	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	83	1	0	1	0	1	0
1895	2021	Student perception of the social value of responsible management	20754698	Societies	11	1	0	1	1	1	1
1896	2021	Experimental research on a semi-industrial pilot scale for obtaining carbofer pellets in rotary tubular furnace	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	83	1	0	0	0	0	2
1897	2021	Behaviour of binder blends: experimental results and modelling from LVE properties of pure binder, RAP binder and rejuvenator	14680629	Road Materials and Pavement Design	22	S1	0	0	2	4	1
1898	2021	Influence of damping constant on models of magnetic hyperthermia	5874246	Acta Physica Polonica A	139	1	0	0	0	1	1
1899	2021	Life Cycle Assessment, an Integrated Vision to Energy Efficiency in the Building Industry	2366259X	Springer Tracts in Civil Engineering			0	1	2	0	0
1900	2021	Life Cycle Cost Analysis of Energy Efficient Buildings: Theory and Study Case	2366259X	Springer Tracts in Civil Engineering			0	0	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1901	2021	Single-Layered Frequency Selective Surface for Polarization Processing by Transmission through Elementary Simple Structure Unit Cell Array	21693536	IEEE Access	9		0	1	0	2	1
1902	2021	Histogram Ordering	21693536	IEEE Access	9		0	1	0	3	1
1903	2021	Data-Driven Model-Free Sliding Mode and Fuzzy Control with Experimental Validation	18419836	International Journal of Computers Communications and Control	16	1	0	2	8	8	4
1904	2021	Sensitivity to Frequency Uncertainty of the Estimators Provided by the Two-Parameter Sine-Fit Algorithm	189456	IEEE Transactions on Instrumentation and Measurement	70		0	0	0	2	1
1905	2021	Thermal Design Optimization of the Printed Circuit Board through Area Reduction	1457632	Heat Transfer Engineering	43	03-May	0	0	0	1	1
1906	2021	Measurement of hadronic event shapes in high-p T multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2021	1	0	3	2	8	5
1907	2021	Erratum to: Higgs boson production cross-section measurements and their EFT interpretation in the 4ℓ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector (The European Physical Journal C, (2020), 80, 10, (957), 10.1140/epjc/s10052-020-8227-9)	14346044	European Physical Journal C	81	1	0	1	3	4	2
1908	2021	CANTO - Covert Authentication With Timing Channels Over Optimized Traffic Flows for CAN	15566013	IEEE Transactions on Information Forensics and Security	16		0	1	2	4	4
1909	2021	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC	14346044	European Physical Journal C	81	1	0	2	3	3	3
1910	2021	Formulation and characterization of alginate-based membranes for the potential transdermal delivery of methotrexate	20734360	Polymers	13	1	0	1	11	16	9

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
1911	2021	Analyzing the Impact of Geo-Spatial Organization of Real-World Communities on Epidemic Spreading Dynamics	1860949X	Studies in Computational Intelligence	943		0	3	1	0	1		
1912	2021	Numerical Investigation of an Idealized Overlapping Coronary Stents Configuration	9308989	Springer Proceedings in Physics	251		0	0	1	0	0		
1913	2021	Optimal Auxiliary Functions Method for Nonlinear Vibration of Doubly Clamped Nanobeam Incorporating the Casimir Force	9308989	Springer Proceedings in Physics	251		0	1	0	0	1		
1914	2021	Parameter Optimization for Biocompatible Polyamide Used in Selective Laser Sintering (SLS)	9308989	Springer Proceedings in Physics	251		0	1	0	0	0		
1915	2021	An Approximate Analytical Solution of Transversal Oscillations with Quintic Nonlinearities	9308989	Springer Proceedings in Physics	251		0	1	0	0	0		
1916	2021	Hybrids containing zirconium and phosphorus compounds obtained by sol-gel method	0303402X	Colloid and Polymer Science	299	1	0	0	1	0	0		
1917	2021	The Analysis of the Dynamic Behavior of a Tire Pressure Sensor	22110984	Mechanisms and Machine Science	88		0	0	0	1	0		
1918	2021	Interference Fits. Bearing Capacity Under Complex Loading – FEM Analysis	22110984	Mechanisms and Machine Science	88		0	0	1	0	2		
1919	2021	Kinematics of the Planar Parallel Manipulator Using Geared Slider-Crank with Linear Actuation as Legs 3-R(PRRGR)RR	22110984	Mechanisms and Machine Science	88		0	0	1	0	0		
1920	2021	Tolerance Analysis of an Over-Constrained Assembly with Press-Fit Solderless Electric Contact Pins	22110984	Mechanisms and Machine Science	88		0	0	0	0	2		
1921	2021	Fusion Sensors Experiment for Active Cruise Control	22110984	Mechanisms and Machine Science	88		0	0	0	2	0		
1922	2021	Study on High Productivity Manufacturing Line for Deo Roll Balls	22110984	Mechanisms and Machine Science	88		0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1923	2021	Robot Soldering Positions Correction with Cognex Vision Camera	22110984	Mechanisms and Machine Science	88		0	0	1	1	1
1924	2021	Assessing the interrelationship corporate environmental responsibility, innovative strategies, cognitive and hierarchical CEO: A stakeholder theory perspective	15353958	Corporate Social Responsibility and Environmental Management	28	1	0	10	18	6	14
1925	2021	Laser-based additively manufactured polymers: a review on processes and mechanical models	222461	Journal of Materials Science	56	2	0	13	24	26	28
1926	2021	A survey of cybersecurity risk management frameworks	21945357	Advances in Intelligent Systems and Computing	1221 AISC		0	3	1	0	5
1927	2021	Remote wind energy conversion system	21945357	Advances in Intelligent Systems and Computing	1221 AISC		0	0	0	0	1
1928	2021	Analysis of interrelationship for lean and sustainability principles and implications	21945357	Advances in Intelligent Systems and Computing	1221 AISC		0	2	1	0	0
1929	2021	Daily load curve forecasting. comparative analysis: Conventional vs. unconventional methods	21945357	Advances in Intelligent Systems and Computing	1221 AISC		0	0	0	1	0
1930	2021	COVID-19 and the United States financial markets’s volatility	15446123	Finance Research Letters	38		3	80	113	101	65
1931	2021	Improving the recovery of copper from electric cable waste derived from automotive industry by corona-electrostatic separation	2726351	Particulate Science and Technology	39	4	0	0	5	8	4
1932	2021	Numerical and experimental investigations on the mechanical properties of cellular structures with open Kelvin cells	15376494	Mechanics of Advanced Materials and Structures	28	13	1	1	2	1	4
1933	2021	Damage scenario-based approach and retrofitting strategies for seismic risk mitigation: an application to the historical Centre of Sant’Antimo (Italy)	19648189	European Journal of Environmental and Civil Engineering	25	11	6	6	8	7	13
1934	2021	LiRo: Benchmark and leaderboard for Romanian language tasks	10495258	Advances in Neural Information Processing Systems			0	2	6	3	11

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
1935	2020	Analysis of Degenerate Chenciner Bifurcation	2181274	International Journal of Bifurcation and Chaos	30	16	0	1	3	0	0
1936	2020	Coverage and rate analysis for 5gheterogeneous network: $\hat{\Gamma}^2$ -ginibre point process	17518628	Iet Communications	14	22	0	0	1	0	0
1937	2020	Intelligent speed control system for electric vehicle	17578981	Iop Conference Series Materials Science and Engineering	997	1	0	2	3	3	1
1938	2020	Observation and Measurement of Forward Proton Scattering in Association with Lepton Pairs Produced via the Photon Fusion Mechanism at ATLAS	319007	Physical Review Letters	125	26	0	10	7	14	15
1939	2020	The cup plant (Silphium perfoliatum L.) " a viable solution for bioremediating soils polluted with heavy metals	0255965X	Notulae Botanicae Horti Agrobotanici Cluj Napoca	48	4	0	0	4	2	1
1940	2020	Search for Heavy Resonances Decaying into a Photon and a Hadronically Decaying Higgs Boson in pp Collisions at s =13 TeV with the ATLAS Detector	319007	Physical Review Letters	125	25	0	1	3	1	1
1941	2020	Search for resonances decaying into a weak vector boson and a Higgs boson in the fully hadronic final state produced in proton-proton collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	102	11	0	8	8	4	3
1942	2020	The technologies optimization for the treatment of underground water with iron and arsenic content " A case study	17578981	Iop Conference Series Materials Science and Engineering	960	2	0	0	0	0	1
1943	2020	Thermal performance and energy efficiency of lightweight steel buildings: A case-study	17578981	Iop Conference Series Materials Science and Engineering	960	3	0	1	2	2	2
1944	2020	The poetics of access apparatuses in contemporary lyric exhibition spaces	17578981	Iop Conference Series Materials Science and Engineering	960	4	0	0	0	0	1
1945	2020	Electromagnetic Bottom-Up Optimization for Automated Antenna Designs		Asia Pacific Microwave Conference Proceedings APMC	2020-December		0	2	1	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1946	2020	Modeling dynamic patterns from COVID-19 data using randomized dynamic mode decomposition in predictive mode and ARIMA	0094243X	Aip Conference Proceedings	2302		0	1	2	2	0
1947	2020	Batch and fixed-bed column studies on palladium recovery from acidic solution by modified mgsio3	16617827	International Journal of Environmental Research and Public Health	17	24	0	2	3	4	4
1948	2020	Availability improvements through data slicing in PLC smart grid networks	14248220	Sensors Switzerland	20	24	0	2	1	2	0
1949	2020	Fault detection based on parity equations in multiple lane road car-following models using bayesian lane change estimation	22242708	Journal of Sensor and Actuator Networks	9	4	0	2	2	0	1
1950	2020	Gender phenotyping of patients with obstructive sleep apnea syndrome using a network science approach	20770383	Journal of Clinical Medicine	9	12	0	5	4	3	4
1951	2020	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	80	12	0	7	21	16	19
1952	2020	Open academic book publishing during covid-19 pandemic: A view on romanian university presses	23046775	Publications	8	4	0	0	1	0	1
1953	2020	A new hybrid Āuk DC-DC converter with coupled inductors	20799292	Electronics Switzerland	9	12	0	0	1	1	1
1954	2020	Alignment of the ATLAS Inner Detector in Run 2	14346044	European Physical Journal C	80	12	0	0	7	8	7
1955	2020	Death by SARS-CoV 2: a Romanian COVID-19 multi-centre comorbidity study	20452322	Scientific Reports	10	1	0	22	19	3	4
1956	2020	Chemoenzymatic synthesis of new aromatic esters of mono-and oligosaccharides	22279717	Processes	8	12	0	2	3	5	6
1957	2020	Encapsulation of risperidone by methylated β -cyclodextrins: Physicochemical and molecular modeling studies	14203049	Molecules	25	23	0	3	3	4	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1958	2020	Making room for volunteer participation in managing public affairs: A russian experience	20711050	Sustainability Switzerland	12	24	0	2	1	2	3
1959	2020	Kinetics and thermodynamics studies for cadmium (II) adsorption onto functionalized chitosan with hexa-decyl-trimethyl-ammonium chloride	19961944	Materials	13	23	0	0	0	0	0
1960	2020	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s}=8\text{TeV}$ using the ATLAS detector	14346044	European Physical Journal C	80	12	0	3	5	6	4
1961	2020	Photodegradation of phenolic compounds from water in the presence of a Pd-containing exhausted adsorbent	20763417	Applied Sciences Switzerland	10	23	0	3	1	5	4
1962	2020	Highly sensitive non-enzymatic detection of glucose at MWCNT-CuBTC composite electrode	20763417	Applied Sciences Switzerland	10	23	0	2	4	1	4
1963	2020	Compatibility studies with pharmaceutical excipients for aripiprazole heptakis (2,6-di-O-methyl)- β -cyclodextrin supramolecular adduct	13886150	Journal of Thermal Analysis and Calorimetry	142	5	1	1	0	2	3
1964	2020	Antimicrobial activity of fusidic acid inclusion complexes	12019712	International Journal of Infectious Diseases	101		0	0	4	5	5
1965	2020	Fuzzy bounded operators with application to Radon transform	9600779	Chaos Solitons and Fractals	141		0	2	3	1	1
1966	2020	Syringa vulgaris leaves powder a novel low-cost adsorbent for methylene blue removal: isotherms, kinetics, thermodynamic and optimization by Taguchi method	20452322	Scientific Reports	10	1	0	7	14	17	15
1967	2020	Rapid adulteration detection of cold pressed oils with their refined versions by UV-Vis spectroscopy	20452322	Scientific Reports	10	1	0	1	6	6	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1968	2020	Cost-optimal and indoor environmental quality assessment for residential buildings towards EU long-term climate targets	9730826	Energy for Sustainable Development	59		0	2	9	2	5
1969	2020	A framework for improving electoral forecasting based on time-aware polling	18695450	Social Network Analysis and Mining	10	1	0	1	0	0	1
1970	2020	Bifurcation diagrams in a class of Kolmogorov systems	14681218	Nonlinear Analysis Real World Applications	56		0	2	4	3	2
1971	2020	Challenges in reporting pathogenic/potentially pathogenic variants in 94 cancer predisposing genes - in pediatric patients screened with NGS panels	20452322	Scientific Reports	10	1	0	9	3	4	4
1972	2020	Adsorption of Orange II Onto Zn ₂ Al ₂ (OH) ₈ Layered Double Hydroxide Prepared From Zinc Ash	22962646	Frontiers in Chemistry	8		0	3	3	1	2
1973	2020	Search for Higgs Boson Decays into a Z Boson and a Light Hadronically Decaying Resonance Using 13 TeV pp Collision Data from the ATLAS Detector	319007	Physical Review Letters	125	22	0	6	9	6	4
1974	2020	Generalized very high throughput unrolled LDPC layered decoder		2020 28th Telecommunications Forum Telfor 2020 Proceedings			0	0	1	0	0
1975	2020	Probabilistic earthquake scenarios of a historical area in the town of Amatrice	0094243X	Aip Conference Proceedings	2293		0	0	1	0	0
1976	2020	Some Mathematical Approaches on the Viscous flow Problem on a Continuous Stretching Surface: Nonlinear stability and dual approximate analytic solutions	0094243X	Aip Conference Proceedings	2293		0	0	0	2	1
1977	2020	Durable solutions for precision agriculture in Romania	0094243X	Aip Conference Proceedings	2293		0	0	0	0	0
1978	2020	An introduction to spectral theory in fuzzy normed linear spaces	0094243X	Aip Conference Proceedings	2293		0	0	0	0	1
1979	2020	Optimization of wind turbine operation in variable wind speed conditions		2020 7th International Conference on Energy Efficiency and Agricultural Engineering EE and Ae 2020 Proceedings			0	1	1	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1980	2020	Seismic-resistant slim-floor beam-to-column joints: Experimental and numerical investigations	12299367	Steel and Composite Structures	37	3	0	1	3	2	1
1981	2020	Inflation, uncertainty, and labour market conditions in the US	36846	Applied Economics	52	52	0	0	1	0	0
1982	2020	Studying the Evolution of Static Methods and their Effect on Class Testability		20th IEEE International Symposium on Computational Intelligence and Informatics Cinti 2020 Proceedings			0	0	0	1	0
1983	2020	Deep Learning based Eye Gaze Tracking for Automotive Applications: An Auto-Keras Approach		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	2	2	2	4
1984	2020	A New Multiphase ZVT-PWM Synchronous Buck Converter		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	1	0	1	0
1985	2020	A Generalized Model for Single-Switch Stacked Step-Down Converters		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	0	2
1986	2020	Analyzing parking lots vacancy detection algorithms using Mask R-CNN implementations		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	1	0	4	3
1987	2020	A New Step-Up Watkins-Johnson Type Converter		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	0	0
1988	2020	First Fresnel Ellipse Evaluation		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	1	0	0
1989	2020	Simulation of Automotive MIMO Radar		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	1	0	0
1990	2020	Automation of water meter testing using stepper motors		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	2	0
1991	2020	Comparison of Two Compressive Sensing Algorithms for Automotive Radar		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
1992	2020	Accurate Measurement of the rms of a Sine-wave by Means of Low-Cost rms-to-dc Converters		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	1	0	0
1993	2020	On Using ReSpeaker Mic Array 2.0 for speech processing algorithms		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	1	3	0	1
1994	2020	LTE Band Filtering Applications of a Fractal Based Frequency Selective Surface		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	0	1
1995	2020	Auto-Generative Learning Objects for Learning Linked Lists Concepts		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	2	1	1	2
1996	2020	Cross-Correlation Based Automatic Segmentation of Medial Phonemes		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	1	0	0
1997	2020	A New Quadratic Step-Down Converter		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	1	0
1998	2020	Network Self-Similar Traffic Generator with Variable Hurst Parameter		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	1	1	1
1999	2020	P-Swish: Activation Function with Learnable Parameters Based on Swish Activation Function in Deep Learning		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	3	7	8	19
2000	2020	Spectral Component Analysis of Magnetically Unshielded Magnetocardiograms		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	0	0
2001	2020	Dynamic Spectrum Sharing for LTE-NR Downlink MIMO Systems		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	2	1	1	4
2002	2020	IoT Based Intelligent Building Applications in the Context of COVID-19 Pandemic		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	4	8	4	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2003	2020	A New Buck Converter with Hybrid Switching		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	0	1	
2004	2020	Spectrum Occupancy Measurements in the Wi-Fi Band with a PCB Antenna		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	1	1	2	0	
2005	2020	A New Step-Up Converter with Coupled Inductor		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	3	1	1	
2006	2020	Communication and Verification for Radar Sensors in the Context of Driver Assistance Systems		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	1	0	0	0	
2007	2020	EMC Simulation of an Automotive Ethernet Interface		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	4	2	2	4	
2008	2020	TeLU: A New Activation Function for Deep Learning		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	3	1	0	1	
2009	2020	Deep CNN for Contrast-Enhanced Ultrasound Focal Liver Lesions Diagnosis		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	1	5	1	1	
2010	2020	Wavelet Based Adaptive Detection of Automotive Radar Single Target with Low SNR		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	2	1	0	
2011	2020	End-to-End Computer Vision Framework		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	8	2	3	1	
2012	2020	ARM Embedded Low Cost Solution for Implementing Deep Learning Paradigms		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	2	1	1	
2013	2020	Experimental and Analytical Study of the Electric Potential using Lagrange Polynomials		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	0	0	0	3	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2014	2020	Multiple Radar Targets Tracking and Trajectories Fitting		2020 14th International Symposium on Electronics and Telecommunications Isetc 2020 Conference Proceedings			0	1	1	0	0
2015	2020	Industry 4.0 implementation in b2b companies: Cross-country empirical evidence on digital transformation in the cee region	20711050	Sustainability Switzerland	12	22	0	5	6	16	4
2016	2020	Applying the technology acceptance model to assess the intention to use an aftermarket ecall based on 112 device for passenger vehicles to ensure sustainable rescue operations on European roads	20711050	Sustainability Switzerland	12	22	0	1	1	0	2
2017	2020	Reconstruction and identification of boosted di- τ , systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS	10298479	Journal of High Energy Physics	2020	11	0	3	9	6	5
2018	2020	Erratum to: Measurements of top-quark pair differential and double-differential cross-sections in the $\hat{s} + \text{jets}$ channel with pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector [Eur. Phys. J. C 79 (2019) 1028] (The European Physical Journal C, (2019), 79, 12, (1028), 10.1140/epjc/s10052-019-7525-6)	14346044	European Physical Journal C	80	11	0	0	2	2	3
2019	2020	Search for top squarks in events with a Higgs or Z boson using 139 $\hat{A}$ fb - 1 of pp collision data at $\hat{s}$ =13 TeV with the ATLAS detector	14346044	European Physical Journal C	80	11	0	1	2	4	2
2020	2020	Evidence for $t\hat{t}^{-} t\hat{t}^{-}$ production in the multilepton final state in proton $\hat{A}$ proton collisions at $\hat{s}$ =13 TeV with the ATLAS detector	14346044	European Physical Journal C	80	11	0	21	23	26	15
2021	2020	Laser and lidar in a system for visibility distance estimation in fog conditions	14248220	Sensors Switzerland	20	21	0	6	3	7	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2022	2020	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector	10298479	Journal of High Energy Physics	2020	11	0	9	9	5	4	
2023	2020	Is fracture toughness of pur foams a material property? A statistical approach	19961944	Materials	13	21	0	0	4	5	0	
2024	2020	Qualifying peripheries or repolarizing the center? A comparison of gentrification processes in Europe	20711050	Sustainability Switzerland	12	21	0	1	1	1	2	
2025	2020	Design and optimization of Metallic Foam Shell protective device against flying ballast impact damage in railway axles	2641275	Materials and Design	196		1	11	5	3	9	
2026	2020	Fracture toughness of rigid polymeric foams: A review	8756758X	Fatigue and Fracture of Engineering Materials and Structures	43	11	3	4	17	13	12	
2027	2020	Sequential use of ionic liquid functionalized Zn-Al layered double hydroxide as adsorbent and photocatalyst	13835866	Separation and Purification Technology	250		1	8	6	7	4	
2028	2020	Quantile causality between banking stock and real estate securities returns in the US	10629769	Quarterly Review of Economics and Finance	78		0	2	6	2	1	
2029	2020	Predicting Human Acceptor Splice Site Regions using Text Distance Methods		2020 8th E Health and Bioengineering Conference Ehb 2020			0	0	1	0	0	
2030	2020	Benefits of using mobile applications to keep under control, detect, attenuate and monitor covid-19 pandemic		2020 8th E Health and Bioengineering Conference Ehb 2020			0	1	0	0	0	
2031	2020	Artificial neural networks for diagnosis of coronary heart disease		2020 8th E Health and Bioengineering Conference Ehb 2020			0	1	1	1	0	
2032	2020	Minimax strategy for lane choice prediction in markovian traffic modeling		Proceedings 2020 5th International Conference on Logistics Operations Management Gol 2020			0	0	0	0	0	
2033	2020	Measuring Luminance with Digital Photometric Camera in Short Tunnels		EPE 2020 Proceedings of the 2020 11th International Conference and Exposition on Electrical and Power Engineering			0	0	0	1	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2034	2020	Resource Utilization Comparison between Plain FPGA and SoC Combined with FPGA for Image Processing Applications Used by Robotic Arms		2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging Siitme 2020 Conference Proceedings			0	0	0	1	1
2035	2020	Two-Stage Converter for Piezoelectric Energy Harvesting using Buck Configuration		2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging Siitme 2020 Conference Proceedings			0	1	1	1	1
2036	2020	EMC Simulation of Conducted Emissions Produced by a DC-DC converter		2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging Siitme 2020 Conference Proceedings			0	1	2	3	0
2037	2020	A Generalized Model for Stacked Boost Single-Switch Converters		2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging Siitme 2020 Conference Proceedings			1	0	1	1	0
2038	2020	Hydroxyapatite coatings on Ti substrates by simultaneous precipitation and electrodeposition	1694332	Applied Surface Science	527		3	5	7	6	4
2039	2020	Second Order Active Disturbance Rejection Control - Virtual Reference Feedback Tuning for Twin Rotor Aerodynamic Systems	1062922X	Conference Proceedings IEEE International Conference on Systems Man and Cybernetics	2020-October		0	1	0	0	3
2040	2020	Variable Stator Frequency Diode Rectifier DFIG for Lower Cost MVDC Interface		Ecce 2020 IEEE Energy Conversion Congress and Exposition			0	0	0	1	0
2041	2020	Fuzzy Control Systems with Reduced Parametric Sensitivity Design Based on Hybrid Grey Wolf Optimizer-Particle Swarm Optimization		2020 24th International Conference on System Theory Control and Computing Icstcc 2020 Proceedings			0	1	2	1	0
2042	2020	Music panel: An application for creating and editing music using OpenCV and JFugue		2020 24th International Conference on System Theory Control and Computing Icstcc 2020 Proceedings			0	1	0	0	0
2043	2020	First-Order Active Disturbance Rejection-Virtual Reference Feedback Tuning Control of Tower Crane Systems		2020 24th International Conference on System Theory Control and Computing Icstcc 2020 Proceedings			1	0	1	2	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2044	2020	Synthesis, spectral characterization, and theoretical investigations of a new azo-stilbene dye for acrylic resins	222860	Journal of Molecular Structure	1217		0	2	1	0	2
2045	2020	Land degradation and mitigation policies in the mediterranean region: A brief commentary	20711050	Sustainability Switzerland	12	20	0	6	10	11	13
2046	2020	Synthesis and characterisation of platinum-cobalt-manganese ternary alloy catalysts supported on carbon nanofibers: An alternative catalyst for hydrogen evolution reaction	3603199	International Journal of Hydrogen Energy	45	49	3	2	5	3	4
2047	2020	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC	10298479	Journal of High Energy Physics	2020	10	1	9	5	3	6
2048	2020	Minimal disc diagrams of 5/9-simplicial complexes	262285	Michigan Mathematical Journal	69	4	0	0	0	0	0
2049	2020	Simulation of wastewater depollution processes by advanced biological methods	347752	Revista De Chimie	71	10	0	4	1	1	0
2050	2020	Use of modern technologies for the conservation of historical heritage in water management	20734441	Water Switzerland	12	10	0	2	6	2	3
2051	2020	Erratum to: Measurement of differential cross sections for single diffractive dissociation in $s = 8$ TeV pp collisions using the ATLAS ALFA spectrometer (Journal of High Energy Physics, (2020), 2020, 2, (42), 10.1007/JHEP02(2020)042)	10298479	Journal of High Energy Physics	2020	10	0	1	0	0	0
2052	2020	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2020	10	1	19	28	23	12

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2053	2020	Fault tolerant digital data-path design via control feedback loops	20799292	Electronics Switzerland	9	10	0	0	0	1	1
2054	2020	Search for $t\bar{t}A^-$ resonances in fully hadronic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2020	10	0	8	7	4	15
2055	2020	A symbolic encapsulation point as tool for 5g wideband channel cross-layer modeling	10994300	Entropy	22	10	0	1	2	0	0
2056	2020	Towards fully jitterless applications: Periodic scheduling in multiprocessor MCSS using a table-driven approach	20763417	Applied Sciences Switzerland	10	19	0	0	2	1	0
2057	2020	Erratum: Measurement of differential cross sections and $W + \gamma$ cross-section ratios for W boson production in association with jets at $\sqrt{s} = 8$ TeV with the ATLAS detector (Journal of High Energy Physics, (2018), 2018, 5, (77), 10.1007/JHEP05(2018)077)	10298479	Journal of High Energy Physics	2020	10	0	0	0	1	0
2058	2020	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2020	10	1	17	13	8	5
2059	2020	Improving OPC UA publish-subscribe mechanism over UDP with synchronization algorithm and multithreading broker application	14248220	Sensors Switzerland	20	19	0	6	3	1	1
2060	2020	Hybrid solution combining kalman filtering with takagi-sugeno fuzzy inference system for online car-following model calibration	14248220	Sensors Switzerland	20	19	0	3	4	1	1
2061	2020	Power supply platform and functional safety concept proposals for a powertrain transmission electronic control unit	20799292	Electronics Switzerland	9	10	0	1	3	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2062	2020	A dataset of urban traffic flow for 13 Romanian cities amid lockdown and after ease of COVID19 related restrictions	23523409	Data in Brief	32		0	1	3	1	0
2063	2020	Out-of-plane crushing response of aluminum honeycombs in-situ filled with graphene-reinforced polyurethane foam	2638223	Composite Structures	249		1	9	7	12	13
2064	2020	Sections in functional equations	19054	Aequationes Mathematicae	94	5	0	0	1	0	1
2065	2020	Multi-Scale Mechanical Behaviour of a Highly Porous Alumina Based Foam	15989623	Metals and Materials International	26	10	0	1	3	2	1
2066	2020	Hyers-Ulam stability for equations with differences and differential equations with time-dependent and periodic coefficients	3082105	Proceedings of the Royal Society of Edinburgh Section A Mathematics	150	5	1	9	4	0	8
2067	2020	When Do Working Consumers Become Prosumers? Exploring Prosumer Characteristics for Organizational Value Creation Strategies		Encyclopedia of Organizational Knowledge Administration and Technology			0	0	1	0	0
2068	2020	Teachers' skills required to design and deliver MOOCs in Engineering Education		Proceedings of 2020 IEEE Learning with Moocs Lwmoocs 2020			0	2	0	0	0
2069	2020	Solar Irradiance Measurement for a Thermo-Electric Hybrid Solar System		2020 5th International Conference on Smart and Sustainable Technologies Splitech 2020			0	0	1	0	0
2070	2020	Analysis of Shielding Effectiveness of an Automotive Display through Simulation and Testing		Proceedings of the 2020 International Symposium on Electromagnetic Compatibility EMC Europe EMC Europe 2020			2	2	0	1	0
2071	2020	Dijet Resonance Search with Weak Supervision Using s =13 TeV pp Collisions in the ATLAS Detector	319007	Physical Review Letters	125	13	3	11	31	21	23
2072	2020	OFDM Multi-Numerology for Future 5G New Radio Communication Systems		2020 28th International Conference on Software Telecommunications and Computer Networks Softcom 2020			0	0	1	0	2
2073	2020	Low lying valence band edge materials based on copper oxide for tandem dye-sensitized solar cells	0167577X	Materials Letters	275		0	3	6	3	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2074	2020	Energy performance of existing residential buildings in Europe: A novel approach combining energy with seismic retrofitting	3787788	Energy and Buildings	223		10	21	27	35	30
2075	2020	Study on the influence of recycled material on the tensile strength of HDPE products	17578981	Iop Conference Series Materials Science and Engineering	916	1	0	0	0	0	1
2076	2020	Tolerance allocation using Monte Carlo simulation	17578981	Iop Conference Series Materials Science and Engineering	916	1	0	0	1	0	0
2077	2020	Improving the Accuracy of Deep Neural Networks through Developing New Activation Functions		Proceedings 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing Iccp 2020			0	3	2	3	1
2078	2020	Estimation on fixed-bed column parameters of breakthrough behaviors for gold recovery by adsorption onto modified/functionalized amberlite xad7	16617827	International Journal of Environmental Research and Public Health	17	18	0	7	11	9	4
2079	2020	Edge map response of dilated and reconstructed classical filters		Proceedings 2020 22nd International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2020			0	4	2	1	2
2080	2020	Supervisory Control and Data Acquisition Approach in Node-RED: Application and Discussions	2624831X	Iot	1	1	0	3	7	9	11
2081	2020	Solubility and Admet Profiles of Short Oligomers of Lactic Acid	18487718	Admet and Dmpk	8	4	2	2	3	3	1
2082	2020	Performance of the ATLAS muon triggers in Run 2	17480221	Journal of Instrumentation	15	9	5	17	21	55	55
2083	2020	Kinematic quantification of knee joint asymmetry during preparatory phase of a standing backward tucked salto		Sisy 2020 IEEE 18th International Symposium on Intelligent Systems and Informatics Proceedings			0	1	0	0	0
2084	2020	An Improved Bidirectional Hybrid Switched Inductor Converter		2020 22nd European Conference on Power Electronics and Applications EPE 2020 Ecce Europe			0	0	0	1	2
2085	2020	Efficient Physical Layer Key Agreement for FlexRay Networks	189545	IEEE Transactions on Vehicular Technology	69	9	0	3	1	6	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2086	2020	Contribution of an interharmonic component to the sine-wave parameters estimators returned by the interpolated Discrete Fourier transform algorithm	0237028X	Acta Imeko	9	3	0	0	1	0	0
2087	2020	Vibration Effect on Some Tissues Biomechanical Models		Sisy 2020 IEEE 18th International Symposium on Intelligent Systems and Informatics Proceedings			0	1	0	0	0
2088	2020	Aluminum hydroxide impurities occlusions and contamination sources	347752	Revista De Chimie	70	9	0	2	1	0	0
2089	2020	The effect of cellulose acetate in the inhibition of bacteria: An alternative for antimicrobial resistance	347752	Revista De Chimie	70	9	0	0	1	0	0
2090	2020	Biological evaluation of black chokeberry extract free and embedded in two mesoporous silica-type matrices	19994923	Pharmaceutics	12	9	0	5	4	4	14
2091	2020	Whale optimization algorithm-based tuning of low-cost fuzzy controllers with reduced parametric sensitivity		2020 28th Mediterranean Conference on Control and Automation MED 2020			1	2	2	0	1
2092	2020	Engineering students' human values as rhizomatic lines of sustainability	20711050	Sustainability Switzerland	12	18	0	3	1	1	1
2093	2020	Polyaniline nanofibers modified ni electrodes for electrochemical hydrogen production	14523981	International Journal of Electrochemical Science	15	9	0	0	2	0	1
2094	2020	Systematic review of geometrical approaches and analytical integration for Chen's system	22277390	Mathematics	8	9	0	0	1	0	0
2095	2020	Demographic resilience in local systems: An empirical approach with census data	20798954	Systems	8	3	0	2	0	2	4
2096	2020	Ulam stability of a second linear differential operator with nonconstant coefficients	20738994	Symmetry	12	9	0	1	1	1	3
2097	2020	Uncovering new drug properties in target-based drug-drug similarity networks	19994923	Pharmaceutics	12	9	0	5	3	7	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2098	2020	Study of the influence of technological parameters on generating flat part with cylindrical features in 3D printing with resin cured by optical processing	20734360	Polymers	12	9	0	2	2	3	2
2099	2020	Measurements of inclusive and differential cross-sections of combined $t\bar{t}\gamma^* \rightarrow \tau^+\tau^-$ and $tW\gamma^* \rightarrow \tau^+\tau^-$ production in the e^+e^- channel at 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2020	9	1	8	4	9	5
2100	2020	Seismic vulnerability assessment methodology for historic masonry buildings in the near-field areas	13506307	Engineering Failure Analysis	115		1	13	12	17	11
2101	2020	Engineered magnetoactive collagen hydrogels with tunable and predictable mechanical response	9284931	Materials Science and Engineering C	114		0	6	1	3	1
2102	2020	CO2 emissions, renewable energy, and environmental regulations in the EU countries	9441344	Environmental Science and Pollution Research	27	27	3	4	13	11	11
2103	2020	Study of modern perforation processes specific to the automotive industry	17578981	Iop Conference Series Materials Science and Engineering	898	1	0	0	1	0	0
2104	2020	10MW, 10rpm, 15Hz directly-driven reluctance synchronous generator system: Preliminary design with key FEM validations		Proceedings 2020 International Conference on Electrical Machines ICEM 2020			0	0	0	2	1
2105	2020	CP Properties of Higgs Boson Interactions with Top Quarks in the $t\bar{t}H$ and tH Processes Using $H \rightarrow \tau^+\tau^-$ with the ATLAS Detector	319007	Physical Review Letters	125	6	3	20	21	21	26
2106	2020	Opicua publish-subscribe and VSOME/IP notify-subscribe based gateway application in the context of car to infrastructure communication	14248220	Sensors Switzerland	20	16	3	3	4	2	1
2107	2020	Construction of analytic solution to axisymmetric flow and heat transfer on a moving cylinder	20738994	Symmetry	12	8	0	3	7	4	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2108	2020	Search for long-lived, massive particles in events with a displaced vertex and a muon with large impact parameter in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	102	3	3	13	9	11	9
2109	2020	Amido black 10b dye copper complex-synthesis, characterization and color analysis	347752	Revista De Chimie	71	8	0	1	1	0	0
2110	2020	Search for heavy neutral Higgs bosons produced in association with b-quarks and decaying into b-quarks at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	102	3	3	16	13	8	8
2111	2020	Non-financial information disclosures and environmental protection-evidence from Romania and Greece	19994907	Forests	11	8	0	6	3	5	6
2112	2020	A Least squares differential quadrature method for a class of nonlinear partial differential equations of fractional order	22277390	Mathematics	8	8	0	1	5	2	1
2113	2020	Measurements of top-quark pair spin correlations in the e^+e^- channel at $\sqrt{s}=13$ TeV using pp collisions in the ATLAS detector	14346044	European Physical Journal C	80	8	1	10	8	8	14
2114	2020	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t} +$ plus missing transverse momentum final state at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	80	8	4	24	18	21	16
2115	2020	Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $\sqrt{s}=8$ TeV	10298479	Journal of High Energy Physics	2020	8	1	4	7	11	7
2116	2020	Optimal auxiliary functions method for a pendulum wrapping on two cylinders	22277390	Mathematics	8	8	0	8	4	4	3
2117	2020	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking	11266708	Journal of High Energy Physics	2020	8	2	10	2	7	16

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2118	2020	Platinum (IV) recovery from waste solutions by adsorption onto Dibenzo-30-crown-10 ether immobilized on amberlite XAD7 resin-factorial design analysis	14203049	Molecules	25	16	0	0	3	2	6	
2119	2020	Corrosion and Wear Properties of Zn-Based Composite Coatings	10599495	Journal of Materials Engineering and Performance	29	8	0	3	0	3	5	
2120	2020	A center manifold theory-based approach to the stability analysis of state feedback Takagi-Sugeno-Kang fuzzy control systems	3542025	Facta Universitatis Series Mechanical Engineering	18	2	1	4	3	1	1	
2121	2020	From historical narratives to circular economy: De-complexifying the “desertification” debate	16617827	International Journal of Environmental Research and Public Health	17	15	1	1	3	2	1	
2122	2020	High-strength steel and dissipative fuse solutions for seismic-resistant building structures	18670520	Steel Construction	13	3	0	1	2	1	3	
2123	2020	Synthesis, characterization of inclusion compounds of amygdalin with Î²-cyclodextrin and sod-like activity and cytotoxicity on hela tumor cells	18785352	Arabian Journal of Chemistry	13	8	0	3	8	4	2	
2124	2020	Technical solution for a real-time air quality monitoring system	18419836	International Journal of Computers Communications and Control	15	4	0	3	3	1	5	
2125	2020	Admissible Banach Function Spaces and Nonuniform Stabilities	16605446	Mediterranean Journal of Mathematics	17	4	1	1	1	1	1	
2126	2020	Comparative analyses of Roman mortars belonging to different ancient periods from Drobeta-Turnu Severin region	13886150	Journal of Thermal Analysis and Calorimetry	141	3	0	0	1	2	1	
2127	2020	Solid-state stability and kinetic study of three glucocorticoid hormones: prednisolone, prednisone and cortisone	13886150	Journal of Thermal Analysis and Calorimetry	141	3	0	2	1	2	0	
2128	2020	Physicochemical characterization and molecular modeling study of host-guest systems of aripiprazole and functionalized cyclodextrins	13886150	Journal of Thermal Analysis and Calorimetry	141	3	2	3	2	2	5	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2129	2020	Thermal behavior of oligo[(μ -caprolactone)-co- γ -gluconolactone] enzymatically synthesized in reaction conditions optimized by experimental design	13886150	Journal of Thermal Analysis and Calorimetry	141	3	0	4	1	1	0
2130	2020	On the rattleback dynamics	0022247X	Journal of Mathematical Analysis and Applications	488	1	0	0	0	0	0
2131	2020	On a nonlinear stochastic integral equation	269255	Monatshefte Fur Mathematik	192	4	1	0	0	1	0
2132	2020	Optical and thermal properties of intelligent pH indicator films based on chitosan/PVA and a new xanthylum dye	13886150	Journal of Thermal Analysis and Calorimetry	141	3	2	0	5	5	0
2133	2020	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using pp Collisions at $\sqrt{s}=13$ TeV	319007	Physical Review Letters	125	5	12	48	57	59	47
2134	2020	The amplitude influence on the thermal and hydraulic performances for a wavy air fin in a compact heat exchanger used in agriculture applications	25550403	E3s Web of Conferences	180		0	1	0	0	0
2135	2020	Digital Beamforming Techniques for Future Communications Systems		2020 12th International Symposium on Communication Systems Networks and Digital Signal Processing Csndsp 2020			0	1	7	5	6
2136	2020	Enhanced metric for multiple extended object tracker	354066	Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique	65	03-Apr	0	0	0	2	0
2137	2020	Temperature measurements with thermocouples used in a thermo-electric hybrid solar system		Proceedings of the World Conference on Smart Trends in Systems Security and Sustainability Ws4 2020			0	1	0	0	0
2138	2020	Object recognition development for android mobile devices with text-to-speech function created for visually impaired people		Proceedings of the World Conference on Smart Trends in Systems Security and Sustainability Ws4 2020			0	1	0	1	4
2139	2020	Wind turbine power and optimum energy, at variable wind speeds		Ines 2020 IEEE 24th International Conference on Intelligent Engineering Systems Proceedings			1	0	0	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2140	2020	Car Environment Conditions vs. Thermal Chamber Conditions	19363958	Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems Itherm	2020-July		0	0	1	1	0
2141	2020	DigiCulture-an open education environment for digital skills		Proceedings IEEE 20th International Conference on Advanced Learning Technologies IcaIt 2020			0	3	2	0	0
2142	2020	Students as OERs (open educational resources) co-creators		Proceedings IEEE 20th International Conference on Advanced Learning Technologies IcaIt 2020			0	0	0	3	1
2143	2020	Vacuum Pressure Online Logging Software Creation for a Solar Collector		2020 43rd International Conference on Telecommunications and Signal Processing Tsp 2020			1	0	0	0	0
2144	2020	4G/5G: A Comparative Study and Overview on What to Expect from 5G		2020 43rd International Conference on Telecommunications and Signal Processing Tsp 2020			0	4	10	13	8
2145	2020	Analysis of Radiated Immunity of an Automotive Display by Means of Testing and Simulation		2020 43rd International Conference on Telecommunications and Signal Processing Tsp 2020			2	3	1	0	0
2146	2020	Polynomial Based Kalman Filter Result Fitting to Data		2020 43rd International Conference on Telecommunications and Signal Processing Tsp 2020			1	1	1	0	0
2147	2020	Design of low-cost fuzzy controllers with reduced parametric sensitivity based on whale optimization algorithm	10987584	IEEE International Conference on Fuzzy Systems	2020-July		2	2	5	1	1
2148	2020	Association of neutrophil to lymphocyte ratio with disease severity and joint effusion in patients with early stage knee osteoarthritis	347752	Revista De Chimie	71	7	0	0	0	0	0
2149	2020	Observation of the associated production of a top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2020	7	3	7	9	15	6
2150	2020	Recovery of flexible polyurethane foam waste for efficient reuse in industrial formulations	20734360	Polymers	12	7	2	6	11	10	10

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2151	2020	Search for the $HH \rightarrow b\bar{b} b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2020	7	6	15	15	9	9
2152	2020	An efficient analytical approach to investigate the dynamics of a misaligned multirotor system	22277390	Mathematics	8	7	2	6	14	9	4
2153	2020	A new approach on Datko-Zabczyk method for nonuniform exponential stability	22277390	Mathematics	8	7	0	0	0	0	1
2154	2020	An analysis of the socio-economic and human life impact of implementing the eCall In Vehicle System (IVS) in the purpose of ensuring sustainable, improved rescue operations on European roads	20711050	Sustainability Switzerland	12	13	1	0	1	2	1
2155	2020	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	80	7	2	19	11	17	18
2156	2020	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2020	7	1	8	7	12	5
2157	2020	Evolving Fuzzy Models for Prosthetic Hand Myoelectric-Based Control	189456	IEEE Transactions on Instrumentation and Measurement	69	7	13	40	61	21	13
2158	2020	Learning control for transmission and navigation with a mobile robot under unknown communication rates	9670661	Control Engineering Practice	100		1	1	3	2	3
2159	2020	Copula-based local dependence among energy, agriculture and metal commodities markets	3605442	Energy	202		2	11	19	17	16
2160	2020	PLL position and speed observer with integrated current observer for sensorless PMSM drives	2780046	IEEE Transactions on Industrial Electronics	67	7	6	9	16	31	12

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2161	2020	Online state of health prediction method for lithium-ion batteries, based on gated recurrent unit neural networks	0363907X	International Journal of Energy Research	44	8	1	18	20	34	28
2162	2020	Gesture classification for a hand controller device using neural networks	9269630	Studies in Health Technology and Informatics	270		0	1	1	0	0
2163	2020	Optimization of entropy-based automated dyslalia screening algorithm	9269630	Studies in Health Technology and Informatics	270		1	0	0	0	0
2164	2020	Continuous monitoring and statistical modelling of heart rate variability	9269630	Studies in Health Technology and Informatics	270		0	0	0	0	2
2165	2020	Magnetorheological properties of a kerosene-based ferrofluid with magnetite particles hydrophobized in the absence of the dispersion medium	9214526	Physica B Condensed Matter	587		2	0	6	3	2
2166	2020	Well-posedness of the EPDiff equation with a pseudo-differential inertia operator	220396	Journal of Differential Equations	269	1	1	0	1	1	1
2167	2020	Dissociative recombination and vibrational excitation of molecular cations with electrons: Application to H ₂ ⁺ , BeH ⁺ and their isotopomers	17426588	Journal of Physics Conference Series	1412	17	0	1	0	1	1
2168	2020	Current tendencies in welding of steel bridges; Choice of material and use of thick plates	17578981	Iop Conference Series Materials Science and Engineering	789	1	0	0	0	0	0
2169	2020	Influence of link length on re-centring capability of dual eccentrically braced frames	17578981	Iop Conference Series Materials Science and Engineering	789	1	0	0	1	1	1
2170	2020	Review of damage-tolerant solutions for improved seismic performance of buildings	17578981	Iop Conference Series Materials Science and Engineering	789	1	0	0	1	0	0
2171	2020	Measurement of the Lund Jet Plane Using Charged Particles in 13 TeV Proton-Proton Collisions with the ATLAS Detector	319007	Physical Review Letters	124	22	3	11	10	12	12
2172	2020	Rhombellane-Related Crystal Networks	22286489	Iranian Journal of Mathematical Chemistry	11	2	0	0	0	1	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2173	2020	Decision Making in Road Traffic Coordination Methods: A Travel Time Reduction Perspective		Proceedings 2020 International Conference Engineering Technologies and Computer Science Ent 2020			0	1	1	2	1		
2174	2020	Measurement and Simulation of Electrostatic Discharge in the Automotive Industry		2020 13th International Conference on Communications Comm 2020 Proceedings			0	0	2	0	0		
2175	2020	Multiple-Notch Frequency Selective Surface for Automotive Applications		2020 13th International Conference on Communications Comm 2020 Proceedings			1	0	1	1	1		
2176	2020	Affordable Flying Probe-Inspired In-Circuit-Tester for Printed Circuit Boards Evaluation with Application in Test Engineering Education		Proceedings 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2020			0	3	0	2	3		
2177	2020	Online Built-In Self-Test Architecture for Automated Testing of a Solar Tracking Equipment		Proceedings 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2020			0	4	1	1	2		
2178	2020	Low Cost Implementation of a Wind Turbine Emulator		Proceedings 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2020			0	0	1	1	0		
2179	2020	NH-HAZE: An image dehazing benchmark with non-homogeneous hazy and haze-free images	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2020-June		9	27	50	84	96		
2180	2020	NTIRE 2020 challenge on nonhomogeneous dehazing	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2020-June		15	19	12	22	20		
2181	2020	Search for dijet resonances in events with an isolated charged lepton using $\sqrt{s} = 13$ TeV proton-proton collision data collected by the ATLAS detector	11266708	Journal of High Energy Physics	2020	6	1	7	3	3	3		
2182	2020	Wind turbines optimal operation at time variable wind speeds	20763417	Applied Sciences Switzerland	10	12	0	3	3	3	3		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2183	2020	Highly Efficient Authentication for CAN by Identifier Reallocation with Ordered CMACs	189545	IEEE Transactions on Vehicular Technology	69	6	0	4	8	4	3
2184	2020	Image-processing-based low-cost fault detection solution for end-of-line ecus in automotive manufacturing	14248220	Sensors Switzerland	20	12	3	5	5	2	3
2185	2020	Piezoelectric energy harvesting solutions: A review	14248220	Sensors Switzerland	20	12	8	58	97	112	141
2186	2020	Measurement of the $t\bar{t}\gamma$ production cross-section and lepton differential distributions in e^+e^- dilepton events from pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	14346044	European Physical Journal C	80	6	4	18	14	21	10
2187	2020	A pointnet-based solution for 3D hand gesture recognition	14248220	Sensors Switzerland	20	11	2	6	2	3	1
2188	2020	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb $^{-1}$ of data collected with the ATLAS detector	10298479	Journal of High Energy Physics	2020	6	6	7	8	9	10
2189	2020	Erratum to: Search for diboson resonances in hadronic final states in 139 fb $^{-1}$ of pp collisions at $s = 13\text{ TeV}$ with the ATLAS detector (Journal of High Energy Physics, (2019), 2019, 9, (91), 10.1007/JHEP09(2019)091)	10298479	Journal of High Energy Physics	2020	6	2	1	1	1	2
2190	2020	Using sewage sludge ash as an efficient adsorbent for Pb (II) and Cu (II) in single and binary systems	14203049	Molecules	25	11	1	2	6	0	1
2191	2020	Novel platinum-porphyrin as sensing compound for efficient fluorescent and electrochemical detection of H ₂ O ₂	22279040	Chemosensors	8	2	1	1	4	5	1
2192	2020	Diclofenac removal from water by photocatalysis- assisted filtration using activated carbon modified with N-doped TiO ₂	9575820	Process Safety and Environmental Protection	138		4	8	14	11	8

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2193	2020	Corporate volunteering in the large enterprises' social mission - The case of a post-Soviet Russian industrial region	18024866	Central European Journal of Public Policy	14	1	1	0	1	1	1
2194	2020	A green approach for treatment of wastewater with manganese using wood ash	2682575	Journal of Chemical Technology and Biotechnology	95	6	0	5	4	5	3
2195	2020	Experimental study of swirling flow from conical diffusers using the water jet control method	9601481	Renewable Energy	152		0	3	3	6	4
2196	2020	Multiphoton Microscopy of Oral Tissues: Review	2296424X	Frontiers in Physics	8		0	4	2	6	3
2197	2020	Analysis of a map-based neuronal model	10236198	Journal of Difference Equations and Applications	26	5	0	0	0	0	1
2198	2020	Effect of frequency uncertainty on the sine-wave amplitude estimator returned by linear least-squares fitting		I2mtc 2020 International Instrumentation and Measurement Technology Conference Proceedings			0	1	1	0	0
2199	2020	Models of Two-Wheeled Mobile Robots with Experimental Validation		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	2	1	1
2200	2020	Mathematical Formalism of Sequential Automaton with Parallel Branches used in Industrial Automation		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0
2201	2020	Warning Solution for Medication Administration		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0
2202	2020	Wind Power Plants Operation at Variable Wind Speeds		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	2	2	3
2203	2020	Understanding the Impact of Mutable Global State on the Defect Proneness of Object-Oriented Systems		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0
2204	2020	Self-driving vehicles: Current status of development and technical challenges to overcome		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	3	2	6	3

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2205	2020	Network-based clustering of book genres based on the connection between books bought together		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	1		
2206	2020	Assisting Radiologists Through Automatic Cardiothoracic Ratio Calculation		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	1	1		
2207	2020	Frequency Domain Design of Controllers for Lighting Process		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	1		
2208	2020	Traffic micro-simulation as a validation tool for developing genetic algorithms for green wave optimization		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	2	0	0		
2209	2020	Dynamics of the Wind Power Plants at Small Wind Speeds		Saci 2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	2	1	3		
2210	2020	Optimal Operation of Microgrid Employing Predictive Control		2020 15th International Conference on Development and Application Systems Das 2020 Proceedings			0	0	0	1	0		
2211	2020	Experiments Concerning the Spectrum Structure Inside an Automotive EMC Laboratory		2020 15th International Conference on Development and Application Systems Das 2020 Proceedings			1	0	1	0	0		
2212	2020	The Most Used Activation Functions: Classic Versus Current		2020 15th International Conference on Development and Application Systems Das 2020 Proceedings			2	14	11	13	18		
2213	2020	Simulation of Surge Pulse Generator and Applications in Automotive Immunity Testing		2020 15th International Conference on Development and Application Systems Das 2020 Proceedings			1	1	0	1	0		
2214	2020	Measuring the implications of sustainable manufacturing in the context of industry 4.0	22279717	Processes	8	5	2	7	17	8	8		
2215	2020	Anisotropic compressive behavior of metallic foams under extreme temperature conditions	19961944	Materials	13	10	2	10	3	3	3		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2216	2020	Lanthanum ferrite ceramic powders: Synthesis, characterization and electrochemical detection application	19961944	Materials	13	9	0	2	3	4	4
2217	2020	A novel approach against sun glare to enhance driver safety	20763417	Applied Sciences Switzerland	10	9	0	0	1	4	4
2218	2020	Weather-based prediction strategy inside the proactive historian with application in wastewater treatment plants	20763417	Applied Sciences Switzerland	10	9	0	3	0	0	0
2219	2020	Uncovering demographic trends and recent urban expansion in metropolitan regions: A paradigmatic case study	20711050	Sustainability Switzerland	12	9	1	1	0	1	1
2220	2020	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s}=13\text{TeV}$ and decaying into collimated leptons or light hadrons with the ATLAS detector	14346044	European Physical Journal C	80	5	6	10	18	7	6
2221	2020	New efficient adsorbent materials for the removal of Cd(II) from aqueous solutions	20794991	Nanomaterials	10	5	1	4	9	5	6
2222	2020	Outer Ferrite-PM-Rotor BLAC Motor Characterization: FEM-Assisted Optimal Design and Preliminary Experiments	939994	IEEE Transactions on Industry Applications	56	3	0	0	0	0	1
2223	2020	Supertwisting Sliding-Mode Direct Torque and Flux Control of Induction Machine Drives	8858993	IEEE Transactions on Power Electronics	35	5	9	9	14	19	13
2224	2020	Structural characterization of concentrated aqueous ferrofluids	3048853	Journal of Magnetism and Magnetic Materials	501		4	7	4	1	5
2225	2020	Economic potential and environmental impacts of reused steel structures	15732479	Structure and Infrastructure Engineering	16	4	1	2	3	2	9
2226	2020	ATLAS data quality operations and performance for 2015-2018 data-taking	17480221	Journal of Instrumentation	15	4	10	18	16	60	45
2227	2020	Silica-coated magnetic nanocomposites for Pb2+ removal from aqueous solution	20763417	Applied Sciences Switzerland	10	8	2	6	10	24	14
2228	2020	Random positive operator valued measures	222488	Journal of Mathematical Physics	61	4	3	4	4	0	2

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2229	2020	Properties of salvia officinalis l. And thymus serpyllum l. extracts free and embedded into mesopores of silica and titania nanomaterials	20794991	Nanomaterials	10	5	2	7	5	9	9
2230	2020	Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in s =13 TeV pp collisions with the ATLAS detector	24700010	Physical Review D	101	7	8	24	17	10	11
2231	2020	The Concept of Sustainability in the Romanian Top Universities' Strategic Plans	20711050	Sustainability Switzerland	12	7	1	5	3	2	1
2232	2020	Minimum-variance control system with variable control penalty factor	20763417	Applied Sciences Switzerland	10	7	1	3	0	3	1
2233	2020	Rapidity of change in population age structures: A local approach based on multiway factor analysis	20711050	Sustainability Switzerland	12	7	0	1	2	0	0
2234	2020	Influence of experimental parameters of a continuous flow process on the properties of very small iron oxide nanoparticles (VSION) designed for T1-weighted magnetic resonance imaging (MRI)	20794991	Nanomaterials	10	4	3	5	7	4	2
2235	2020	IM applications for educational purposes	10946969	IEEE Instrumentation and Measurement Magazine	23	2	0	0	2	1	0
2236	2020	Reactions of pyrrole, imidazole, and pyrazole with ozone: Kinetics and mechanisms	20531400	Environmental Science Water Research and Technology	6	4	0	4	15	5	11
2237	2020	New generation of antibacterial products based on colloidal silver	19961944	Materials	13	7	0	2	1	1	2
2238	2020	Mode I and II fracture toughness investigation of Laser-Sintered Polyamide	1678442	Theoretical and Applied Fracture Mechanics	106		6	10	17	7	8

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2239	2020	A risk-consistent approach to determine EN1998 behaviour factors for lateral load resisting systems	2677261	Soil Dynamics and Earthquake Engineering	131		2	10	10	10	8
2240	2020	Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions	13802224	Journal of Porous Materials	27	2	2	4	6	9	2
2241	2020	The influence of Marangoni convection and of the external temperature gradient on the temperature fluctuations in a Czochralski solar silicon process	0094243X	Aip Conference Proceedings	2218		0	0	0	0	1
2242	2020	Degradation of Rhodamine B by glass foam coated with WO3 and TiO2 under simulated solar radiation	0094243X	Aip Conference Proceedings	2218		0	0	1	0	1
2243	2020	Reactive collisions between electrons and BeT+	0094243X	Aip Conference Proceedings	2218		0	1	0	1	0
2244	2020	Surface engineering of Ni-Al coatings through concentrated solar heat treatment	1694332	Applied Surface Science	506		1	1	1	1	1
2245	2020	Properties of blends of fresh and RAP binders with rejuvenator: Experimental and estimated results	9500618	Construction and Building Materials	236		1	3	4	7	5
2246	2020	Compressive strength of stripes and flakes of recycled polyethylene terephthalate (PET) added concrete	255289	Materiale Plastice	57	1	0	3	1	0	0
2247	2020	Doxorubicin depuration in oncological wastewaters using an electrochemical method	347752	Revista De Chimie	71	3	0	0	1	0	0
2248	2020	Considerations on the drying of the raw material and consequences on the quality of the injected products	255289	Materiale Plastice	57	1	0	0	2	2	0
2249	2020	Compressive strength of woven and strand of recycled polyethylene terephthalate (PET) reinforced concrete	255289	Materiale Plastice	57	1	0	4	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2250	2020	A comparative evaluation of stress resistance between nano-hybrid composite and ormocer restorations on posterior teeth - In vitro study	255289	Materiale Plastice	57	1	1	3	1	2	0
2251	2020	Fluconazole-beta-cyclodextrin inclusion complexes. Preparation and characterization in solid state	347752	Revista De Chimie	71	3	0	1	1	1	1
2252	2020	Search for long-lived neutral particles produced in pp collisions at $\sqrt{s}=13$ TeV decaying into displaced hadronic jets in the ATLAS inner detector and muon spectrometer	24700010	Physical Review D	101	5	2	19	11	10	4
2253	2020	Measurement of soft-drop jet observables in pp collisions with the ATLAS detector at $\sqrt{s}=13$ TeV	24700010	Physical Review D	101	5	10	10	10	19	13
2254	2020	Searches for electroweak production of supersymmetric particles with compressed mass spectra in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	24700010	Physical Review D	101	5	19	42	40	36	47
2255	2020	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2020	3	1	1	1	2	2
2256	2020	Search for new resonances in mass distributions of jet pairs using 139 fb^{-1} of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2020	3	17	21	32	25	35
2257	2020	Mode I fracture toughness of polyamide and alumide samples obtained by selective laser sintering additive process	20734360	Polymers	12	3	3	9	11	4	9
2258	2020	Physically crosslinked poly (vinyl alcohol)/kappa-carrageenan hydrogels: Structure and applications	20734360	Polymers	12	3	2	10	5	8	17
2259	2020	Biodegradation pattern of glycopolymer based on D-mannose oligomer and hydroxypropyl acrylate	20734360	Polymers	12	3	1	1	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
2260	2020	Industrial internet of things and fog computing to reduce energy consumption in drinking water facilities	22279717	Processes	8	3	4	3	0	3	0
2261	2020	Measurement of the $Z(\hat{t}' \hat{a}, " + \hat{a}, " \hat{a}^{\prime})\hat{l}^3$ production cross-section in pp collisions at $\hat{a}^{\prime}ss = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2020	3	3	5	3	4	4
2262	2020	White magnetic paper with zero remanence based on electrospun cellulose microfibers doped with iron oxide nanoparticles	20794991	Nanomaterials	10	3	2	5	1	1	0
2263	2020	The effect of thermocycling and surface treatments on the surface roughness and microhardness of three heat-pressed ceramics systems	20734352	Crystals	10	3	2	3	4	4	2
2264	2020	Kinetics and thermodynamics modeling of Nd(III) removal from aqueous solution using modified Amberlite XAD7	10020721	Journal of Rare Earths	38	3	0	1	4	3	4
2265	2020	Effect of Ti addition on microstructure and corrosion properties of laser clad WC-Co/NiCrBSi(Ti) coatings	1694332	Applied Surface Science	504		3	8	16	11	9
2266	2020	Photocatalytic surfaces obtained through one-step thermal spraying of titanium	1694332	Applied Surface Science	504		0	3	1	2	0
2267	2020	Measurement of azimuthal anisotropy of muons from charm and bottom hadrons in pp collisions at $\hat{a}^{\prime}ss = 13$ TeV with the ATLAS detector	319007	Physical Review Letters	124	8	4	10	5	7	10
2268	2020	Prequalification of a set of buckling restrained braces: Part I - experimental tests	12299367	Steel and Composite Structures	34	4	1	0	0	4	2
2269	2020	Prequalification of a set of buckling restrained braces: Part II $\hat{a}^{\prime}$ numerical simulations	12299367	Steel and Composite Structures	34	4	1	1	2	3	1
2270	2020	Static and dynamic mode I fracture toughness of rigid PUR foams under room and cryogenic temperatures	137944	Engineering Fracture Mechanics	225		9	4	11	11	11

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
2271	2020	Flexural properties of selectively sintered polyamide and Alumide	25776576	Material Design and Processing Communications	2	1	0	3	1	2	2
2272	2020	Comparative studies regarding molybdate adsorption onto mg ₂ Fe layered double hydroxides obtained from reagent and waste sludge	15829596	Environmental Engineering and Management Journal	19	2	0	1	0	0	1
2273	2020	Search for direct stau production in events with two hadronic $\tilde{l}_{\tau}$ -leptons in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	24700010	Physical Review D	101	3	8	18	16	17	11
2274	2020	Measurement of the azimuthal anisotropy of charged-particle production in Xe+Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV with the ATLAS detector	24699985	Physical Review C	101	2	4	7	8	15	13
2275	2020	Revisiting the "City Life Cycle": Global urbanization and implications for regional development	20711050	Sustainability Switzerland	12	3	1	4	6	4	6
2276	2020	Rural in town: Traditional agriculture, population trends, and long-term urban expansion in metropolitan Rome	2073445X	Land	9	2	3	8	7	7	5
2277	2020	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions using the ATLAS detector	14346044	European Physical Journal C	80	2	20	75	57	51	44
2278	2020	Modified chitosan for silver recovery-kinetics, thermodynamic, and equilibrium studies	19961944	Materials	13	3	2	2	2	5	4
2279	2020	Measurement of differential cross sections for single diffractive dissociation in $\sqrt{s}=8$ TeV pp collisions using the ATLAS ALFA spectrometer	10298479	Journal of High Energy Physics	2020	2	2	4	5	1	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2280	2020	Solid state stability and kinetics of degradation for candesartană€”Pure compound and pharmaceutical formulation	19994923	Pharmaceutics	12	2	0	1	3	1	2
2281	2020	Water runoff harvesting systems for restoration of degraded rangelands: A review of challenges and opportunities	3014797	Journal of Environmental Management	255		4	5	4	6	8
2282	2020	New method for calculating the susceptances of a balancing capacitive compensator for a three-phase four-wire distribution network	1420615	International Journal of Electrical Power and Energy Systems	115		4	1	0	0	2
2283	2020	The rcdk and cluster R packages applied to drug candidate selection	17582946	Journal of Cheminformatics	12	1	2	8	8	7	11
2284	2020	Mechanical properties of A356 and ZA27 metallic syntactic foams at cryogenic temperature	9258388	Journal of Alloys and Compounds	813		20	14	11	7	6
2285	2020	Experimental design investigation of through-transmission laser welding of dissimilar polymers	17426588	Journal of Physics Conference Series	1426	1	1	1	3	3	3
2286	2020	Study of temperature dependent viscosity of different types of engine used oils	17426588	Journal of Physics Conference Series	1426	1	0	1	1	1	1
2287	2020	Optimal and stable energetic operation of wind power systems at variable wind speed	17426588	Journal of Physics Conference Series	1426	1	2	0	1	0	0
2288	2020	Influence of steel vacuuming on the reduction of hydrogen content	17426588	Journal of Physics Conference Series	1426	1	0	0	0	0	3
2289	2020	Numerical and experimental analysis of dry contact in pad disc brake assembly	17426588	Journal of Physics Conference Series	1426	1	0	1	2	0	1
2290	2020	Influence of heating and moisture content on sludge drying process	17426588	Journal of Physics Conference Series	1426	1	0	0	0	1	1
2291	2020	Research regarding the hardness of cast iron	17426588	Journal of Physics Conference Series	1426	1	1	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2292	2020	The improvement of steel properties using Al2O3 coatings deposited by plasma spraying	17426588	Journal of Physics Conference Series	1426	1	0	0	1	0	0
2293	2020	A comparative study between photogrammetry and laser technology applied on model turbine blades	17426588	Journal of Physics Conference Series	1426	1	1	1	0	1	0
2294	2020	The kinematic and kinetostatic study of the shaker mechanism with SolidWorks Motion	17426588	Journal of Physics Conference Series	1426	1	3	0	1	4	2
2295	2020	Testing the functionality of the safety belts of road vehicles in the production process phase	17426588	Journal of Physics Conference Series	1426	1	0	0	0	0	0
2296	2020	Study of the contact forces between workpiece and fixture using dynamic analysis	17426588	Journal of Physics Conference Series	1426	1	1	0	1	0	0
2297	2020	Ellipsometric determination of the thickness and the refractive index of superficial films deposited on metal mirrors	17426588	Journal of Physics Conference Series	1426	1	0	0	0	0	1
2298	2020	Capitalization possibilities of small ferrous and pulverous waste in the iron production industry	17426588	Journal of Physics Conference Series	1426	1	0	1	0	1	0
2299	2020	A secure and portable multi-sensor module for distributed air pollution monitoring	14248220	Sensors Switzerland	20	2	0	9	9	2	4
2300	2020	3D MODELING OF WASTE DUMPS IN ORDER TO ECOLOGY OF MINING AREAS	22855718	Agrolife Scientific Journal	9	2	0	0	2	2	0
2301	2020	Complex electronic protection for low-voltage three-phase induction motors	11099445	Wseas Transactions on Electronics	11		0	0	0	1	0
2302	2020	Correlation “Sustainability” Functions “Competitiveness” for Products in Society 5.0	21987246	Springer Proceedings in Business and Economics			0	0	1	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2303	2020	Financial Constraints and the Structure of the Firm's Investment: An Application to the Scientific R&D Industry from the Largest EU Countries	21987246	Springer Proceedings in Business and Economics			0	0	1	0	0
2304	2020	Using Design Thinking to Create Social Innovation in Digital Services for International Mobility	21987246	Springer Proceedings in Business and Economics			0	0	0	0	0
2305	2020	The Impact of Knowledge Management on Intellectual Capital. A Research Approach Using Skandia Navigators	21987246	Springer Proceedings in Business and Economics			0	0	1	0	0
2306	2020	Perception, Knowledge, Attitude and Behavior Toward Climate Change – A Survey Among Citizens in Timisoara, Romania	21987246	Springer Proceedings in Business and Economics			0	0	1	0	1
2307	2020	Improving Workflows Through Digital Collaboration in Software Development Projects	21987246	Springer Proceedings in Business and Economics			0	0	0	0	1
2308	2020	How to Approach Ethics in Intelligent Decision Support Systems	21987246	Springer Proceedings in Business and Economics			0	0	0	0	6
2309	2020	Custom Dilated Edge Detection Filters	24644617	Computer Science Research Notes	3001		0	0	0	0	2
2310	2020	Testing the Trust of Romanian Consumers in E-Commerce	21987246	Springer Proceedings in Business and Economics			0	1	1	0	0
2311	2020	Human Resource Competencies Development for Competitive Advantage. A Case from the Food Industry	21987246	Springer Proceedings in Business and Economics			0	0	1	0	0
2312	2020	Determination of internal stress in soldered joints with Sn-based alloys by X-ray diffraction	22147853	Materials Today Proceedings	45		0	0	1	1	0
2313	2020	Hardfacing of X2CrNiMoN22-5-3 Duplex stainless steel with Stellite alloy using pulsed TIG welding process	22147853	Materials Today Proceedings	45		0	0	1	2	1
2314	2020	Deflection and precambering study of VFT beams in the welded joints	22147853	Materials Today Proceedings	45		0	0	0	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2315	2020	Iterative approach in the design of the optimal configuration for the injection system of a test plate from composite material	22147853	Materials Today Proceedings	45		0	0	2	0	0
2316	2020	Multi-scale modelling of woven carbon fibre reinforced epoxy	22147853	Materials Today Proceedings	45		0	0	3	0	2
2317	2020	The effect of thermocycling on microhardness and surface roughness of two zirconia reinforced lithium silicate glass-ceramics	22147853	Materials Today Proceedings	45		0	0	2	0	1
2318	2020	Analysis of the insertion force in a Fork-Pin contact	22147853	Materials Today Proceedings	45		0	0	0	0	1
2319	2020	NiTi wires welding using a 500 W pulsed Nd:YAG laser equipment	22147853	Materials Today Proceedings	45		0	0	1	0	0
2320	2020	Resistance spot welding particularities of the nickel alloy Nimonic 80 A	22147853	Materials Today Proceedings	45		0	0	3	1	0
2321	2020	Numerical investigation on the influence of fiber orientation mapping procedure to the mechanical response of short-fiber reinforced composites using Moldflow, Digimat and Ansys software	22147853	Materials Today Proceedings	45		0	3	3	6	7
2322	2020	Mechanical characterization of lightweight foam-based sandwich panels	22147853	Materials Today Proceedings	45		0	0	2	3	3
2323	2020	Development of metal matrix composites using recycled secondary raw materials from aluminium wastes	22147853	Materials Today Proceedings	45		0	1	3	7	6
2324	2020	Production of Cu-Zr mixed metal oxides by thermal oxidation of amorphous ribbons	22147853	Materials Today Proceedings	45		0	0	3	2	0
2325	2020	Technological aspects regarding the production of Cu-Zr glassy ribbons. Difficulties and proposals	22147853	Materials Today Proceedings	45		0	0	0	1	0
2326	2020	Investigation on ultrasonic cavitation erosion of wrought Al-Mg alloys	22147853	Materials Today Proceedings	45		0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2327	2020	Influence of laser beam power on the heterogeneous welded joints morphology of deformable aluminium alloys	22147853	Materials Today Proceedings	45		0	0	1	1	1
2328	2020	Ultrasonic cavitation erosion mechanism in TIG remelted surfaces of Nimonic 80 A alloy	22147853	Materials Today Proceedings	45		0	0	0	1	0
2329	2020	A systematic overview on fabrication aspects and methods of aluminum metal matrix composites	22147853	Materials Today Proceedings	45		0	3	4	10	11
2330	2020	Characterization and mechanical properties of fused deposited PLA material	22147853	Materials Today Proceedings	45		0	0	3	3	1
2331	2020	The opportunity to join through laser braze-welding of aluminium alloys with galvanized low alloy steels	22147853	Materials Today Proceedings	45		0	0	0	1	1
2332	2020	Morphology and mechanism of cavitation degradation of gray cast iron surfaces with lamellar graphite	22147853	Materials Today Proceedings	45		0	1	1	1	0
2333	2020	Electrochemical oxidation of sulphite in neutral media on graphite	22147853	Materials Today Proceedings	45		0	0	0	1	0
2334	2020	Virtual reality in the automotive field in industry 4.0	22147853	Materials Today Proceedings	45		0	3	8	15	17
2335	2020	Testing of brake pads made of non asbestos organic friction composite on specialized station	22147853	Materials Today Proceedings	45		0	0	5	3	1
2336	2020	Cellular materials used in athletic footwear applications: Experimental, analytical and numerical investigations	22147853	Materials Today Proceedings	45		0	1	1	1	2
2337	2020	Micromechanical modeling of glass fiber reinforced plastic material	22147853	Materials Today Proceedings	45		0	3	5	1	2
2338	2020	Processing and characterization of Ni63Cr12Fe4Si8B13 amorphous alloy for the manufacturing of electrical resistances	22147853	Materials Today Proceedings	45		0	1	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2339	2020	Research on the nondestructive examination of narrow gap MAG welding of API 5L X65M thermomechanical treated steel	22147853	Materials Today Proceedings	45		0	1	1	0	0
2340	2020	Optimization of thermal deflection in NiTi-based bimorph microactuators	22147853	Materials Today Proceedings	45		0	0	1	1	0
2341	2020	Learning nonlinear robust control as a data-driven zero-sum two-player game for an active suspension system	24058963	IFAC Papersonline	53		0	3	2	3	0
2342	2020	The effect of strain rate and temperature on the mechanical properties of polycarbonate composites	22147853	Materials Today Proceedings	45		0	2	6	4	3
2343	2020	Bring anina to the surface: The intangible aspects of industrial heritage in anina between experiment and reality	18425631	Transsylvania Nostra	2020	3	0	0	1	0	0
2344	2020	Development of fabric-reinforced polymer matrix composites using bio-based components from post-consumer textile waste	22147853	Materials Today Proceedings	45		0	1	10	8	3
2345	2020	Electron driven reactive processes involving H ⁺ 2 and HD ⁺ molecular cations in the early universe	12205168	Romanian Astronomical Journal	30	2	0	1	2	2	1
2346	2020	Optimisation of district heating systems using heuristic methods: A review	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	20	4	0	0	1	0	0
2347	2020	Beam-scanning antenna based on near-electric field phase transformation and refraction of electromagnetic wave through dielectric structures	21693536	IEEE Access	8		0	15	22	8	8
2348	2020	Volume free strain energy density method for applications to blunt V-notches	24523216	Procedia Structural Integrity	28		0	2	1	0	2
2349	2020	Model-based fuzzy control results for networked control systems	26835894	Reports in Mechanical Engineering	1	1	0	22	17	14	26

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2350	2020	Local and global effects in steel buildings frames due to blast load	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2020-Aug	1.2	0	0	0	1	0
2351	2020	The effect of crack insertion for FDM printed PLA materials on Mode I and Mode II fracture toughness	24523216	Procedia Structural Integrity	28		0	6	12	7	12
2352	2020	Model-Free Control of Finger Dynamics in Prosthetic Hand Myoelectric-based Control Systems	12201766	Studies in Informatics and Control	29	4	0	15	10	9	2
2353	2020	Optimization of dissipative replaceable link frames by elastic high strength steel coupling beams	23119020	Proceedings of the International Conference on Structural Dynamic Eurodyn	2		0	0	2	0	0
2354	2020	Seismic vulnerability assessment of a romanian historical masonry building under near-source earthquake	23119020	Proceedings of the International Conference on Structural Dynamic Eurodyn	2		0	2	2	1	0
2355	2020	Applying Six Sigma Methodology in the Automotive Industry	21987246	Springer Proceedings in Business and Economics			1	0	0	0	0
2356	2020	Electrochemical Evaluation of Niobium Corrosion Resistance in Simulated Anodic PEM Electrolyzer Environment	14523981	International Journal of Electrochemical Science	15	11	0	0	3	3	9
2357	2020	How can agility sustain a change of mindset in education?	20488637	Proceedings of the European Conference on E Learning Ecel	2020-October		0	0	0	0	2
2358	2020	Environmentally-Friendly Metrics for Evaluating the Performance of Deep Learning Models and Systems	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	12534 LNCS		0	1	2	2	5
2359	2020	Optimal Huygens' Metasurface for Wireless Power Transfer Efficiency Improvement	21693536	IEEE Access	8		0	0	3	0	1
2360	2020	Palladium recovery by adsorption on aluminum hydroxide	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	82	4	0	0	0	0	0
2361	2020	Robust Control of Unknown Observable Nonlinear Systems Solved as a Zero-Sum Game	21693536	IEEE Access	8		0	7	10	8	8

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2362	2020	Admissibility and general dichotomies for evolution families	14173875	Electronic Journal of Qualitative Theory of Differential Equations	2020	58	0	0	0	2	1
2363	2020	Influence of the magnetic nanoparticle coating on the magnetic relaxation time	21904286	Beilstein Journal of Nanotechnology	11		0	0	4	2	4
2364	2020	The data structures for e-learning (Dsel) platform	2066026X	Elearning and Software for Education Conference			1	0	0	0	0
2365	2020	Romanian educational system response during the covid-19 pandemic	2066026X	Elearning and Software for Education Conference			0	4	2	3	0
2366	2020	Chdh-pnpla3 geneâ€‘gene interactions predict insulin resistance in children with obesity	11787007	Diabetes Metabolic Syndrome and Obesity	13		0	0	0	1	0
2367	2020	Changes and challenges of human systems management during and after the pandemic	1672533	Human Systems Management	39	4	0	1	3	1	2
2368	2020	Occupational health and safety division of responsibility: A conceptual model for the implementation of the OHSAS 18001:2007 standard	1672533	Human Systems Management	39	4	0	2	3	1	1
2369	2020	V/f with Stabilizing Loops and MTPA versus Sensorless FOC for PMSM Drives	15325008	Electric Power Components and Systems	48	11	0	4	1	3	0
2370	2020	Integrated empirical-mechanical seismic vulnerability analysis method for masonry buildings in timiÈ™oara: Validation based on the 2009 italian earthquake	18741495	Open Civil Engineering Journal	14	1	0	6	3	1	2
2371	2020	Thermosensitive betulinic acid-loaded magnetoliposomes: A promising antitumor potential for highly aggressive human breast adenocarcinoma cells under hyperthermic conditions	11769114	International Journal of Nanomedicine	15		3	12	19	7	15
2372	2020	Removal of repetitive magnetic interferences upon unshielded fetal magnetocardiograms	12211451	Romanian Reports in Physics	72	3	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2373	2020	Hyperparameter Tuning Using Automated Methods to Improve Models for Predicting Student Success	18650929	Communications in Computer and Information Science	1283 CCIS		0	1	2	0	2
2374	2020	A Novel Edge Detection Operator for Identifying Buildings in Augmented Reality Applications	18650929	Communications in Computer and Information Science	1283 CCIS		0	5	2	2	3
2375	2020	Standardised Questionnaires in Usability Evaluation. Applying Standardised Usability Questionnaires in Digital Products Evaluation	18650929	Communications in Computer and Information Science	1283 CCIS		0	3	1	2	3
2376	2020	Report on ICT in education in Romania	21964963	Lecture Notes in Educational Technology			0	0	1	1	0
2377	2020	Solving a modified syndrome decoding problem using integer programming	18419836	International Journal of Computers Communications and Control	15	5	0	1	2	0	1
2378	2020	Least Squares Differential Quadrature Method for the Generalized Bagley-Torvik Fractional Differential Equation	1024123X	Mathematical Problems in Engineering	2020		0	0	3	0	0
2379	2020	Bending behavior of AM50 Magnesium alloy under static and dynamic loading	24523216	Procedia Structural Integrity	26		0	0	0	1	0
2380	2020	Effect of manufacturing parameters on tensile properties of FDM printed specimens	24523216	Procedia Structural Integrity	26		2	13	29	24	33
2381	2020	Custom dilated edge detection filters	12136972	Journal of Wscg	2020	2020	0	5	3	1	1
2382	2020	Effective wavelet algorithm for an automatic detection of atrial fibrillation	15827445	Advances in Electrical and Computer Engineering	20	3	0	0	2	0	0
2383	2020	Novel planar parallel manipulator using geared slider-crank with linear actuation as connection kinematic chain	22110984	Mechanisms and Machine Science	89		0	1	3	0	0
2384	2020	Step-Down Switched-Inductor Hybrid DC-DC Converter for Small Power Wind Energy Conversion Systems with Hybrid Storage	21693536	IEEE Access	8		1	2	4	7	7
2385	2020	Evaluation of the Virtual Mobility Learning Hub	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	12205 LNCS		0	2	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2386	2020	Discrete-time rule-based time optimal controller	14548658	Control Engineering and Applied Informatics	22	2	0	0	0	1	0
2387	2020	PRESTvO: PRivacy Enabled Smartphone Based Access to Vehicle On-Board Units	21693536	IEEE Access	8		0	2	2	3	3
2388	2020	Multivariate statistical research in areas of the cast hyper-eutectoid steel roll manufacturing, in the melting and alloying processing stages	17858860	Acta Polytechnica Hungarica	17	6	0	2	0	0	0
2389	2020	Evaluating interactivity in VR healthcare applications using analytics	9269630	Studies in Health Technology and Informatics	272		0	0	0	0	0
2390	2020	A 3D surface fitting layout for complex networks visualization	9269630	Studies in Health Technology and Informatics	272		1	0	0	0	0
2391	2020	Cross-correlation based automated segmentation of audio samples	9269630	Studies in Health Technology and Informatics	272		2	0	0	0	0
2392	2020	A study of fabrication methods of aluminum based composites focused on stir casting process	22147853	Materials Today Proceedings	27		7	10	14	14	17
2393	2020	Case Study about Smart Integrated Utilities for Smart Cities		Sami 2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics Proceedings			0	1	0	0	1
2394	2020	Digital Imaging Processing and Reconstruction for General Applications		Sami 2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics Proceedings			0	1	0	1	0
2395	2020	Grey wolf optimizer-based approaches to path planning and fuzzy logic-based tracking control for mobile robots	18419836	International Journal of Computers Communications and Control	15	3	7	9	11	5	8
2396	2020	LoRaWAN Based Real-Time Air Quality Monitoring System		Sami 2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics Proceedings			0	1	1	1	2
2397	2020	Reconstruction of Industrial Parts by using 3D Scanning Techniques		Sami 2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics Proceedings			0	1	0	0	0
2398	2020	Study on the deformability characteristics of steels for seamless tubes and pipes destined for the petrochemical industry	17858860	Acta Polytechnica Hungarica	17	5	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2399	2020	Evaluating and prioritizing municipal solid waste management-related factors in Romania using fuzzy AHP and TOPSIS	10641246	Journal of Intelligent and Fuzzy Systems	38	5	0	0	1	2	3
2400	2020	A study of advancement in application opportunities of aluminum metal matrix composites	22147853	Materials Today Proceedings	26		4	22	28	46	56
2401	2020	Low-temperature hydrothermal synthesis of hierarchical flower-like Cu ₂ O ₄ superstructures	18206131	Processing and Application of Ceramics	14	2	0	1	0	1	2
2402	2020	Aspects concerning the management of groundwater in the farau area în alba county, Romania	13115065	Journal of Environmental Protection and Ecology	21	2	0	0	0	1	0
2403	2020	Model setup for a waste incineration landfill disposal	13115065	Journal of Environmental Protection and Ecology	21	2	0	1	0	0	0
2404	2020	Practical reliability assessment for internet of things by means of monte carlo simulation	13115065	Journal of Environmental Protection and Ecology	21	2	0	0	0	1	0
2405	2020	Potential assessment of using biomass for sustainable development. A case study for romania	13115065	Journal of Environmental Protection and Ecology	21	2	0	1	0	1	0
2406	2020	Graphical programming environment for performing physical experiments	20750161	International Journal of Modern Education and Computer Science	12	1	0	0	0	0	0
2407	2020	Improving runtime performance and energy consumption through balanced data locality with NUMA-BTLP and NUMA-BTDM static algorithms for thread classification and thread type-aware mapping	17427185	International Journal of Computational Science and Engineering	22	02-Mar	0	1	0	0	0
2408	2020	Influence of landfill methane emissions on environment în Distribution modelling and assessment	12247154	Studia Universitatis Babes Bolyai Chemia	65	1	0	0	0	1	0
2409	2020	Enzymatic degradation of azo dyes using peroxidase immobilized onto commercial carriers with epoxy groups	12247154	Studia Universitatis Babes Bolyai Chemia	65	1	0	0	0	0	3
2410	2020	Open Educational Resources in Romania	21964963	Lecture Notes in Educational Technology			2	1	2	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2411	2020	Day and Night-Time Dehazing by Local Airlight Estimation	10577149	IEEE Transactions on Image Processing	29		3	16	31	16	10
2412	2020	Assisting Radiologists in X-Ray Diagnostics	18678211	Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering Lnicst	314 LNICST		0	0	1	1	0
2413	2020	TIDAL-CAN: Differential Timing Based Intrusion Detection and Localization for Controller Area Network	21693536	IEEE Access	8		1	6	6	11	3
2414	2020	TI-RADS diagnostic performance: Which algorithm is superior and how elastography and 4D vascularity improve the malignancy risk assessment	20754418	Diagnostics	10	4	0	8	2	5	2
2415	2020	Output, uncertainty and fuel prices in the EU countries	0424267X	Economic Computation and Economic Cybernetics Studies and Research	54	1	1	0	2	0	1
2416	2020	Integrating Adversary Models and Intrusion Detection Systems for In-vehicle Networks in CANoe	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	12001 LNCS		0	1	1	0	1
2417	2020	Design and novel control solution for a modular mechatronic demonstrator with video feedback used in research and education	0277786X	Proceedings of SPIE the International Society for Optical Engineering	11433		0	0	0	0	1
2418	2020	Real-time identification of animals found in domestic areas of Europe	0277786X	Proceedings of SPIE the International Society for Optical Engineering	11433		1	0	0	0	0
2419	2020	Novel Scanning Characterization Approaches for the Accurate Understanding and Successful Treatment of Oral and Maxillofacial Pathologies	1610457	Scanning	2020		0	2	0	0	0
2420	2020	Water quality monitoring sensors optimum location in a metropolitan supply network	347752	Revista De Chimie	71	1	0	0	1	1	0
2421	2020	Small scale determinations for biogas production using anaerobic fermentation - 2L batch scenarios	347752	Revista De Chimie	71	1	2	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2422	2020	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s_{NN}}=8.16$ TeV p+Pb collisions with the ATLAS detector	14346044	European Physical Journal C	80	1	2	8	2	4	12
2423	2020	Complex Networks Antifragility under Sustained Edge Attack-Repair Mechanisms	22138684	Springer Proceedings in Complexity			0	0	0	1	0
2424	2020	Color Channel Compensation (3C): A Fundamental Pre-Processing Step for Image Enhancement	10577149	IEEE Transactions on Image Processing	29		6	14	31	29	43
2425	2020	Health-related electromagnetic field assessment in the proximity of high voltage power equipment	20763417	Applied Sciences Switzerland	10	1	1	4	1	1	1
2426	2020	Induced seismic-site effects on the vulnerability assessment of a historical centre in the molise Region of Italy: Analysis method and real behaviour calibration based on 2002 earthquake	20763263	Geosciences Switzerland	10	1	5	5	8	5	4
2427	2020	Timely-automatic procedure for estimating the endocardial limits of the left ventricle assessed echocardiographically in clinical practice	20754418	Diagnostics	10	1	1	0	0	0	0
2428	2020	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $\sqrt{s}=8$ and $13\sqrt{s}$ TeV	14346044	European Physical Journal C	80	1	1	7	0	2	3
2429	2020	Secure accelerometer-based pairing of mobile devices in multi-modal transport	21693536	IEEE Access	8		1	2	5	5	0
2430	2020	Measurement of J/ψ production in association with a $W \pm$ boson with pp data at 8 TeV	10298479	Journal of High Energy Physics	2020	1	4	4	2	2	0
2431	2020	Performance of electron and photon triggers in ATLAS during LHC Run 2	14346044	European Physical Journal C	80	1	17	34	27	75	70
2432	2020	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2020	1	8	7	9	9	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2433	2020	Analysis of printed circuit boards strains using finite element analysis and digital image correlation	19718993	Frattura Ed Integrita Strutturale	14	51	0	0	3	1	2
2434	2020	Modeling and performance analysis of subcritical and supercritical coal-fired power plants with biomass co-firing and CO2 capture	1618954X	Clean Technologies and Environmental Policy	22	1	1	2	7	5	4
2435	2020	Welding technologies for built-up cold-formed steel beams: Experimental investigations		Proceedings of the 9th International Conference on Advances in Steel Structures Iclass 2018			0	0	1	1	1
2436	2020	Empirical evidence of extreme dependence and contagion risk between main cryptocurrencies	10629408	North American Journal of Economics and Finance	51		2	9	10	10	16
2437	2020	Eu(III) removal by tetrabutylammonium di-hydrogen phosphate (TBAH2P) functionalized polymers	18785352	Arabian Journal of Chemistry	13	1	1	1	2	4	0
2438	2020	Feature ranking based on weights estimated by multiobjective optimization		Mccsis 2007 Iadis Multi Conference on Computer Science and Information Systems Proceedings of Wireless Applications and Computing 2007 Telecommunications Networks and Systems 2007 and Data Mining 2007			0	0	0	2	0
2439	2019	A review of the recent developments in integrating machine learning models with sensor devices in the smart buildings sector with a view to attaining enhanced sensing, energy efficiency, and optimal building management	19961073	Energies	12	24	4	11	5	6	5
2440	2019	Measurement of angular and momentum distributions of charged particles within and around jets in Pb+Pb and pp collisions at sNN =5.02 TeV with the ATLAS detector	24699985	Physical Review C	100	6	3	10	3	6	6

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
2441	2019	Cu(I) coordination complex precursor for randomized cuox microarray loaded on carbon nanofiber with excellent electrocatalytic performance for electrochemical glucose detection	14248220	Sensors Switzerland	19	24	0	2	3	2	2
2442	2019	Measurements of top-quark pair differential and double-differential cross-sections in the $\gamma\gamma$ +jets channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector	14346044	European Physical Journal C	79	12	10	14	15	22	18
2443	2019	Search for bottom-squark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum	10298479	Journal of High Energy Physics	2019	12	4	11	9	11	5
2444	2019	Measurement of K_S^0 and $\bar{t}t$ production in $tt\bar{t}$ dileptonic events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	14346044	European Physical Journal C	79	12	5	0	0	1	3
2445	2019	Results and challenges of artificial neural networks used for decision-making and control in medical applications	3542025	Facta Universitatis Series Mechanical Engineering	17	3	24	17	42	20	5
2446	2019	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector	14346044	European Physical Journal C	79	12	6	15	10	11	7
2447	2019	Agent-based simulations of payoff distribution in economic networks	18695450	Social Network Analysis and Mining	9	1	0	0	0	1	0
2448	2019	Ag ₂ CrO ₄ for photocatalytic applications: High performance of crystals designed by autogenous pressure	10445803	Materials Characterization	158		0	0	4	1	0
2449	2019	Size-effect independence of particleboard fracture toughness	2638223	Composite Structures	229		2	6	1	6	1
2450	2019	Finding key classes in object-oriented software systems by techniques based on static analysis	9505849	Information and Software Technology	116		3	4	5	6	7

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2451	2019	Gold (III) adsorption from dilute waste solutions onto Amberlite XAD7 resin modified with L-glutamic acid	20452322	Scientific Reports	9	1	5	9	9	7	6
2452	2019	Single and simultaneous adsorption of methyl orange and phenol onto magnetic iron oxide/carbon nanocomposites	18785352	Arabian Journal of Chemistry	12	8	8	18	15	16	13
2453	2019	Accommodating time-triggered authentication to FlexRay demands		ACM International Conference Proceeding Series			0	1	0	0	0
2454	2019	Identity-based key exchange on in-vehicle networks: CAN-FD & flexray	14248220	Sensors Switzerland	19	22	1	2	5	5	5
2455	2019	Network motifs uncovering hidden characteristics of urban public transportation		Informatics 2019 IEEE 15th International Scientific Conference on Informatics Proceedings			0	0	2	2	1
2456	2019	Study about the Reconstruction of Parts for Automotive Electronics by using 3D Scanning Techniques		Eleco 2019 11th International Conference on Electrical and Electronics Engineering			0	0	0	0	0
2457	2019	Performance evaluation of in silico predictors for the classification of clinvar variants		2019 7th E Health and Bioengineering Conference Ehb 2019			0	0	0	0	0
2458	2019	Analysis on emotion detection and recognition methods using facial microexpressions. a review		2019 7th E Health and Bioengineering Conference Ehb 2019			0	0	1	3	3
2459	2019	Choosing between artificial neural networks and bayesian inference in stroke risk prediction		2019 7th E Health and Bioengineering Conference Ehb 2019			0	0	2	0	2
2460	2019	Determining splicing signal variation in humans by analyzing the regulatory splicing motifs		2019 7th E Health and Bioengineering Conference Ehb 2019			1	0	0	0	0
2461	2019	Variance Analysis of Signals from Four Electrode Electrochemical Sensors		27th Telecommunications Forum Telfor 2019			0	1	0	0	1
2462	2019	Measurement of the top-quark mass in $t\bar{t} + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV	10298479	Journal of High Energy Physics	2019	11	14	7	9	12	6

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2463	2019	ATLAS b-jet identification performance and efficiency measurement with tt $\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	79	11	33	46	41	77	66
2464	2019	Sustainable development model for the automotive industry	20711050	Sustainability Switzerland	11	22	4	1	8	8	6
2465	2019	Correlations between process parameters and outcome properties of laser-sintered polyamide	20734360	Polymers	11	11	7	10	9	4	11
2466	2019	A novel passive method to control the Swirling Flow with Vortex Rope from the conical diffuser of hydraulic turbines with fixed blades	20763417	Applied Sciences Switzerland	9	22	1	5	6	8	6
2467	2019	A student smart parking solution using raspberry pi	22783075	International Journal of Innovative Technology and Exploring Engineering	9	1	1	0	0	0	1
2468	2019	Measurement of W $\pm$ boson production in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector	14346044	European Physical Journal C	79	11	3	11	3	8	5
2469	2019	Measurement of W $\pm$ -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector	14346044	European Physical Journal C	79	11	2	4	2	5	3
2470	2019	Single nucleotide polymorphisms in PEMT and MTHFR genes are associated with omega 3 and 6 fatty acid levels in the red blood cells of children with obesity	20726643	Nutrients	11	11	2	3	1	0	4
2471	2019	Study on the formation of CoCr2O4/SiO2 nanocomposite obtained from Co(II) carboxylate and ammonium dichromate	13886150	Journal of Thermal Analysis and Calorimetry	138	3	1	0	0	1	1
2472	2019	Thermoanalytical investigations of some ceramics dated from the Neolithic period, discovered at Oxenbricel, Săcnandrei, Romania	13886150	Journal of Thermal Analysis and Calorimetry	138	3	1	1	1	2	0
2473	2019	Preformulation studies for atorvastatin calcium: An instrumental approach	13886150	Journal of Thermal Analysis and Calorimetry	138	4	2	2	1	1	2

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2474	2019	Preparation and characterization of CuCr2O4/SiO2 and Cu2Cr2O4/SiO2 nanocomposites obtained from carboxylate complex combinations	13886150	Journal of Thermal Analysis and Calorimetry	138	3	1	0	0	0	0
2475	2019	TG-DTA and FTIR analyses of roman and later historic mortars from Drobeta-Turnu Severin region	13886150	Journal of Thermal Analysis and Calorimetry	138	3	2	1	1	1	0
2476	2019	Test case selection-prioritization approach based on memoization dynamic programming algorithm	9505849	Information and Software Technology	115		3	4	5	2	2
2477	2019	Timeâ€‘frequency relationship between US inflation and inflation uncertainty: evidence from historical data	369292	Scottish Journal of Political Economy	66	5	4	0	2	0	1
2478	2019	Novel fluorescent pH sensor based on 5-(4-carboxy-phenyl)-10,15,20-tris(phenyl)-porphyrin	18785352	Arabian Journal of Chemistry	12	7	2	3	4	2	2
2479	2019	Design for manufacturing using TEBIS CAM software for milling processing	17578981	Iop Conference Series Materials Science and Engineering	564	1	0	0	0	0	0
2480	2019	Using CAM software to improve productivity	17578981	Iop Conference Series Materials Science and Engineering	564	1	0	0	0	0	1
2481	2019	Enzymatic synthesis of short-chain flavor esters from natural sources using tailored magnetic biocatalysts	3088146	Food Chemistry	296		2	5	4	4	8
2482	2019	Processing epidemiological data using dynamic mode decomposition method	0094243X	Aip Conference Proceedings	2164		1	2	3	5	1
2483	2019	Comparative Seismic Assessment Methods for Masonry Building Aggregates: A Case Study	22973362	Frontiers in Built Environment	5		3	7	5	10	6
2484	2019	Observation of Electroweak Production of a Same-Sign W Boson Pair in Association with Two Jets in pp Collisions at s =13 TeV with the ATLAS Detector	319007	Physical Review Letters	123	16	17	23	11	13	9
2485	2019	Model free control of a 2DOF robotic arm using video feedback		2019 6th International Symposium on Electrical and Electronics Engineering Iseee 2019			0	1	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2486	2019	Electromagnetic energy harvester		Siitme 2019 2019 IEEE 25th International Symposium for Design and Technology in Electronic Packaging Proceedings			0	2	0	1	0		
2487	2019	Aspects Regarding Radiated Emissions Produced by a Head Up Display		Siitme 2019 2019 IEEE 25th International Symposium for Design and Technology in Electronic Packaging Proceedings			1	0	0	0	0		
2488	2019	Interlaboratory Comparison of Conducted Emissions in Automotive EMC		Siitme 2019 2019 IEEE 25th International Symposium for Design and Technology in Electronic Packaging Proceedings			0	1	1	1	0		
2489	2019	Setup for Piezoelectric Energy Harvesting System		Siitme 2019 2019 IEEE 25th International Symposium for Design and Technology in Electronic Packaging Proceedings			0	0	1	0	1		
2490	2019	On the Influence of Delay Spread in TDL and CDL Channel Models for Downlink 5G MIMO Systems		2019 IEEE 10th Annual Ubiquitous Computing Electronics and Mobile Communication Conference Uemcon 2019			1	4	1	4	1		
2491	2019	Design and optimization of an axial expansion turbine for energy recovery		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	0	0	0	1		
2492	2019	A study on hierarchical clustering and the distance metrics for identifying architectural styles		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	0	3	2	1		
2493	2019	Energy optimization on a wind power system operating at variable wind speeds		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			1	0	0	0	0		
2494	2019	Magnetorheological fluids flow modelling used in a magnetorheological brake configuration		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			1	1	1	0	1		
2495	2019	Efficiency of an aerobic bioreactor for glycopolymer biodegradation		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	1	0	0	0		
2496	2019	Comparative analysis of vienna interleaved three-phase power factor correction rectifier over other ultra-efficient topologies		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	1	0	2	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2497	2019	'MODGREW' intelligent green walls for public areas		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	0	1	1	0		
2498	2019	Numerical analysis of pulsating water jet method for mitigating the vortex rope		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	1	3	0	1		
2499	2019	Hybrid adaptive balancing capacitive compensator for three-phase four wires networks harmonically polluted		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			1	1	0	0	0		
2500	2019	Greenhouse gas emissions, investment and prices in the EU electricity and gas industry		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	0	2	1	0		
2501	2019	Measurements of electromagnetic field in high voltage power stations		Proceedings of 2019 International Conference on Energy and Environment Ciem 2019			0	0	0	0	1		
2502	2019	5G Heterogeneous Networks: An Overview on Radio Resource Management Scheduling Schemes		7th Mediterranean Congress of Telecommunications 2019 Cmt 2019			0	5	9	5	2		
2503	2019	Secure V2V Communication with Identity-based Cryptography from License Plate Recognition		2019 6th International Conference on Internet of Things Systems Management and Security Iotsms 2019			0	2	0	2	1		
2504	2019	A Novel Buck-Boost Converter with Two Independently Controlled Switches		2019 20th International Symposium on Power Electronics Ee 2019			0	0	0	0	0		
2505	2019	Experimental Research on Electrocoagulation for Wastewater Treatment		2019 20th International Symposium on Power Electronics Ee 2019			0	0	1	0	1		
2506	2019	Tensor product-based model transformation and sliding mode control of electromagnetic actuated clutch system	1062922X	Conference Proceedings IEEE International Conference on Systems Man and Cybernetics	2019-October		5	0	2	0	0		
2507	2019	Model-free adaptive control with fuzzy component for tower crane systems	1062922X	Conference Proceedings IEEE International Conference on Systems Man and Cybernetics	2019-October		2	4	7	6	3		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2508	2019	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector	10298479	Journal of High Energy Physics	2019	10	17	25	32	25	21
2509	2019	Reference images generation for automotive regression testing		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			0	2	0	1	0
2510	2019	A hierarchical learning control framework for tracking tasks, based on model-free principles		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			0	0	0	0	1
2511	2019	DeMetrA - Decentralized metering with user anonymity and layered privacy on blockchain		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			0	1	0	1	0
2512	2019	Image processing algorithm for appearance-based gesture recognition		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			2	1	2	1	0
2513	2019	Message processing-based steganographic algorithm using karhunen-lo�ve transform		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			0	1	1	1	0
2514	2019	Named entity recognition for the contraindication and dosing sections of patient information leaflets with CRFClassifier tools		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			0	0	2	1	1
2515	2019	TP-based fuzzy control solutions for magnetic levitation systems		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			0	0	0	1	0
2516	2019	A qualitative analysis on force directed network visualization tools in the context of large complex networks		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			2	0	1	2	0
2517	2019	Designing E-learning content using AGLOs		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			2	1	1	0	0
2518	2019	Static coverage path planning for UAVs with conical field of view when monitoring rectangular ground areas		2019 23rd International Conference on System Theory Control and Computing Icstcc 2019 Proceedings			0	1	1	2	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2519	2019	Exploring the time-frequency connectedness and network among crude oil and agriculture commodities V1	1409883	Energy Economics	84		5	18	23	23	29
2520	2019	Measurement of the inclusive isolated-photon cross section in pp collisions at $\sqrt{s} = 13$ TeV using 36 fb ⁻¹ of ATLAS data	10298479	Journal of High Energy Physics	2019	10	1	3	2	6	2
2521	2019	Measurement of fiducial and differential W+W-production cross-sections at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	79	10	15	14	5	13	17
2522	2019	Measurement of ZZ production in the $\gamma\gamma$, γZ , $Z\gamma$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV	10298479	Journal of High Energy Physics	2019	10	4	6	3	4	4
2523	2019	Synthesis of mgfe layered double hydroxide from iron-containing acidic residual solution and its adsorption performance	20734352	Crystals	9	10	3	5	3	4	2
2524	2019	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13 TeV	14346044	European Physical Journal C	79	10	10	9	4	5	7
2525	2019	Fiber-reinforced polymer composites: Manufacturing, properties, and applications	20734360	Polymers	11	10	69	176	264	240	315
2526	2019	Cryptographic considerations for automation and SCADA systems using trusted platform modules	14248220	Sensors Switzerland	19	19	0	5	6	5	3
2527	2019	Considerations about the signal level measurement in wireless sensor networks for node position estimation	14248220	Sensors Switzerland	19	19	2	6	2	2	3
2528	2019	FDI, income, and environmental pollution in Latin America: Replication and extension using panel quantiles regression analysis	1409883	Energy Economics	84		10	13	22	16	27

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2529	2019	Towards mixed criticality task scheduling in cyber physical systems: Challenges and perspectives	1641212	Journal of Systems and Software	156		4	6	7	6	2	
2530	2019	Impact modelling for progressive collapse assessment of selective rack systems	2638231	Thin Walled Structures	143		1	2	2	1	3	
2531	2019	Engineering prediction of fatigue strength for AM50 magnesium alloys	1421123	International Journal of Fatigue	127		10	5	11	3	4	
2532	2019	Characterisation of Beam-to-column Steel-concrete Composite Joints Beyond Current Eurocode Provisions	23520124	Structures	21		1	1	1	1	2	
2533	2019	Investigation of the p-type dye-sensitized solar cell based on full Cu2O electrodes	9258388	Journal of Alloys and Compounds	802		4	5	10	8	6	
2534	2019	Search for a heavy charged boson in events with a charged lepton and missing transverse momentum from pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	100	5	14	20	20	22	21	
2535	2019	Properties of jet fragmentation using charged particles measured with the ATLAS detector in pp collisions at s =13 TeV	24700010	Physical Review D	100	5	2	3	5	9	10	
2536	2019	Closure Solutions for a Non-Compliant Landfill: Case Study from Para Non-Compliant Landfill, Timi County, Romania	17578981	Iop Conference Series Materials Science and Engineering	603	4	0	0	0	0	1	
2537	2019	Self-assembled zinc oxide hierarchical structures with enhanced antibacterial properties from stacked chain-like zinc oxalate compounds	219797	Journal of Colloid and Interface Science	552		4	1	2	1	1	
2538	2019	Dijet azimuthal correlations and conditional yields in pp and p+Pb collisions at sNN=5.02TeV with the ATLAS detector	24699985	Physical Review C	100	3	6	4	5	5	2	
2539	2019	Environmental tendencies in modular green installations	15526100	Journal of Green Building	14	4	0	0	1	2	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2540	2019	Evaluation of image dehazing techniques based on a realistic benchmark	13342630	Proceedings Elmar International Symposium Electronics in Marine	2019-September		0	1	1	0	1
2541	2019	ATS-PCB: An effective automated testing system for advanced driver assistance systems	13342630	Proceedings Elmar International Symposium Electronics in Marine	2019-September		0	0	1	0	0
2542	2019	Dense-Haze: A Benchmark for Image Dehazing with Dense-Haze and Haze-Free Images	15224880	Proceedings International Conference on Image Processing Icip	2019-September		12	28	43	74	97
2543	2019	Image Decolorization Based on Information Theory	15224880	Proceedings International Conference on Image Processing Icip	2019-September		0	2	2	2	3
2544	2019	Voltage and Power Balancing in Solar and Energy Storage Converters		2019 IEEE Energy Conversion Congress and Exposition Ecce 2019			1	1	1	3	0
2545	2019	Bidirectional hybrid switched-inductor switched-capacitor converter topology with high voltage gain		2019 21st European Conference on Power Electronics and Applications EPE 2019 Ecce Europe			0	4	0	4	3
2546	2019	Decarbonization of Low Power Applications through Methanation Facilities Integration		Proceedings of 2019 IEEE Pes Innovative Smart Grid Technologies Europe Isgt Europe 2019			1	8	0	0	1
2547	2019	Fast Taylor Weighted Least Squares Algorithm for Synchrophasor Estimation		5th International Forum on Research and Technologies for Society and Industry Innovation to Shape the Future Rtsi 2019 Proceedings			0	1	0	1	1
2548	2019	Computer based algorithm for optimizing design and construction of large transport infrastructure objectives		4th International Conference on Intelligent Transportation Engineering Icite 2019			0	0	0	1	0
2549	2019	The influence of the electronic components located on the front end of RKE receivers for passenger cars		4th International Conference on Intelligent Transportation Engineering Icite 2019			0	0	1	0	0
2550	2019	Application of a near field method to reducing conducted emissions		Proceedings of the 2019 21st International Conference on Electromagnetics in Advanced Applications Iceaa 2019			1	0	0	0	0
2551	2019	PLC commanded intelligent logistics model based on discrete event systems		4th International Conference on Intelligent Transportation Engineering Icite 2019			1	0	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2552	2019	Interlaboratory Comparison of Radiated Immunity in Automotive EMC		EMC Europe 2019 2019 International Symposium on Electromagnetic Compatibility			1	3	1	0	1	
2553	2019	Designing a MSP430 Bootloader	18037232	International Conference on Applied Electronics	2019-September		1	0	0	2	1	
2554	2019	Search for diboson resonances in hadronic final states in 139 fb ⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	9	12	9	10	5	3	
2555	2019	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment at the LHC	14346044	European Physical Journal C	79	9	3	1	1	2	2	
2556	2019	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	14346044	European Physical Journal C	79	9	4	9	9	7	9	
2557	2019	Reaction of 1-propanol with ozone in aqueous media	16616596	International Journal of Molecular Sciences	20	17	0	2	2	1	2	
2558	2019	Does the U.S. economic policy uncertainty connect financial markets? Evidence from oil and commodity currencies	1409883	Energy Economics	83		8	25	23	30	38	
2559	2019	Biodegradation studies on new glycopolymers derived from oligomeric D-mannose itaconates and 2-hydroxypropyl acrylate	1413910	Polymer Degradation and Stability	167		1	1	1	0	0	
2560	2019	Comparative fragility methods for seismic assessment of masonry buildings located in Muccia (Italy)	23527102	Journal of Building Engineering	25		22	24	17	17	16	
2561	2019	Aminophosphonic groups grafted onto the structure of macroporous styrene-divinylbenzene copolymer: preparation and studies on the antimicrobial effect	1700839	Polymer Bulletin	76	9	1	2	2	2	1	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2562	2019	A novel methodology for improving election poll prediction using time-aware polling		Proceedings of the 2019 IEEE ACM International Conference on Advances in Social Networks Analysis and Mining Asonam 2019			1	0	0	0	0		
2563	2019	Performance evaluation of elliptic curve libraries on automotive-grade microcontrollers		ACM International Conference Proceeding Series			1	3	1	1	1		
2564	2019	Search for electroweak diboson production in association with a high-mass dijet system in semileptonic final states in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	100	3	6	8	6	6	3		
2565	2019	A review of the Europe indicators on climate change - Industry, innovation and infrastructure	22747214	Matec Web of Conferences	290		0	1	1	1	0		
2566	2019	A comparison study of the Romanian occupational safety and health strategy with other European countries' strategy	22747214	Matec Web of Conferences	290		0	1	0	0	0		
2567	2019	Education for sustainable development	22747214	Matec Web of Conferences	290		0	1	2	1	3		
2568	2019	OSH - Sustainability connection: Innovation, education, and benefits	22747214	Matec Web of Conferences	290		0	1	1	0	0		
2569	2019	The EFMI working group “Healthcare Informatics for Interregional Cooperation”•An evolving strategy for building cooperation bridges	9269630	Studies in Health Technology and Informatics	264		0	0	2	0	4		
2570	2019	Improving the prescription process information support with structured medical prospectuses using neural networks	9269630	Studies in Health Technology and Informatics	264		0	0	1	2	1		
2571	2019	Enhancement of Cavitation Erosion Resistance of Cast Iron with TIG Remelted Surface	10735623	Metallurgical and Materials Transactions A Physical Metallurgy and Materials Science	50	8	0	4	2	1	3		
2572	2019	Measured and calculated energy saving on ventilation of a residential building equipped with ground-air heat exchanger	25550403	E3s Web of Conferences	111		0	0	2	1	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2573	2019	Building energy modelling for the energy performance analysis of a hospital building in various locations	25550403	E3s Web of Conferences	111		1	0	0	1	3		
2574	2019	Heat transfer vs environmental impact of modern faÅşade systems	25550403	E3s Web of Conferences	111		0	0	1	0	0		
2575	2019	Calibration of a building energy model using operation conditions derived from monitoring	25550403	E3s Web of Conferences	111		0	0	0	0	0		
2576	2019	Supervisory Control of Discrete Event Systems in Manufacturing Industry		Proceedings 2019 2nd International Conference of Intelligent Robotic and Control Engineering Irce 2019			0	1	1	0	0		
2577	2019	10MW, 10rpm, 10Hz directly-driven cage rotor induction generator (CRIG): Preliminary design with key FEM validations		Proceedings 2019 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2019 and 2019 International Conference on Optimization of Electrical and Electronic Equipment Optim 2019			1	1	0	0	1		
2578	2019	A Bidirectional Hybrid Switched-Capacitor DC-DC Converter with a High Voltage Gain		Proceedings 2019 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2019 and 2019 International Conference on Optimization of Electrical and Electronic Equipment Optim 2019			0	2	1	1	0		
2579	2019	Large variable speed generators design and their control: A revisit in 2019		Proceedings 2019 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2019 and 2019 International Conference on Optimization of Electrical and Electronic Equipment Optim 2019			0	1	0	0	0		
2580	2019	A novel approach to PLCs based systems utilized in electric drives		Proceedings 2019 International Aegean Conference on Electrical Machines and Power Electronics Acemp 2019 and 2019 International Conference on Optimization of Electrical and Electronic Equipment Optim 2019			1	0	1	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2581	2019	Reliability Assessment of Flooded Min-Sum LDPC Decoders Based on Sub-Threshold Processing Units		Proceedings Euromicro Conference on Digital System Design Dsd 2019			0	0	2	0	1
2582	2019	Configurable Hardware Accelerator Architecture for a Takagi-Sugeno Fuzzy Controller		Proceedings Euromicro Conference on Digital System Design Dsd 2019			2	0	1	0	0
2583	2019	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	79	8	23	24	17	40	28
2584	2019	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	8	9	4	6	7	7
2585	2019	Erratum: Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector (Journal of High Energy Physics, (2017), 2017, 9, (84), 10.1007/JHEP09(2017)084)	10298479	Journal of High Energy Physics	2019	8	2	0	0	0	1
2586	2019	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	14346044	European Physical Journal C	79	8	2	4	1	2	1
2587	2019	Observation of Light-by-Light Scattering in Ultraperipheral Pb+Pb Collisions with the ATLAS Detector	319007	Physical Review Letters	123	5	20	41	14	26	28
2588	2019	Search for chargino and neutralino production in final states with a Higgs boson and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	100	1	14	13	7	11	7

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2589	2019	Hydrothermal synthesis of 3D hierarchical flower-like CuGaO ₂ with high surface area for dye-sensitised solar cell	17500443	Micro and Nano Letters	14	8	0	0	2	0	2
2590	2019	Chaotic behavior of an integrable deformation of a nonlinear monetary system	0094243X	Aip Conference Proceedings	2116		0	0	0	0	2
2591	2019	3D modelling of cultural heritage objective in Timisoara using precise LiDAR	0094243X	Aip Conference Proceedings	2116		0	0	0	0	2
2592	2019	Optimal homotopy asymptotic method for polytropic spheres of the Lane-Emden type equation	0094243X	Aip Conference Proceedings	2116		6	0	5	4	5
2593	2019	Approximate solutions of the nonlinear standard Lane-Emden equation using the LSDQ method	0094243X	Aip Conference Proceedings	2116		1	0	0	0	0
2594	2019	Comparison of Fragmentation Functions for Jets Dominated by Light Quarks and Gluons from pp and Pb+Pb Collisions in ATLAS	319007	Physical Review Letters	123	4	6	12	7	13	9
2595	2019	A study of boundedness in fuzzy normed linear spaces	20738994	Symmetry	11	7	3	2	2	1	1
2596	2019	Parametric analysis of a dual band polarized frequency selective surface		2019 IEEE International Symposium on Antennas and Propagation and Usnc Ursi Radio Science Meeting Apsursi 2019 Proceedings			0	1	0	0	0
2597	2019	A Log-Likelihood Ratio based Generalized Belief Propagation		Eurocon 2019 18th International Conference on Smart Technologies			0	1	2	0	0
2598	2019	Detecting Road Irregularities by Image Enhancements and Thresholding		Eurocon 2019 18th International Conference on Smart Technologies			0	2	0	0	0
2599	2019	Very Fast Prediction of MMF Harmonics Content in Multiphase Electrical Machines		Eurocon 2019 18th International Conference on Smart Technologies			1	0	0	1	0
2600	2019	Modified H-LSM for urban MAGLEVs		2019 12th International Symposium on Linear Drives for Industry Applications Ldia 2019			1	1	0	3	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2601	2019	Blended learning with MOOCS in technical higher education		Proceedings IEEE 19th International Conference on Advanced Learning Technologies IcaIt 2019			3	0	0	0	0		
2602	2019	Integrating open technologies in the virtual mobility learning hub		Proceedings IEEE 19th International Conference on Advanced Learning Technologies IcaIt 2019			1	0	0	2	0		
2603	2019	Multiple lane road car-following model using Bayesian reasoning for lane change behavior estimation: A smart approach for smart mobility		ACM International Conference Proceeding Series			0	0	1	0	0		
2604	2019	Energy efficiency at wind power systems operating at time varying wind speed		Proceedings of 2019 International Conference of Computer Science and Renewable Energies Iccsre 2019			2	1	0	1	0		
2605	2019	Estimate's statistics in the performance evaluation of extended object tracker		Isscs 2019 International Symposium on Signals Circuits and Systems			1	0	0	0	0		
2606	2019	Markov model for HF spectrum occupancy		Isscs 2019 International Symposium on Signals Circuits and Systems			1	0	0	2	1		
2607	2019	Performance evaluation of TDL channels for downlink 5G MIMO systems		Isscs 2019 International Symposium on Signals Circuits and Systems			0	0	2	3	6		
2608	2019	Fractal based frequency selective surface with broadband characteristics		Isscs 2019 International Symposium on Signals Circuits and Systems			1	0	0	0	1		
2609	2019	Investigations on repeatability of radiated emissions testing for frequencies below 30 MHz		Isscs 2019 International Symposium on Signals Circuits and Systems			0	0	0	0	0		
2610	2019	Parameterized value iteration for output reference model tracking of a high order nonlinear aerodynamic system—		27th Mediterranean Conference on Control and Automation MED 2019 Proceedings			0	0	0	0	0		
2611	2019	Deep neural networks vs bag of features for hand gesture recognition		2019 42nd International Conference on Telecommunications and Signal Processing Tsp 2019			1	1	1	0	0		
2612	2019	A bag of features approach for CEUS liver lesions investigation		2019 42nd International Conference on Telecommunications and Signal Processing Tsp 2019			1	1	3	2	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2613	2019	Search for scalar resonances decaying into $\ell\ell + \ell\ell + \gamma$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	7	6	9	4	6	4		
2614	2019	The interaction between trade and FDI: The CEECs experience	16124804	International Economics and Economic Policy	16	3	0	1	2	2	0		
2615	2019	Combustion synthesis of Fe ₃ O ₄ /Ag/C nanocomposite and application for dyes removal from multicomponent systems	1694332	Applied Surface Science	481		8	8	7	8	9		
2616	2019	Seismic vulnerability assessment for the historical areas of the Timisoara city, Romania	13506307	Engineering Failure Analysis	101		13	12	14	18	13		
2617	2019	Synthesis, characterization and rare earth elements adsorption properties of phosphonate metal organic frameworks	1694332	Applied Surface Science	481		4	7	4	1	3		
2618	2019	Method to model the spinal column shape	17578981	Iop Conference Series Materials Science and Engineering	514	1	0	0	0	1	0		
2619	2019	Collapse and failure of ancient agricultural stone terraces: On-site geomorphic processes, pedogenic mechanisms, and soil quality	167061	Geoderma	344		4	7	2	6	5		
2620	2019	Compressive properties of zinc syntactic foams at elevated temperatures	13598368	Composites Part B Engineering	167		23	21	12	18	10		
2621	2019	Combination of Searches for Invisible Higgs Boson Decays with the ATLAS Experiment	319007	Physical Review Letters	122	23	30	43	38	18	3		
2622	2019	Modelling radiation damage to pixel sensors in the ATLAS detector	17480221	Journal of Instrumentation	14	6	4	2	1	1	5		
2623	2019	Evolving Fuzzy and Neural Network Models of Finger Dynamics for Prosthetic Hand Myoelectric-based Control		Proceedings of the 11th International Conference on Electronics Computers and Artificial Intelligence Ecai 2019			2	3	0	0	0		
2624	2019	NTIRE 2019 image dehazing challenge report	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2019-June		6	10	6	14	10		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2625	2019	Learning output reference model tracking for higher-order nonlinear systems with unknown dynamics	19994893	Algorithms	12	6	6	0	1	0	1
2626	2019	Study about the active/reactive power balance of a 110/6 kV transformer		2019 Electric Power Quality and Supply Reliability Conference and 2019 Symposium on Electrical Engineering and Mechatronics Pq and Seem 2019			0	0	0	1	0
2627	2019	Application of a probabilistic model to high frequency spectrum occupancy		2019 15th International Conference on Engineering of Modern Electric Systems Emes 2019			0	1	0	1	0
2628	2019	VSOMEIP - OPC UA Gateway Solution for the Automotive Industry		Proceedings 2019 IEEE International Conference on Engineering Technology and Innovation ICE Itmc 2019			3	7	2	1	1
2629	2019	Evolving fuzzy models for prosthetic hand myoelectric-based control using weighted recursive least squares algorithm for identification		IEEE International Symposium on Robotic and Sensors Environments Rose 2019 Proceedings			2	6	2	2	0
2630	2019	A survey of distance metrics in clustering data mining techniques		ACM International Conference Proceeding Series			1	1	2	2	2
2631	2019	Smart solutions for adaptive workplaces. Architectural and technological applications		Proceedings 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2019			0	0	0	1	0
2632	2019	Smart Responsive Green Walls for Public Transportation Areas in Timisoara		Proceedings 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2019			0	0	0	0	2
2633	2019	Identifying data dependencies as first step to obtain a proactive Historian: Test scenario in the water industry 4.0	20734441	Water Switzerland	11	6	6	3	3	1	1
2634	2019	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2019	6	19	23	13	12	9

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2635	2019	Measurement of W±Z production cross sections and gauge boson polarisation in pp collisions at √s=13TeV with the ATLAS detector	14346044	European Physical Journal C	79	6	13	22	11	22	26	
2636	2019	Search for long-lived neutral particles in pp collisions at √s=13TeV that decay into displaced hadronic jets in the ATLAS calorimeter	14346044	European Physical Journal C	79	6	19	16	12	5	3	
2637	2019	Numerical Study on Ultimate Deformation and Resistance Capacity of Bolted T-Stub Connection	15982351	International Journal of Steel Structures	19	3	2	5	2	2	4	
2638	2019	Application of the optimal auxiliary functions method to a permanent magnet synchronous generator	15651339	International Journal of Nonlinear Sciences and Numerical Simulation	20	03-Apr	1	5	4	1	3	
2639	2019	Crack initiation angles and propagation paths in polyurethane foams under mixed modes I/II and I/III loading	1678442	Theoretical and Applied Fracture Mechanics	101		26	11	20	13	13	
2640	2019	Failure analysis of church towers and roof structures due to high wind velocities	13506307	Engineering Failure Analysis	100		1	2	3	4	0	
2641	2019	Design and Control for Linear Machines, Drives, and MAGLEVs - Part III	2780046	IEEE Transactions on Industrial Electronics	66	6	0	0	1	0	0	
2642	2019	The micro-foundations of an open economy money demand: An application to central and eastern European countries	1640704	Journal of Macroeconomics	60		2	1	0	2	1	
2643	2019	Time-frequency co-movements between the largest nonferrous metal futures markets	3014207	Resources Policy	61		0	4	5	5	2	
2644	2019	Zinc recovery from waste zinc ash - A new "green" route for the preparation of Zn-Al layered double hydroxide used for molybdate retention	9258388	Journal of Alloys and Compounds	787		1	3	4	2	6	
2645	2019	CAD based design of a high energy absorption metal oxide varistor	17426588	Journal of Physics Conference Series	1195	1	0	1	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2646	2019	Search for heavy charged long-lived particles in the ATLAS detector in 36.1 fb ⁻¹ of proton-proton collision data at s = 13 TeV	24700010	Physical Review D	99	9	23	21	28	12	13
2647	2019	Search for top-quark decays t → Hq with 36 fb ⁻¹ of pp collision data at s = 13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	5	8	8	5	8	5
2648	2019	Numerical study of the behavior of magnesium alloy AM50 in tensile and torsional loadings	9391533	Archive of Applied Mechanics	89	5	3	3	1	1	0
2649	2019	Speed and Acceleration Control of BLDC Drives Using Different Types of Observers		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0
2650	2019	About MPPT used in Wind and Photovoltaic Energy Systems		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0
2651	2019	Comparison of Machine Learning Algorithms for Shelter Animal Classification		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	1	0
2652	2019	Arduino mobile robot with Myo Armband gesture control		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	2	0
2653	2019	On the design of a myoelectric human-machine interface for the control of an industrial robot		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	2	2
2654	2019	Hand Mobility Recovery Through Game Controlled by Gestures		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	2	0	1
2655	2019	Issues Regarding the Optimum Tilt Angle of Solar Applications in Western Romania		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0
2656	2019	Power Control of a Variable-Pitch Hydrokinetic Turbine		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2657	2019	Medical Predictions: Naive Bayes Classifier vs Artificial Neural Networks		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0		
2658	2019	On the Generation of Random Data for Auto-Generative Learning Objects		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0		
2659	2019	Cascade Control Solutions for Level Control of Vertical Three Tank Systems		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	2	0	1		
2660	2019	Analyzing information from versioning systems to detect logical dependencies in software systems		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	1		
2661	2019	Intelligent Lighting System Platform Architecture and Linear Process Models		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	0	1	0	0		
2662	2019	Implementing a Platform to Run Clustering Algorithms Using Distributed Computing		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	0	0		
2663	2019	The Optimization of a Page Rank Based Key Classes Classifier using Simulated Annealing with ROC-AUC and Recall Metrics		Saci 2019 IEEE 13th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	1		
2664	2019	Accuracy analysis of an enhanced frequency-domain linear least-squares algorithm		I2mtc 2019 2019 IEEE International Instrumentation and Measurement Technology Conference Proceedings	2019-May		0	0	1	0	0		
2665	2019	Linear oscillatory PMSM drives: A revisit in 2019		2019 IEEE International Electric Machines and Drives Conference Iemdc 2019			1	0	4	0	2		
2666	2019	Analytical model for the electrodynamical forces inside electrical contacts of commutation devices		Proceedings of the 2019 20th International Scientific Conference on Electric Power Engineering EPE 2019			0	0	1	0	1		
2667	2019	Magnetic field assessment in the proximity of high voltage power station equipment		Proceedings of the 2019 20th International Scientific Conference on Electric Power Engineering EPE 2019			0	1	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2668	2019	Numeric Simulator for the Analysis of Transients due to Fault in Electric Networks		Proceedings of 2019 8th International Conference on Modern Power Systems Mps 2019			0	2	0	1	0	
2669	2019	A Numerical Analysis of the Harmonic Impedance in a Medium Voltage AC Network		Proceedings of 2019 8th International Conference on Modern Power Systems Mps 2019			0	1	0	0	0	
2670	2019	Honeypot inside an opc ua wrapper for water pumping stations		Proceedings 2019 22nd International Conference on Control Systems and Computer Science Cscs 2019			0	1	0	0	2	
2671	2019	Automatic mapping of a room using lidar-based measuring sensor		Proceedings 2019 22nd International Conference on Control Systems and Computer Science Cscs 2019			0	0	0	0	1	
2672	2019	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector	10298479	Journal of High Energy Physics	2019	5	15	20	14	7	12	
2673	2019	Data-driven model-free tracking reinforcement learning control with VRFT-based Adaptive Actor-Critic	20763417	Applied Sciences Switzerland	9	9	10	10	8	5	7	
2674	2019	Considerations regarding the design of a minimum variance control system for an induction generator	20799292	Electronics Switzerland	8	5	2	2	0	0	0	
2675	2019	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13$ TeV	10298479	Journal of High Energy Physics	2019	5	10	6	9	9	9	
2676	2019	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	5	13	6	13	5	5	
2677	2019	Measurement of $VH, H \rightarrow b \bar{b}$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2019	5	7	4	3	2	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2678	2019	Combinations of single-top-quark production cross-section measurements and $ f_{LV} V_{tb} $ determinations at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS experiments	10298479	Journal of High Energy Physics	2019	5	6	5	3	5	4
2679	2019	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	5	6	5	8	4	5
2680	2019	Removal of cadmium from aqueous solutions using inorganic porous nanocomposites	2561115	Korean Journal of Chemical Engineering	36	5	2	4	6	7	2
2681	2019	Measurements of inclusive and differential fiducial cross-sections of $t\bar{t}\tilde{\chi}^0_1$ production in leptonic final states at $\sqrt{s}=13$ TeV in ATLAS	14346044	European Physical Journal C	79	5	8	8	4	8	4
2682	2019	Erratum to: Measurements of W and Z boson production in pp collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector (The European Physical Journal C, (2019), 79, 2, (128), 10.1140/epjc/s10052-019-6622-x)	14346044	European Physical Journal C	79	5	1	2	1	1	0
2683	2019	Performance of top-quark and W -boson tagging with ATLAS in Run 2 of the LHC	14346044	European Physical Journal C	79	5	13	11	18	14	16
2684	2019	Reusability of components from single-storey steel-framed buildings	18670520	Steel Construction	12	2	1	1	0	3	7
2685	2019	Oleic acid double coated Fe ₃ O ₄ nanoparticles as anti-melanoma compounds with a complex mechanism of activity-in vitro and in ovo assessment	15507033	Journal of Biomedical Nanotechnology	15	5	6	5	3	1	1
2686	2019	Measurement of the $t\bar{t}\tilde{Z}$ and $t\bar{t}\tilde{W}$ cross sections in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	99	7	19	22	12	23	12

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2687	2019	Combination of data-driven active disturbance rejection and Takagi-Sugeno fuzzy control with experimental validation on tower crane systems	19961073	Energies	12	8	13	10	11	6	6
2688	2019	Search for the Production of a Long-Lived Neutral Particle Decaying within the ATLAS Hadronic Calorimeter in Association with a Z Boson from pp Collisions at $\sqrt{s}=13$ TeV	319007	Physical Review Letters	122	15	5	4	4	2	2
2689	2019	Woldâ€™SĂ,ociĂ„ski decompositions for commuting isometric triples	0022247X	Journal of Mathematical Analysis and Applications	472	2	0	0	1	1	0
2690	2019	Cross-section measurements of the Higgs boson decaying into a pair of $\tilde{l}, -$ leptons in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	99	7	27	23	25	13	12
2691	2019	Prevention of deficit in neuropsychiatric disorders through monitoring of arsenic and its derivatives as well as through bioinformatics and cheminformatics	16616596	International Journal of Molecular Sciences	20	8	0	2	2	5	1
2692	2019	Tensor Product-Based Model Transformation Technique Applied to Modeling Magnetic Levitation Systems		Ines 2019 IEEE 23rd International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	1
2693	2019	Analyzing learning outcomes for electronic fundamentals using bloom's taxonomy	21659559	IEEE Global Engineering Education Conference Educon	Apr-19		3	2	6	4	3
2694	2019	Polynomial Least Squares Method for fractional Lane-Emden equations	20738994	Symmetry	11	4	2	1	6	3	0
2695	2019	A sensor network approach for violence detection in smart cities using deep learning	14248220	Sensors Switzerland	19	7	9	5	11	12	9
2696	2019	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s}=13$ and 8 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	4	1	2	2	2	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2697	2019	Study of the rare decays of Bs0 and B0 mesons into muon pairs using data collected during 2015 and 2016 with the ATLAS detector	10298479	Journal of High Energy Physics	2019	4	21	32	25	32	16	
2698	2019	Search for Higgs boson pair production in the $b\bar{b} \rightarrow WW^*$ decay mode at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	4	18	10	11	9	8	
2699	2019	Measurements of inclusive and differential fiducial cross-sections of $t\bar{t} \rightarrow b\bar{b}$ production with additional heavy-flavour jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	4	8	6	8	10	11	
2700	2019	Synthesis, characterization and adsorptive performances of a composite material based on carbon and iron oxide particles	16616596	International Journal of Molecular Sciences	20	7	1	2	2	2	0	
2701	2019	Measurement of the top quark mass in the $t\bar{t} \rightarrow \ell^+ \ell^-$ lepton+jets channel from $\sqrt{s}=8$ TeV ATLAS data and combination with previous results	14346044	European Physical Journal C	79	4	18	15	11	19	15	
2702	2019	Influence of the noise on DFT-based sine-wave frequency and amplitude estimators	2632241	Measurement Journal of the International Measurement Confederation	137		3	1	1	4	2	
2703	2019	Layered LDPC Decoders with Efficient Memory Access Scheduling and Mapping and Built-In Support for Pipeline Hazards Mitigation	15498328	IEEE Transactions on Circuits and Systems I Regular Papers	66	4	3	7	4	3	4	
2704	2019	Efficient Intrusion Detection with Bloom Filtering in Controller Area Networks	15566013	IEEE Transactions on Information Forensics and Security	14	4	11	21	14	24	13	
2705	2019	A domain decomposition non-intrusive reduced order model for turbulent flows	457930	Computers and Fluids	182		9	6	11	7	9	
2706	2019	A benchmark test case for swirling flows: Design of the swirl apparatus, experimental data, and numerical challenges	17551307	Iop Conference Series Earth and Environmental Science	240	7	0	2	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
2707	2019	Francis turbine with tandem runners: A proof of concept	17551307	Iop Conference Series Earth and Environmental Science	240	2	3	2	2	1	1
2708	2019	Experimental and numerical analysis of decelerated swirling flow from the discharge cone of hydraulic turbines using pulsating jet technique	17551307	Iop Conference Series Earth and Environmental Science	240	2	1	1	0	1	0
2709	2019	Failure analysis of the rainwater axial pumps installed in a wastewater pumping station	17551307	Iop Conference Series Earth and Environmental Science	240	3	0	0	0	1	0
2710	2019	Experimental analysis of a pump equipped with an axial rotor with variable speed	17551307	Iop Conference Series Earth and Environmental Science	240	3	0	0	1	0	0
2711	2019	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data	17480221	Journal of Instrumentation	14	3	17	7	4	12	13
2712	2019	A surjection problem leading to the Ax-Grothendieck theorem	36811	Applicable Analysis	98	4	1	0	0	0	0
2713	2019	Search for Higgs boson decays into a pair of light bosons in the $b\bar{b}\gamma\gamma$ final state in pp collision at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	790		12	11	8	6	5
2714	2019	Enhanced electrochemical response of diclofenac at a fullerene-carbon nanofiber paste electrode	14248220	Sensors Switzerland	19	6	3	5	12	1	5
2715	2019	Analyze and Actions to Increase the Quality in STEM Higher Education		2019 9th IEEE Integrated Stem Education Conference Isec 2019			0	0	0	1	0
2716	2019	Does Creating Shared Projects in Virtual Reality Capture Students' Interest in Technology? An International Project in STEM Education		2019 9th IEEE Integrated Stem Education Conference Isec 2019			1	4	2	1	2
2717	2019	Assessing the accuracy of digital surface models derived from optical imagery acquired with unmanned aerial systems	2504446X	Drones	3	1	12	11	2	8	9

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2718	2019	The Design of a Test Stand for the Shape Memory Alloys Control at High Current and Low Voltage		2019 11th International Symposium on Advanced Topics in Electrical Engineering Atee 2019			0	1	2	2	0	
2719	2019	Biopolymers - Carbon sources for composite materials used as adsorbents for As (V)	255289	Materiale Plastice	56	1	0	0	0	0	1	
2720	2019	Simulation of thermal transfer through the polyamide intake manifold	255289	Materiale Plastice	56	1	1	2	0	1	0	
2721	2019	A surjectivity problem for 3 by 3 matrices	18463886	Operators and Matrices	13	1	1	1	0	0	0	
2722	2019	Determining multi-layer perceptron structure using clustering techniques	9740635	International Journal of Artificial Intelligence	17	1	1	0	1	0	0	
2723	2019	Search for long-lived particles produced in pp collisions at s =13 TeV that decay into displaced hadronic jets in the ATLAS muon spectrometer	24700010	Physical Review D	99	5	21	14	11	6	5	
2724	2019	Search for heavy long-lived multicharged particles in proton-proton collisions at s =13 TeV using the ATLAS detector	24700010	Physical Review D	99	5	4	4	5	4	2	
2725	2019	Properties of g → b b at small opening angles in pp collisions with the ATLAS detector at √s=13 TeV	24700010	Physical Review D	99	5	2	1	4	3	1	
2726	2019	Search for four-top-quark production in the single-lepton and opposite-sign dilepton final states in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	99	5	11	7	9	5	3	
2727	2019	Engineering Risk of Series Production in Automotive Industry	22990461	Management Systems in Production Engineering	27	1	1	3	0	0	3	
2728	2019	From the complex process of gold ions recovery in new antimicrobial product	347752	Revista De Chimie	70	3	0	0	0	0	1	
2729	2019	Influence of manufacturing parameters on mechanical properties of porous materials by selective laser sintering	19961944	Materials	12	6	9	17	14	13	11	
2730	2019	Analysis of the wind system operation in the optimal energetic area at variable wind speed over time	20711050	Sustainability Switzerland	11	5	8	0	4	4	3	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2731	2019	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016	14346044	European Physical Journal C	79	3	14	8	4	16	8
2732	2019	New polymeric adsorbent materials used for removal of phenolic derivatives from wastewaters	334545	Pure and Applied Chemistry	91	3	2	1	7	5	2
2733	2019	On the Lă̂ž -Uniqueness of Dynamical Systems with Small Random Perturbation	14226383	Results in Mathematics	74	1	0	0	0	0	1
2734	2019	MicroRNAs mediate liver transcriptome changes upon soy diet intervention in mice	15821838	Journal of Cellular and Molecular Medicine	23	3	0	3	0	2	0
2735	2019	Enzymatic synthesis and characterization of novel terpolymers from renewable sources	334545	Pure and Applied Chemistry	91	3	0	1	4	1	2
2736	2019	The impact of political, socio-economic and cultural factors on implementing environment friendly techniques for sustainable land management and climate change mitigation in Romania	489697	Science of the Total Environment	654		7	10	7	3	5
2737	2019	Amberlite XAD7 resin functionalized with crown ether and Fe(III) used for arsenic removal from water	334545	Pure and Applied Chemistry	91	3	1	2	0	2	1
2738	2019	Self-tuning strategy for a minimum variance control system of a highly disturbed process	9473580	European Journal of Control	46		4	4	1	1	0
2739	2019	Potential Results of Using Current Thermal Rehabilitation Techniques on a City Block of Timisoara and their Structural Strengthening Opportunities	17578981	Iop Conference Series Materials Science and Engineering	471	6	0	0	0	0	0
2740	2019	Composite Roofing of PIR Sandwich Panels: Numerical and Experimental Approach	17578981	Iop Conference Series Materials Science and Engineering	471	5	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2741	2019	Urban Landscape-Cubic Stone Streets in Historical Areas, Advantages and Disadvantages, Case Study Timisoara Versus Rome	17578981	Iop Conference Series Materials Science and Engineering	471	8	1	0	1	1	0
2742	2019	Advanced Hydroinformatic Tools for Modelling of Reservoirs Operation	17578981	Iop Conference Series Materials Science and Engineering	471	4	0	1	0	0	2
2743	2019	Architecture as "gesamtkunstwerk" - The Role of the Roof in Defining Architecture in the 19th and 20th Century in Timisoara	17578981	Iop Conference Series Materials Science and Engineering	471	7	0	1	0	0	1
2744	2019	Seismic Losses Scenario for Cultural Promenade in Timisoara Capital of Culture 2021, Romania	17578981	Iop Conference Series Materials Science and Engineering	471	10	1	0	0	0	0
2745	2019	Life Cycle Assessment of Retrofitting Large Prefabricated Panels Low-Rise Collective Dwellings	17578981	Iop Conference Series Materials Science and Engineering	471	11	0	0	2	1	0
2746	2019	Effects of Current Sunlight Exposure Regulations on New Housing	17578981	Iop Conference Series Materials Science and Engineering	471	8	0	0	0	0	0
2747	2019	Revitalization Proposals for Green Interior Courtyards in the Historical Centre of Timisoara	17578981	Iop Conference Series Materials Science and Engineering	471	8	0	0	0	0	1
2748	2019	Seismic Vulnerability Assessment and Loss Estimation of an Urban District of Timisoara	17578981	Iop Conference Series Materials Science and Engineering	471	10	4	4	0	3	1
2749	2019	Breach Forming Scenarios at Concrete Faced Rock-fill Dams	17578981	Iop Conference Series Materials Science and Engineering	471	10	0	0	0	1	1
2750	2019	Integrated energy efficient cooling solutions for large prefabricated panels collective dwellings from the 1970s	22671242	E3s Web of Conferences	85		0	0	1	0	1
2751	2019	Mathematical explanations of a paradox observed in a HVAC (high voltage alternating current) untransposed overhead line	19961073	Energies	12	4	0	0	1	0	0
2752	2019	Recycling of textile wastes into textile composites based on natural fibres: The valorisation potential	17578981	Iop Conference Series Materials Science and Engineering	477	1	2	3	7	5	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2753	2019	Modelling and simulation of the asymmetric rolling process - Establishing the optimal technology parameters to asymmetric rolling	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	2	2	0	1		
2754	2019	Connection time study for 400 kV circuit breakers with SF6	17578981	Iop Conference Series Materials Science and Engineering	477	1	1	0	0	0	0		
2755	2019	Hybrid power generator based on wind, hydro and solar for use as an alternative solution for power supply	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	0	1	0	0		
2756	2019	Researches for improving mechanical characteristics of high strength weld	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	1	0	0	0		
2757	2019	The Reverse Engineering technique performed on a Francis Runner Geometry through Photogrammetry	17578981	Iop Conference Series Materials Science and Engineering	477	1	2	0	0	1	1		
2758	2019	Evaluation of the brass CuZn39Pb3 resistance at vibratory cavitation erosion	17578981	Iop Conference Series Materials Science and Engineering	477	1	2	2	1	1	2		
2759	2019	Researches and studies regarding the casting of brake drums from cast iron	17578981	Iop Conference Series Materials Science and Engineering	477	1	1	1	0	0	0		
2760	2019	Comparative analysis of heat recovery methods from internal combustion engines	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	1	2	0	0		
2761	2019	Pulverous ferrous waste processing by agglomeration	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	0	0	0	0		
2762	2019	The dependence of ellipsometric parameters $\hat{\rho}$ and $\hat{\gamma}$ on refractive index of superficial film	17578981	Iop Conference Series Materials Science and Engineering	477	1	1	0	0	0	0		
2763	2019	Overview of the main topics in wind energy systems planning	17578981	Iop Conference Series Materials Science and Engineering	477	1	3	0	0	0	1		
2764	2019	Proportional regulator-based approach for a three-phase electric arc furnace	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	0	0	1	0		
2765	2019	Using LabVIEW Linx for Creating 3d Objects	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	0	0	1	0		
2766	2019	Friction and wear characteristic of organic brake pads material	17578981	Iop Conference Series Materials Science and Engineering	477	1	2	2	1	2	4		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
2767	2019	Recycling of textile wastes into textile composites based on natural fibres: The reinforcement type and the architecture	17578981	Iop Conference Series Materials Science and Engineering	477	1	2	0	5	3	0
2768	2019	Aluminium matrix composites: Processing of matrix from re-melted aluminium wastes in micro-melting station	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	1	1	2	2
2769	2019	Study on the quality of Boron micro-alloyed steels destined to applications in the automotive sector	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	0	1	0	0
2770	2019	Flash boiling steam engine	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	0	0	0	1
2771	2019	Optimal solution of the Guarini puzzle extension using tripartite graphs	17578981	Iop Conference Series Materials Science and Engineering	477	1	0	1	0	1	2
2772	2019	Admissible Banach function spaces for linear dynamics with nonuniform behavior on the half-line	371912	Semigroup Forum	98	1	5	0	1	1	0
2773	2019	Crashworthiness performance and microstructural characteristics of foam-filled thin-walled tubes under diverse strain rate	9258388	Journal of Alloys and Compounds	775		20	15	8	10	9
2774	2019	Flood risk assessment due to cyclone-induced dike breaching in coastal areas of Bangladesh	15618633	Natural Hazards and Earth System Sciences	19	2	4	6	3	6	3
2775	2019	Case study about the energy absorption capacity of metal oxide varistors with thermal coupling	19961073	Energies	12	3	3	4	3	3	0
2776	2019	The money demand and the loss of interest for the euro in Romania	13504851	Applied Economics Letters	26	3	0	0	0	0	0
2777	2019	Geo-hazard-based approach for the estimation of seismic vulnerability and damage scenarios of the old city of Senerchia (Avellino, Italy)	20763263	Geosciences Switzerland	9	2	12	9	6	8	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2778	2019	Cryogenic and high temperature compressive properties of Metal Foam Matrix Composites	2638223	Composite Structures	209		17	9	5	9	5
2779	2019	Manganese ferrite-polyaniline hybrid materials: Electrical and magnetic properties	2728842	Ceramics International	45	2	3	2	3	2	3
2780	2019	BiFeO ₃ -synthesis, characterization and its photocatalytic activity towards doxorubicin degradation from water	2728842	Ceramics International	45	2	10	7	8	5	4
2781	2019	Using web 2.0 technologies for teaching technical courses	0094243X	Aip Conference Proceedings	2071		2	2	0	0	1
2782	2019	Recombination and excitation of molecular cations with electrons: Application to H ²⁺ , BeD ⁺ and BeT ⁺	0094243X	Aip Conference Proceedings	2071		4	2	1	2	0
2783	2019	Multiscale Computing in Systems Medicine: A Brief Reflection		Proceedings 2018 IEEE International Conference on Bioinformatics and Biomedicine Bibm 2018			0	1	0	0	1
2784	2019	Hybrid design tools—image quality assessment of a digitally augmented blackboard integrated system	22279709	Informatics	6	1	0	0	0	1	0
2785	2019	The influence of geo-hazard effects on the physical vulnerability assessment of the built heritage: An application in a district of Naples	20755309	Buildings	9	1	9	5	8	10	6
2786	2019	A new hybrid inductor-based boost DC-DC converter suitable for applications in photovoltaic systems	19961073	Energies	12	2	4	7	6	2	0
2787	2019	Algorithm for Solving Economical and Environmental Dispatch Problems of Thermal Power Plants	17551307	Iop Conference Series Earth and Environmental Science	219	1	1	0	0	0	0
2788	2019	Search for light resonances decaying to boosted quark pairs and produced in association with a photon or a jet in proton—proton collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	788		10	6	6	4	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2789	2019	Effective Local Backscattering Estimation for Underwater Image Enhancement		Oceans 2018 Mts IEEE Charleston Ocean 2018			1	2	1	0	0
2790	2019	Generation Z and Social Media	18448933	Proceedings of the International Conference on Virtual Learning			0	0	0	0	1
2791	2019	REASSESSING ROMANIAN DAM SAFETY POLICIES WITHIN PREDICTED CLIMATE CHANGED CONDITIONS	25217119	Proceedings of the IAHR World Congress			0	0	0	0	0
2792	2019	A Training Needs Assessment for Teaching and Educating Sustainability	18436730	Balkan Region Conference on Engineering and Business Education	3	1	0	0	2	0	0
2793	2019	Polysaccharide-Based Ionic Polymer Metal Composite Actuators	16121317	Engineering Materials			0	1	0	0	0
2794	2019	Renewable energy systems with wind power		Power Electronics in Renewable Energy Systems and Smart Grid Technology and Applications			1	1	0	3	1
2795	2019	TRICKS - Time TRiggered Covert Key Sharing for Controller Area Networks	21693536	IEEE Access	7		0	2	1	3	1
2796	2019	Rheological properties of fresh and RAP bitumen blends with or without regenerating agent		Bituminous Mixtures and Pavements VII Proceedings of the 7th International Conference on Bituminous Mixtures and Pavements Iconfbmp 2019			0	1	2	0	3
2797	2019	Adaptation of a monument building for accessibility of disabled persons, a case study		Structures and Architecture Bridging the Gap and Crossing Borders Proceedings of the 4th International Conference on Structures and Architecture Icsa 2019			0	0	0	0	1
2798	2019	Energy efficiency study applied on a monumental buildin		Structures and Architecture Bridging the Gap and Crossing Borders Proceedings of the 4th International Conference on Structures and Architecture Icsa 2019			1	0	0	0	1
2799	2019	Study on contamination of snail soft tissues (Helix pomatia) with cadmium in Sibiu County, Romania	13115065	Journal of Environmental Protection and Ecology	20	2	0	0	0	1	0
2800	2019	Redesigning educational tools using auto-generative learning objects	2066026X	Elearning and Software for Education Conference			1	0	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2801	2019	IMPACT OF ENVIRONMENTAL FACTORS ON THE QUALITY OF SPRING WATER FROM ABRUD-CĂMPENI AREA, ALBA COUNTY, ROMANIA	22855718	Agrolife Scientific Journal	8	1	1	1	0	0	0
2802	2019	Obtaining of bulk amorphous steel with low carbon content using industrial ferroalloys	22147853	Materials Today Proceedings	19		1	0	0	1	0
2803	2019	Numerical investigation of built-up cold-formed steel beams with corrugated web		Sdss 2019 International Colloquium on Stability and Ductility of Steel Structures			0	0	0	1	0
2804	2019	Calibration of parameters of combined hardening model using tensile tests		Sdss 2019 International Colloquium on Stability and Ductility of Steel Structures			0	0	0	1	0
2805	2019	Built-up cold-formed steel beams with web openings		Sdss 2019 International Colloquium on Stability and Ductility of Steel Structures			0	0	0	1	0
2806	2019	Comparative results of milling strategies implementation	22147853	Materials Today Proceedings	12		0	0	0	1	0
2807	2019	Spatial data geoportal for local administration – Solution for smart cities	13115065	Journal of Environmental Protection and Ecology	20	3	1	0	0	0	0
2808	2019	Experimental biogas production from Cameroon lignocellulosic waste biomass	13115065	Journal of Environmental Protection and Ecology	20	3	0	0	2	2	0
2809	2019	γ ² -ketoester-functionalized magnetoactive electrospun polymer fibers as Eu(III) adsorbents	25233971	SN Applied Sciences	1	1	3	1	3	2	1
2810	2019	The use of biomass as a renewable energy source in a fluidized bed combustion plant	20652135	Bulletin of the Transilvania University of Brasov Series II Forestry Wood Industry Agricultural Food Engineering	12	2	0	0	1	0	3
2811	2019	Preliminary study on polymer degradation using an aerobic reactor	13115065	Journal of Environmental Protection and Ecology	20	4	0	1	0	0	0
2812	2019	Contribution of interharmonic component on the interpolated DFT frequency estimator		2019 Imeko Tc4 International Symposium Electrical and Electronic Measurements Promote Industry 4.0			1	0	0	0	0
2813	2019	Effect of some heat treatments on cavitation erosion resistance of the En AW - 6082 alloy		Metal 2019 28th International Conference on Metallurgy and Materials Conference Proceedings			1	0	1	3	1

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							2020	2021	2022	2023	2024		
2814	2019	TIG processing of Nimonic 80A alloy for enhanced cavitation erosion resistance		Metal 2019 28th International Conference on Metallurgy and Materials Conference Proceedings			1	0	0	1	0		
2815	2019	Cavitation resistant layers from stellite alloy deposited by TIG welding on duplex stainless steel		Metal 2019 28th International Conference on Metallurgy and Materials Conference Proceedings			1	0	0	0	1		
2816	2019	Effects of post weld heat treatment (PWHT) on mechanical properties and microstructure of EN AW-6082 T6 aluminum alloy		Metal 2019 28th International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0		
2817	2019	Calibration of parameters of combined hardening model using tensile tests		Stability and Ductility of Steel Structures Proceedings of the International Colloquia on Stability and Ductility of Steel Structures 2019			0	0	1	0	0		
2818	2019	Proposal for improving the consistency between eurocode 3-1-8 and eurocode 8-1		Stability and Ductility of Steel Structures Proceedings of the International Colloquia on Stability and Ductility of Steel Structures 2019			0	0	1	0	0		
2819	2019	Copper-modified boron-doped diamond (CU/BDD) electrode for the electrochemical detection of paclitaxel and oxaliplatin in aqueous solutions	347752	Revista De Chimie	70	12	1	0	0	3	1		
2820	2019	Influence of technological parameters on the emission on DLP 3D printing process	347752	Revista De Chimie	70	12	0	0	1	0	0		
2821	2019	Physico-chemical Parameters and Antioxidant Activity of Romanian Sea Buckthorn Berries	347752	Revista De Chimie	70	12	2	4	0	0	0		
2822	2019	Cyclophosphamide neutralization in wastewaters using an asymmetric current density electrochemical microreactor	347752	Revista De Chimie	70	12	0	0	1	0	0		
2823	2019	Combined Model-Free Adaptive Control with Fuzzy Component by Virtual Reference Feedback Tuning for Tower Crane Systems	18770509	Procedia Computer Science	162		32	22	28	9	10		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2824	2019	Copper based bulk metallic glasses for medical devices	255289	Materiale Plastice	56		1	0	0	0	0
2825	2019	Multi-criterial vulnerability assessment for timisoara city, romania		Structures and Architecture Bridging the Gap and Crossing Borders Proceedings of the 4th International Conference on Structures and Architecture Icsa 2019			2	0	0	0	0
2826	2019	The potential of using bio plastic materials in automotive applications	255289	Materiale Plastice	56		0	1	0	3	2
2827	2019	Soybean bioester obtained in a bubble column esterification reactor – A rheological study	12247154	Studia Universitatis Babes Bolyai Chemia	64	4	0	1	0	1	0
2828	2019	Composite materials fabricated of amorphous and nanocrystalline metallic powders	255289	Materiale Plastice	56		0	1	1	0	1
2829	2019	Applying semantic web technologies to discover an ontology of computer attacks	18951767	Scalable Computing	20	4	2	0	0	0	0
2830	2019	Glass fertilizers obtained using sewage sludge ash wastes	347752	Revista De Chimie	70	11	0	0	0	2	1
2831	2019	Studies on the effects of environmental pollution on ACSR conductors	347752	Revista De Chimie	70	11	0	0	1	1	0
2832	2019	Damage characterization in building structures due to blast actions	19930461	Jordan Journal of Civil Engineering	13	4	0	1	0	0	0
2833	2019	Results on tensor product-based model transformation of magnetic levitation systems	17858860	Acta Polytechnica Hungarica	16	9	7	14	7	3	3
2834	2019	Study on ageing of cobalt ferrite nanoparticles and their fate in the environment	1221146X	Romanian Journal of Physics	64	09-Oct	2	1	1	0	1
2835	2019	Investigation and analysis of the flow field induced by a symmetrical suction elbow at the pump inlet		ASME JSME KSME 2019 8th Joint Fluids Engineering Conference Ajkfluids 2019	3B-2019		0	0	0	1	1
2836	2019	Processing technology of fgmmcs from the AA6060/TiB2 system by centrifugal casting	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	81	4	0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2837	2019	Photocatalytical degradation of Congo red azo dye using phosphono-aminoacid-Cd(II) pendant groups grafted on a polymeric support	347752	Revista De Chimie	70	10	1	0	0	1	0
2838	2019	Effect of aluminum particles on the fracture toughness of polyamide-based parts obtained by selective laser sintering (SLS)	24523216	Procedia Structural Integrity	18		3	3	2	4	0
2839	2019	Experimental determination of strain distribution on printed circuit boards using digital image correlation	24523216	Procedia Structural Integrity	18		1	1	2	4	1
2840	2019	Research concerning the possibility of turning sterile soil into a fruitful one, by using sludge	347752	Revista De Chimie	70	9	0	1	1	0	0
2841	2019	Numerical investigation of built-up cold-formed steel beams connected by spot welding		20th Congress of IABSE New York City 2019 the Evolving Metropolis Report			0	0	1	0	0
2842	2019	Correction: Addendum: Mircea-bogdan radac and timotei lala. learning output reference model tracking for higher-order nonlinear systems with unknown dynamics. [Algorithms 12, 2019, 121] doi 10.3390/a12100212	19994893	Algorithms	12	10	1	0	0	0	0
2843	2019	Security for low-end automotive sensors: A tire-pressure and rain-light sensors case study		Peccs 2019 Proceedings of the 9th International Conference on Pervasive and Embedded Computing and Communication Systems			0	0	0	1	0
2844	2019	Statistical analysis of the relationship between antioxidant activity and the structure of flavonoid compounds	347752	Revista De Chimie	70	9	7	10	34	20	7
2845	2019	Evaluation of legislations from the perspective of organizational understanding to managing cybersecurity risk		Proceedings of the 33rd International Business Information Management Association Conference Ibima 2019 Education Excellence and Innovation Management Through Vision 2020			0	2	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2846	2019	Evaluation the importance of ISO standard management for sustainable development in the circular economy context		Proceedings of the 33rd International Business Information Management Association Conference Ibima 2019 Education Excellence and Innovation Management Through Vision 2020			0	0	0	1	0		
2847	2019	Comparative analysis of walnuts and peanuts oils	12247154	Studia Universitatis Babes Bolyai Chemia	64	3	0	1	1	0	1		
2848	2019	Expired drugs as inhibitors in electrochemical processes – a mini-review	12247154	Studia Universitatis Babes Bolyai Chemia	64	3	0	6	9	5	12		
2849	2019	Wear resistance under high load forces of four different polyethylene terephthalate glycol vacuum-formed orthodontic retainers	255289	Materiale Plastice	56	3	2	1	0	3	1		
2850	2019	Evaluation of the mechanical properties of the samples made by FDM 3D printing	255289	Materiale Plastice	56	3	0	0	0	0	1		
2851	2019	Carbon footprint of waste management in Romania in the context of circular economy	15829596	Environmental Engineering and Management Journal	18	6	1	1	2	1	0		
2852	2019	Ecological composites materials for brake pads using shells as filler material	255289	Materiale Plastice	56	3	0	1	2	1	0		
2853	2019	Spaces for interpretation of heritage in the achievements of Romanian architect ioana grigorescu	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	19	6.2	0	0	0	1	0		
2854	2019	MIMO fuzzy control solutions for the level control of vertical two tank systems		Icinco 2019 Proceedings of the 16th International Conference on Informatics in Control Automation and Robotics	1		4	0	1	0	1		
2855	2019	Applications of automated model's extraction in enterprise systems		Icsoft 2019 Proceedings of the 14th International Conference on Software Technologies			0	1	1	1	0		
2856	2019	State observers for mechatronics systems with rigid and flexible drive dynamics		Icinco 2019 Proceedings of the 16th International Conference on Informatics in Control Automation and Robotics	2		0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2857	2019	CarINA - Car Sharing with IdeNtity Based Access Control Re-enforced by TPM	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	11699 LNCS		0	1	1	3	1
2858	2019	Prediction of ADME-Tox properties and toxicological endpoints of triazole fungicides used for cereals protection	18487718	Admet and Dmpk	7	3	2	2	3	3	2
2859	2019	Modelling and simulation eutrophication of water rivers	347752	Revista De Chimie	70	8	0	0	1	1	0
2860	2019	Biodegradable oligoesters of Îµ-caprolactone and 5-hydroxymethyl-2-furancarboxylic acid synthesized by immobilized lipases	20734360	Polymers	11	9	5	6	3	2	7
2861	2019	Research on the influence of chemical composition on the hardness of cast iron	14542331	UPB Scientific Bulletin Series B Chemistry and Materials Science	81	3	0	0	0	1	0
2862	2019	The FEA study of the biomecanic behavior of canine reconstructed with composite resin	347752	Revista De Chimie	70	7	2	1	0	0	0
2863	2019	As(III) removal by dynamic adsorption onto amberlite XAD7 functionalized with crown ether and doped with Fe(III) ions	347752	Revista De Chimie	70	7	0	2	0	0	0
2864	2019	Compatibility studies of valsartan with different pharmaceutical excipients	347752	Revista De Chimie	70	7	0	1	1	0	0
2865	2019	Optimization of the activated carbon synthesis of peanut shells, applying surface methodology	22825819	European Biomass Conference and Exhibition Proceedings			0	1	1	0	0
2866	2019	Bioenergy in romania – a short overview of biomass and biogas-based plants	22825819	European Biomass Conference and Exhibition Proceedings			0	1	0	0	0
2867	2019	Digital Based Solutions for the Refurbishment of Existing Hydro-generators		Sami 2019 IEEE 17th World Symposium on Applied Machine Intelligence and Informatics Proceedings			1	0	0	0	0
2868	2019	Computer Based Analysis for the Parameters of a Distribution Transformer in a Non-Sinusoidal Regime		Sami 2019 IEEE 17th World Symposium on Applied Machine Intelligence and Informatics Proceedings			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2869	2019	A New Technical Solution for an Industrial 3D Safety Recognition System		Sami 2019 IEEE 17th World Symposium on Applied Machine Intelligence and Informatics Proceedings			0	1	0	0	0
2870	2019	Natural and anthropic soil acidification in the west of Romania	347752	Revista De Chimie	70	6	0	0	2	2	0
2871	2019	Renewable energy production potential by using from wastes generated in a pigs farm and slaughterhouse	347752	Revista De Chimie	70	6	0	0	0	0	1
2872	2019	Integrating sustainability and lean: SLIM method and enterprise game proposed	20711050	Sustainability Switzerland	11	7	2	5	5	3	0
2873	2019	Occupational accidents assessment by field of activity and investigation model for prevention and control	2313576X	Safety	5	1	6	5	7	6	10
2874	2019	Empirical voltage-current signatures for individual household consumers obtained by non-linear regression	12201766	Studies in Informatics and Control	28	2	2	0	1	0	0
2875	2019	Cover processing-based steganographic model with improved security	17858860	Acta Polytechnica Hungarica	16	1	0	2	0	1	0
2876	2019	Characteristics of thermally sprayed NiCrBSi coatings before and after electromagnetic induction remelting process	17858860	Acta Polytechnica Hungarica	16	3	0	1	1	1	3
2877	2019	Constructiv and technological consideration on the generation of gear made by the DLP 3D-printed methode	255289	Materiale Plastice	56	2	1	0	0	0	2
2878	2019	Using of polymers for rapid prototyping of an axial microturbine runner and wicked gates	255289	Materiale Plastice	56	2	0	2	0	1	0
2879	2019	Blade polymeric material study of a cross-flow water turbine runner	255289	Materiale Plastice	56	2	0	0	1	3	0
2880	2019	Eco-materials for arsenium and selenium removal from aqueous solutions	347752	Revista De Chimie	70	5	0	0	1	1	0
2881	2019	A Multi-Lingual Dictionary for Health Informatics as an International Cooperation Pillar	9269630	Studies in Health Technology and Informatics	262		1	0	2	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
2882	2019	Named Entity Recognition and Classification for Medical Prospectuses	9269630	Studies in Health Technology and Informatics	262		0	0	0	2	2
2883	2019	Enhancing Precision in Gesture Detection for Hand Recovery fter Injury Using Leap Motion and Machine Learning	9269630	Studies in Health Technology and Informatics	262		1	0	1	0	0
2884	2019	Rainwater propeller pumps structural integrity	17579864	International Journal of Structural Integrity	12	4	0	0	0	0	1
2885	2019	Frequency Selective Surface with Two Quasi-Independent Notch Frequencies	21693536	IEEE Access	7		3	1	2	0	1
2886	2019	Determining Optimal Multi-layer Perceptron Structure Using Linear Regression	18651348	Lecture Notes in Business Information Processing	353		0	0	3	0	0
2887	2019	Novel Actuation Design of an Active Elbow Orthosis	22110984	Mechanisms and Machine Science	73		1	0	1	0	0
2888	2019	Identifying logical dependencies from co-changing classes		Enase 2019 Proceedings of the 14th International Conference on Evaluation of Novel Approaches to Software Engineering			0	0	0	1	1
2889	2019	Manufacturing process monitoring in terms of energy management improving	18419836	International Journal of Computers Communications and Control	14	3	1	2	1	0	0
2890	2019	Using Sacrificial Cell Spheroids for the Bioprinting of Perfusable 3D Tissue and Organ Constructs: A Computational Study	1748670X	Computational and Mathematical Methods in Medicine	2019		1	5	4	1	2
2891	2019	Practical Security Exploits of the FlexRay In-Vehicle Communication Protocol	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	11391 LNCS		1	4	0	5	1
2892	2019	Developing the open virtual mobility learning hub	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	11475 LNCS		1	0	0	0	0
2893	2019	Comparison of the performance of friction pendulums with uniform and variable radii	23450533	Vibroengineering Procedia	23		3	2	1	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2894	2019	Dynamic modification of activation function using the backpropagation algorithm in the artificial neural networks	2158107X	International Journal of Advanced Computer Science and Applications	10	4	1	2	3	1	0
2895	2019	The rheological behavior of the mixtures of castor oil with adipic esters	12247154	Studia Universitatis Babes Bolyai Chemia	64	1	0	0	0	0	0
2896	2019	Failure analysis of a humeral shaft locking compression plate-surface investigation and simulation by finite element method	19961944	Materials	12	7	6	8	8	6	6
2897	2019	Fe3O4@C matrix with tailorable adsorption capacities for paracetamol and acetylsalicylic acid: Synthesis, characterization, and kinetic modeling	14203049	Molecules	24	9	4	3	6	3	5
2898	2019	Stability problems and analytical integration for the clebsch's system	23915455	Open Mathematics	17	1	0	0	1	0	0
2899	2019	INCANTA - INtrusion Detection in Controller Area Networks with Time-Covert Authentication	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	11552 LNCS		0	1	0	0	0
2900	2019	Environmental-and life cycle cost impact of reused steel structures: A case study		Life Cycle Analysis and Assessment in Civil Engineering Towards an Integrated Vision Proceedings of the 6th International Symposium on Life Cycle Civil Engineering Ialccce 2018			1	0	0	0	1
2901	2019	Spongy Diamond	22286489	Iranian Journal of Mathematical Chemistry	10	1	1	1	0	0	0
2902	2019	Dynamic response of a permanent magnet synchronous generator to a wind gust	19961073	Energies	12	5	17	16	9	5	3
2903	2019	Examining the use of neural networks for intrusion detection in controller area networks	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	11359 LNCS		1	3	1	1	3
2904	2019	Optimization of the activated carbon preparation from avocado seeds, using the response surface methodology	347752	Revista De Chimie	70	2	0	2	4	2	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
2905	2019	The glass ionomer cement reinforced with silver- premise in choosing the teeth proposed for orthodontic purpose extraction	347752	Revista De Chimie	70	1	0	1	0	1	0
2906	2019	Simple and combined acidic extraction of phosphorus from sewage sludge ash	347752	Revista De Chimie	70	1	2	0	0	0	1
2907	2019	Fixed point approach to the stability of generalized polynomials	15835022	Fixed Point Theory	20	1	0	0	0	2	0
2908	2019	Study of the hard double-parton scattering contribution to inclusive four-lepton production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	790		10	9	1	7	7
2909	2019	Search for pairs of highly collimated photon-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	99	1	6	5	1	3	1
2910	2019	Search for squarks and gluinos in final states with hadronically decaying $\tilde{l}_\mu$, -leptons, jets, and missing transverse momentum using pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	99	1	2	2	4	1	2
2911	2019	Search for pair production of Higgs bosons in the $b\bar{b} \rightarrow b\bar{b} \rightarrow b\bar{b}$ final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	1	28	19	20	19	12
2912	2019	Characterization of brazed joints by electrical resistance spot brazing with Ni-based amorphous self-flux alloys	15266125	Journal of Manufacturing Processes	37		1	3	5	0	3
2913	2019	Mechanical and fracture properties of particleboard	19718993	Frattura Ed Integrita Strutturale	13	47	0	3	1	0	0
2914	2019	Search for long-lived particles in final states with displaced dimuon vertices in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	99	1	9	8	9	7	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2915	2019	New technical parameters and operational improvements of the Metal Oxide Varistors manufacturing process	22279717	Processes	7	1	2	5	2	1	2
2916	2019	Experimental investigations of a MR clutch for a centrifugal pump	18698433	Advanced Structured Materials	98		0	1	0	0	0
2917	2019	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2019	1	13	11	13	9	12
2918	2019	Erratum to: Measurement of the W boson polarisation in $t\bar{t}\rightarrow W\gamma$ events from pp collisions at $\sqrt{s}=8$ TeV in the lepton $+W$ jets channel with ATLAS (The European Physical Journal C, (2017), 77, 4, (264), 10.1140/epjc/s10052-017-4819-4)	14346044	European Physical Journal C	79	1	1	0	0	1	1
2919	2019	A proposed inventory of sustainable development indicators for the manufacturing process assessment	15822559	Quality Access to Success	20		0	1	0	0	0
2920	2019	Synergies between lean and sustainability: A literature review of concepts and tools	15822559	Quality Access to Success	20		0	0	0	1	0
2921	2019	A propose approach for continuous improvement using ergonomics and quality management knowledge and methodologies	15822559	Quality Access to Success	20		0	0	0	1	0
2922	2019	Challenges and opportunities associated with waste recycling development in Romania	15822559	Quality Access to Success	20		0	1	0	0	0
2923	2019	Increasing the quality of occupational safety and health implementations through awareness training for those involved in implementing the safety observation report	15822559	Quality Access to Success	20		1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
2924	2019	A Drug Repurposing Method Based on Drug-Drug Interaction Networks and Using Energy Model Layouts	10643745	Methods in Molecular Biology	1903		2	2	5	2	0	
2925	2019	A current perspective on the accuracy of incoming solar energy forecasting	3601285	Progress in Energy and Combustion Science	70		24	26	26	38	47	
2926	2019	Sustaining the efficiency of the Fe(0)/H2O system for Cr(VI) removal by MnO2 amendment	456535	Chemosphere	214		5	10	6	4	4	
2927	2019	Effectiveness of physical exercises in the treatment of scoliosis - Mathematical approach	22110984	Mechanisms and Machine Science	65		0	0	1	0	0	
2928	2019	A comparative analysis of teaching MMS at Politehnica University of Timișoara and University of Cassino and South Latium	22110984	Mechanisms and Machine Science	64		0	2	0	0	0	
2929	2019	Possibilities of Using Fiber Reinforced Mortar and Textile Reinforced Mortar for Strengthening Masonry Columns in Rehabilitation Projects	22110844	Rilem Bookseries	18		0	0	0	0	0	
2930	2019	Reshaping the Villa “ Complex Intervention in a 1930s Structure	22110844	Rilem Bookseries	18		0	0	1	0	0	
2931	2019	Seismic Vulnerability Scenarios for Timisoara, Romania	22110844	Rilem Bookseries	18		1	1	3	0	1	
2932	2019	Local hemodynamics in coronary bypass in the presence of competitive flow and different diameter ratios between graft and host artery	16800737	Ifmbe Proceedings	68	1	1	0	0	1	0	
2933	2019	Computational fluid dynamics analysis of coronary stent malapposition	16800737	Ifmbe Proceedings	68	1	0	1	2	0	0	
2934	2018	Natural Convection in Car Environment Conditions		Therminic 2018 24th International Workshop on Thermal Investigations of Ics and Systems Proceedings			0	0	1	0	0	
2935	2018	Comparative Study of Satellite Navigation Systems		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	2	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2936	2018	Bag of Features vs Deep Neural Networks for Face Recognition		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	0	0	0	0
2937	2018	Smart traffic sign detection on autonomous car		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	1	0	0
2938	2018	5G: An Overview on Challenges and Key Solutions		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			4	7	6	2	3
2939	2018	Absorber Lined Shielded Enclosure Chamber Validation		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	0	0	0
2940	2018	Touchless Fingerprint Capturing from RGB-D Images in Mobile Devices		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	2	1	0	0
2941	2018	Automatic testing of automotive electronic modules for cranking conditions		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	1	0	0	0
2942	2018	OSPA Metric for Radar Extended Object Tracker		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	0	0	0	0
2943	2018	Performance Queues for Fault Tolerant Sessions		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	1	0	0	0
2944	2018	A solution for integrating the Vector CANCase XL with the Teradyne Test Station ICT		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	0	0	0	2
2945	2018	Extension of a Glycaemic Control Medical Application with New Functions and Ergonomic User Interface Elements		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	1	0	0	1
2946	2018	Evaluating hierarchical and non-hierarchical grouping for develop a smart system		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2947	2018	Developing hybrid mobile applications for learning		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			2	1	0	0	0		
2948	2018	Implementation of Google Assistant on Raspberry Pi		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			4	3	1	2	3		
2949	2018	Test bench to optimize the Powertrain in Battery-Electric and Fuel-Cell Vehicles		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	0	2	0	0		
2950	2018	Driver Drowsiness Detection Based on Eye Analysis		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			2	1	4	0	0		
2951	2018	A New Hybrid Ā+UK Converter		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	0	0	0	1		
2952	2018	Using ICT support for STEM education in disadvantaged youth learning		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	1	0	0		
2953	2018	Stand for the functional testing automation of the electronic modules		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	1	0	1		
2954	2018	VR for Education in Information and Tehnology: Application for Bubble Sort		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			4	3	3	1	2		
2955	2018	OFDM-based multi-carrier waveforms performances in 5G		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	1	2	0	2		
2956	2018	Wavelet Shrinkage of Magnetocardiograms Using the Median Absolute Deviation		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	1	0	0		
2957	2018	A General Approach for Deriving the Sliding Mode State-Space Equation in Second Order CCM Operated DC-DC Converters		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
2958	2018	Analysis of a PM Generator with Inset Magnets		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	0	0	1	0		
2959	2018	An overview of intelligent surveillance systems development		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			1	2	3	2	4		
2960	2018	Dynamic programming optimization algorithm applied in test case selection		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			2	0	2	1	0		
2961	2018	The Evaluation of the Effect of NLOS Multipath Propagation in Case of GNSS Receivers		2018 13th International Symposium on Electronics and Telecommunications Isetc 2018 Conference Proceedings			0	1	0	0	0		
2962	2018	Calculation of the Heat Transfer Coefficient for Laminar Flow in Pipes in Practical Engineering Applications	1457632	Heat Transfer Engineering	39	20	3	1	5	3	8		
2963	2018	NTIRE 2018 challenge on image dehazing: Methods and results	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2018-June		26	29	15	21	13		
2964	2018	O-HAZE: A dehazing benchmark with real hazy and haze-free outdoor images	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2018-June		62	83	93	115	115		
2965	2018	Computer Aided Design and Model of a Remote Keyless Module Antenna		2018 IEEE Radio and Antenna Days of the Indian Ocean Radio 2018			1	1	0	0	0		
2966	2018	Computer Aided Design and Model of a Car Tire Pressure Module Antenna		2018 IEEE Radio and Antenna Days of the Indian Ocean Radio 2018			1	0	0	0	0		
2967	2018	Comparison between simulated and observed LHC beam backgrounds in the ATLAS experiment at E beam =4 TeV	17480221	Journal of Instrumentation	13	12	1	0	0	0	1		
2968	2018	Monetary integration, money-demand stability, and the role of monetary overhang in forecasting inflation in CEE countries	1225651X	Journal of Economic Integration	33	4	1	0	1	4	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2969	2018	Influence of technological parametrs on the dimension of threaded parts generated with PLA matherial by FDM 3D printing	255289	Materiale Plastice	55		0	0	0	1	1
2970	2018	Carbon fiber reinforced polymers used for strengthening of existing reinforced concrete structures	255289	Materiale Plastice	55		1	0	1	2	0
2971	2018	Measurement of the $Z^0 \rightarrow \tau^+ \tau^-$ production cross section in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings	10298479	Journal of High Energy Physics	2018	12	5	1	5	9	8
2972	2018	Flash-free orthodontic adhesive system bonded on CAD/CAM produced resin restorations	255289	Materiale Plastice	55		0	1	0	0	0
2973	2018	Fatigue behavior of two acrylic denture base resins	255289	Materiale Plastice	55		1	0	0	0	0
2974	2018	Evaluation of dental composite resin interface and adhesion using laser scanning confocal microscopy	255289	Materiale Plastice	55		0	0	0	1	0
2975	2018	Search for pair and single production of vectorlike quarks in final states with at least one Z boson decaying into a pair of electrons or muons in pp collision data collected with the ATLAS detector at $\sqrt{s}=13$ TeV	24700010	Physical Review D	98	11	15	12	13	7	6
2976	2018	Extending NUMA-BTLP algorithm with thread mapping based on a communication tree	2073431X	Computers	7	4	0	0	0	1	0
2977	2018	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	12	18	17	11	11	10
2978	2018	Operation and performance of the ATLAS Tile Calorimeter in Run 1	14346044	European Physical Journal C	78	12	5	7	6	4	7

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2979	2018	The effect of fly ash on sunflower growth and human health	9441344	Environmental Science and Pollution Research	25	35	1	1	2	2	2
2980	2018	Data-driven MIMO model-free reference tracking control with nonlinear state-feedback and fractional order controllers	15684946	Applied Soft Computing Journal	73		3	3	6	2	3
2981	2018	Effect of windowing and noise on the amplitude and phase estimators returned by the Taylor-based Weighted Least Squares	10512004	Digital Signal Processing A Review Journal	83		0	0	0	1	1
2982	2018	Erratum to: Origin of large plasticity and multiscale effects in iron-based metallic glasses (Nature Communications, (2018), 9, 1, (1333), 10.1038/s41467-018-03744-5)	20411723	Nature Communications	9	1	1	0	2	1	1
2983	2018	Key-role of the recipe formulation in the solution combustion synthesis of monocalcium aluminate, CaAl2O4	2728842	Ceramics International	44	17	1	0	0	3	0
2984	2018	Design and Control for Linear Machines, Drives, and MAGLEVs - Part II	2780046	IEEE Transactions on Industrial Electronics	65	12	0	0	0	0	0
2985	2018	Weighted Betweenness Preferential Attachment: A New Mechanism Explaining Social Network Formation and Evolution	20452322	Scientific Reports	8	1	10	10	3	4	1
2986	2018	Arithmetically homogeneous functions: characterizations, stability and hyperstability	19054	Aequationes Mathematicae	92	6	1	0	2	1	0
2987	2018	Enhancing and transforming global learning communities with augmented reality	10553096	Journal of Information Systems Education	29	1	2	3	2	5	3
2988	2018	Origin of large plasticity and multiscale effects in iron-based metallic glasses	20411723	Nature Communications	9	1	20	18	17	20	10
2989	2018	Rare Earth Elements Removal from Water Using Natural Polymers	20452322	Scientific Reports	8	1	19	7	16	10	14
2990	2018	Novel rehabilitation system for the lower limb	17578981	Iop Conference Series Materials Science and Engineering	444	5	0	1	0	2	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
2991	2018	Discussion on Cobb Angle variation during progressive lateral flexion of the trunk	17578981	Iop Conference Series Materials Science and Engineering	444	5	0	0	0	1	0
2992	2018	Determination of the optimal operational energy zones and the mathematical models for wind power plants		2018 International Conference on Applied and Theoretical Electricity Icate 2018 Proceedings			2	1	0	0	0
2993	2018	Powertrain 48V power supply proposal and safety validation voltage levels for BLDC Motor Driver ASIC		2018 International Conference on Applied and Theoretical Electricity Icate 2018 Proceedings			0	0	0	0	1
2994	2018	On currents asymmetry protection for three phase low voltage induction motors		2018 International Conference on Applied and Theoretical Electricity Icate 2018 Proceedings			1	0	0	0	0
2995	2018	Automation of a pneumatic cement transport installation using PLC		2018 International Conference on Applied and Theoretical Electricity Icate 2018 Proceedings			0	0	0	0	0
2996	2018	Novel Homopolar Linear Synchronous Motor with E-Shape Primary Core		Icems 2018 2018 21st International Conference on Electrical Machines and Systems			0	0	0	1	0
2997	2018	Compressive behavior of aluminum microfibers reinforced semi-rigid polyurethane foams	20734360	Polymers	10	12	10	8	6	4	5
2998	2018	Combination of the Searches for Pair-Produced Vectorlike Partners of the Third-Generation Quarks at s =13 TeV with the ATLAS Detector	319007	Physical Review Letters	121	21	27	32	42	32	20
2999	2018	Recurrent neural network models for myoelectricbased control of a prosthetic hand		2018 22nd International Conference on System Theory Control and Computing Icastcc 2018 Proceedings			3	5	3	2	2
3000	2018	ViMC-Interactive tool for measuring software applications		2018 22nd International Conference on System Theory Control and Computing Icastcc 2018 Proceedings			1	0	0	0	0
3001	2018	Automated system for medication stocks management		2018 22nd International Conference on System Theory Control and Computing Icastcc 2018 Proceedings			0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3002	2018	Cascade control solutions for maglev systems		2018 22nd International Conference on System Theory Control and Computing Ictccc 2018 Proceedings			4	0	0	0	0		
3003	2018	Two voltage-current load signature classes for residential consumers		2018 22nd International Conference on System Theory Control and Computing Ictccc 2018 Proceedings			1	0	0	0	0		
3004	2018	Metamodels for auto-generative learning objects dedicated to unix operating system disciplines		2018 22nd International Conference on System Theory Control and Computing Ictccc 2018 Proceedings			0	1	0	0	0		
3005	2018	Observation of Centrality-Dependent Acoplanarity for Muon Pairs Produced via Two-Photon Scattering in Pb+Pb Collisions at sNN =5.02 TeV with the ATLAS Detector	319007	Physical Review Letters	121	21	11	17	8	19	12		
3006	2018	Pulsed-high-voltage-supplied variable cross-section cylindrical electrostatic precipitators for fly-ash particles	2726351	Particulate Science and Technology	36	8	0	1	0	0	0		
3007	2018	A brief look at the security of DeviceNet communication in industrial control systems		ACM International Conference Proceeding Series			0	0	0	0	1		
3008	2018	Blending MOOCs into Higher Education Courses-A Case Study		Proceedings of 2018 Learning with Moocs Lwmoocs 2018			10	5	7	2	1		
3009	2018	Towards feature envy design flaw detection at block level		Proceedings 2018 IEEE International Conference on Software Maintenance and Evolution Icsme 2018			0	0	1	0	1		
3010	2018	Combined effects in quasidisimilar NiTi joints manufactured by pulsed laser welding	9215093	Materials Science and Engineering A	737		2	1	2	1	0		
3011	2018	Search for Resonant and Nonresonant Higgs Boson Pair Production in the $b\bar{b}\gamma\gamma$ - Decay Channel in pp Collisions at s =13 TeV with the ATLAS Detector	319007	Physical Review Letters	121	19	27	9	13	13	8		
3012	2018	Simulation of Electric Space Charges in Cavities Located Inside Industrial Dielectrics		Ines 2018 IEEE 22nd International Conference on Intelligent Engineering Systems Proceedings			1	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3013	2018	Prediction of Route Choosing Behavior Based on Genetic Algorithm Approach		Ines 2018 IEEE 22nd International Conference on Intelligent Engineering Systems Proceedings			0	1	0	0	0		
3014	2018	Automatic Diagnosis of the Main Contact Status for High Voltage SF6 Circuit Breakers		Ines 2018 IEEE 22nd International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0		
3015	2018	The Modeling and Simulation of an Archimedes Spiral Turbine for Use in a Hydrokinetic Energy Conversion System		Ines 2018 IEEE 22nd International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0		
3016	2018	The Influence of the Mesh Element Size on the Natural Frequencies of Beam		Sisy 2018 IEEE 16th International Symposium on Intelligent Systems and Informatics Proceedings			0	1	0	0	0		
3017	2018	Modbus-OPC UA Wrapper Using Node-RED and IoT-2040 with Application in the Water Industry		Sisy 2018 IEEE 16th International Symposium on Intelligent Systems and Informatics Proceedings			7	7	4	7	1		
3018	2018	V/f with stabilizing loops versus FOC of Spoke-PM rotor SM drive: Control with experiments		Proceedings 2018 IEEE 18th International Conference on Power Electronics and Motion Control Pemic 2018			2	0	1	4	1		
3019	2018	A Novel Hybrid Step-Down DC-DC Converter		Proceedings 2018 IEEE 18th International Conference on Power Electronics and Motion Control Pemic 2018			1	1	0	0	0		
3020	2018	Comparative Study of Control Structures for Maglev Systems		Proceedings 2018 IEEE 18th International Conference on Power Electronics and Motion Control Pemic 2018			0	0	0	0	0		
3021	2018	Energy Management Strategy for Supercapacitor Storage Using a Nonlinear Virtual Impedance		Proceedings 2018 IEEE 18th International Conference on Power Electronics and Motion Control Pemic 2018			0	0	0	0	0		
3022	2018	Multiphase DC/DC Converter and its Use in the Powertrain of Fuel Cell Vehicles		Proceedings 2018 IEEE 18th International Conference on Power Electronics and Motion Control Pemic 2018			2	1	1	1	0		
3023	2018	Prescribing the electric power at wind power systems, based on variable weather conditions		2018 International Symposium on Fundamentals of Electrical Engineering Isfee 2018			1	1	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3024	2018	Search for pair production of heavy vectorlike quarks decaying into hadronic final states in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	98	9	10	11	17	7	7
3025	2018	Search for lepton-flavor-violating decays of the Z boson into a $\tilde{l}_\mu$, lepton and a light lepton with the ATLAS detector	24700010	Physical Review D	98	9	1	3	1	0	2
3026	2018	Search for lepton-flavor violation in different-flavor, high-mass final states in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	98	9	6	5	6	9	5
3027	2018	Search for chargino-neutralino production using recursive jigsaw reconstruction in final states with two or three charged leptons in proton-proton collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	98	9	20	14	8	14	8
3028	2018	Search for pair production of Higgsinos in final states with at least three b -tagged jets in s =13 TeV pp collisions using the ATLAS detector	24700010	Physical Review D	98	9	11	7	4	6	9
3029	2018	Measurement of dijet azimuthal decorrelations in pp collisions at s =8 TeV with the ATLAS detector and determination of the strong coupling	24700010	Physical Review D	98	9	1	4	4	5	3
3030	2018	Frequency Selective Surface with two Notch Frequencies and Good Incidence Angle Stability for Screening Applications		Proceedings of the 2018 20th International Conference on Electromagnetics in Advanced Applications Iceaa 2018			2	0	0	0	0
3031	2018	Search for charged Higgs bosons decaying into top and bottom quarks at $\sqrt{s}$ =13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	11	37	17	10	8	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3032	2018	Erratum to: Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector (Journal of High Energy Physics, (2018), 2018, 3, (174), 10.1007/JHEP03(2018)174)	10298479	Journal of High Energy Physics	2018	11	3	2	4	0	0
3033	2018	Search for Higgs boson pair production in the $\tilde{t}^3 b\bar{b}$ final state with 13 TeV pp collision data collected by the ATLAS experiment	10298479	Journal of High Energy Physics	2018	11	20	12	12	12	7
3034	2018	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	78	11	38	39	28	56	35
3035	2018	Iron ions reclaiming from sludge resulted from hot-dip galvanizing process, as Mg3 Fe-layered double hydroxide used in the degradation process of organic dyes	19443994	Desalination and Water Treatment	131		2	0	0	2	2
3036	2018	Erratum to: Measurement of the W-boson mass in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector (The European Physical Journal C, (2018), 78, 2, (110), 10.1140/epjc/s10052-017-5475-4)	14346044	European Physical Journal C	78	11	4	12	19	16	6
3037	2018	Code-design for efficient pipelined layered LDPC decoders with bank memory organization	1419331	Microprocessors and Microsystems	63		0	2	0	1	2
3038	2018	The corrosion inhibitor behavior of iron in saline solution by the action of magnesium carboxyphosphonate	334545	Pure and Applied Chemistry	90	11	1	1	4	6	4
3039	2018	Assessment of Cavitation Erosion of Gas-Nitrided Cr-Ni-Mo Steels	7424787	Journal of Tribology	140	6	2	3	1	0	0
3040	2018	The locally stationary dual-tree complex wavelet model	9603174	Statistics and Computing	28	6	2	5	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3041	2018	Nowcasting the output power of PV systems	22671242	E3s Web of Conferences	61		1	1	0	0	0	
3042	2018	Developing an ontology of cyber-operations in networks of computers		Proceedings 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing Iccp 2018			0	3	0	0	0	
3043	2018	A Novel Concept to Control the Powertrain in Battery Fuel Cell Hybrid Vehicles		2018 20th European Conference on Power Electronics and Applications EPE 2018 Ecce Europe			0	1	1	1	0	
3044	2018	High ratio bidirectional hybrid switched inductor converter using wide bandgap transistors		2018 20th European Conference on Power Electronics and Applications EPE 2018 Ecce Europe			2	2	1	2	0	
3045	2018	A Novel Hybrid Buck-L Converter		2018 20th European Conference on Power Electronics and Applications EPE 2018 Ecce Europe			0	2	0	0	0	
3046	2018	Data-Driven Active Disturbance Rejection Control of Pendulum Cart Systems		2018 IEEE Conference on Control Technology and Applications Ccta 2018			2	2	2	2	1	
3047	2018	Dynamic Analysis of Satellites Used for Side-Airbag System	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	1	0	0	1	
3048	2018	The Anisotropy Effect of Closed-Cell Polyisocyanurate (PIR) Rigid Foam under Quasi-Static Compression Loads	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	0	0	
3049	2018	Comparative Study on the Corrosion Resistance of CAD/CAM and Conventional Processed Co-Cr Dental Alloys in NaCl Solutions	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	1	0	0	0	
3050	2018	Influence of the Process Parameters on the Shape and Dimensions of the Parts Obtained by Selective Laser Sintering (SLS)	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	1	0	0	0	
3051	2018	Shape Memory Alloy Films Manufactured by Magnetron Sputtering	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	1	0	
3052	2018	Manufacturing and Compressive Mechanical Behavior of Reinforced Polyurethane Flexible (PUF) Foams	17578981	Iop Conference Series Materials Science and Engineering	416	1	3	3	0	2	2	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3053	2018	Roughness Parameters during Cavitation Exposure of Nodular Cast Iron with Ferrite-Pearlite Microstructure	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	2	0
3054	2018	Structural and Optical Properties of Perovskite-Type Compounds Obtained by Ultrasonic Method	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	1	1	0
3055	2018	The Effect of Manufacturing on the Press fit Insertion Force	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	2	1
3056	2018	On Surface Topography and Microstructure in Cavitation Erosion Tests of Alloy 80 A	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	1	0	0	0
3057	2018	Evaluation of the Elastic Properties of Highly Porous Alumina Foams using Finite Element Analysis	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	0	0	0	0
3058	2018	Evaluation of Different pH Solutions on the Mechanical Behaviour of Two Hot Pressed Dental Ceramics	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	0	0	0	1
3059	2018	Recovery and Valorification of Iron from Industrial Waste	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	1	0	0
3060	2018	Evaluation of the mechanical properties and failure mechanism of fibres formed in municipal wastewater systems	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	0	0
3061	2018	The Particularities of the CMT Braze-Welding Process between Ferritic Stainless Steel - Magnesium Alloy	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	0	0
3062	2018	The Dispersion of the Heat Flow in the Engine Compartment. Case Study on Ford Fiesta 1.4i	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	0	0
3063	2018	Electrochemical Corrosion Behavior of High Temperature Vacuum Brazed WC-Co-NiP Functional Composite Coatings	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	2	0	0
3064	2018	Ti-Ta High Temperature Shape Memory Alloys	17578981	Iop Conference Series Materials Science and Engineering	416	1	2	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3065	2018	Martensitic Transformation in Fe-Pd Ferromagnetic Shape Memory Alloy Wires	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	0	0	0	0		
3066	2018	Influence of pH on the Corrosion Behaviour of Laser-Processed Co-Cr Dental Alloys in Artificial Saliva	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	2	1		
3067	2018	Mechanical Behaviour of Narrow Gap MAG Welding of API 5L X65M Steel Pipeline	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	0	0	0	0		
3068	2018	A Parametric Study of the Mechanical Properties of Open-Cell Kelvin Structures	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	1	0	1	0		
3069	2018	Cobalt Layered Perovskite Type Y0.5Ca0.5BaCo4O7 as Anodic Material for Sulphite Oxidation in Neutral Media	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	1	0		
3070	2018	Research Regarding Capacitor Discharge Stud Welding with Tip Ignition on Galvanized Thin Sheets	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	1	1	3	0		
3071	2018	Investigations on the Characteristics of Thermally Sprayed NiCrBSi Coatings Fused by Flame and Inductive Processing	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	3	0	0		
3072	2018	Influence of Synthesis Method on the Morphology and Properties of ABO3 Materials	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	1	0	0	0		
3073	2018	Use of Aqueous NaOH Solutions to Recover Silver from Radiographic Films	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	0	0	0	1		
3074	2018	Stress and Strain Determination Occurring in Contact Area of the 450/75 ACSR Conductor	17578981	Iop Conference Series Materials Science and Engineering	416	1	2	1	0	0	0		
3075	2018	Quasi-Static Mechanical Characterization of Lightweight Fly Ash-Based Geopolymer Foams	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	2	0	2	1		
3076	2018	Microstructure and Wear Behaviour of Ti Reinforced HVOF Coating	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	1	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3077	2018	Recovering Aluminium for Recycling in Reusable Backyard Foundry that Melts Aluminium Cans	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	1	2	1	1
3078	2018	Consolidated Composites with Natural Textile Fabrics	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	1	0	0
3079	2018	Enhancement of Hydrogen Evolution Reaction on Pt-Co Layer Deposited on Copper	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	1	1
3080	2018	Analysis of Cavitation Erosion Resistance of Grey Cast Iron EN-GJL-200 by the Surface Induction Hardening	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	2	0	0	0
3081	2018	Mechanical Behaviour of MAG Pulsed Welded Joints from 6082 T6 Aluminium Alloy	17578981	Iop Conference Series Materials Science and Engineering	416	1	0	0	0	0	0
3082	2018	Compressive Behavior and Energy Absorption Capability of Reinforced Closed-Cell Aluminum Alloy Foams	17578981	Iop Conference Series Materials Science and Engineering	416	1	1	0	2	1	0
3083	2018	Simulating payoff distribution in networks of economic agents		Proceedings of the 2018 IEEE ACM International Conference on Advances in Social Networks Analysis and Mining Asonam 2018			1	0	0	1	0
3084	2018	Topological fragility versus antifragility: Understanding the impact of real-time repairs in networks under targeted attacks		Proceedings of the 2018 IEEE ACM International Conference on Advances in Social Networks Analysis and Mining Asonam 2018			1	0	0	0	0
3085	2018	Improved Transverse Flux Directly - Driven Wind PM Generator: Optimal Design with Key FEM Validation		Proceedings 2018 23rd International Conference on Electrical Machines ICEM 2018			0	1	0	0	0
3086	2018	Outer-Ferrite-PM-Rotor BLAC Motor Characterization: FEM Assisted Optimal Design		Proceedings 2018 23rd International Conference on Electrical Machines ICEM 2018			2	0	0	0	0
3087	2018	1.2 MW, 2-6Krpm BLDC-MRM Traction Drive: Preliminary Design with Key FEM Inquiries		Proceedings 2018 23rd International Conference on Electrical Machines ICEM 2018			0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3088	2018	Non-Invasive Control Solution inside Higher-Level OPC UA based Wrapper for Optimizing Groups of Wastewater Systems	19460740	IEEE International Conference on Emerging Technologies and Factory Automation ETFA	2018-September		3	2	0	0	0
3089	2018	Measurement of the suppression and azimuthal anisotropy of muons from heavy-flavor decays in Pb+Pb collisions at sNN =2.76 TeV with the ATLAS detector	24699985	Physical Review C	98	4	10	3	2	3	3
3090	2018	Accuracy of the Synchrophasor Estimator Returned by the Interpolated DFT Algorithm under Off-Nominal Frequency and Harmonic Conditions		9th IEEE International Workshop on Applied Measurements for Power Systems Amps 2018 Proceedings			3	1	1	0	0
3091	2018	In situ Measurements on the Electrical Motors of Hydraulic Pumps Installed in a Wastewater Station		Proceedings 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2018			1	0	0	1	0
3092	2018	Research and Developpment of a new Material for Metal Oxide Varistors		Proceedings 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2018			0	0	0	0	1
3093	2018	Experimental Improvements Concerning the Thermal Manufacturing Parameters of a new Metal Oxide Varistor Material		Proceedings 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2018			0	0	1	0	0
3094	2018	Memory-centric flooded Idpc decoder architecture using non-surjective finite alphabet iterative decoding		Proceedings 21st Euromicro Conference on Digital System Design Dsd 2018			0	0	0	0	1
3095	2018	Probing the Quantum Interference between Singly and Doubly Resonant Top-Quark Production in pp Collisions at s =13 TeV with the ATLAS Detector	319007	Physical Review Letters	121	15	6	3	2	6	3

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3096	2018	Search for R-parity-violating supersymmetric particles in multi-jet final states produced in p-p collisions at s=13 TeV using the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	785		6	2	4	3	7
3097	2018	Poisson's ratio of closed-cell aluminium foams	19961944	Materials	11	10	7	20	9	17	10
3098	2018	Interlaboratory Comparison of Radiated Emissions in Automotive EMC	10774076	IEEE International Symposium on Electromagnetic Compatibility	2018-August		1	1	2	0	1
3099	2018	Wind or Hydro Homo-Heteropolar Synchronous Generators: Equivalent Magnetic Circuit and FEM Analysis	2261236X	Matec Web of Conferences	210		0	0	1	1	0
3100	2018	The effect of saline environment on the fatigue behaviour of HVOF-sprayed WC-Co-Cr-Ni coatings	2670844	Surface Engineering	34	10	2	4	2	1	2
3101	2018	PowerFee-Training and testing students in power engineering web application	14479494	International Journal of Learning	10	4	0	1	0	0	0
3102	2018	Computer aided model for a low voltage varistor with increased thermal stability	2407439X	International Conference on Electrical Engineering Computer Science and Informatics Eecsi	2018-October		0	0	1	0	0
3103	2018	Optimal auxiliary functions method for nonlinear thin film flow of a third grade fluid on a moving belt	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	19	4	0	2	2	0	0
3104	2018	Development of a finite element model for a buckling restrained brace	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	19	4	2	0	0	0	0
3105	2018	Behavior of polymer thin films deposited on bronze surfaces at cavitation erosion	347752	Revista De Chimie	69	10	1	0	0	0	0
3106	2018	Comparative study of acid etching on dental enamel	347752	Revista De Chimie	69	10	0	0	0	2	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3107	2018	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	10	12	8	11	11	9
3108	2018	Designing, developing, and implementing a forecasting method for the produced and consumed electricity in the case of small wind farms situated on quite complex hilly terrain	19961073	Energies	11	10	0	1	1	0	0
3109	2018	Iterative method for determining the values of the susceptances of a balancing capacitive compensator	19961073	Energies	11	10	1	0	0	1	1
3110	2018	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector	10298479	Journal of High Energy Physics	2018	10	2	3	2	5	1
3111	2018	Measurement of colour flow using jet-pull observables in $t\bar{t}\gamma$ events with the ATLAS experiment at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	78	10	6	1	1	2	3
3112	2018	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow \tau^+ \tau^-$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	10	15	14	12	12	8
3113	2018	Angular analysis of $B_d^0 \rightarrow K^+ \pi^- \ell^+ \ell^-$ decays in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	10	22	27	23	38	22
3114	2018	Click reaction-aided enzymatic kinetic resolution of secondary alcohols	20589883	Reaction Chemistry and Engineering	3	5	1	2	1	0	1
3115	2018	Model-free sliding mode and fuzzy controllers for reverse osmosis desalination plants	9740635	International Journal of Artificial Intelligence	16	2	28	20	10	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3116	2018	Miniature Planar Spiral Transformer with Hybrid, Ferrite, and Magnetic Nanofluid Core	189464	IEEE Transactions on Magnetics	54	10	0	1	1	2	3
3117	2018	The economic, social and environmental impact of shale gas exploitation in Romania: A cost-benefit analysis	13640321	Renewable and Sustainable Energy Reviews	93		4	12	5	9	1
3118	2018	Accurate amplitude and phase estimation of noisy sine-waves via two-point interpolated DTFT algorithms	2632241	Measurement Journal of the International Measurement Confederation	127		6	3	1	2	1
3119	2018	Notch effect assessment in a PUR material using a ring shaped specimen	1678442	Theoretical and Applied Fracture Mechanics	97		1	0	0	4	1
3120	2018	The long-run impact of monetary policy uncertainty and banking stability on inward FDI in EU countries	2755319	Research in International Business and Finance	45		6	2	6	4	1
3121	2018	Combination of searches for heavy resonances decaying into bosonic and leptonic final states using 36 fb ⁻¹ of proton-proton collision data at s =13 TeV with the ATLAS detector	24700010	Physical Review D	98	5	15	17	16	10	13
3122	2018	Node-Red and OPC UA Based Lightweight and Low-Cost Historian with Application in the Water Industry		Proceedings IEEE 16th International Conference on Industrial Informatics Indin 2018			3	2	2	1	1
3123	2018	Some exact solutions for MHD flow and heat transfer to modified second grade fluid with variable thermal conductivity in the presence of thermal radiation and heat generation/absorption	8981221	Computers and Mathematics with Applications	76	6	7	5	4	3	3
3124	2018	Intelligent System for Tracking and Logging the Zigzag Pantograph Motion		2018 IEEE Smc International Conference on Innovations in Intelligent Systems and Applications Inista 2018			0	0	0	0	0
3125	2018	Search for Higgs bosons produced via vector-boson fusion and decaying into bottom quark pairs in s =13 TeV pp collisions with the ATLAS detector	24700010	Physical Review D	98	5	8	14	12	6	4

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3126	2018	Measurement of the Higgs boson mass in the $H \rightarrow \tau^+ \tau^- Z \rightarrow \tau^+ \tau^- 4\mu$, “ and $H \rightarrow \tau^+ \tau^- \tau^+ \tau^-$ channels with $s=13$ TeV pp collisions using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	784		32	14	13	10	5		
3127	2018	Facile synthesis, characterization and magnetic properties of manganese ferrite/carbon composites	406031	Thermochimica Acta	667		2	1	0	1	1		
3128	2018	Pharmacological effects of natural compounds extracted from urtica dioica evaluated by in silico and experimental methods	347752	Revista De Chimie	69	9	2	0	0	2	0		
3129	2018	Prompt and non-prompt J/ψ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ Tev with the ATLAS detector	14346044	European Physical Journal C	78	9	5	3	6	5	4		
3130	2018	Search for charged Higgs bosons decaying via $H \rightarrow \tau^\pm \bar{\nu}_\tau$, $\tilde{A}^\pm \rightarrow \tau^\pm \tilde{\nu}_\tau$, in the τ ,+jets and τ ,+lepton final states with 36 fb $^{-1}$ of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment	10298479	Journal of High Energy Physics	2018	9	26	19	22	19	15		
3131	2018	Prompt and non-prompt J/ψ and $\psi(2S)$ suppression at high transverse momentum in 5.02TeV Pb+Pb collisions with the ATLAS experiment	14346044	European Physical Journal C	78	9	6	10	12	16	16		
3132	2018	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2018	9	5	6	2	1	2		
3133	2018	SAS score: Targeting high-specificity for efficient population-wide monitoring of obstructive sleep apnea	19326203	Plos One	13	9	2	3	3	2	3		
3134	2018	A modified ECBL approach for cold-formed steel rack section members	2638231	Thin Walled Structures	130		0	2	1	3	0		
3135	2018	Design implementation of re-centring dual eccentrically braced frames with removable links	2677261	Soil Dynamics and Earthquake Engineering	112		2	5	4	4	4		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3136	2018	Determining the crack acceptability in the welded joints of a wind loaded cylindrical steel shell structure	13506307	Engineering Failure Analysis	91		2	4	3	3	4	
3137	2018	Design and Control for Linear Machines, Drives, and MAGLEVs-Part i	2780046	IEEE Transactions on Industrial Electronics	65	9	2	2	1	1	3	
3138	2018	Linear Electric Machines, Drives, and MAGLEVs: An Overview	2780046	IEEE Transactions on Industrial Electronics	65	9	25	48	35	44	41	
3139	2018	Comparative Study of Transversal-Flux Permanent-Magnetic Linear Oscillatory Machines for Compressor	2780046	IEEE Transactions on Industrial Electronics	65	9	5	10	9	7	7	
3140	2018	Optimal auxiliary functions method for viscous flow due to a stretching surface with partial slip	23915439	Open Engineering	8	1	0	2	0	2	2	
3141	2018	Effective Local Airlight Estimation for Image Dehazing	15224880	Proceedings International Conference on Image Processing Icip			2	5	3	1	2	
3142	2018	Technical and humanities students' perspectives on the development and sustainability of artificial intelligence (AI)	20711050	Sustainability Switzerland	10	9	6	5	6	7	13	
3143	2018	Real Time System for Measuring the Pantograph Vertically Position Correlated with Temperature and Air Humidity		2018 3rd International Conference on Smart and Sustainable Technologies Splitech 2018			0	0	0	0	0	
3144	2018	Intelligent Application for Monitoring the Pantograph-Catenary Contact in Electric Railway Transportation		2018 3rd International Conference on Smart and Sustainable Technologies Splitech 2018			0	0	0	1	1	
3145	2018	Search for Low-Mass Dijet Resonances Using Trigger-Level Jets with the ATLAS Detector in pp Collisions at s =13 TeV	319007	Physical Review Letters	121	8	14	10	14	13	15	
3146	2018	A dynamic approach for faster performance measurements on hydraulic turbomachinery model testing	20763417	Applied Sciences Switzerland	8	9	1	2	1	0	1	
3147	2018	Robotic Arm Control with Hand Movement Gestures		2018 41st International Conference on Telecommunications and Signal Processing Tsp 2018			1	3	3	1	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3148	2018	Exact Stability Analysis of a Two-Phase Boost Converter		2018 41st International Conference on Telecommunications and Signal Processing Tsp 2018			0	0	0	0	0		
3149	2018	Structure and Evolving Fuzzy Models for Prosthetic Hand Myoelectric-Based Control Systems		MED 2018 26th Mediterranean Conference on Control and Automation			3	1	1	1	0		
3150	2018	Data-Driven Model-Free Model-Reference Nonlinear Virtual State Feedback Control from Input-Output Data		MED 2018 26th Mediterranean Conference on Control and Automation			2	0	0	0	0		
3151	2018	WebNAVIGSS Web-Based Software Solution for IGSS SCADA Applications		MED 2018 26th Mediterranean Conference on Control and Automation			1	0	0	0	0		
3152	2018	Software tool for audio signal analysis and automatic music transcription		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0		
3153	2018	Software solution for monitoring and analyzing driver behavior		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	2	0	1	0		
3154	2018	The functioning of a wind system at its maximum power		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0		
3155	2018	New software tools for hydrogel-based bioprinting		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	0	2		
3156	2018	State feedback control models for the cardiovascular system in constant exercise scenario		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0		
3157	2018	Comparative study of clustering distance measures to determine neural network architectures		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	1		
3158	2018	Designing and implementing a solution to manipulate signals in automated testing using CANoe		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	1		
3159	2018	The recognition of the architectural style using data mining techniques		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3160	2018	A solution for air quality monitoring and forecasting		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0		
3161	2018	Acquisition of physical data in an automated system for monitoring medication stocks		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	1	0	0	0		
3162	2018	Novel gesture interaction using leap motion in 3D applications		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	0	0		
3163	2018	Towards auto-generative learning objects for industrial IT services		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	4	3	0	0		
3164	2018	Optimizing pattern-matching for memory-efficient heterogeneous DNA processing in bioinformatics		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
3165	2018	Embedded solutions for deep neural networks implementation		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	1	1	0	0		
3166	2018	A novel method to compute the membership value of the states of fuzzy automata		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0		
3167	2018	Investigating attributes that characterize important classes in object oriented systems		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
3168	2018	Romanian biometric word list for public key fingerprint validation		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0		
3169	2018	Master-slave tracking system for mobile robots		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	1		
3170	2018	High betweenness nodes and crowded intersections: An experimental assessment by means of simulation		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3171	2018	Automotive dead-reckoning navigation system based on vehicle speed and YAW rate		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	0	3		
3172	2018	Non intrusive load monitoring: Analytic expressions as load signature		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0		
3173	2018	Current challenges in the computer-based assessment of speech sound disorders		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	1		
3174	2018	PillHelper-an application for treatment administration		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
3175	2018	Tensor product-based model transformation technique applied to modeling vertical three tank systems		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	1	0	0		
3176	2018	On reliability of 3D hammock networks		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0		
3177	2018	Above modelling and adaptive control of a double winded induction generator		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
3178	2018	Wind energy conversion system-a laboratory setup		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0		
3179	2018	Experimental setup for an optical micrometer with a polygonal mirror-based laser scanner		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
3180	2018	Parallel implementation of k-means algorithm using mapreduce approach		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	0	0		
3181	2018	Control solutions for vertical three-tank systems		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	1	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3182	2018	Programming concepts in the silver code guide for elders		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0		
3183	2018	Feedback control solutions for an electromechanical process with rigid body dynamics		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0		
3184	2018	Laboratory evaluation and calibration of low-cost sensors for air quality measurement		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	3	0	2	2		
3185	2018	P-FENP: A multiprocessor real-time scheduling Algorithm		Saci 2018 IEEE 12th International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	0	1	0	0		
3186	2018	Analytic approximate solutions to the chemically reactive solute transfer problem with partial slip in the flow of a viscous fluid over an exponentially stretching sheet with suction/blowing	23915439	Open Engineering	8	1	0	0	0	0	1		
3187	2018	Measurement of jet fragmentation in Pb+Pb and pp collisions at sNN =5.02 TeV with the ATLAS detector	24699985	Physical Review C	98	2	7	12	4	10	12		
3188	2018	Maghemite, Fe_3O_4 , nanoparticles preparation via carbon-templated solution combustion synthesis	2728842	Ceramics International	44	12	5	6	4	2	2		
3189	2018	Integrating open education concepts in blended learning with MOOCs		Proceedings IEEE 18th International Conference on Advanced Learning Technologies IcaLT 2018			1	1	2	0	0		
3190	2018	Open virtual reality project to improve students' skills		Proceedings IEEE 18th International Conference on Advanced Learning Technologies IcaLT 2018			2	5	1	2	2		
3191	2018	Experimental research upon the durability in exploitation of the Adamite type rolls	17578981	Iop Conference Series Materials Science and Engineering	393	1	0	0	0	0	1		
3192	2018	Solutions to recover the energy lost to an industrial consumer	17578981	Iop Conference Series Materials Science and Engineering	393	1	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3193	2018	Metal matrix composites processing techniques using recycled aluminium alloy	17578981	Iop Conference Series Materials Science and Engineering	393	1	2	1	1	4	0	
3194	2018	Laboratory testing of brake pads made of organic materials intended for small and medium vehicles	17578981	Iop Conference Series Materials Science and Engineering	393	1	3	2	1	2	1	
3195	2018	The reverse engineering of a blade runner geometry through photogrammetry	17578981	Iop Conference Series Materials Science and Engineering	393	1	2	0	1	0	0	
3196	2018	Practical studies on car air conditioning systems	17578981	Iop Conference Series Materials Science and Engineering	393	1	0	1	0	1	0	
3197	2018	Finite element analysis of cylindrical gear with mechanical event simulation	17578981	Iop Conference Series Materials Science and Engineering	393	1	1	1	0	0	1	
3198	2018	Methods for determining the maximum energy area for wind power turbine	17578981	Iop Conference Series Materials Science and Engineering	393	1	1	0	0	0	0	
3199	2018	Study of the stiffness of modular fixtures using the finite element method	17578981	Iop Conference Series Materials Science and Engineering	393	1	0	0	1	0	1	
3200	2018	Causes regarding the efficiency reduction of the solar systems with photovoltaic PV panels	17578981	Iop Conference Series Materials Science and Engineering	393	1	0	0	0	1	0	
3201	2018	Composite materials manufacturing using textile inserts with natural origins fibres	17578981	Iop Conference Series Materials Science and Engineering	393	1	2	0	4	0	1	
3202	2018	Harvesting olive tree using accurate vibrations generated by a robotic system	17578981	Iop Conference Series Materials Science and Engineering	393	1	1	0	0	2	0	
3203	2018	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\gamma\gamma, \gamma b\bar{b}$ final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	783		18	21	11	11	8	
3204	2018	Multilook SAR Image Enhancement Using the Dual Tree Complex Wavelet Transform		2018 12th International Conference on Communications Comm 2018 Proceedings			0	2	1	0	0	
3205	2018	On the Development of Bluetooth Low Energy Devices		2018 12th International Conference on Communications Comm 2018 Proceedings			3	0	1	1	2	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3206	2018	Applications of a Frequency Selective Surface Based on a Combination of a Jerusalem Cross and a Circular Ring		2018 12th International Conference on Communications Comm 2018 Proceedings			1	0	1	0	0		
3207	2018	Integrity Analysis of the Rainwater Pump Impeller	2261236X	Matec Web of Conferences	188		0	0	0	0	0		
3208	2018	Search for resonances in the mass distribution of jet pairs with one or two jets identified as b - jets in proton-proton collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	98	3	10	6	5	3	6		
3209	2018	History of Romanian Medical Informatics: Learning from the Past to Reshape the Future	23640502	Yearbook of Medical Informatics	27	1	0	0	0	1	1		
3210	2018	Search for top squarks decaying to tau sleptons in pp collisions at s =13 Te v with the ATLAS detector	24700010	Physical Review D	98	3	5	5	3	4	1		
3211	2018	Search for heavy resonances decaying to a photon and a hadronically decaying Z /W /H boson in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	98	3	5	7	5	3	2		
3212	2018	Search for supersymmetry in events with four or more leptons in $\sqrt{s}$ =13 TeV pp collisions with ATLAS	24700010	Physical Review D	98	3	12	11	8	2	4		
3213	2018	Search for flavor-changing neutral currents in top quark decays $t \rightarrow \bar{b}^* H_c$ and $t \rightarrow \bar{b}^* H_u$ in multilepton final states in proton-proton collisions at $\sqrt{s}$ = 13 TeV with the ATLAS detector	24700010	Physical Review D	98	3	9	3	3	5	8		
3214	2018	Predicting student success using data generated in traditional educational environments	22178309	TEM Journal	7	3	4	9	5	3	3		
3215	2018	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}A^-$ events at $\sqrt{s}$ =13 TeV	10298479	Journal of High Energy Physics	2018	8	22	15	9	14	10		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3216	2018	Search for pair production of heavy vector-like quarks decaying into high-p T W bosons and top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	8	7	6	7	3	6
3217	2018	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	14346044	European Physical Journal C	78	8	5	4	3	4	1
3218	2018	Taylor type formula with Fréchet polynomials	19054	Aequationes Mathematicae	92	4	0	0	1	0	0
3219	2018	Solution combustion synthesis: a straightforward route for the preparation of chromium-doped lanthanum aluminate, LaAl _{1-x} CrxO ₃ , pink red pigments	1437208	Dyes and Pigments	155		4	2	3	2	1
3220	2018	Extreme co-movements and dependencies among major international exchange rates: A copula approach	10629769	Quarterly Review of Economics and Finance	69		7	3	5	7	10
3221	2018	A brief overview of the evolution and trends in maintenance	2261236X	Matec Web of Conferences	184		0	0	0	1	0
3222	2018	Risk Assessment and Security Countermeasures for Vehicular Instrument Clusters		Proceedings 48th Annual IEEE IFIP International Conference on Dependable Systems and Networks Workshops Dsn W 2018			0	0	1	2	0
3223	2018	Potentiometric sensors for iodide and bromide based on Pt(II)-porphyrin	14248220	Sensors Switzerland	18	7	5	4	6	8	1
3224	2018	Unemployment persistence in EU countries: new evidence using bounded unit root tests	13504851	Applied Economics Letters	25	12	5	1	1	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3225	2018	Estimation of fundamental power quantities in single-phase systems under dynamic conditions		I2mtc 2018 2018 IEEE International Instrumentation and Measurement Technology Conference Discovering New Horizons in Instrumentation and Measurement Proceedings			0	0	1	0	0		
3226	2018	Comparative analysis of home appliances' functional regimes using power signatures		I2mtc 2018 2018 IEEE International Instrumentation and Measurement Technology Conference Discovering New Horizons in Instrumentation and Measurement Proceedings			0	0	0	1	1		
3227	2018	Viscous flow of an incompressible fluid over a curved stretching surface	0094243X	Aip Conference Proceedings	1978		0	0	0	0	1		
3228	2018	Anastomosis configuration influence on local hemodynamics in coronary bypass	0094243X	Aip Conference Proceedings	1978		0	1	1	0	0		
3229	2018	Using LiDAR for urban green space monitoring	0094243X	Aip Conference Proceedings	1978		0	0	0	0	1		
3230	2018	Some properties of fuzzy bounded sets in fuzzy normed linear spaces	0094243X	Aip Conference Proceedings	1978		0	1	0	1	0		
3231	2018	Analytic solution of the static pull-in instability in MEMS considering Casimir force	0094243X	Aip Conference Proceedings	1978		1	0	0	0	3		
3232	2018	Modelling the operation curves of two similar high power centrifugal pumps	0094243X	Aip Conference Proceedings	1978		0	0	1	0	0		
3233	2018	Online platform for university admission		2018 9th International Conference on Information Intelligence Systems and Applications Iisa 2018			2	0	3	2	0		
3234	2018	Effective conductances of Moore-Shannon hammocks	19449399	Proceedings of the IEEE Conference on Nanotechnology	2018-July		0	2	1	0	0		
3235	2018	Variable Stator frequency control of stand-alone DFIG with diode rectified output		Proceedings of the 2018 5th International Symposium on Environment Friendly Energies and Applications Efea 2018			1	2	0	1	0		
3236	2018	Position Optimization Method for a Solar Tracking Device Using the Cast-Shadow Principle		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			4	3	0	1	4		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3237	2018	Configurable Online Test Creation in PHP with Auto Evaluation of Students Running on the Server of the Sun Trackers		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			0	0	0	0	0
3238	2018	Sensor Monitoring System for Formula Student Car		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			1	0	0	0	0
3239	2018	High Power Switch using IGBT and GaN MOSFET A solution proposal		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			0	0	0	0	0
3240	2018	White-Box Testing Strategy for a Solar Tracking Device Using NodeMCU Lua ESP8266 Wi-Fi Network Development Board Module		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			1	4	0	1	2
3241	2018	Identification of Traditional Motifs Using Convolutional Neural Networks		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			1	0	0	0	2
3242	2018	Far Field Versus Near Field Measurement in Automotive Environment		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			0	0	2	1	0
3243	2018	SPIICE Model of a Piezoelectric Transducer		2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging Siitme 2018 Proceedings			1	1	0	0	0
3244	2018	Search for flavour-changing neutral current top-quark decays $t \rightarrow qZ$ in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	7	9	7	7	6	7
3245	2018	Search for exclusive Higgs and Z boson decays to $\tau^+\tau^-$ and $\tau^+\tau^-$ with the ATLAS detector	10298479	Journal of High Energy Physics	2018	7	4	6	2	3	2
3246	2018	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector	10298479	Journal of High Energy Physics	2018	7	9	8	8	2	7

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3247	2018	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	78	7	13	15	6	11	7
3248	2018	Dual use of boron-doped diamond electrode in antibiotics-containing water treatment and process control	9575820	Process Safety and Environmental Protection	117		1	7	6	3	11
3249	2018	Zn-Al-CO3 layered double hydroxides prepared from a waste of hot-dip galvanizing process	1618954X	Clean Technologies and Environmental Policy	20	5	4	1	3	1	0
3250	2018	n-Type Conductivity of Cu2O Thin Film Prepared in Basic Aqueous Solution Under Hydrothermal Conditions	17388090	Electronic Materials Letters	14	4	0	0	1	1	1
3251	2018	Analysis of Degenerate Fold-Hopf Bifurcation in a Three-Dimensional Differential System	15755460	Qualitative Theory of Dynamical Systems	17	2	1	0	1	0	0
3252	2018	About thermostability of biocompatible Ti-Zr-Ag-Pd-Sn amorphous alloys	13886150	Journal of Thermal Analysis and Calorimetry	133	1	1	0	2	0	0
3253	2018	Variable-Node-Shift Based Architecture for Probabilistic Gradient Descent Bit Flipping on QC-LDPC Codes	15498328	IEEE Transactions on Circuits and Systems I Regular Papers	65	7	3	1	3	1	0
3254	2018	Plastic mechanisms of thin-walled cold-formed steel members in eccentric compression	2638231	Thin Walled Structures	128		4	2	4	2	1
3255	2018	Study about the active power and energy losses of a 400V 57 kW asynchronous motor		2018 19th International Scientific Conference on Electric Power Engineering EPE 2018 Proceedings			0	1	1	0	0
3256	2018	Study about some two main dopants for a ZnO based varistor material with 5 additives, applied in overvoltage protection equipment		2018 19th International Scientific Conference on Electric Power Engineering EPE 2018 Proceedings			0	0	0	0	0
3257	2018	Determining optimal neural network architecture using regression methods		2018 14th International Conference on Development and Application Systems Das 2018 Proceedings			3	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3258	2018	Determining neural network architecture using data mining techniques		2018 14th International Conference on Development and Application Systems Das 2018 Proceedings			1	2	0	0	0		
3259	2018	NUMA-BTLP: A static algorithm for thread classification		2018 5th International Conference on Control Decision and Information Technologies Codit 2018			2	1	0	1	0		
3260	2018	Near-field scan technique for reducing radiated emissions in automotive EMC		2018 IEEE International Symposium on Electromagnetic Compatibility and 2018 IEEE Asia Pacific Symposium on Electromagnetic Compatibility EMC Apemc 2018			2	2	2	2	2		
3261	2018	Power consumption forecast quality assessment		2018 7th International Conference on Computers Communications and Control Icccc 2018 Proceedings			0	1	0	0	0		
3262	2018	On algorithms for evaluating the reliability of large Hammock networks		2018 7th International Conference on Computers Communications and Control Icccc 2018 Proceedings			0	0	0	1	0		
3263	2018	LoRa based energy efficiency improving in manufacturing processes		2018 7th International Conference on Computers Communications and Control Icccc 2018 Proceedings			1	1	2	0	1		
3264	2018	Short-term load forecasting software tool		2018 7th International Conference on Computers Communications and Control Icccc 2018 Proceedings			0	0	0	0	0		
3265	2018	OPC-UA based small-scale monitoring and control solution for android devices case study for water treatment plants		Proceedings 2018 4th International Conference on Control Automation and Robotics Iccar 2018			0	1	1	1	0		
3266	2018	Search for $W\bar{b} \rightarrow \bar{b} \tau^+ \tau^-$ tb decays in the hadronic final state using pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	781		2	8	5	1	3		
3267	2018	Search for squarks and gluinos in final states with jets and missing transverse momentum using 36 fb-1 of $\sqrt{s}=13\text{ TeV}$ pp collision data with the ATLAS detector	24700010	Physical Review D	97	11	41	20	17	12	8		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3268	2018	Quantum particles on graphenic systems. Part 2. Bondons by absorption Raman spectra	1536383X	Fullerenes Nanotubes and Carbon Nanostructures	26	6	0	0	3	3	0
3269	2018	Lamellar tearing observations regarding the application of european standards in the field of welded steel constructions	347752	Revista De Chimie	69	6	0	0	1	0	1
3270	2018	In vitro behaviour of alumina-hydroxiapatite composites coatings	347752	Revista De Chimie	69	6	0	0	0	0	0
3271	2018	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $\sqrt{s}=13$ TeV	10298479	Journal of High Energy Physics	2018	6	9	14	14	6	5
3272	2018	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb ⁻¹ of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector	10298479	Journal of High Energy Physics	2018	6	18	15	4	4	4
3273	2018	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	6	11	6	3	1	1
3274	2018	Measurement of the inclusive and fiducial tt $\bar{t}$ production cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	14346044	European Physical Journal C	78	6	5	1	0	5	1
3275	2018	Search for long-lived charginos based on a disappearing-track signature in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	6	24	20	16	5	9
3276	2018	Biocatalytic Route for the Synthesis of Oligoesters of Hydroxy-Fatty acids and μ -Caprolactone	18606768	Biotechnology Journal	13	6	3	4	1	3	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3277	2018	Firm-level investment in the extractive industry from CEE countries: the role of macroeconomic uncertainty and internal conditions	13094297	Eurasian Business Review	8	2	3	3	0	0	1
3278	2018	Search for the Decay of the Higgs Boson to Charm Quarks with the ATLAS Experiment	319007	Physical Review Letters	120	21	15	16	6	5	5
3279	2018	A complex assessment methodology and procedure for historic roof structures	15583058	International Journal of Architectural Heritage	12	4	2	2	0	0	3
3280	2018	Novel bioinspired approach based on chaotic dynamics for robot patrolling missions with adversaries	10994300	Entropy	20	5	5	5	1	6	4
3281	2018	Search for a Structure in the $B_s^0 \rightarrow \mu^+ \mu^-$ Invariant Mass Spectrum with the ATLAS Experiment	319007	Physical Review Letters	120	20	8	11	3	4	3
3282	2018	Progress in understanding the mechanism of Cr(VI) Removal in Fe(0)-based filtration systems	20734441	Water Switzerland	10	5	3	10	10	7	4
3283	2018	Parametric modeling: A simple and versatile route to solar irradiance	1968904	Energy Conversion and Management	164		4	8	2	3	2
3284	2018	Continuous kinetic resolution of aliphatic and aromatic secondary alcohols by sol-gel entrapped lipases in packed bed bioreactors	9205861	Catalysis Today	306		1	1	1	0	1
3285	2018	Measurement of the cross section for isolated-photon plus jet production in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	780		4	4	5	4	5
3286	2018	Measurement of the production cross-section of a single top quark in association with a Z boson in proton-proton collisions at 13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	780		8	5	3	7	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3287	2018	Phenol adsorption using Aliquat 336 functionalized Zn-Al layered double hydroxide	13835866	Separation and Purification Technology	196		10	10	12	10	8	
3288	2018	Equilibrium and kinetic studies of chromium ions adsorption on Co (II)-based phosphonate metal organic frameworks	1496395	Separation Science and Technology Philadelphia	53	7	2	1	4	8	3	
3289	2018	Adsorption behavior of cesium and strontium onto chitosan impregnated with ionic liquid	1496395	Separation Science and Technology Philadelphia	53	7	5	1	4	4	2	
3290	2018	Use of chitosan complex with aminophosphonic groups and cobalt for the removal of Sr2+ ions	1496395	Separation Science and Technology Philadelphia	53	7	2	4	5	2	4	
3291	2018	Assessment of a novel biomass-coal gasification-based system for hydrogen and power co-generation integrated with chemical looping technology	22825819	European Biomass Conference and Exhibition Proceedings	2018	26thEUBC	0	0	1	0	0	
3292	2018	Emissions and immunity EMC testing at continental automotive Timișoara	18446035	Journal of Electrical and Electronics Engineering	11	1	2	1	0	0	0	
3293	2018	Composition and antioxidant activity of aqueous extracts obtained from herb of tansy (Tanacetum Vulgare L.)	347752	Revista De Chimie	69	5	0	2	2	1	2	
3294	2018	Research on the recycling of pulverulent waste from the ferrous and non-ferrous industry in order to reduced the pollution	347752	Revista De Chimie	69	5	1	4	2	2	1	
3295	2018	Lolium perenne - A phytoremediation option in case of total petroleum hydrocarbons polluted soils	347752	Revista De Chimie	69	5	0	1	1	1	2	
3296	2018	Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}$ =13 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	5	5	6	11	7	11	
3297	2018	Synthesis, characterization of nanosized ZnCr2O4 and its photocatalytic performance in the degradation of humic acid from drinking water	20734344	Catalysts	8	5	3	4	4	4	5	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3298	2018	Integrable Deformations of Three-Dimensional Chaotic Systems	2181274	International Journal of Bifurcation and Chaos	28	5	0	3	2	0	2
3299	2018	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb ⁻¹ of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment	14346044	European Physical Journal C	78	5	4	4	6	5	1
3300	2018	Scalar pair production in a magnetic field in de Sitter universe	14346044	European Physical Journal C	78	5	3	1	1	2	1
3301	2018	Measurement of differential cross sections and $W + \gamma$ cross-section ratios for W boson production in association with jets at $\sqrt{s}=8$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	5	3	7	4	6	6
3302	2018	Electrochemical oxidation of sulphite in neutral media on platinum anode	14523981	International Journal of Electrochemical Science	13	5	2	1	2	1	3
3303	2018	Adsorption, Bioaccumulation and Kinetics Parameters of the Phytoremediation of Cobalt from Wastewater Using Elodea canadensis	74861	Bulletin of Environmental Contamination and Toxicology	100	5	4	6	3	7	3
3304	2018	Experimental and theoretical fracture toughness investigation of PUR foams under mixed mode I+III loading	1429418	Polymer Testing	67		19	10	11	13	8
3305	2018	One-step synthesis of near-infrared reflective brown pigments based on iron-doped lanthanum aluminate, LaAl _{1-x} FexO ₃	1437208	Dyes and Pigments	152		5	4	7	6	1
3306	2018	Security shortcomings and countermeasures for the SAE J1939 commercial vehicle bus protocol	189545	IEEE Transactions on Vehicular Technology	67	5	4	5	7	11	7
3307	2018	Amplitude and Phase Estimation of Real-Valued Sine Wave via Frequency-Domain Linear Least-Squares Algorithms	189456	IEEE Transactions on Instrumentation and Measurement	67	5	1	3	7	4	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3308	2018	Solar radiation synthesis of functional carbonaceous materials using Al ₂ O ₃ /TiO ₂ - Cu-HA doped catalyst	1694332	Applied Surface Science	438		0	0	1	1	0
3309	2018	Noninvasive control solution for energy efficiency in wastewater treatment plants		Proceedings of the IEEE International Conference on Industrial Technology	2018-February		0	0	0	2	1
3310	2018	Lightweight Hardware Architecture for Probabilistic Gradient Descent Bit Flipping on QC-LDPC Codes	2714310	Proceedings IEEE International Symposium on Circuits and Systems	2018-May		0	0	0	0	0
3311	2018	Photovoltaic cell and module I-V characteristic approximation using BÃ©zier curves	20763417	Applied Sciences Switzerland	8	5	4	6	2	4	6
3312	2018	Search for High-Mass Resonances Decaying to $\tilde{l}, \tilde{\nu}_\tau$ in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector	319007	Physical Review Letters	120	16	7	6	7	8	5
3313	2018	Combustion synthesis of iron oxide/carbon nanocomposites, efficient adsorbents for anionic and cationic dyes removal from wastewaters	9258388	Journal of Alloys and Compounds	741		11	10	11	6	4
3314	2018	A search for resonances decaying into a Higgs boson and a new particle X in the XH $\rightarrow$ qqbb final state with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	779		3	3	0	1	0
3315	2018	Design and implementation of a bootloader in the context of intelligent vehicle systems		2017 IEEE Conference on Technologies for Sustainability Sustech 2017	2018-January		1	3	0	0	2
3316	2018	The temperature and anisotropy effect on compressive behavior of cylindrical closed-cell aluminum-alloy foams	9258388	Journal of Alloys and Compounds	740		6	7	7	5	4
3317	2018	Stability and some special orbits for an integrable deformation of the rikitake system		Proceedings 2018 International Conference on Applied Mathematics and Computer Science Icamcs 2018			0	0	0	0	1
3318	2018	Fast analysis of mmf harmonics content in three-phase electrical machines	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	19	2	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
3319	2018	Influence of the spectral image component on the amplitude and phase estimators provided by the interpolated DFT method	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	19	2	0	0	0	0	0
3320	2018	The determination of the noise pollution in a production hall and the diseases produced by it	347752	Revista De Chimie	69	4	0	0	0	1	0
3321	2018	Influence of the bone cements processing on the mechanical properties in cranioplasty	347752	Revista De Chimie	69	4	1	2	3	0	0
3322	2018	Pretreatments testing of high biodiversity inocula with simultaneous biohydrogen production and wastewater treatment	347752	Revista De Chimie	69	4	2	2	2	1	0
3323	2018	Evidence for the associated production of the Higgs boson and a top quark pair with the ATLAS detector	24700010	Physical Review D	97	7	11	12	10	15	14
3324	2018	Search for the standard model Higgs boson produced in association with top quarks and decaying into a $b\bar{b}$ pair in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	97	7	15	17	10	10	9
3325	2018	Dissimilar laser welding of AISI 321 and AISI 1010	13303651	Tehnicki Vjesnik	25	2	2	1	2	1	1
3326	2018	Search for heavy ZZ resonances in the $\gamma\gamma$, $\gamma\gamma^*$, $\gamma^*\gamma^*$ and $\gamma^*\gamma^*\gamma^*$ final states using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	78	4	20	16	12	9	3
3327	2018	Wold-Type Decompositions for a Commutative Pair of Noncommutative Semigroups of Isometries	1266705	Bulletin of the Malaysian Mathematical Sciences Society	41	2	0	0	0	0	0
3328	2018	Electrochemical properties of halogenated benzyldenehydrazino-pyrazoles in various imidazolium-based ionic liquids	269247	Monatshefte Fur Chemie	149	4	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3329	2018	Liquid ejection temperature dependence of structure and glass transition behavior for rapidly solidified Zr-Al-M (M=Ni, Cu or Co) ternary glassy alloys	9258388	Journal of Alloys and Compounds	739		2	1	0	2	1
3330	2018	Small-angle neutron scattering investigations of Co-doped iron oxide nanoparticles. Preliminary results	17426588	Journal of Physics Conference Series	994	1	1	0	0	0	1
3331	2018	Preface		Social Network Analytics for Contemporary Business Organizations			0	2	0	0	1
3332	2018	Social network analytics for contemporary business organizations		Social Network Analytics for Contemporary Business Organizations			0	0	0	0	0
3333	2018	Efficiency of randomised dynamic mode decomposition for reduced order modelling	10618562	International Journal of Computational Fluid Dynamics	32	02-Mar	5	1	5	0	1
3334	2018	The mechanical properties of expanded perlite-aluminium syntactic foam at elevated temperatures	9258388	Journal of Alloys and Compounds	737		20	11	8	13	8
3335	2018	A human resources perspective on responsible corporate behavior. Case study: The multinational companies in western Romania	20711050	Sustainability Switzerland	10	3	7	4	3	5	3
3336	2018	Geostatistical analysis for landslide prediction in Transilvania, Romania	16821750	International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences ISPRS Archives	42	3W4	0	0	0	1	0
3337	2018	Case Study of Engineering Risk in Automotive Industry	22990461	Management Systems in Production Engineering	26	1	0	0	0	0	0
3338	2018	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb ⁻¹ of $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2018	3	11	13	14	5	2
3339	2018	Influence of Cell Topology on Mode I Fracture Toughness of Cellular Structures	10299599	Physical Mesomechanics	21	2	8	0	3	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3340	2018	Stability and Hopf bifurcation analysis for the hypothalamic-pituitary-adrenal axis model with memory	14778599	Mathematical Medicine and Biology	35	1	2	2	0	1	0
3341	2018	Slow pyrolysis of cystoseira barbata brown macroalgae	347752	Revista De Chimie	69	3	2	1	1	0	0
3342	2018	Relationships between microstructure, roughness parameters and ultrasonic cavitation erosion behaviour of nodular cast iron, EN-GJS-400-15	347752	Revista De Chimie	69	3	0	0	0	2	0
3343	2018	Fish ladder numerical modelling	347752	Revista De Chimie	69	3	0	0	0	0	1
3344	2018	Search for electroweak production of supersymmetric states in scenarios with compressed mass spectra at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	97	5	24	8	13	9	10
3345	2018	Search for long-lived, massive particles in events with displaced vertices and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	24700010	Physical Review D	97	5	25	10	20	9	6
3346	2018	Rapid combustion synthesis of Cu ₂ Y ₂ O ₅ as a precursor for CuYO ₂ delafossite	23524928	Materials Today Communications	14		2	0	2	0	4
3347	2018	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	3	15	13	9	5	3
3348	2018	A search for pair-produced resonances in four-jet final states at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	78	3	9	14	11	8	13
3349	2018	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s}=13$ TeV	14346044	European Physical Journal C	78	3	19	17	33	20	13

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3350	2018	Search for W W/W Z resonance production in $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	3	10	9	8	2	2
3351	2018	Searches for heavy ZZ and ZW resonances in the $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	3	6	7	5	8	1
3352	2018	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s}=13$ TeV with ATLAS	14346044	European Physical Journal C	78	3	1	7	2	6	2
3353	2018	Measurement of quarkonium production in proton-lead and proton-proton collisions at 5.02TeV with the ATLAS detector	14346044	European Physical Journal C	78	3	15	13	15	11	8
3354	2018	Silver/graphene-modified boron doped diamond electrode for selective detection of carbaryl and paraquat from water	14523981	International Journal of Electrochemical Science	13	3	1	6	6	4	2
3355	2018	Combined Active Flux and High-Frequency Injection Methods for Sensorless Direct-Flux Vector Control of Synchronous Reluctance Machines	8858993	IEEE Transactions on Power Electronics	33	3	16	17	13	16	17
3356	2018	A novel route for the preparation of CoCr ₂ O ₄ /SiO ₂ nanocomposite starting from Co(II)-Cr(III) carboxylate complex combinations	222461	Journal of Materials Science	53	6	0	0	0	0	0
3357	2018	Clinical relevance of retinal structure in children with laser-treated retinopathy of prematurity versus controls using optical coherence tomography	1755375X	Acta Ophthalmologica	96	2	2	3	4	2	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3358	2018	Optical and electrochemical-mediated detection of ascorbic acid using manganese porphyrin and its gold hybrids	16310748	Comptes Rendus Chimie	21	03-Apr	4	4	4	2	2
3359	2018	A new exact mathematical approach for studying bifurcation in DCM Operated DC-DC switching converters	19961073	Energies	11	3	1	0	1	0	1
3360	2018	Low-energy collisions between electrons and BeD+	9630252	Plasma Sources Science and Technology	27	2	5	4	2	2	1
3361	2018	Measurement of long-range multiparticle azimuthal correlations with the subevent cumulant method in pp and p +Pb collisions with the ATLAS detector at the CERN Large Hadron Collider	24699985	Physical Review C	97	2	10	12	8	10	10
3362	2018	Measurement of the exclusive $\bar{p}p \rightarrow \pi^0 \pi^0$ process in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	777		13	11	4	8	7
3363	2018	Optimal homotopy asymptotic method to large post-buckling deformation of MEMS	22747214	Matec Web of Conferences	148		5	0	7	4	6
3364	2018	The nonlinear thermomechanical vibration of a functionally graded beam on Winkler-Pasternak foundation	22747214	Matec Web of Conferences	148		1	3	1	0	0
3365	2018	Search for B - L R-parity-violating top squarks in $\sqrt{s}=13\text{ TeV}$ pp collisions with the ATLAS experiment	24700010	Physical Review D	97	3	4	4	4	1	1
3366	2018	Effects of a short drilling implant protocol on osteotomy site temperature and drill torque	10566163	Implant Dentistry	27	1	1	1	2	0	0
3367	2018	Greenhouse environment monitoring and control: State of the art and current trends	15829596	Environmental Engineering and Management Journal	17	2	2	3	1	0	1
3368	2018	Numerical modelling of a Town Water distribution network optimum location of quality sensors	347752	Revista De Chimie	69	2	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3369	2018	Measurement of $\tilde{l}_\mu$ polarisation in $Z/\tilde{l}^3\tilde{a}^-\rightarrow\tilde{a}^+\tilde{l}_\mu,\tilde{l}_\mu$ decays in proton–proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	14346044	European Physical Journal C	78	2	0	0	3	1	4
3370	2018	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	14346044	European Physical Journal C	78	2	8	2	5	4	5
3371	2018	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV with the ATLAS detector	14346044	European Physical Journal C	78	2	9	8	8	12	13
3372	2018	Direct top-quark decay width measurement in the $t\bar{t}\rightarrow\text{lepton}+\text{jets}$ channel at $\sqrt{s}=8$ TeV with the ATLAS experiment	14346044	European Physical Journal C	78	2	3	3	1	2	5
3373	2018	Data-driven model reference control of MIMO vertical tank systems with model-free VRFT and Q-Learning	190578	ISA Transactions	73		15	8	7	10	4
3374	2018	A New Algorithm for Predictive Metrological Verification of Measuring Apparatus	22347593	International Journal of Precision Engineering and Manufacturing	19	2	0	0	0	0	1
3375	2018	Measurement of the W-boson mass in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	14346044	European Physical Journal C	78	2	31	37	68	50	41
3376	2018	Simulation of the dynamic response of steel moment frames following sudden column loss. Experimental calibration of the numerical model and application	18670520	Steel Construction	11	1	0	3	1	0	1
3377	2018	Computational Assessment of Pharmacokinetics and Biological Effects of Some Anabolic and Androgen Steroids	7248741	Pharmaceutical Research	35	2	4	4	7	7	10
3378	2018	Non-catalytic, solvent-free synthesis of poly(tartronic-co-glycolic acid) as a versatile coating for different surfaces	9598103	Polymer International	67	2	1	0	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3379	2018	Accurate frequency estimation of a noisy sine-wave by means of an interpolated discrete-time Fourier transform algorithm	2632241	Measurement Journal of the International Measurement Confederation	116		2	4	5	2	2
3380	2018	Data-driven model-free slip control of anti-lock braking systems using reinforcement Q-learning	9252312	Neurocomputing	275		10	14	12	4	6
3381	2018	Influence of the counterion on the geometry of Cu(I) and Cu(II) complexes with 1,10-phenanthroline	201693	Inorganica Chimica Acta	470		3	3	1	0	4
3382	2018	Heavy metal removal from waste waters by phosphonate metal organic frameworks	334545	Pure and Applied Chemistry	90	1	3	0	3	3	2
3383	2018	Asymptotic behavior of discrete evolution families in Banach spaces	36811	Applicable Analysis	97	2	1	0	0	0	0
3384	2018	Elastostatic reversibility in thermally formed bulk metallic glasses: Nanobeam diffraction fluctuation electron microscopy	20403364	Nanoscale	10	3	1	2	3	0	1
3385	2018	Corrigendum to “Structural modifications in sub-Tg annealed CuZr-based metallic glass” [Mater. Sci. Eng.: A 707 (2017) 245–252] (S0921509317311607) (10.1016/j.msea.2017.09.013))	9215093	Materials Science and Engineering A	712		1	0	0	0	0
3386	2018	Methods for maintaining the continuity of power supply in hospitals	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	0	0	1	1
3387	2018	A comparative study of the A* — heuristic search algorithm used to solve efficiently a puzzle game	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	0	0	0
3388	2018	Determination of elastic mechanical characteristics of surface coatings from analysis of signals obtained by impulse excitation	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3389	2018	Surface treatments for aluminium alloys	17578981	Iop Conference Series Materials Science and Engineering	294	1	2	9	4	4	6
3390	2018	Mathematical and physical modeling of thermal stratification phenomena in steel ladles	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	2
3391	2018	General aspects of speed increaser gearboxes	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	0
3392	2018	Social humanoid robot SARA: Development of the wrist mechanism	17578981	Iop Conference Series Materials Science and Engineering	294	1	2	2	0	0	1
3393	2018	Study of materials used for the thermal protection of the intake system for internal combustion engines	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	2	1	0	0
3394	2018	Hydroelectric power plant with variable flow on drinking water adduction	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	0	0	1	0
3395	2018	Critical analysis of the influence of the possibilities of establishing the moulding technology on obtaining the castings	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	1	0	0
3396	2018	Time series prediction in the case of nonlinear loads by using ADALINE and NAR neural networks	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	2	3	0
3397	2018	Power factor improvement in three-phase networks with unbalanced inductive loads using the Roederstein ESTAmat RPR power factor controller	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	0
3398	2018	Comparative study of oxihydrogen injection in turbocharged compression ignition engines	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	1
3399	2018	An evolutionary sensor approach for self-organizing production chains	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	0
3400	2018	Determination of the unsulfonated color concentration from D&C Yellow No. 10 by the derivative spectrophotometry	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	1	0	0
3401	2018	Determination of the critical bending speeds of a multy-rotor shaft from the vibration signal analysis	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3402	2018	Statistical research using the multiple regression analysis in areas of the cast hipereutectoid steel rolls manufacturing	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	2	0	0	1
3403	2018	Wind turbine remote control using Android devices	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	0	0	0
3404	2018	Internal services simulation control in 220/110kV power transformer station Mintia	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	0
3405	2018	Hardware-in-the-Loop emulator for a hydrokinetic turbine	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	2
3406	2018	Research regarding the vacuuming of liquid steel on steel degassing	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	1	0	0
3407	2018	Directions for material recovery of used tires and their use in the production of new products intended for the industry of civil construction and pavements	17578981	Iop Conference Series Materials Science and Engineering	294	1	4	15	10	9	7
3408	2018	The behaviour of a vehicle's suspension system on dynamic testing conditions	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	1	0	1	1
3409	2018	Aspects regarding manufacturing technologies of composite materials for brake pad application	17578981	Iop Conference Series Materials Science and Engineering	294	1	3	2	0	1	1
3410	2018	Issues regarding the usage of MPPT techniques in micro grid systems	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	0	0	0	0
3411	2018	Researches on the development of new composite materials complete / partially biodegradable using natural textile fibers of new vegetable origin and those recovered from textile waste	17578981	Iop Conference Series Materials Science and Engineering	294	1	5	1	5	3	4
3412	2018	Modelling in 3D the olive trees cultures in order to establish the forces (interval) needed for automatic harvesting	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	0
3413	2018	Cooling water flow control realized with systems based on fuzzy mechanism	17578981	Iop Conference Series Materials Science and Engineering	294	1	2	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3414	2018	The use of Rz roughness parameter for evaluation of materials behavior to cavitation erosion	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	1	0	2	0	
3415	2018	Determination of the wind power systems load to achieve operation in the maximum energy area	17578981	Iop Conference Series Materials Science and Engineering	294	1	2	1	0	0	0	
3416	2018	Minimal algorithm for running an internal combustion engine	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	1	0	0	
3417	2018	Optimizing the switching time for 400 kV SF6 circuit breakers	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	2	0	0	
3418	2018	Automation of water supply and recirculation-filtration of water at a swimming pool using Zelio PLC	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	0	
3419	2018	Study of a phase-to-ground fault on a 400 kV overhead transmission line	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	0	0	0	0	
3420	2018	Particular mechanism for continuously varying the compression ratio for an internal combustion engine	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	0	0	0	
3421	2018	Analysis of whole-body vibration on rheological models for tissues	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	0	1	0	0	
3422	2018	Modeling and simulation of cars in frontal collision	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	1	4	0	
3423	2018	Statistical experiments using the multiple regression research for prediction of proper hardness in areas of phosphorus cast-iron brake shoes manufacturing	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	0	0	0	0	
3424	2018	Analysis of gear reducer housing using the finite element method	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	1	0	
3425	2018	Study regarding the influence of environmental temperature and irradiation conditions on the performance of a photovoltaic solar module	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3426	2018	Study on the influence of supplying compressed air channels and evacuating channels on pneumatic oscillation systems for vibromoulding	17578981	Iop Conference Series Materials Science and Engineering	294	1	2	0	0	0	1
3427	2018	Highlighting the harmonic regime generated by electric locomotives equipped with DC motors	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	0
3428	2018	The numerical modelling of mixing phenomena of nanofluids in passive micromixers	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	0	0	0	1
3429	2018	Study of the influence of the cutting temperature on the magnitude of the contact forces in the machining fixtures	17578981	Iop Conference Series Materials Science and Engineering	294	1	3	0	2	0	0
3430	2018	Methods of silver recovery from radiographs - Comparative study	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	1	1	0	0
3431	2018	Adaptive neuro fuzzy system for modelling and prediction of distance pantograph catenary in railway transportation	17578981	Iop Conference Series Materials Science and Engineering	294	1	1	1	1	2	1
3432	2018	Experimental model of a wind energy conversion system	17578981	Iop Conference Series Materials Science and Engineering	294	1	0	1	0	0	0
3433	2018	Search for an invisibly decaying Higgs boson or dark matter candidates produced in association with a Z boson in pp collisions at s=13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	776		11	12	8	13	9
3434	2018	Measurement of differential cross sections of isolated-photon plus heavy-flavour jet production in pp collisions at s=8 TeV using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	776		2	3	3	1	1
3435	2018	Fuzzy logic-based adaptive control scheme for magnetic levitation systems		Proceedings 2017 IEEE 5th International Symposium on Robotics and Intelligent Sensors Iris 2017	2018-January		2	0	0	0	0
3436	2018	Hybrid-loop controlled solar tracker for hybrid solar energy harvester		2017 25th Telecommunications Forum Telfor 2017 Proceedings	2017-January		1	0	2	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3437	2018	Airify-A mobile solution for monitoring air quality in urban areas		2017 25th Telecommunications Forum Telfor 2017 Proceedings	2017-January		3	0	0	0	0
3438	2018	Comparison metrics for the output of a mixed fixed point and floating point graphics pipeline		2017 25th Telecommunications Forum Telfor 2017 Proceedings	2017-January		0	0	1	0	0
3439	2018	Automotive instrument cluster screen content validation		2017 25th Telecommunications Forum Telfor 2017 Proceedings	2017-January		0	0	1	1	0
3440	2018	Behaviour of thin-walled cold-formed steel members in eccentric compression	0094243X	Aip Conference Proceedings	1922		0	2	0	0	0
3441	2018	Multi-Hazard Risk Mitigation through Application of Seismic Design Rules	10139826	Key Engineering Materials	763 KEM		0	0	1	1	0
3442	2018	Theoretical Study on Steel Reinforced Concrete Hybrid Walls with Centered and Staggered Openings	10139826	Key Engineering Materials	763 KEM		0	1	0	0	0
3443	2018	New treatment for dentistry regeneration based on metronidazole release from collagen/strontium sponges	255289	Materiale Plastice	55	2	0	2	0	0	0
3444	2018	Application of grey wolf optimization in fuzzy controller tuning for servo systems		Swarm Intelligence Volume 2 Innovation New Algorithms and Methods			2	0	0	0	0
3445	2018	Eco-friendly solution for wastes resulted from the removal of Cr(VI) with FeO immobilization in glass based stoneware matrix	15833186	Revista Romana De Materiale Romanian Journal of Materials	48	3	0	2	0	0	0
3446	2018	Gain-scheduling position control approaches for electromagnetic actuated clutch systems		Icinco 2018 Proceedings of the 15th International Conference on Informatics in Control Automation and Robotics	2		0	0	0	0	1
3447	2018	Microcellular foam light weight plastic molding technology		Fisita World Automotive Congress 2018	2018-October		1	0	0	0	0
3448	2018	Experimental testson the plasticity and deformability characteristics of several stainless steel grades used for hydroâ€ pneumatic equipment's manufacturing	17858860	Acta Polytechnica Hungarica	15	8	1	0	0	0	0
3449	2018	Mark tracking technique for experimental determination of fracture parameters	24523216	Procedia Structural Integrity	13		0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3450	2018	LoRaWAN based industrial emission monitoring with self-flying drone	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	18	4.3	2	0	0	0	1
3451	2018	Assessment of lean manufacturing and sustainability relationship in production processes		Proceedings of the 32nd International Business Information Management Association Conference Ibima 2018 Vision 2020 Sustainable Economic Development and Application of Innovation Management from Regional Expansion to Global Growth			0	0	0	0	0
3452	2018	Analysis of policies and regulations for a sustainable smart mobility system		Proceedings of the 32nd International Business Information Management Association Conference Ibima 2018 Vision 2020 Sustainable Economic Development and Application of Innovation Management from Regional Expansion to Global Growth			0	0	0	0	1
3453	2018	Competition-based benchmarking of influence ranking methods in social networks	10762787	Complexity	2018		3	1	2	1	1
3454	2018	Optimal control based on the polynomial least squares method	1024123X	Mathematical Problems in Engineering	2018		1	1	0	0	1
3455	2018	A Study on Correlation between Air Pollution and Traffic		2018 26th Telecommunications Forum Telfor 2018 Proceedings			3	1	0	3	3
3456	2018	Portable Device for Remote Control of a Vehicle		2018 26th Telecommunications Forum Telfor 2018 Proceedings			0	0	1	0	0
3457	2018	Towards Wearable Air Quality Monitoring Systems - Initial Assessments on Newly Developed Sensors		2018 26th Telecommunications Forum Telfor 2018 Proceedings			1	1	1	2	0
3458	2018	Search Engine Creation for a Web Platform Where the Data of Sun Follower Robots are Stored		2018 26th Telecommunications Forum Telfor 2018 Proceedings			0	0	0	0	2
3459	2018	Influence of TiB2 addition on the mechanical and tribological properties of NiCrBSi deposited by flame spraying.	326895	Materiaux Et Techniques	106	2	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3460	2018	Gas distribution companies: How can knowledge management promote occupational health and safety?		Occupational Safety and Hygiene Vi Selected Contributions from the International Symposium Occupational Safety and Hygiene Sho 2018			0	0	0	0	0		
3461	2018	Second Order Intelligent Proportional-Integral Fuzzy Control of Twin Rotor Aerodynamic Systems	18770509	Procedia Computer Science	139		22	21	10	6	8		
3462	2018	The role of a car manufacturing plant's internal performance in shaping strategic management choices in automotive industry		Proceedings of the 31st International Business Information Management Association Conference Ibima 2018 Innovation Management and Education Excellence Through Vision 2020			1	0	0	0	0		
3463	2018	Study over corruption and European economic convergence		Proceedings of the 31st International Business Information Management Association Conference Ibima 2018 Innovation Management and Education Excellence Through Vision 2020			0	0	0	0	1		
3464	2018	Hazard analyses and risk assessment (HARA) interface with design for Six Sigma (DFSS) in automotive industry		Proceedings of the 31st International Business Information Management Association Conference Ibima 2018 Innovation Management and Education Excellence Through Vision 2020			0	0	0	0	0		
3465	2018	A study of the behavior adaptation dimension the case of a multicultural virtual organization		Proceedings of the 31st International Business Information Management Association Conference Ibima 2018 Innovation Management and Education Excellence Through Vision 2020			0	0	0	0	0		
3466	2018	Mixed mode fracture toughness of particleboard	24523216	Procedia Structural Integrity	9		0	1	0	1	0		
3467	2018	Global and local versions for a PhÃ“ng VÃ“ theorem for periodic evolution families in Hilbert spaces	10726691	Electronic Journal of Differential Equations	2018	188	0	0	0	0	0		
3468	2018	New Trends in Monitoring and Removing the Pollutants from Water	20909063	Journal of Chemistry	2018		2	1	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3469	2018	Considerations concerning the importance of the capping layer in the design of sustainable road pavements	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	18	3.2	0	0	0	2	0
3470	2018	Hydraulic and solute pollutants transport modeling, water catchments area, Village Giarmata, Romania	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	18	3.1	0	0	0	1	0
3471	2018	Assessment of rf transceivers placed in remote control devices	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	18	2.1	0	0	1	0	0
3472	2018	A few aspects concerning the influence of the electrodes on the sf6 insulation dielectric behavior	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	18	6.1	0	0	0	0	0
3473	2018	Considerations concerning the determination and interpretation of marshall flow values in asphalt concretes	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	18	6.3	0	0	0	0	0
3474	2018	Interpretation of laboratory test results to determine the bitumen dosage for asphalt concretes	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	18	6.3	1	0	0	0	0
3475	2018	Effects of combining Stein's unbiased risk estimate and wavelets for denoising magnetocardiograms	354066	Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique	63	3	2	0	0	0	0
3476	2018	Experiments in incremental online identification of fuzzy models of finger dynamics	14538245	Romanian Journal of Information Science and Technology	21	4	9	6	2	0	0
3477	2018	ANN based short-term load curve forecasting	18419836	International Journal of Computers Communications and Control	13	6	1	2	1	2	3
3478	2018	Experimental Tests for Pre-Qualification of a Set of Buckling-Restrained Braces	10139826	Key Engineering Materials	763 KEM		2	0	0	2	0
3479	2018	Gain-scheduling control solutions for magnetic levitation systems	17858860	Acta Polytechnica Hungarica	15	5	3	4	0	0	0
3480	2018	The determination of the maximum runoff in the representative and experimental hydrographical basin of Sebes river (Banat, Romania)	1506218X	Rocznik Ochrona Srodowiska	20		0	0	2	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3481	2018	Thermochemical properties and kinetic study of residual waters used inside anaerobe fermentation for biogas production	13115065	Journal of Environmental Protection and Ecology	19	3	0	1	1	0	0
3482	2018	Experimental study of sintered friction material with coconut fiber for brake pads	255289	Materiale Plastice	55	3	2	0	2	1	1
3483	2018	Arsenic adsorption into the fixed bed column from drinking groundwater	1746448X	Wit Transactions on Ecology and the Environment	228		0	2	0	0	0
3484	2018	Decolorization by Fusion	21693536	IEEE Access	6		0	0	2	0	0
3485	2018	I-HAZE: A Dehazing Benchmark with Real Hazy and Haze-Free Indoor Images	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	11182 LNCS		19	34	50	55	75
3486	2018	Mixed Reality Supporting Modern Medical Education	9269630	Studies in Health Technology and Informatics	255		4	5	3	4	4
3487	2018	Harnessing Ontologies to Improve Prescription in Pediatric Medicine	9269630	Studies in Health Technology and Informatics	255		0	0	0	1	1
3488	2018	Fuzzy performance evaluation in Romanian banking industry		Proceedings of 2018 the 8th International Workshop on Computer Science and Engineering Wcse 2018			0	1	0	0	0
3489	2018	Ionic salts of nicotinic acid as multifunctional materials	353930	Revue Roumaine De Chimie	63	05-Jun	1	0	0	0	0
3490	2018	New mononuclear cobalt(III) and manganese(III) complexes containing a hexadentate schiff base ligand	353930	Revue Roumaine De Chimie	63	05-Jun	1	1	1	0	0
3491	2018	Steel antenna towers - From designing to manufacturing optimization	17578981	Iop Conference Series Materials Science and Engineering	399	1	1	0	1	1	0
3492	2018	Applications of pairing-based cryptography on automotive-grade microcontrollers	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	11094 LNCS		0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3493	2018	Analysis of Nonlinear Dynamic Behavior of a Rotating Electrical Machine Rotor-Bearing System Using Optimal Auxiliary Functions Method	21941009	Springer Proceedings in Mathematics and Statistics	249		1	1	0	0	1
3494	2018	Stabilization and Analytic Approximate Solutions of an Optimal Control Problem	23915471	Open Physics	16	1	0	0	0	0	0
3495	2018	Measurement of the Soft-Drop Jet Mass in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	319007	Physical Review Letters	121	9	20	10	8	10	8
3496	2018	Driver Alcohol Detection System Based on Virtual Instrumentation	24058963		51	6	0	1	6	1	4
3497	2018	High concentration aqueous magnetic fluids: structure, colloidal stability, magnetic and flow properties	1744683X	Soft Matter	14	32	9	8	9	5	6
3498	2018	On the lateral compressive behavior of empty and ex-situ aluminum foam-filled tubes at high temperature	19961944	Materials	11	4	8	9	3	5	3
3499	2018	Scanning electron microscopy evaluation of the root canal morphology after Er:YAG laser irradiation	12200522	Romanian Journal of Morphology and Embryology	59	1	0	2	1	1	2
3500	2018	Measurements of $t\bar{t}A$ differential cross-sections of highly boosted top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector	24700010	Physical Review D	98	1	10	12	7	8	5
3501	2018	Sun photometer - Remote sensing for aerosol assessment	13115065	Journal of Environmental Protection and Ecology	19	2	0	0	0	1	0
3502	2018	Designing a collaborative learning hub for virtual mobility skills - Insights from the european project open virtual mobility	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	10924 LNCS		6	6	0	3	0
3503	2018	A Computer-Based Speech Sound Disorder Screening System Architecture	9269630	Studies in Health Technology and Informatics	251		1	0	0	0	1
3504	2018	Hand Rehabilitation Using a 3D Environment and Leap Motion Device	9269630	Studies in Health Technology and Informatics	251		0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3505	2018	Supporting Prescriptions with Synonym Matching of Section Names in Prospectuses	9269630	Studies in Health Technology and Informatics	251		0	0	1	2	3
3506	2018	Mixed profile method of speed and location for robotic arms motion used for precise positioning	2158107X	International Journal of Advanced Computer Science and Applications	9	5	1	0	0	1	0
3507	2018	Stability and Energy-Casimir Mapping for Integrable Deformations of the Kermack-McKendrick System	16879120	Advances in Mathematical Physics	2018		0	2	2	1	2
3508	2018	Influence of technological parameters on the dimension of GEAR parts generated with PLA matherial by FDM 3D printing	255289	Materiale Plastice	55	2	1	1	0	3	3
3509	2018	Energy of graphs and remote graphs in hypercubes, rhombellanes and fullerenes	3406253	Match	80	3	2	0	0	2	0
3510	2018	Gain-Scheduling Control Solutions for a Strip Winding System with Variable Moment of Inertia	24058963	IFAC Papersonline	51	4	0	0	2	0	0
3511	2018	Implications of structural model on the design of steel moment resisting frames	18748368	Open Construction and Building Technology Journal	12		0	0	1	1	0
3512	2018	Robot coverage path planning based on Iterative Structured Orientation	17858860	Acta Polytechnica Hungarica	15	2	4	1	4	5	0
3513	2018	Search for photonic signatures of gauge-mediated supersymmetry in 13 TeV pp collisions with the ATLAS detector	24700010	Physical Review D	97	9	8	7	9	12	7
3514	2018	Would the human brain be able to erect specific effects due to the magnetic field component of an UHF field via magnetite nanoparticles?	19378726	Progress in Electromagnetics Research M	69		0	3	0	0	1
3515	2018	Removal of Colored Organic Pollutants from Wastewaters by Magnetite/Carbon Nanocomposites: Single and Binary Systems	20909063	Journal of Chemistry	2018		14	10	9	10	10

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3516	2018	Serum protein electrophoretic pattern in neonatal calves treated with clinoptilolite	14203049	Molecules	23	6	1	4	0	3	1
3517	2018	Experimental method for dynamic evaluation of spinal column deformation exercises	22110984	Mechanisms and Machine Science	57		0	0	0	2	0
3518	2018	Sustainable development of Romanian cities through biogas production from municipal wastes and application in co-combustion processes	3549836	Thermal Science	22	2	2	0	1	0	1
3519	2018	An approach to the design of nonlinear state-space control systems	12201766	Studies in Informatics and Control	27	1	18	5	1	1	0
3520	2018	Fuzzy logic and PD control strategies of a three-phase electric arc furnace	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	10840 LNCS		0	0	0	3	0
3521	2018	Simultaneous removal of humic acid and arsenic(III) From drinking water using TiO ₂ -powdered activated carbon	13115065	Journal of Environmental Protection and Ecology	19	1	3	1	0	0	0
3522	2018	A vehicle collision-warning system based on multi-peer connectivity and off-the-shelf smart-devices	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	10694 LNCS		1	0	0	0	0
3523	2018	$ZZ\hat{\alpha}^+\hat{\alpha}^- - \hat{\alpha}^2 + \hat{\alpha}^2$ - s-section measurements and search for anomalous triple gauge couplings in 13 TeV p p collisions with the ATLAS detector	24700010	Physical Review D	97	3	8	11	6	7	12
3524	2018	Finite element analysis of composite replaceable short links	10139826	Key Engineering Materials	763		1	2	1	0	1
3525	2018	Aproximate analytical solutions for thin film flow of a fourth grade fluid down a vertical cylinder	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	19	1	0	6	2	5	2
3526	2018	Laser scanners with rotational risley prisms: Exact scan patterns	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	19	1	5	4	5	5	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3527	2018	Pharmaceutically active compounds degradation using doped TiO2 functionalized zeolite photocatalyst	347752	Revista De Chimie	69	1	4	0	1	0	1	
3528	2018	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2018	1	36	26	17	17	12	
3529	2018	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector	10298479	Journal of High Energy Physics	2018	1	55	33	20	10	11	
3530	2018	A novel high accuracy PV cell model including self heating and parameter variation	19961073	Energies	11	1	0	5	5	0	3	
3531	2018	Corrosion behavior of Ni-Cr dental casting alloys	14523981	International Journal of Electrochemical Science	13	1	3	6	2	2	5	
3532	2018	Relative and absolute angles computed from pathologic gait data	9308989	Springer Proceedings in Physics	198		0	1	0	0	0	
3533	2018	On acoustic comfort in urban transport on rails	9308989	Springer Proceedings in Physics	198		0	0	2	0	0	
3534	2018	Selection of measurement strategy for the assessment of long-term environmental noise indicators using multi-criteria optimization	9308989	Springer Proceedings in Physics	198		0	1	3	0	1	
3535	2018	Prototype device for mastoid obliteration in pediatric cholesteatoma patients	9308989	Springer Proceedings in Physics	198		0	1	0	0	0	
3536	2018	Vibration of nonlinear nonlocal elastic column with initial imperfection	9308989	Springer Proceedings in Physics	198		1	4	1	1	1	
3537	2018	Free oscillations of euler-bernoulli beams on nonlinear Winkler-Pasternak foundation	9308989	Springer Proceedings in Physics	198		0	3	1	0	1	
3538	2018	Reaction of 2-propanol with ozone in aqueous media	431354	Water Research	128		2	1	4	0	5	
3539	2018	New learning and new teaching in higher education. Formal vs. Informal learning	21945357	Advances in Intelligent Systems and Computing	634		0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3540	2018	Logistics scenario for wind turbine assembly based on ERP	21945357	Advances in Intelligent Systems and Computing	634		0	0	0	0	0
3541	2018	An application of the multi period decision trees in the sustainable medical waste investments	21945357	Advances in Intelligent Systems and Computing	634		1	1	0	0	1
3542	2018	Application of the fuzzy-pay-off method in the valuation of a financial instrument	21945357	Advances in Intelligent Systems and Computing	634		0	0	0	0	0
3543	2018	Color Balance and Fusion for Underwater Image Enhancement	10577149	IEEE Transactions on Image Processing	27	1	74	111	198	196	250
3544	2018	Structural and magnetic properties of CoFe2O4 nanopowders, prepared using a modified Pechini method	2728842	Ceramics International	44	1	2	7	5	5	4
3545	2018	Computer aided posture screening using the microsoft kinect on professional computer users for malicious postures	21945357	Advances in Intelligent Systems and Computing	633		0	1	0	0	0
3546	2018	Issues regarding the tuning of a minimum variance adaptive controller	21945357	Advances in Intelligent Systems and Computing	633		1	1	0	0	0
3547	2018	Digital sunshade using head-up display	21945357	Advances in Intelligent Systems and Computing	633		1	1	0	1	0
3548	2018	IoTThings: A platform for building up the internet of things	21945357	Advances in Intelligent Systems and Computing	633		0	2	0	0	0
3549	2018	Design and lab tests of a scaled leg exoskeleton with electric actuators	22110984	Mechanisms and Machine Science	49		0	2	1	2	1
3550	2018	An Imprecise Stopping Criterion Based on In-Between Layers Partial Syndromes	10897798	IEEE Communications Letters	22	1	2	2	1	0	0
3551	2018	The Temperature Effect on the Compressive Behavior of Closed-Cell Aluminum-Alloy Foams	10599495	Journal of Materials Engineering and Performance	27	1	10	13	9	9	4
3552	2018	Preparation of CuCr2O4 nanopowders using two different chromium sources	13886150	Journal of Thermal Analysis and Calorimetry	131	1	0	0	1	1	0
3553	2018	Synthesis and characterization of ZnAl2O4 spinel from Zn(II) and Al(III) carboxylates	13886150	Journal of Thermal Analysis and Calorimetry	131	1	1	2	1	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3554	2018	Thermal and spectroscopic analysis of Co(II)â€“Fe(III) polyglyoxylate obtained through the reaction of ethylene glycol with metal nitrates	13886150	Journal of Thermal Analysis and Calorimetry	131	1	2	1	1	0	1
3555	2017	Fermion production by a dependent of time electric field in de Sitter universe	0217751X	International Journal of Modern Physics A	32	36	4	1	1	1	1
3556	2017	A smart solution for a smart grid: Unbalanced reactive power compensation		2017 Electric Vehicles International Conference Ev 2017	2017-January		0	0	0	1	0
3557	2017	Femtoscopia with identified charged pions in proton-lead collisions at âˆšsNN =5.02 TeV with ATLAS	24699985	Physical Review C	96	6	1	1	2	2	5
3558	2017	Organizational knowledge management with Big Data. the foundation of using artificial intelligence	18436730	Balkan Region Conference on Engineering and Business Education	3	1	0	4	2	0	4
3559	2017	Optimizing the lanthanum adsorption process onto chemically modified biomaterials using factorial and response surface design	3014797	Journal of Environmental Management	204		8	6	5	1	2
3560	2017	Analysis and Design of Cost-Effective, High-Throughput LDPC Decoders	10638210	IEEE Transactions on Very Large Scale Integration VLSI Systems	26	3	4	7	4	5	2
3561	2017	Reactive collisions of electrons with H 2 +, HD+, BeH+, BeD+ and SH+	0094243X	Aip Conference Proceedings	1916		1	2	0	0	0
3562	2017	Development of Ti-Nb-Zr shape memory alloys	0094243X	Aip Conference Proceedings	1916		0	1	0	0	1
3563	2017	Optimization of multicore-shell Fe3O4-SiO2 magnetic nanocomposites synthesis and retention in cellulose pulp	0094243X	Aip Conference Proceedings	1916		2	0	0	0	0
3564	2017	A new hybrid Boost-L converter		19th International Symposium on Power Electronics Ee 2017	2017-December		1	2	1	0	0
3565	2017	Large wind generators design, performance and control: An overview		19th International Symposium on Power Electronics Ee 2017	2017-December		0	0	0	1	0
3566	2017	Study of the material of the ATLAS inner detector for Run 2 of the LHC	17480221	Journal of Instrumentation	12	12	6	1	2	5	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3567	2017	Structural modification through pressurized sub-Tg annealing of metallic glasses	218979	Journal of Applied Physics	122	21	4	3	2	0	5
3568	2017	Mitigation of cr(Vi) aqueous pollution by the reuse of iron-contaminated water treatment residues	23057084	Chemengineering	1	2	0	1	0	0	0
3569	2017	Seismic vulnerability and damage speedy estimation of an urban sector within the municipality of San Potito Sannitico (Caserta, Italy)	18741495	Open Civil Engineering Journal	11		11	5	9	6	0
3570	2017	Microstructure and Cavitation Erosion Resistance of the X2CrNiMoN22-5-3 Duplex Stainless Steel Subjected to Laser Nitriding	347752	Revista De Chimie	68	12	0	1	0	0	0
3571	2017	Cavitation Erosion Behaviour of Cooper Base Layers Deposited by HVOF Thermal Spraying	347752	Revista De Chimie	68	12	3	3	2	0	0
3572	2017	Cavitation erosion of 17-4 PH stainless steels following sub-zero treatment	18625282	International Journal of Materials Research	108	12	1	0	1	0	0
3573	2017	The effect of the solution treatment onto the microstructure and mechanical properties of MAG pulsed welded joints from X2CrNiMoN22-5-3 Duplex stainless steels: Einfluss der LösungsglÄhtemperatur auf GefÄge und mechanische Eigenschaften von Metallaktivgas-SchweiÄverbindungen aus Duplexstahl (X2CrNiMoN22-5-3)	9335137	Materialwissenschaft Und Werkstofftechnik	48	11	3	0	0	0	0
3574	2017	Chitosan-Graphene Oxide 3D scaffolds as Promising Tools for Bone Regeneration in Critical-Size Mouse Calvarial Defects	20452322	Scientific Reports	7	1	15	19	22	12	6
3575	2017	On the approximation of $C0$ "semigroups on the dual of a banach space	18463886	Operators and Matrices	11	4	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3576	2017	Virtual reference feedback tuning of model-free control algorithms for servo systems	20751702	Machines	5	4	4	7	3	1	2
3577	2017	Magnetoresponsive polymer networks as adsorbents for the removal of U(VI) ions from aqueous media	143057	European Polymer Journal	97		3	1	2	5	0
3578	2017	Breaking up friendships in exams: A case study for minimizing student cheating in higher education using social network analysis	3601315	Computers and Education	115		5	2	6	2	3
3579	2017	Failure analysis of historical buildings due to climate change	13506307	Engineering Failure Analysis	82		5	4	4	5	5
3580	2017	Assisted green remediation of chromium pollution	3014797	Journal of Environmental Management	203		4	6	1	0	1
3581	2017	A kinetic approach on hexavalent chromium removal with metallic iron	3014797	Journal of Environmental Management	203		3	1	0	2	0
3582	2017	Hopf bifurcations in an extended Lorenz system	16871839	Advances in Difference Equations	2017	1	0	0	0	0	0
3583	2017	Unrolled layered architectures for non-surjective finite alphabet iterative decoders		2017 IEEE Nordic Circuits and Systems Conference Norcas 2017 Norchip and International Symposium of System on Chip Soc 2017 Proceedings	2017-January		1	1	0	0	0
3584	2017	Study of ordered hadron chains with the ATLAS detector	24700010	Physical Review D	96	9	1	1	1	1	1
3585	2017	Numerical assessment of pulsating water jet in the conical diffusers	0094243X	Aip Conference Proceedings	1906		2	1	0	1	0
3586	2017	Tensor product-based model transformation for level control of vertical three tank systems		Ines 2017 IEEE 21st International Conference on Intelligent Engineering Systems Proceedings	2017-January		0	0	1	0	0
3587	2017	Network events in the dynamic selection of real-time session fault tolerant routes		Ines 2017 IEEE 21st International Conference on Intelligent Engineering Systems Proceedings	2017-January		0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3588	2017	An implementation of loop fusion for improving performance and energy consumption of shared-memory parallel codes		Proceedings 2017 IEEE 13th International Conference on Intelligent Computer Communication and Processing Iccp 2017			0	0	0	0	1
3589	2017	Experimental testing and numerical modelling of steel moment-frame connections under column loss	1410296	Engineering Structures	151		17	23	31	23	33
3590	2017	The temperature effect on the axial quasi-static compressive behavior of ex-situ aluminum foam-filled tubes	2638223	Composite Structures	180		14	8	9	9	6
3591	2017	Scalable interconnected home automation system		2017 21st International Conference on System Theory Control and Computing Iccstcc 2017			0	0	0	0	1
3592	2017	Combined control solution for an advanced mechatronics application		2017 21st International Conference on System Theory Control and Computing Iccstcc 2017			0	0	0	0	0
3593	2017	Normative characteristics of perceived self-efficacy	20760760	Social Sciences	6	4	3	3	1	3	4
3594	2017	Real time system for measuring the pantograph vertically movement		Proceedings 2017 IEEE 15th International Conference on Industrial Informatics Indin 2017			0	0	2	1	2
3595	2017	Achieving interoperability using low-cost middleware OPC UA wrapping structure. Case study in the water industry		Proceedings 2017 IEEE 15th International Conference on Industrial Informatics Indin 2017			2	4	1	0	0
3596	2017	Measurement of jet pT correlations in Pb + Pb and pp collisions at sNN=2.76 TeVwith the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	774		0	4	2	4	4
3597	2017	Search for Heavy Higgs Bosons A /H Decaying to a Top Quark Pair in pp Collisions at s =8 TeV with the ATLAS Detector	319007	Physical Review Letters	119	19	20	10	10	8	6
3598	2017	Structural modifications in sub-Tg annealed CuZr-based metallic glass	9215093	Materials Science and Engineering A	707		4	5	4	2	2

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							2020	2021	2022	2023	2024
3599	2017	Multiphase hybrid buck-boost converter with wide conversion ratio		2017 19th European Conference on Power Electronics and Applications EPE 2017 Ecce Europe	2017-January		0	0	0	0	0
3600	2017	Seismic Behaviour of Composite Steel Fibre Reinforced Concrete Shear Walls	17578981	Iop Conference Series Materials Science and Engineering	245	2	1	2	1	3	0
3601	2017	Urban Mobility Analysis on Efficiency and Sustainability by Means of Transportation	17578981	Iop Conference Series Materials Science and Engineering	245	8	0	0	0	0	0
3602	2017	Integrated Water Hazards Engineering Based on Mapping, Nature-Based and Technical Solutions	17578981	Iop Conference Series Materials Science and Engineering	245	2	0	0	0	0	0
3603	2017	Integration of Composite Structures in Modern Day Architecture: Case Study of City Business Centre, Timisoara, Romania	17578981	Iop Conference Series Materials Science and Engineering	245	8	0	0	0	0	1
3604	2017	Integrated Hydrographical Basin Management. Study Case - Crasna River Basin	17578981	Iop Conference Series Materials Science and Engineering	245	3	0	2	1	2	0
3605	2017	Network of Green Areas within Collective Housing Communities - Case Study from TimiÅoara, Romania	17578981	Iop Conference Series Materials Science and Engineering	245	8	1	0	0	0	1
3606	2017	Particularities of Expropriation Works for Highways and Regional Planning in Romania	17578981	Iop Conference Series Materials Science and Engineering	245	8	0	0	0	0	0
3607	2017	Numerical Limitations of 1D Hydraulic Models Using MIKE11 or HEC-RAS software - Case study of Baraolt River, Romania	17578981	Iop Conference Series Materials Science and Engineering	245	7	2	3	3	6	2
3608	2017	Modelling of Sediment Transport of the Mehadica River, Caras Severin County, Romania	17578981	Iop Conference Series Materials Science and Engineering	245	3	0	2	0	1	1
3609	2017	Conversion of a Temporary Tent with Steel Frame into a Permanent Warehouse	17578981	Iop Conference Series Materials Science and Engineering	245	2	0	0	0	0	0
3610	2017	Rural Systematization as an Instrument of Political Control of the Communist Regime in Romania	17578981	Iop Conference Series Materials Science and Engineering	245	5	0	0	0	0	0

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							2020	2021	2022	2023	2024
3611	2017	Large Prefabricated Concrete Panels Collective Dwellings from the 1970s: Context and Improvements	17578981	Iop Conference Series Materials Science and Engineering	245	5	0	0	2	0	0
3612	2017	Measuring Air Quality in a Construction Site Biotope Using the AQM-65 Analyser	17578981	Iop Conference Series Materials Science and Engineering	245	5	0	0	1	0	0
3613	2017	Comparative Study of the Volumetric Methods Calculation Using GNSS Measurements	17578981	Iop Conference Series Materials Science and Engineering	245	5	0	0	1	0	0
3614	2017	MAGNUS - An ultra-high specific torque PM Axial flux type motor with flux focusing and modulation		2017 IEEE Energy Conversion Congress and Exposition Ecce 2017	2017-January		1	1	0	2	3
3615	2017	Energy profiling for different Bluetooth low energy designs		Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs 2017	2		1	0	1	1	0
3616	2017	Heat transfer and hydraulic performance models for a family of aluminum plate heat exchanger with transversal offset strip fins	8916152	Experimental Heat Transfer	30	6	2	0	2	2	1
3617	2017	Use of zinc ash from galvanization as a source of zinc oxide	15829596	Environmental Engineering and Management Journal	16	11	0	1	0	0	0
3618	2017	Evaluation by kinetic models of anaerobe digestion performances for various substrates and Co-substrates	347752	Revista De Chimie	68	11	2	1	0	0	0
3619	2017	Search for Dark Matter Produced in Association with a Higgs Boson Decaying to b b Using 36 fb ⁻¹ of pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector	319007	Physical Review Letters	119	18	8	11	4	2	1
3620	2017	The effects of cinnamon supplementation on blood lipid concentrations: A systematic review and meta-analysis	19332874	Journal of Clinical Lipidology	11	6	12	13	11	13	5

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							2020	2021	2022	2023	2024
3621	2017	Quasi-static compressive behavior of the ex-situ aluminum-alloy foam-filled tubes under elevated temperature conditions	0167577X	Materials Letters	206		19	14	10	14	11
3622	2017	Effect of noise and harmonics on sine-wave frequency estimation by interpolated DFT algorithms based on few observed cycles	1651684	Signal Processing	140		6	5	9	4	8
3623	2017	Road-structure monitoring with modern geodetic technologies	7339453	Journal of Surveying Engineering	143	4	0	1	2	1	0
3624	2017	Data packet header actions in fault tolerance of persistent routing sessions		Sisy 2017 IEEE 15th International Symposium on Intelligent Systems and Informatics Proceedings			0	1	0	0	0
3625	2017	Scorbot-er III robotic arm control with FPGA using image processing with the possibility to use as them as sun trackers		2017 40th International Conference on Telecommunications and Signal Processing Tsp 2017	2017-January		1	1	0	0	0
3626	2017	New autocorrelation based self-learning method to detect sound spectral components in cochlear nerve firing patterns in case of cochlear implants		2017 40th International Conference on Telecommunications and Signal Processing Tsp 2017	2017-January		0	0	0	1	0
3627	2017	Hardware and software implementation of an embedded metering webserver		2017 40th International Conference on Telecommunications and Signal Processing Tsp 2017	2017-January		0	1	0	0	1
3628	2017	A new stacked step-up converter		2017 40th International Conference on Telecommunications and Signal Processing Tsp 2017	2017-January		3	2	1	1	1
3629	2017	Jet energy scale measurements and their systematic uncertainties in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	96	7	50	28	20	49	14
3630	2017	Defects detection on the welded reinforcing steel with self-shielded wires by vibration tests	2261236X	Matec Web of Conferences	126		1	0	1	0	0
3631	2017	Randomized dynamic mode decomposition for nonintrusive reduced order modelling	295981	International Journal for Numerical Methods in Engineering	112	1	13	12	10	5	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3632	2017	Effect of thermal treatment of a clay-based raw material on porosity and thermal conductivity: experimental approach, image processing and numerical simulation	19648189	European Journal of Environmental and Civil Engineering	21	10	1	2	1	0	0
3633	2017	Mathematical model for calculation of soil loss on watershed slopes	15829596	Environmental Engineering and Management Journal	16	10	3	0	1	0	0
3634	2017	On some properties of the k-coherent states	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	18	4	0	0	0	1	0
3635	2017	Dynamic and quasi-static compression tests of closed-cell aluminium alloy foams	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	18	4	5	7	4	0	3
3636	2017	Trace oxygen sensitive material based on two porphyrin derivatives in a heterodimeric complex	14203049	Molecules	22	10	2	0	1	0	0
3637	2017	Novel semi-interpenetrating network hydrogels based on monosaccharide oligomers with itaconic moiety: synthesis and properties	10261265	Iranian Polymer Journal English Edition	26	10	1	0	0	1	0
3638	2017	An engineering approach to predict mixed mode fracture of PUR foams based on ASED and micromechanical modelling	1678442	Theoretical and Applied Fracture Mechanics	91		9	6	10	4	7
3639	2017	Integral conditions for nonuniform $\frac{1}{4}$ -dichotomy on the half-line	15313492	Discrete and Continuous Dynamical Systems Series B	22	8	1	1	2	4	1
3640	2017	Mixed mode fracture	1678442	Theoretical and Applied Fracture Mechanics	91		3	5	2	3	1
3641	2017	A multifractal detrended fluctuation analysis of financial market efficiency: Comparison using Dow Jones sector ETF indices	3784371	Physica A Statistical Mechanics and Its Applications	483		12	12	6	13	5
3642	2017	Distance estimation through stereoscopy using BeagleBoneBlack and RaspberryPi		Isscs 2017 International Symposium on Signals Circuits and Systems			0	0	0	0	0
3643	2017	Radio network planning using a design-build-operate model		Isscs 2017 International Symposium on Signals Circuits and Systems			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3644	2017	Solution of a big data problem. Simulator for denoising of Single Look Complex SAR images		Isscs 2017 International Symposium on Signals Circuits and Systems			1	0	0	0	0		
3645	2017	USRP based HF spectrum occupancy measurements at two locations in central and Western Romania		Isscs 2017 International Symposium on Signals Circuits and Systems			1	1	1	0	0		
3646	2017	Erratum: Measurement of the tt̄ production cross-section using e+e- events with b-tagged jets in pp collisions at √s = 13 TeV with the ATLAS detector (Physics Letters B (2016) 761 (136-157) PII: S0370269316304397 DOI: 10.1016/j.physletb.2016.08.019)	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	772		0	1	0	0	2		
3647	2017	Simultaneous voltammetric detection of carbaryl and paraquat pesticides on graphene-modified boron-doped diamond electrode	14248220	Sensors Switzerland	17	9	2	7	15	7	2		
3648	2017	Bifurcations of a discrete-time neuron model	10236198	Journal of Difference Equations and Applications	23	9	1	0	0	2	1		
3649	2017	Statistical fidelity: a tool to quantify the similarity between multi-variable entities with application in complex networks	207160	International Journal of Computer Mathematics	94	9	0	3	2	3	2		
3650	2017	Evaluation of the adhesion of a novel design of veneers to dental materials	347752	Revista De Chimie	68	9	0	1	1	1	0		
3651	2017	Detecting the implant in vitro microleakage using spectrophotometry and neutral red dye	347752	Revista De Chimie	68	9	0	0	0	0	0		
3652	2017	Search for new phenomena in dijet events using 37 fb-1 of pp collision data collected at √s=13 TeV with the ATLAS detector	24700010	Physical Review D	96	5	33	13	14	16	10		
3653	2017	Social responsibility and ecological behaviors towards selective waste collection	255289	Materiale Plastice	54	3	0	1	1	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3654	2017	FEA deformations analysing of the polyurethane armchair seat	255289	Materiale Plastice	54	3	1	0	0	0	0
3655	2017	Thermoplastic materials used for fabrication of maxillary obturator prostheses experimental compression and traction tests	255289	Materiale Plastice	54	3	2	2	1	1	1
3656	2017	Command and control interface for a navigation lock at a Hydro Power Dam		Proceedings of the International Conference on Information and Digital Technologies Idt 2017			0	0	0	0	0
3657	2017	Low pressure injection of oxyhydrogen in turbocharged compression ignition engines	13303651	Tehnicki Vjesnik	24		0	0	0	1	0
3658	2017	Numerical Modeling of Reinforced Concrete Strengthened Columns Under Cyclic Loading	2193567X	Arabian Journal for Science and Engineering	42	9	3	1	1	0	2
3659	2017	On a Hamilton-Poisson Approach of the Maxwell-Bloch Equations with a Control	13850172	Mathematical Physics Analysis and Geometry	20	3	1	2	3	0	3
3660	2017	Solid polymer electrolytes based on phosphorus containing polymers for lithium polymer batteries	143057	European Polymer Journal	94		6	4	5	3	2
3661	2017	Tuning the control penalty factor of a minimum variance adaptive controller	9473580	European Journal of Control	37		3	2	0	1	1
3662	2017	Analytical approximate solutions for quadratic Riccati differential equation of fractional order using the Polynomial Least Squares Method	9600779	Chaos Solitons and Fractals	102		6	1	7	4	2
3663	2017	Complex phenomena study in dielectric fluid from gap during the W-EDM processing in ultrasonic field	2683768	International Journal of Advanced Manufacturing Technology	92	01-Apr	1	3	3	1	0
3664	2017	DoS attacks on controller area networks by fault injections from the software layer		ACM International Conference Proceeding Series	Part F130521		1	6	5	5	4
3665	2017	Real time system for acquiring and logging the plan position using NI MyRIO controller		2017 2nd International Multidisciplinary Conference on Computer and Energy Science Splitech 2017			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3666	2017	Risk indicators and road accident analysis for the period 2012-2016	20711050	Sustainability Switzerland	9	9	7	2	9	8	6
3667	2017	Analytic approximate solutions for a class of variable order fractional differential equations using the polynomial least squares method	13110454	Fractional Calculus and Applied Analysis	20	4	2	3	1	1	0
3668	2017	Takagi-Sugeno fuzzy controller structures for twin rotor aerodynamic systems	10987584	IEEE International Conference on Fuzzy Systems			1	0	1	0	1
3669	2017	Locally Adaptive Color Correction for Underwater Image Dehazing and Matching	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2017-July		5	12	7	6	8
3670	2017	Measurements of long-range azimuthal anisotropies and associated Fourier coefficients for pp collisions at s =5.02 and 13 TeV and p+Pb collisions at sNN =5.02 TeV with the ATLAS detector	24699985	Physical Review C	96	2	14	14	3	10	22
3671	2017	Low-cost visually servoed tracked vehicle		17th IEEE International Conference on Smart Technologies Eurocon 2017 Conference Proceedings			2	1	1	1	1
3672	2017	Combustion synthesis of ZnAl2O4 powders with tuned surface area	2728842	Ceramics International	43	12	5	6	0	5	0
3673	2017	Absolutely separating quantum maps and channels	13672630	New Journal of Physics	19	8	3	2	0	1	1
3674	2017	About the best value of rake angle for cutting tools	2261236X	Matec Web of Conferences	121		1	0	0	0	0
3675	2017	Highlighting product issues during design phase using functional analysis	2261236X	Matec Web of Conferences	121		0	0	0	1	1
3676	2017	Automated business process management-in times of digital transformation using machine learning or artificial intelligence	2261236X	Matec Web of Conferences	121		7	12	7	11	13
3677	2017	Factors that influence the quality constant of the manufacturing process for asphalt milling knives	2261236X	Matec Web of Conferences	121		0	0	1	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3678	2017	The ergonomics interventions evaluation. A study based on usability	2261236X	Matec Web of Conferences	121		0	0	0	0	0
3679	2017	Line start 1 phase-source split phase capacitor cage-PM rotor-relsyn motor: Modeling, performance, and optimal design with experiments	2780046	IEEE Transactions on Industrial Electronics	65	2	3	2	2	0	0
3680	2017	Product management of making large pieces through Rapid Prototyping PolyJet® technology	17578981	Iop Conference Series Materials Science and Engineering	227	1	0	0	1	0	1
3681	2017	Cost analysis in injection moulded plastic parts designing	17578981	Iop Conference Series Materials Science and Engineering	227	1	0	0	1	0	0
3682	2017	Effect of electron beam remelting on the characteristics of HVOF sprayed Al2O3-TiO2 coatings deposited on titanium substrate	9277757	Colloids and Surfaces A Physicochemical and Engineering Aspects	526		5	1	3	1	2
3683	2017	Multi input-multi output tank system data-driven model reference control	19483449	IEEE International Conference on Control and Automation Icca			0	0	0	0	0
3684	2017	Search for the Dimuon Decay of the Higgs Boson in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector	319007	Physical Review Letters	119	5	13	5	2	1	0
3685	2017	Axial-flux PM synchronous machines with air-gap profiling and very high ratio of spoke rotor poles to stator concentrated coils		2017 IEEE International Electric Machines and Drives Conference Iemdc 2017			4	0	0	1	1
3686	2017	Zero-Programming Augmented Reality Authoring Tools for Educators: Status and Recommendations		Proceedings IEEE 17th International Conference on Advanced Learning Technologies IcaIt 2017			3	2	1	1	3
3687	2017	Collaborative Learning about Augmented Reality from Technology and Business Perspectives		Proceedings IEEE 17th International Conference on Advanced Learning Technologies IcaIt 2017			1	1	2	0	1
3688	2017	3D Printer FABLAB for Students at POLITEHNICA University Timisoara		Proceedings IEEE 17th International Conference on Advanced Learning Technologies IcaIt 2017			2	0	0	0	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3689	2017	Using Open Education Tools for a Higher Education Virtual Campus		Proceedings IEEE 17th International Conference on Advanced Learning Technologies IcaIt 2017			3	2	2	1	1		
3690	2017	Tensor product-based model transformation for position control of magnetic levitation systems		IEEE International Symposium on Industrial Electronics			6	5	1	2	0		
3691	2017	Anti-lock braking systems data-driven control using Q-learning		IEEE International Symposium on Industrial Electronics			1	1	2	0	1		
3692	2017	Enhanced Adsorption of p-Nitrophenol from Aqueous Solutions Using a Functionalized Styrene-Divinylbenzene Copolymer	496979	Water Air and Soil Pollution	228	8	0	3	2	1	1		
3693	2017	Proper orthogonal decomposition of self-induced instabilities in decelerated swirling flows and their mitigation through axial water injection	982202	Journal of Fluids Engineering Transactions of the ASME	139	8	4	4	4	5	6		
3694	2017	Micropatterning kinetics of different glass-forming systems investigated by thermoplastic net-shaping	13596462	Scripta Materialia	137		0	3	5	1	2		
3695	2017	A semi-global color correction for underwater image restoration		ACM SIGGRAPH 2017 Posters SIGGRAPH 2017			1	0	0	0	0		
3696	2017	Emotional states recognition by interpreting facial features		2017 E Health and Bioengineering Conference Ehb 2017			1	2	0	1	2		
3697	2017	Splice site pattern analysis and identification of similar sequences in the deep intron areas of human chromosome 21		2017 E Health and Bioengineering Conference Ehb 2017			1	0	0	0	0		
3698	2017	Profiling in obstetrics for premature birth risk patients		2017 E Health and Bioengineering Conference Ehb 2017			0	0	0	0	0		
3699	2017	ICT supporting treatment for high risk situations in obstetrics		2017 E Health and Bioengineering Conference Ehb 2017			1	0	1	1	1		
3700	2017	A connectionist model for cerebrovascular accident risk prediction		2017 E Health and Bioengineering Conference Ehb 2017			0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3701	2017	Analysis of decision tree performance in predicting the relationship between a scored outcome and multiple single nucleotide polymorphisms		2017 E Health and Bioengineering Conference Ehb 2017			0	0	0	0	0
3702	2017	From logical inference to decision trees in medical diagnosis		2017 E Health and Bioengineering Conference Ehb 2017			5	2	3	3	1
3703	2017	Evolving fuzzy models for Anti-lock Braking Systems		2017 IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications Civemsa 2017 Proceedings			1	0	1	2	0
3704	2017	A statistical study on consumer's perception of sustainable products	0094243X	Aip Conference Proceedings	1863		1	0	0	0	0
3705	2017	Nonlinear dynamics of a wind turbine permanent magnet generator system in different wind profile conditions	0094243X	Aip Conference Proceedings	1863		2	1	1	1	5
3706	2017	Approximate analytic solutions for steady MHD flow and heat transfer of a third grade fluid in wire coating process with constant viscosity	0094243X	Aip Conference Proceedings	1863		0	0	0	0	1
3707	2017	Competitive flow and anastomosis angle influence on bypass hemodynamics in unsteady flow conditions	0094243X	Aip Conference Proceedings	1863		1	1	0	2	1
3708	2017	Ultra High Throughput Unrolled Layered Architecture for QC-LDPC Decoders	21593469	Proceedings of IEEE Computer Society Annual Symposium on VLSI Isvlsi	2017-July		3	3	1	4	1
3709	2017	Model-free fuzzy control of twin rotor aerodynamic systems		2017 25th Mediterranean Conference on Control and Automation MED 2017			1	4	5	2	2
3710	2017	The influence of measurement setups in radiated emissions testing		2017 14th International Conference on Engineering of Modern Electric Systems Emes 2017			0	0	4	1	0
3711	2017	Electro-mechanic transient on starting DC electrical machine using a semi-controlled rectifier		2017 14th International Conference on Engineering of Modern Electric Systems Emes 2017			0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3712	2017	Modeling of squirrel cage induction machine with S-function in MATLAB Simulink		2017 14th International Conference on Engineering of Modern Electric Systems Emes 2017			1	0	0	0	1		
3713	2017	Joint Spectrum Availability measurement in the 4.5-10.5 MHz HF band		2017 14th International Conference on Engineering of Modern Electric Systems Emes 2017			0	0	0	0	0		
3714	2017	SCORBOT-ER III robotic arm detection and control with color recognition with the possibility for using in sun tracker applications		Conference Proceedings 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2017			0	0	0	0	1		
3715	2017	Sun tracker robotic arm optical distance measuring algorithm evaluation using Six Sigma methods		Conference Proceedings 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2017			0	1	0	0	0		
3716	2017	Closed slot induction machine inductances and rotor resistance characterization versus current and frequency via FEM		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			0	0	0	0	0		
3717	2017	A step capacitor controlled 1 phase a.c. Autonomous PM generator, with experiments		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			0	0	0	0	1		
3718	2017	Design and development of an electricity meter test equipment		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			0	1	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3719	2017	Small-power 4 stator-pole stator-ferrite PMSM single-phase self-starting motor drive: FEM-based optimal design and controlled dynamics		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			1	2	0	0	0
3720	2017	FEM Analysis of a synchronous generator with inset permanent magnet rotor		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			0	0	0	0	0
3721	2017	Fast computation of bar over-currents in the faulty cage of induction motors with experimental validation		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			0	0	0	0	1
3722	2017	A novel stacked step-down switching converter		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			3	3	0	0	1
3723	2017	Mixed PV-wind small power microgrid		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			0	1	0	1	1
3724	2017	A new approach to lifetime and loading stress level estimation for multilayer ceramic capacitors in electronic control units		Proceedings 2017 International Conference on Optimization of Electrical and Electronic Equipment Optim 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics Acemp 2017			1	0	0	1	1
3725	2017	IGSS Higher-Level SCADA Optimal Resource Allocation to Integrate Water and Waste Water Pumping Stations		Proceedings 2017 21st International Conference on Control Systems and Computer Cscs 2017			0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3726	2017	Component level energy accounting and fault detection on electrical devices using power signatures		I2mtc 2017 2017 IEEE International Instrumentation and Measurement Technology Conference Proceedings			0	1	0	0	1
3727	2017	A frequency-domain linear least-squares approach for complex sine-wave amplitude and phase estimation		I2mtc 2017 2017 IEEE International Instrumentation and Measurement Technology Conference Proceedings			0	0	0	0	0
3728	2017	Determination of the critical congestion point in urban traffic networks: A case study		2017 IEEE 14th International Scientific Conference on Informatics Informatics 2017 Proceedings	2018-January		1	1	0	0	0
3729	2017	A new solution for a domestic low voltage surge-arrester		2017 10th International Conference on Electrical and Electronics Engineering Eleco 2017	2018-January		2	0	0	0	0
3730	2017	Experimental study about the sintering temperature of a new metal oxide varistor material		2017 10th International Conference on Electrical and Electronics Engineering Eleco 2017	2018-January		1	0	0	0	0
3731	2017	Experimental study about the concentration of Cr2O3 and MnO2 inside a new metal oxide varistor material		2017 10th International Conference on Electrical and Electronics Engineering Eleco 2017	2018-January		1	0	0	0	0
3732	2017	Color transfer for underwater dehazing and depth estimation	15224880	Proceedings International Conference on Image Processing Icip	2017-September		9	14	4	7	7
3733	2017	Technological solutions for throughput improvement of a Secure Hash Algorithm-256 engine		2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging Siitme 2017 Proceedings	2018-January		2	1	0	1	0
3734	2017	Dynamic PV array reconfiguration under suboptimal conditions in hybrid solar energy harvesting systems		2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging Siitme 2017 Proceedings	2018-January		1	1	1	4	0
3735	2017	Simulation model for automotive high pressure fuel pump		2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging Siitme 2017 Proceedings	2018-January		0	0	0	0	0
3736	2017	Application layer protocol for IoT using wireless sensor networks communication protocols	21570221	International Congress on Ultra Modern Telecommunications and Control Systems and Workshops	2017-November		0	1	1	0	2
3737	2017	Microstructure characterization and corrosion testing of MAG pulsed duplex stainless steel welds	255300	Materialpruefung Materials Testing	59	07-Aug	0	1	2	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3738	2017	Experimental investigations of cold-formed joints for multi-storey steel framed structures	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	18	3	0	0	0	1	0
3739	2017	Numerical study of a hybrid damping system composed of a buckling restrained brace with a magneto rheological damper	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	18	3	0	1	0	0	0
3740	2017	Flow field evolution in stented versus stenosed coronary artery	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	18	3	0	3	2	0	0
3741	2017	Experimental Investigation of Rotor Currents Distribution in the Healthy and Faulty Cage of Induction Motors at Standstill	2780046	IEEE Transactions on Industrial Electronics	64	7	1	0	2	2	1
3742	2017	Novel hybrid scheduling technique for sensor nodes with mixed criticality tasks	14248220	Sensors Switzerland	17	7	1	0	0	0	1
3743	2017	Combustion synthesis of a blue Co-doped zinc aluminate near-infrared reflective pigment	1437208	Dyes and Pigments	142		13	8	9	5	6
3744	2017	New manufacturing process for the metal oxide varistors used on low voltage surge-arresters		Proceedings of the 2017 18th International Scientific Conference on Electric Power Engineering EPE 2017			0	0	1	0	0
3745	2017	A new approach to predictive maintenance of high voltage switching devices		Proceedings of the 2017 18th International Scientific Conference on Electric Power Engineering EPE 2017			1	0	0	0	0
3746	2017	Measurement of forward-backward multiplicity correlations in lead-lead, proton-lead, and proton-proton collisions with the ATLAS detector	24699985	Physical Review C	95	6	3	1	3	4	2
3747	2017	Dissimilar Brazed Joints between Steel and Tungsten Carbide	17578981	Iop Conference Series Materials Science and Engineering	209	1	1	1	3	1	2
3748	2017	The evaluation and application of the TRIZ method for increasing eco-innovative levels in SMEs	20711050	Sustainability Switzerland	9	7	6	7	5	7	3

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							2020	2021	2022	2023	2024
3749	2017	Evolving fuzzy models for the position control of magnetic levitation systems	23304863	IEEE Conference on Evolving and Adaptive Intelligent Systems	2017-May		0	1	1	0	1
3750	2017	Effect of replacing Nb with (Mo and Zr) on glass forming ability, magnetic and mechanical properties of FeCoBSiNb bulk metallic glass	9258388	Journal of Alloys and Compounds	707		4	5	3	3	2
3751	2017	Thermal behavior of MnFe2O4 and MnFe2O4/C nanocomposite synthesized by a solvothermal method	406031	Thermochimica Acta	652		3	5	4	6	4
3752	2017	Structural analysis of aqueous ferrofluids with cobalt ferrite particles stabilized with lauric acid and sodium n-dodecyl sulphate	17426588	Journal of Physics Conference Series	848	1	2	0	0	0	1
3753	2017	UniCampus: The first courses in a Romanian MOOC	21659559	IEEE Global Engineering Education Conference Educon			1	2	0	0	1
3754	2017	pH dependent structural interconversion of 2-(2-hydroxy-benzylidene)-cyclohexan-1-one: Crystal structures and spectroscopic investigation	222860	Journal of Molecular Structure	1137		1	2	1	1	0
3755	2017	Comparative study concerning anaerobic fermentation of degraded cereals	22825819	European Biomass Conference and Exhibition Proceedings	2017	25thEUBC	0	0	1	0	0
3756	2017	Increasing energy efficiency of an agro-industrial integrated process through anaerobic co-digestion of slaughterhouse waste water and farm manure	22825819	European Biomass Conference and Exhibition Proceedings	2017	25thEUBC	0	1	0	0	0
3757	2017	Cold rolling effects on material properties in pallet rack uprights	18741495	Open Civil Engineering Journal	11	Suppl-1, I	0	0	0	0	0
3758	2017	Behavior of steel welded tapered beam-column	18741495	Open Civil Engineering Journal	11	Suppl-1, I	0	0	0	1	1
3759	2017	CIELAB and thermal properties of sesame food oil under antocyanin and UV influence	347752	Revista De Chimie	68	6	0	1	0	0	1
3760	2017	Experimental and modelling approach of biogas production by anaerobic digestion of agricultural resources	347752	Revista De Chimie	68	6	1	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3761	2017	A comparative three- and bi-dimensional research of the marginal fit of pressed lithium disilicate inlays	347752	Revista De Chimie	68	6	0	1	0	1	0
3762	2017	Measurements of integrated and differential cross sections for isolated photon pair production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	24700010	Physical Review D	95	11	3	9	4	4	1
3763	2017	Optimizing the renewable energy potential: Myth or future trend in Romania	19961073	Energies	10	6	2	1	1	1	0
3764	2017	Laboratory researches regarding wear of the composite materials for making brake shoes	255289	Materiale Plastice	54	2	0	0	0	0	1
3765	2017	Synthesis and characterization of some ester-type biolubricants of soia bean fatty acids	255289	Materiale Plastice	54	2	1	0	0	0	0
3766	2017	Collagen films obtained from collagen solutions characterized by rheology	255289	Materiale Plastice	54	2	0	2	0	0	0
3767	2017	Friction and wear behaviour of composite materials containing organic components	255289	Materiale Plastice	54	2	1	0	0	0	0
3768	2017	An easily understandable grey wolf optimizer and its application to fuzzy controller tuning	19994893	Algorithms	10	2	9	6	10	1	2
3769	2017	Phase transition behaviour and physicochemical properties of KNbO ₃ ceramics	2728842	Ceramics International	43	8	1	1	0	4	1
3770	2017	Synthesis, characterization of nanosized CoAl ₂ O ₄ and its electrocatalytic activity for enhanced sensing application	13886150	Journal of Thermal Analysis and Calorimetry	128	3	1	4	2	3	2
3771	2017	An inequality concerning the growth bound of an evolution family and the norm of a convolution operator	371912	Semigroup Forum	94	3	1	0	0	0	0
3772	2017	Co-movements and contagion between international stock index futures markets	3777332	Empirical Economics	52	4	1	1	2	2	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3773	2017	Experimental analyses for the mechanical behavior of pressed all-ceramic molar crowns with anatomical design	2261236X	Matec Web of Conferences	108		3	1	0	1	1		
3774	2017	Fuzzy control strategy for secondary cooling of continuous steel casting	17578981	Iop Conference Series Materials Science and Engineering	200	1	3	0	0	1	0		
3775	2017	Modelling pressure rolling of asymmetric rolling process	17578981	Iop Conference Series Materials Science and Engineering	200	1	3	1	6	3	3		
3776	2017	Statistical analysis using the multiple regression research in areas of the indefinite chilled cast-iron rolls manufacturing	17578981	Iop Conference Series Materials Science and Engineering	200	1	0	2	1	0	0		
3777	2017	The optimization of the position and the magnitude of the clamping forces in machining fixtures	17578981	Iop Conference Series Materials Science and Engineering	200	1	2	1	1	0	2		
3778	2017	Research on the influence of moulding-casting technology on the quality of castings	17578981	Iop Conference Series Materials Science and Engineering	200	1	2	0	0	1	0		
3779	2017	Composites materials for friction and braking application	17578981	Iop Conference Series Materials Science and Engineering	200	1	2	2	3	4	5		
3780	2017	Study of electromagnetic radiation produced by household equipment	17578981	Iop Conference Series Materials Science and Engineering	200	1	0	0	0	0	1		
3781	2017	Multivariate research in areas of phosphorus cast-iron brake shoes manufacturing using the statistical analysis and the multiple regression equations	17578981	Iop Conference Series Materials Science and Engineering	200	1	0	0	1	0	1		
3782	2017	Control system of water flow and casting speed in continuous steel casting	17578981	Iop Conference Series Materials Science and Engineering	200	1	2	0	0	0	0		
3783	2017	Influence of typical faults over the dynamic behavior of pantograph-catenary contact force in electric rail transport	17578981	Iop Conference Series Materials Science and Engineering	200	1	0	1	0	1	1		
3784	2017	A combined approach of AHP and TOPSIS methods applied in the field of integrated software systems	17578981	Iop Conference Series Materials Science and Engineering	200	1	4	1	3	3	3		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3785	2017	LabVIEW application for motion tracking using USB camera	17578981	Iop Conference Series Materials Science and Engineering	200	1	2	0	2	0	0
3786	2017	2,2â€²-Spirobis[chromene] Derivatives Chemistry and Their Relation with the Multistate System of Anthocyanins	223263	Journal of Organic Chemistry	82	10	2	1	1	2	1
3787	2017	A basic overview of fuel cells: Thermodynamics and cell efficiency		Organic Inorganic Composite Polymer Electrolyte Membranes Preparation Properties and Fuel Cell Applications			0	0	0	0	1
3788	2017	Decontamination of hexavalent chromium-polluted waters: Significance of metallic iron technology		Enhancing Cleanup of Environmental Pollutants	2		1	5	1	1	0
3789	2017	Performance of the ATLAS Transition Radiation Tracker in Run 1 of the LHC: Tracker properties	17480221	Journal of Instrumentation	12	5	2	0	1	2	1
3790	2017	Berberis vulgaris extract/ β -cyclodextrin complex increases protection of hepatic cells via suppression of apoptosis and lipogenesis pathways	17920981	Experimental and Therapeutic Medicine	13	5	1	1	0	3	1
3791	2017	Degenerate Fold-Hopf Bifurcations in a Rössler-Type System	2181274	International Journal of Bifurcation and Chaos	27	5	1	0	2	1	1
3792	2017	Carbon nanofibers decorated with Pt-Co alloy nanoparticles as catalysts for electrochemical cell applications. I. synthesis and structural characterization	14523981	International Journal of Electrochemical Science	12	5	4	0	1	2	0
3793	2017	Adverse local tissue reaction after 2 revision hip replacements for ceramic liner fracture	257974	Medicine United States	96	19	7	3	7	0	3
3794	2017	On the Hamiltonâ€²Poisson realizations of the integrable deformations of the Maxwellâ€²Bloch equations	1631073X	Comptes Rendus Mathematique	355	5	1	4	2	0	0
3795	2017	Beam-to-CFT High-Strength Joints with External Diaphragm. II: Numerical Simulation of Joint Behavior	7339445	Journal of Structural Engineering United States	143	5	4	3	4	4	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3796	2017	Beam-to-CFT High-Strength Joints with External Diaphragm. I: Design and Experimental Validation	7339445	Journal of Structural Engineering United States	143	5	8	6	6	7	7
3797	2017	High-ET isolated-photon plus jets production in pp collisions at s=8 TeV with the ATLAS detector	5503213	Nuclear Physics B	918		2	2	2	5	2
3798	2017	Ferrofluid based composite fluids: Magnetorheological properties correlated by Mason and Casson numbers	1486055	Journal of Rheology	61	3	5	4	7	1	7
3799	2017	Dynamics of complex-valued fractional-order neural networks	8936080	Neural Networks	89		13	7	12	8	1
3800	2017	On a translated frame-based approach to geometric modeling of robots	9218890	Robotics and Autonomous Systems	91		0	0	0	1	0
3801	2017	Two step polyol-solvothermal growth of thick silver nanowires	0167577X	Materials Letters	194		1	2	3	1	0
3802	2017	Assessment of collapse diagrams of rigid polyurethane foams under dynamic loading conditions	16449665	Archives of Civil and Mechanical Engineering	17	3	11	7	16	7	7
3803	2017	Designing a novel functional-structural NiTi/hydroxyapatite composite with enhanced mechanical properties and high bioactivity	9669795	Intermetallics	84		2	3	4	0	4
3804	2017	Low-energy collisions between electrons and BeH+: Cross sections and rate coefficients for all the vibrational states of the ion	0092640X	Atomic Data and Nuclear Data Tables	115-116		3	3	1	1	1
3805	2017	Some power quality issues in power substation from residential and educational buildings		2017 10th International Symposium on Advanced Topics in Electrical Engineering Atee 2017			0	0	0	0	1
3806	2017	Automation heating and pumping for water using Zelio PLC		2017 10th International Symposium on Advanced Topics in Electrical Engineering Atee 2017			0	0	0	0	0
3807	2017	Investigation of power quality problems at a wood-based panels plant		2017 10th International Symposium on Advanced Topics in Electrical Engineering Atee 2017			1	0	0	0	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3808	2017	Design and optimization of the cooling process to rapid control a SMA-based wave generator		2017 10th International Symposium on Advanced Topics in Electrical Engineering Atee 2017			0	0	0	0	0	
3809	2017	Micro-patterning by thermoplastic forming of Ni-free Ti-based bulk metallic glasses	2641275	Materials and Design	120		4	3	3	2	6	
3810	2017	Stock prices, inflation and inflation uncertainty in the U.S.: testing the long-run relationship considering Dow Jones sector indexes	36846	Applied Economics	49	18	2	3	3	1	1	
3811	2017	Collapse mechanisms of metal foam matrix composites under static and dynamic loading conditions	9215093	Materials Science and Engineering A	690		5	13	7	6	2	
3812	2017	Experimental Investigation of the Unsteady Pressure Field in Decelerated Swirling Flow with 74° Sharp Heel Elbow	17426588	Journal of Physics Conference Series	813	1	1	2	1	2	0	
3813	2017	Model-Free control performance improvement using virtual reference feedback tuning and reinforcement Q-learning	207721	International Journal of Systems Science	48	5	10	6	4	0	1	
3814	2017	New exact and explicit solutions of the Zakharov equations and generalized Zakharov equations by the quotient trigonometric function expansion method	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	18	2	0	0	0	0	0	
3815	2017	Contradictory aspects of bioaccumulation. ICP-MS, an approachable method for elemental characterization of crop medicinal plants	18423582	Digest Journal of Nanomaterials and Biostructures	12	2	0	2	0	0	1	
3816	2017	Measurement of the t t production cross section in the t t +jets final state in pp collisions at s =8 TeV using the ATLAS detector	24700010	Physical Review D	95	7	1	0	1	2	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3817	2017	LiBrA-CAN: Lightweight broadcast authentication for controller area networks	15399087	ACM Transactions on Embedded Computing Systems	16	3	2	7	2	6	10
3818	2017	Bidirectional Power Flow Control in a DC Microgrid Through a Switched-Capacitor Cell Hybrid DC-DC Converter	2780046	IEEE Transactions on Industrial Electronics	64	4	24	24	28	28	20
3819	2017	Degenerate with respect to parameters fold-Hopf bifurcations	10780947	Discrete and Continuous Dynamical Systems Series A	37	4	1	0	0	0	0
3820	2017	Hierarchical surface patterning of Ni- and Be-free Ti- and Zr-based bulk metallic glasses by thermoplastic net-shaping	9284931	Materials Science and Engineering C	73		0	1	8	1	3
3821	2017	Using Melnikov functions of any order for studying limit cycles	0022247X	Journal of Mathematical Analysis and Applications	448	1	3	1	2	2	1
3822	2017	Approximate analytical solutions of nonlinear differential equations using the Least Squares Homotopy Perturbation Method	0022247X	Journal of Mathematical Analysis and Applications	448	1	5	6	3	0	1
3823	2017	Low-cycle fatigue behaviour of ductile closed-cell aluminium alloy foams	8756758X	Fatigue and Fracture of Engineering Materials and Structures	40	4	6	6	5	4	2
3824	2017	Ultrasound influence on the erosive capacity at the electrodischarge processing with ultrasonic activated wire electrode in a single point	256455	Meccanica	52	6	0	0	1	1	0
3825	2017	Wind energy integration via residential appliances	1570646X	Energy Efficiency	10	2	2	2	1	0	1
3826	2017	Biocompatible colloidal suspensions based on magnetic iron oxide nanoparticles: Synthesis, characterization and toxicological profile	16639812	Frontiers in Pharmacology	8	MAR	6	19	13	7	6
3827	2017	Oil priceâ€‘inflation pass-through in Romania during the inflation targeting regime	36846	Applied Economics	49	15	1	2	5	1	0
3828	2017	On symmetric decompositions of positive operators	17518113	Journal of Physics A Mathematical and Theoretical	50	16	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3829	2017	Hindsight: Revealing the evolution of dependencies to developers		Saner 2017 24th IEEE International Conference on Software Analysis Evolution and Reengineering			0	0	0	0	1	
3830	2017	XCORE: Support for developing program analysis tools		Saner 2017 24th IEEE International Conference on Software Analysis Evolution and Reengineering			2	0	0	0	0	
3831	2017	Model predictive control of a nonlinear laboratory twin rotor aero-dynamical system		Sami 2017 IEEE 15th International Symposium on Applied Machine Intelligence and Informatics Proceedings			1	1	0	1	1	
3832	2017	A comparative study of using the LBC format for compressing medical images		Sami 2017 IEEE 15th International Symposium on Applied Machine Intelligence and Informatics Proceedings			0	0	0	0	0	
3833	2017	Novel adsorbent used for cesium removal from aqueous solutions	347752	Revista De Chimie	68	3	0	0	0	0	1	
3834	2017	Polyol synthesis of silver nanowires in the presence of silver chloride	14544164	Journal of Optoelectronics and Advanced Materials	19	03-Apr	1	1	0	0	0	
3835	2017	Experimental Analysis of the Global Performances for a Pump with Symmetrical Suction Elbow at Two Speeds	18766102	Energy Procedia	112		0	0	0	1	1	
3836	2017	Experimental Researches on Determining the Fire Action Response of Improved Exterior Cladding Systems Provided with Incombustible Barriers	18766102	Energy Procedia	112		1	3	1	0	0	
3837	2017	Design trade-offs in configurable FPGA architectures for K-means clustering	12201766	Studies in Informatics and Control	26	1	0	2	1	2	3	
3838	2017	Stability and integrability aspects for the Maxwell-Bloch equations with the rotating wave approximation	15603547	Regular and Chaotic Dynamics	22	2	0	0	2	0	0	
3839	2017	Direct Torque Control With Feedback Linearization for Induction Motor Drives	8858993	IEEE Transactions on Power Electronics	32	3	20	21	7	21	7	
3840	2017	The vibrations study to the burn gas exhaust fan from a thermoelectric power plant	0307904X	Applied Mathematical Modelling	43		0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3841	2017	MnFe2O4 nanoparticles as new catalyst for oxidative degradation of phenol by peroxydisulfate	10010742	Journal of Environmental Sciences China	53		5	12	6	8	2
3842	2017	Model-free sliding mode control of nonlinear systems: Algorithms and experiments	200255	Information Sciences	381		19	20	17	20	14
3843	2017	Rapid fabrication of function-structure-integrated NiTi alloys: Towards a combination of excellent superelasticity and favorable bioactivity	9669795	Intermetallics	82		2	1	4	3	3
3844	2017	Performance of two iron-based syngas-fueled chemical looping systems for hydrogen and/or electricity generation combined with carbon capture	1618954X	Clean Technologies and Environmental Policy	19	2	1	1	1	3	4
3845	2017	New solutions to control water flow in the secondary cooling		Cinti 2016 17th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			0	0	0	0	0
3846	2017	Routing tables as big data searchable structures for achieving real-time session fault tolerant rerouting		Cinti 2016 17th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			0	1	0	0	0
3847	2017	Improving performance and energy consumption with loop fusion optimization and parallelization		Cinti 2016 17th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			1	0	1	0	0
3848	2017	Hierarchical data-driven Model-Free Iterative Learning Control using primitives		2016 IEEE International Conference on Systems Man and Cybernetics Smc 2016 Conference Proceedings			0	0	0	0	0
3849	2017	Mixed MFC-VRFT Approach for a multivariable aerodynamic system position control		2016 IEEE International Conference on Systems Man and Cybernetics Smc 2016 Conference Proceedings			0	1	3	3	0
3850	2017	Bifurcations of limit cycles of perturbed completely integrable systems	9517715	Nonlinearity	30	3	0	0	0	0	0
3851	2017	Study about the nanoparticle agglomeration in a magnetic nanofluid by the Langevin dynamics simulation model using an effective Verlet-type algorithm	16134982	Microfluidics and Nanofluidics	21	2	2	1	2	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3852	2017	Battery state of health estimation: a structured review of models, methods and commercial devices	0363907X	International Journal of Energy Research	41	2	25	31	36	33	39
3853	2017	Combustion synthesis of pink chromium-doped alumina with excellent near-infrared reflective properties	2728842	Ceramics International	43	2	4	3	2	1	2
3854	2017	Continuous quality assessment with inCode	1676423	Science of Computer Programming	134		0	7	3	1	6
3855	2017	ZnO-SiO2 based nanocomposites prepared by a modified sol-gel method	2540584	Materials Chemistry and Physics	186		1	2	3	3	6
3856	2017	Studying thermal behavior of buildings and vehicles by means of a mobile thermographic system		24th Telecommunications Forum Telfor 2016			1	0	0	0	0
3857	2017	Reducing energy consumption in home automation based on STM32F407 microcontroller		24th Telecommunications Forum Telfor 2016			0	0	1	0	0
3858	2017	Wireless motor control in automotive industry		24th Telecommunications Forum Telfor 2016			0	1	0	0	0
3859	2017	Lynxmotion AL5 type robotic arm control with color detection on FPGA running Linux OS		24th Telecommunications Forum Telfor 2016			0	0	1	0	0
3860	2017	Cost effective FPGA implementation for hard decision LDPC decoders		24th Telecommunications Forum Telfor 2016			0	1	1	0	0
3861	2017	NullTerminator: Pseudo-automatic refactoring to null object design pattern		Proceedings 2016 IEEE International Conference on Software Maintenance and Evolution Icsme 2016			0	0	0	0	0
3862	2017	The method of dynamic mode decomposition in shallow water and a swirling flow problem	2712091	International Journal for Numerical Methods in Fluids	83	1	7	4	5	2	3
3863	2017	The analysis of the steel deoxidation process in a vacuum installation	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	1	0
3864	2017	Experimental research on mathematical modelling and unconventional control of clinker kiln in cement plants	17578981	Iop Conference Series Materials Science and Engineering	163	1	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3865	2017	Tribological properties of nonasbestos brake pad material by using coconut fiber	17578981	Iop Conference Series Materials Science and Engineering	163	1	1	4	0	1	2	
3866	2017	Preliminary experimental research for silver recovery from radiographic films	17578981	Iop Conference Series Materials Science and Engineering	163	1	2	2	0	0	0	
3867	2017	Impact of agile methodologies on team capacity in automotive radio-navigation projects	17578981	Iop Conference Series Materials Science and Engineering	163	1	2	0	0	0	0	
3868	2017	Experimental determination of the filling coefficient for an aspirated spark-ignition engine	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	0	0	
3869	2017	Single-phase frequency converter	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	1	0	
3870	2017	Influence of intake air temperature on internal combustion engine operation	17578981	Iop Conference Series Materials Science and Engineering	163	1	2	1	1	5	1	
3871	2017	Specific loss power in superparamagnetic hyperthermia: Nanofluid versus composite	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	3	1	2	1	
3872	2017	An experimental comparative analyse between three low capacity PLCs	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	0	0	
3873	2017	Mechanical and thermal analysis of the internal combustion engine piston using Ansys	17578981	Iop Conference Series Materials Science and Engineering	163	1	1	4	1	1	2	
3874	2017	Experimental analysis of direct current corona discharge	17578981	Iop Conference Series Materials Science and Engineering	163	1	1	0	1	0	0	
3875	2017	Analysis of synchronous and induction generators used at hydroelectric power plant	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	2	0	1	0	
3876	2017	A new concept for stainless steels ranking upon the resistance to cavitation erosion	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	1	1	1	
3877	2017	Capture and storage of Carbon dioxide: A method for countering climatic changes	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	1	0	
3878	2017	GUI for studying the parameters influence of the electric arc model for a three-phase electric arc furnace	17578981	Iop Conference Series Materials Science and Engineering	163	1	1	1	1	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3879	2017	FEM analysis of an single stator dual PM rotors axial synchronous machine	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	1	0
3880	2017	Using the anti-adherence paints to manufacturing of the moulds intended for iron castings	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	0	0
3881	2017	Overview of the wind energy market and renewable energy policy in Romania	17578981	Iop Conference Series Materials Science and Engineering	163	1	4	1	0	1	1
3882	2017	Dynamic simulation of road vehicle door window regulator mechanism of cross arm type	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	1	1	1
3883	2017	Using the heat flow plate method for determining thermal conductivity of building materials	17578981	Iop Conference Series Materials Science and Engineering	163	1	2	1	0	0	2
3884	2017	Change management methodologies trained for automotive infotainment projects	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	0	0	1	0
3885	2017	Determining the operating performance through electrical measurements of a hydro generator	17578981	Iop Conference Series Materials Science and Engineering	163	1	0	1	2	0	0
3886	2017	Obtaining and characterization of Zn3V2O8 and Mg3V2O8 pseudo binary oxide nanomaterials by hydrothermal method	0094243X	Aip Conference Proceedings	1796		2	2	2	4	1
3887	2017	Performance assessment of a direct-coupled PV water pumping system	0094243X	Aip Conference Proceedings	1796		0	0	1	0	0
3888	2017	From theory to practice concerning air quality monitoring	0094243X	Aip Conference Proceedings	1796		0	0	2	0	0
3889	2017	Experimental study of proton irradiation effect on silicon solar cells	0094243X	Aip Conference Proceedings	1796		1	1	1	1	3
3890	2017	Conceptual approach for an in-line quality control system in Additive Manufacturing Powder Bed Fusion processes	2261236X	Matec Web of Conferences	94		0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3891	2017	Identification of in-line defects and failures during Additive Manufacturing Powder Bed Fusion processes	2261236X	Matec Web of Conferences	94		0	1	0	0	1
3892	2017	UK business cycle synchronization with Germany and the US: New evidence from timeâ€‘frequency domain and structure of economic growth	13504851	Applied Economics Letters	24	1	1	0	0	1	0
3893	2017	Numerical investigation of composite detachable short links		Composite Construction in Steel and Concrete Viii Proceedings of the 8th International Conference on Composite Construction in Steel and Concrete 2017			0	1	0	0	0
3894	2017	Numerical investigation of moment-resisting slim-floor beam-to-column connections		Composite Construction in Steel and Concrete Viii Proceedings of the 8th International Conference on Composite Construction in Steel and Concrete 2017			0	0	0	0	0
3895	2017	Experimental measurements and trnsys simulations of energy consumption and energy efficiency of HVAC systems in cooling mode in office buildings	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	17	43	0	0	1	0	0
3896	2017	Development of a new push test for Eurocode 4		Composite Construction in Steel and Concrete Viii Proceedings of the 8th International Conference on Composite Construction in Steel and Concrete 2017			0	0	0	0	0
3897	2017	The time behavior of self compacting concrete with fly ash	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	17	43	0	0	0	0	0
3898	2017	What defines a prosumer? An insight in participative consumer behaviour		Proceedings of the 5th International Conference on Management Leadership and Governance Icmlg 2017			1	0	0	1	0
3899	2017	Functional analysis of regional drought management		Handbook of Drought and Water Scarcity Management of Drought and Water Scarcity			0	0	0	1	0
3900	2017	Inducing the biodegradability of polymeric composite materials using bioranforts	24664677	Applied Engineering Letters	2	2	1	0	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3901	2017	Risk assessment of image sensor		Proceedings of the 30th International Business Information Management Association Conference Ibima 2017 Vision 2020 Sustainable Economic Development Innovation Management and Global Growth	2017-January		0	0	0	0	0
3902	2017	THE LEAST SQUARE HOMOTOPY PERTURBATION METHOD FOR BOUNDARY VALUE PROBLEMS	16833511	Applied and Computational Mathematics	16	1	1	1	1	0	1
3903	2017	Anodic oxidation of sulphite in alkaline aqueous solution on graphite electrode	8619808	Bulgarian Chemical Communications	49		2	1	1	1	0
3904	2017	Structural integrity of a wind loaded cylindrical steel shell structure	24523216	Procedia Structural Integrity	5		0	0	0	0	0
3905	2017	A MATLAB graphical interface to evaluate the CC2650 sensor tag		22nd Imeko Tc4 International Symposium and 20th International Workshop on ADC Modelling and Testing 2017 Supporting World Development Through Electrical and Electronic Measurements	2017-September		2	0	0	0	0
3906	2017	Measurements of short-time spectrum occupancy for ionospheric propagation		22nd Imeko Tc4 International Symposium and 20th International Workshop on ADC Modelling and Testing 2017 Supporting World Development Through Electrical and Electronic Measurements	2017-September		0	0	0	0	0
3907	2017	Accurate amplitude estimation of a noisy sine-wave via interpolated DFT algorithm		22nd Imeko Tc4 International Symposium and 20th International Workshop on ADC Modelling and Testing 2017 Supporting World Development Through Electrical and Electronic Measurements	2017-September		0	0	0	0	0
3908	2017	Methods for reducing conducted emissions levels		22nd Imeko Tc4 International Symposium and 20th International Workshop on ADC Modelling and Testing 2017 Supporting World Development Through Electrical and Electronic Measurements	2017-September		0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3909	2017	Model for the uv biologically effective dose and application under future climate conditions	15829596	Environmental Engineering and Management Journal	16	1	0	0	0	0	0
3910	2017	Type synthesis and analysis of geared linkages with linear actuation	13921207	Mechanika	24	1	1	1	2	3	3
3911	2017	Technological particularities regarding manual metal arc welding using pulsed current for butt joints		Metal 2017 26th International Conference on Metallurgy and Materials Conference Proceedings	2017-January		0	0	0	0	1
3912	2017	Cavitation erosion of grey cast iron with pearlite microstructure		Metal 2017 26th International Conference on Metallurgy and Materials Conference Proceedings	2017-January		1	1	0	0	0
3913	2017	The quenching - Tempering heat treatment and cavitation erosion resistance of nodular cast iron with ferrite - Pearlite microstructure		Metal 2017 26th International Conference on Metallurgy and Materials Conference Proceedings	2017-January		0	0	0	0	0
3914	2017	Opportunities of narrow gap MAG welding of API 5L X65M steel pipeline		Metal 2017 26th International Conference on Metallurgy and Materials Conference Proceedings	2017-January		1	0	0	0	0
3915	2017	Experimental testing and numerical modeling of steel frames under close-in detonations	18777058	Procedia Engineering	210		3	1	2	3	0
3916	2017	Seismic protection of structures using a hybrid system: Buckling restrained brace and magneto rheological damper		Compdyn 2017 Proceedings of the 6th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering	1		0	0	0	2	0
3917	2017	Finite element modelling of detachable short links		Compdyn 2017 Proceedings of the 6th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering	1		0	3	2	0	1
3918	2017	Dual steel frames with re-centering capacity and replaceable steel shear panels		Compdyn 2017 Proceedings of the 6th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering	1		1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3919	2017	External rapid prototyping validation system for the automotive development cycle	17858860	Acta Polytechnica Hungarica	14	6	0	0	0	0	0
3920	2017	Social utility and desirability of internal and external employees: Insights for collaboration at work	15837327	Psihologia Resurselor Umane	15	1	0	0	0	0	0
3921	2017	Value Co-creators in today's open innovation. How are they like?	20490933	Proceedings of the European Conference on Intellectual Capital	2017-April		0	0	0	0	1
3922	2017	The Evolution of Green Certificate Support Scheme for Promoting Renewable Energy in Romania		Proceedings of 8th International Conference on Energy and Environment Energy Saved Today is Asset for Future Ciem 2017			0	2	0	0	1
3923	2017	The influence of aza-substitution on the aromaticity of sumanene	12247154	Studia Universitatis Babes Bolyai Chemia	62	4	1	0	0	0	0
3924	2017	In vivo confocal microscopy quantification of reactive oxygen species: A working model in rat kidney	12200522	Romanian Journal of Morphology and Embryology	58	3	0	1	1	0	0
3925	2017	Clavicle anatomical osteosynthesis plate breakage – Failure analysis report based on patient morphological parameters	12200522	Romanian Journal of Morphology and Embryology	58	2	5	2	2	1	2
3926	2017	On the fracture behavior of polyurethane notched components	24523216	Procedia Structural Integrity	3		0	0	1	0	0
3927	2017	Inertization in vitreous matrix of exhausted reactive mixtures resulted from the removal of Cr(VI) with Fe0 in continuous-flow system	15833186	Revista Romana De Materiale Romanian Journal of Materials	47	4	0	1	0	0	0
3928	2017	ADME-Tox profiling of some low molecular weight water soluble chitosan derivatives	18487718	Admet and Dmpk	5	3	3	2	3	2	2
3929	2017	Cheap metallic iron source for hexavalent chromium removal	18766102	Energy Procedia	136		1	0	1	1	0
3930	2017	Centroid update approach to K-means clustering	15827445	Advances in Electrical and Computer Engineering	17	4	3	7	4	1	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3931	2017	Neural network architecture through data mining techniques	15827445	Advances in Electrical and Computer Engineering	17	4	0	0	0	0	0
3932	2017	Application of the optimal homotopy asymptotic method to nonlinear Bingham fluid dampers	23915471	Open Physics	15	1	0	0	1	0	1
3933	2017	Tailored sol-gel immobilized lipase prepares for the enzymatic kinetic resolution of heteroaromatic alcohols in batch and continuous flow systems	20462069	Rsc Advances	7	83	0	2	2	1	4
3934	2017	Bioinformatics visualisation tools: An unbalanced picture	9269630	Studies in Health Technology and Informatics	228		2	1	0	0	0
3935	2017	Comparisons between classic topographic measurements methods and lidar method on the corridor of 400kv power line, parta-sag sector	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	17	23	1	0	0	0	1
3936	2017	Oversized and heavy " Duty transports	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	17	12	0	0	1	0	0
3937	2017	Gamified learning: A role-playing approach to increase student in-class motivation	18770509	Procedia Computer Science	112		4	5	14	11	7
3938	2017	The water resource monitoring through the network of hydrometric stations from the banat region (Romania)	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	17	31	0	0	1	0	0
3939	2017	Decision tree learning used for the classification of student archetypes in online courses	18770509	Procedia Computer Science	112		4	10	4	10	9
3940	2017	Sustainable retrofitting of existing residential buildings: A case study using a rainscreen cladding system	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	17	62	1	2	0	0	0
3941	2017	Integrating brownfield sites into city redevelopment strategies	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	17	62	0	1	1	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3942	2017	A complete characterization of exponential stability for discrete dynamics	10236198	Journal of Difference Equations and Applications	23	12	2	0	2	1	1	
3943	2017	DNA Encoding Training Using 3D Gesture Interaction	9269630	Studies in Health Technology and Informatics	244		0	0	0	0	0	
3944	2017	Regional Monitoring of Cervical Cancer	9269630	Studies in Health Technology and Informatics	244		0	1	0	0	0	
3945	2017	Induction brazing of copper parts using amorphous brazing alloys	2555476	Materials Science Forum	907 MSF		0	0	0	0	0	
3946	2017	Seasonal modeling of hourly solar irradiation series	1221146X	Romanian Journal of Physics	62	07-Aug	2	0	0	0	0	
3947	2017	Local strain energy density for the fracture assessment of polyurethane specimens weakened by notches of different shape	19718993	Frattura Ed Integrita Strutturale	11	42	1	2	0	0	0	
3948	2017	Low-cost highly accurate energy profiling of IEEE 802.1 in communication driver		European Wireless 2017 23rd European Wireless Conference			1	0	0	0	0	
3949	2017	Process monitoring in precision machining using optical sensors	15847284	Romanian Journal of Acoustics and Vibration	14	1	0	0	0	0	0	
3950	2017	Is there any convergence in health expenditures across EU countries?	15452921	Economics Bulletin	37	3	1	0	3	5	2	
3951	2017	Experimental investigation of failure modes for sandwich beams	10139826	Key Engineering Materials	754 KEM		0	0	0	1	0	
3952	2017	Effect of TIO2 loading on powder-Activated carbon in advanced drinking-water treatment	1746448X	Wit Transactions on Ecology and the Environment	216		1	1	2	2	0	
3953	2017	Fast simultaneous electrochemical detection of tetracycline and fluoxetine in water	1746448X	Wit Transactions on Ecology and the Environment	216		1	3	0	2	1	
3954	2017	TIO2-modified zeolite-carbon nanotubes composite electrode for photoelectrodegradation of pentachlorophenol from water under uv irradiation	1746448X	Wit Transactions on Ecology and the Environment	216		1	0	0	1	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
3955	2017	Hamilton-Poisson Realizations of the Integrable Deformations of the Rikitake System	16879120	Advances in Mathematical Physics	2017		0	3	2	1	1		
3956	2017	Managing success: The benefits of marketing effectiveness and strategic plan adaptation in automotive industry		Proceedings of the 29th International Business Information Management Association Conference Education Excellence and Innovation Management Through Vision 2020 from Regional Development Sustainability to Global Economic Growth			1	0	0	0	0		
3957	2017	Risk management and an approach for introducing functional safety in the development of automotive E/E systems		Proceedings of the 29th International Business Information Management Association Conference Education Excellence and Innovation Management Through Vision 2020 from Regional Development Sustainability to Global Economic Growth			0	0	0	0	0		
3958	2017	Efficiency Improvement of an Iron-based Syngas Fueled Chemical Looping Combustion Plant with Carbon Capture	18766102	Energy Procedia	114		0	1	0	0	0		
3959	2017	Fuzzy and 2-DOF controllers for processes with a discontinuously variable parameter		Icinco 2017 Proceedings of the 14th International Conference on Informatics in Control Automation and Robotics	2		0	0	1	0	0		
3960	2017	Proportional-integral-derivative gain-scheduling control of a magnetic levitation system	18419836	International Journal of Computers Communications and Control	12	5	5	0	0	2	0		
3961	2017	Simulation of the upper limb recovery exercises during physical therapy rehabilitation	10139826	Key Engineering Materials	752 KEM		0	0	0	0	0		
3962	2017	Structure and properties of nanocrystalline Bi3+ doped KNbO3 ceramics obtained by hydrothermal method	22147853	Materials Today Proceedings	4	7	2	2	0	2	0		
3963	2017	Biogas Production Using Residual Waters in Co-fermentation Processes	22147853	Materials Today Proceedings	4	7	1	0	2	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3964	2017	Effect of polymorphism on photovoltaic performance of CuAlO ₂ delafossite nanomaterials for p-type dye-sensitized solar cells application	22147853	Materials Today Proceedings	4	7	3	3	4	2	2
3965	2017	Assessment of electrocoagulation process. Application in arsenic removal from drinking water	15829596	Environmental Engineering and Management Journal	16	4	1	0	1	1	0
3966	2017	Electrochemical detection of fluoxetine in water using a silver modified zeolite-carbon nanofiber electrode	15829596	Environmental Engineering and Management Journal	16	4	0	1	0	0	0
3967	2017	Space-variant gabor decomposition for filtering 3D medical images	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	10425 LNCS		0	0	0	0	1
3968	2017	Experimental investigation and computational fluid dynamics (CFD) analysis of an eco-friendly turbine	15829596	Environmental Engineering and Management Journal	16	4	1	0	0	0	0
3969	2017	Is contrast enhanced ultrasonography a useful tool in a beginner's hand? How much can a Computer assisted diagnosis prototype help in characterizing the malignancy of focal liver lesions?	18444172	Medical Ultrasonography	19	3	1	5	1	1	2
3970	2017	Purity determination of fusidic acid using physico-chemical methods	347752	Revista De Chimie	68	7	1	0	0	0	0
3971	2017	Adsorption performance of the organic solid support impregnated with ionic liquid in the removal process of Tl(I) from aqueous solutions	9575820	Process Safety and Environmental Protection	108		2	3	1	3	4
3972	2017	Simultaneous voltammetric detection of ammonium and nitrite from groundwater at silver-electrodecorated carbon nanotube electrode	9575820	Process Safety and Environmental Protection	108		3	3	6	10	11
3973	2017	Titanium dioxide-modified activated carbon for advanced drinking water treatment	9575820	Process Safety and Environmental Protection	108		15	7	6	5	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3974	2017	Life cycle assessment and life cycle cost analysis of a nearly zero energy residential building - A case study	15829596	Environmental Engineering and Management Journal	16	3	0	1	0	0	0
3975	2017	Measurement of $W\hat{A}\pm W\hat{A}\pm$ vector-boson scattering and limits on anomalous quartic gauge couplings with the ATLAS detector	24700010	Physical Review D	96	1	2	2	8	7	9
3976	2017	Case study of consolidation methods with fiber-based composite materials in Romania	10139826	Key Engineering Materials	747 KEM		0	0	0	1	0
3977	2017	Consolidation methods of Romanian historical building with composite materials	10139826	Key Engineering Materials	747 KEM		1	2	2	1	3
3978	2017	Stable Takagi-Sugeno fuzzy control designed by optimization	9740635	International Journal of Artificial Intelligence	15	2	14	6	7	1	1
3979	2017	Automotive applications of evolving Takagi-Sugeno-Kang fuzzy models	3542025	Facta Universitatis Series Mechanical Engineering	15	2	0	2	0	0	0
3980	2017	Surface characteristics of base metal dental alloys processed by alternative procedures	10120386	Defect and Diffusion Forum	376		0	0	2	0	0
3981	2017	Designing wireless automotive keys with rights sharing capabilities on the MSP430 microcontroller		Vehits 2017 Proceedings of the 3rd International Conference on Vehicle Technology and Intelligent Transport Systems			2	0	2	0	0
3982	2017	Spectrophotometric determination of Selenium through triiodide anion	14336510	Clinical Laboratory	63	05-Jun	0	0	1	0	1
3983	2017	The influence of crack tip shielding on fatigue crack propagation	19718993	Frattura Ed Integrita Strutturale	11	41	0	0	0	0	1
3984	2017	Some inequalities on power bounded operators acting on locally convex spaces	1846579X	Journal of Mathematical Inequalities	11	2	0	1	0	1	0
3985	2017	Influence of the laser cladding parameters and solar heat treatment on the properties of biocompatible inconel 718 coatings	15833186	Revista Romana De Materiale Romanian Journal of Materials	47	2	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
3986	2017	Investigations on the photochromic properties of 2,6-bis(5-bromo-2-hydroxybenzylidene)cyclohexanone	1474905X	Photochemical and Photobiological Sciences	16	6	1	3	0	0	0
3987	2017	Study of Static Magnetic Properties of Transformer Oil Based Magnetic Fluids for Various Technical Applications Using Demagnetizing Field Correction	16874110	Journal of Nanomaterials	2017		2	3	1	0	1
3988	2017	A new model for the equation describing the cavitation mean depth erosion rate curve	347752	Revista De Chimie	68	4	2	1	3	4	3
3989	2017	Multivariate statistical analysis regarding the formulation of oxiam-based pharmaceutical hydrogels	347752	Revista De Chimie	68	4	0	1	0	0	0
3990	2017	Refurbishment of existing steel structures – An actual problem	5536626	Periodica Polytechnica Civil Engineering	61	3	0	0	1	1	0
3991	2017	Anodic oxidation of sulphite in alkaline media on platinum nanoparticles modified nickel electrode	18571727	Chemistry Journal of Moldova	12	1	0	0	0	0	1
3992	2017	Reuse of expired cefort drug in nickel electrodeposition from watts bath	18571727	Chemistry Journal of Moldova	12	1	0	1	0	0	0
3993	2017	Municipal Solid Waste Incineration: Recovery or Disposal. Case Study of City Timisoara, Romania	18777058	Procedia Engineering	181		3	0	1	1	0
3994	2017	The Influence of Magnetic Field on Low Pressure Injection of Oxyhydrogen in Turbocharged Compression Ignition Engines	18777058	Procedia Engineering	181		0	4	0	0	0
3995	2017	Grey Wolf optimizer algorithm-based tuning of fuzzy control systems with reduced parametric sensitivity	2780046	IEEE Transactions on Industrial Electronics	64	1	38	44	38	29	14
3996	2017	A virtual patient representation in the medical rehabilitation domain	9269630	Studies in Health Technology and Informatics	228		0	1	0	0	0
3997	2017	Magnesium silicate doped with environmentally friendly extractants used for rare earth elements adsorption	19443994	Desalination and Water Treatment	63		6	2	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
3998	2017	Measuring the negative impact of long sitting hours at high school students using the microsoft kinect	9269630	Studies in Health Technology and Informatics	236		0	1	0	0	0	
3999	2017	Method to depict the best available position, when relocating monitoring stations	13115065	Journal of Environmental Protection and Ecology	18	1	0	1	0	0	0	
4000	2017	Environmental objective analysis, ranking and clustering of Hungarian cities	13115065	Journal of Environmental Protection and Ecology	18	1	0	0	1	1	0	
4001	2017	Review of solar irradiance model under clear sky condition	13115065	Journal of Environmental Protection and Ecology	18	1	1	0	0	0	0	
4002	2017	Monitoring of lead, copper and cadmium contamination level of soil from Zlatna Region - Romania	13115065	Journal of Environmental Protection and Ecology	18	1	4	0	0	0	0	
4003	2017	Improving the data storage performances with layered nanowires for synthetic antiferromagnetic racetrack memories	12211451	Romanian Reports in Physics	69	1	0	1	1	0	0	
4004	2017	Experimental determination of mixed-mode fracture toughness for rigid polyurethane foams	21954356	Lecture Notes in Mechanical Engineering			4	0	1	2	1	
4005	2017	Evolving fuzzy models for automated translation	17858860	Acta Polytechnica Hungarica	14	2	1	0	0	0	1	
4006	2017	Network science meets respiratory medicine for OSAS phenotyping and severity prediction	21678359	Peerj	2017	5	3	8	2	2	1	
4007	2017	Augmented reality lenses for smart city data: The case of building permits	21945357	Advances in Intelligent Systems and Computing	569		2	2	2	0	0	
4008	2017	Biogas production using waste waters “Influence of process parameters for test rig at laboratory scale	12247154	Studia Universitatis Babes Bolyai Chemia	62	1	0	0	0	0	0	
4009	2017	Optimal homotopy perturbation method for nonlinear differential equations governing MHD Jeffery-Hamel flow with heat transfer problem	23915471	Open Physics	15	1	1	1	1	2	2	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4010	2017	Experimental investigations of MR Fluids in air and water used for brakes and clutches	18698433	Advanced Structured Materials	65		0	1	0	0	0
4011	2017	Hydrodynamic investigations in a swirl generator using a magneto-rheological brake	18698433	Advanced Structured Materials	65		1	3	0	1	0
4012	2017	On the wold-type decompositions for n-tuples of commuting isometric semigroups	3545180	Filomat	31	5	0	0	2	1	0
4013	2017	Value assigned to employees who preserve the social and organizational environment	20711050	Sustainability Switzerland	9	2	1	0	0	0	0
4014	2017	Single-scale fusion: An effective approach to merging images	10577149	IEEE Transactions on Image Processing	26	1	12	6	6	9	5
4015	2017	Symmetries and Properties of the Energy-Casimir Mapping in the Ball-Plate Problem	16879120	Advances in Mathematical Physics	2017		0	0	2	0	1
4016	2017	Histology and surface ultrastructure during early healing after gingival augmentation with a threedimensional collagen matrix: A report of six cases	336572	Quintessence International	48	1	1	1	0	0	0
4017	2017	Flow patterns in helical-type graft: Biomedical applications	17557437	International Journal of Design and Nature and Ecodynamics	12	1	1	0	0	0	0
4018	2017	Safety performance indicators in the metallurgical industry using web programming	5435846	Metalurgija	56	01-Feb	0	0	0	0	0
4019	2017	Granulation of bulk metallic glass forming alloys as a feedstock for thermoplastic forming and their compaction into bulk samples	2555476	Materials Science Forum	879		0	0	0	0	0
4020	2017	Design and control solutions for haptic elbow exoskeleton module used in space telerobotics	0094114X	Mechanism and Machine Theory	107		4	2	2	4	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4021	2017	Optimal design of a grasping device through simplified pose synthesis of a four-bar linkage	22110984	Mechanisms and Machine Science	46		0	0	0	0	0
4022	2017	Automation of a prototype for cutting, sorting and bundling of SRC crops for planting purposes	2632241	Measurement Journal of the International Measurement Confederation	95		0	0	1	0	0
4023	2017	General algorithm for computing the theoretical centering precision of the gripping devices	22110984	Mechanisms and Machine Science	44		0	1	0	0	0
4024	2017	Kinetic studies of the dehydroxylation and crystallization of raw kaolinite and fluorides-modified kaolinite	13886150	Journal of Thermal Analysis and Calorimetry	127	1	3	0	2	3	2
4025	2017	Comparative analysis of agricultural materials influenced by anaerobic fermentation for biogas production in terms of ash melting behavior	13886150	Journal of Thermal Analysis and Calorimetry	127	1	0	0	2	0	0
4026	2017	About thermostability of biocompatible Tiâ€ŽZrâ€ŽTaâ€ŽSi amorphous alloys	13886150	Journal of Thermal Analysis and Calorimetry	127	1	0	0	2	1	1
4027	2017	Optimizing the parameters for in situ fabrication of hybrid Al-Al2O3 composites	13886150	Journal of Thermal Analysis and Calorimetry	127	1	0	0	2	1	1
4028	2017	Influence of polyols on the formation of nanocrystalline nickel ferrite inside silica matrices	220248	Journal of Crystal Growth	457		0	1	0	0	0
4029	2017	Effect of wire electrodeâ€™s ultrasonic vibration on erosive capacity to W-EDM machines	2683768	International Journal of Advanced Manufacturing Technology	88	01-Apr	3	2	0	1	0
4030	2017	Thermal stability of the solvothermal-synthesized MnFe2O4 nanopowder	13886150	Journal of Thermal Analysis and Calorimetry	127	1	2	7	3	3	2
4031	2016	Proportional-integral gain-scheduling control of a magnetic levitation system		2016 20th International Conference on System Theory Control and Computing Ictsc 2016 Joint Conference of Sintes 20 Saccs 16 Simsis 20 Proceedings			2	1	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4032	2016	Improving model reference control performance using model-free VRFT and Q-learning		2016 20th International Conference on System Theory Control and Computing Icstcc 2016 Joint Conference of Sintes 20 Saccs 16 Simsis 20 Proceedings			1	0	0	0	1
4033	2016	Multiple methods of data acquisition for a LEGO NXT 2 mobile robot. the use of a second NXT 2 hardware platform		ACM International Conference Proceeding Series			0	1	0	0	0
4034	2016	Development of an AUTOSAR compliant cryptographic library on state-of-the-art automotive grade controllers		Proceedings 2016 11th International Conference on Availability Reliability and Security Ares 2016			2	3	0	2	0
4035	2016	On the Dynamic Measurements of Hydraulic Characteristics	17551307	Iop Conference Series Earth and Environmental Science	49	6	0	0	0	0	0
4036	2016	3D Numerical Simulation versus Experimental Assessment of Pressure Pulsations Using a Passive Method for Swirling Flow Control in Conical Diffusers of Hydraulic Turbines	17551307	Iop Conference Series Earth and Environmental Science	49	8	3	1	0	1	1
4037	2016	Hydrodynamic Analysis of the Flow Field Induced by a Symmetrical Suction Elbow at the Pump Inlet	17551307	Iop Conference Series Earth and Environmental Science	49	3	0	0	0	1	0
4038	2016	Swirling Flow Computation at the Trailing Edge of Radial-Axial Hydraulic Turbines	17551307	Iop Conference Series Earth and Environmental Science	49	8	0	0	0	0	0
4039	2016	The Complex Dynamics of the Precessing Vortex Rope in a Straight Diffuser	17551307	Iop Conference Series Earth and Environmental Science	49	8	1	2	3	3	1
4040	2016	Hydrodynamic Analysis of the Flow in an Axial Rotor and Impeller for Large Storage Pump	17551307	Iop Conference Series Earth and Environmental Science	49	3	0	1	0	1	0
4041	2016	Investigation of the Plunging Pressure Pulsation in a Swirling Flow with Precessing Vortex Rope in a Straight Diffuser	17551307	Iop Conference Series Earth and Environmental Science	49	8	1	5	2	2	0
4042	2016	Search for dark matter produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	763		0	1	2	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4043	2016	A comparison between single-phase and two-phase Hybrid Buck L converter		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	0	1	0		
4044	2016	Brain-Computer Interface review		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	5	10	5	5		
4045	2016	Power wire thickness influence on the multicopters flight time		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	2	0	0	0		
4046	2016	Leap Motion supporting medical education		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			4	3	1	2	0		
4047	2016	On teaching Raspberry Pi for undergraduate university programmes		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	3	2	1	0		
4048	2016	Steps in deployment and development of Convolutional Neural Network based applications		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	1	0	0		
4049	2016	Limits of mathematical model used in wind turbine descriptions		Proceedings of the 2016 International Conference and Exposition on Electrical and Power Engineering EPE 2016			7	1	0	0	0		
4050	2016	Voice-controlled smart assistive device for visually impaired individuals		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			3	1	2	4	0		
4051	2016	Structure of signal received by passive ionospheric sounding in the HF band at the location of Timisoara, Romania		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	0	0	0		
4052	2016	Denoising of single look complex SAR images using Hurst estimation		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	2	1	0	0		
4053	2016	Influence of wideband noise on sinusoid parameter estimation provided by the two-point interpolated odd-DFT algorithm		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4054	2016	HetNet performance analysis from the eICIC parameters perspective		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	0	0	0	1		
4055	2016	Towards a generic gamification of sorting algorithms		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	1	1	0	1		
4056	2016	Sentinel 1 Stripmap GRDH image despeckling using two stages algorithms		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	1	1	1	0		
4057	2016	Kalman and Butterworth filtering for GNSS/INS data		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	1	1	1		
4058	2016	Synthesis of universal space vector modulator for matrix converters		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	1	0	0	0		
4059	2016	Functional Simulation methodes		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	1	0	0	0		
4060	2016	Measurement experiments performed using the ASLK PRO board		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	0	0	0		
4061	2016	Fault simulation methodes		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	0	0	0	0		
4062	2016	Optimal operation of an wind power system with energy storage in electric accumulators		Proceedings of the 2016 International Conference and Exposition on Electrical and Power Engineering EPE 2016			3	0	0	0	0		
4063	2016	SONAR images restoration in the wavelets domain		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	0	1	0		
4064	2016	Stray dogs behavior detection in urban area video surveillance streams		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			2	0	0	1	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4065	2016	PID control of a DC motor using Labview Interface for Embedded Platforms		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	2	2	1	0
4066	2016	Robotic arm joint recognition in space using a neural network trained with pattern matching in LabWindows/CVI with Vision Development Module		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	0	0	0
4067	2016	Connectivity for routing persistent connections		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	1	0	0	0
4068	2016	Measurement of radiated immunity in the automotive industry: Key concepts		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			4	0	0	0	0
4069	2016	Didactic equipment for studying automation and applied informatics		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	0	0	0
4070	2016	Measurement of radiated emissions from an automotive cluster		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			0	0	0	0	1
4071	2016	Numerical simulations of the electric parameters of the plate-Type electrostatic precipitators supplied with DC voltage		Proceedings of the 2016 International Conference and Exposition on Electrical and Power Engineering EPE 2016			0	0	1	0	0
4072	2016	Commanding a robotic arm on serial interface using Linux operating system running on FPGA		2016 12th International Symposium on Electronics and Telecommunications Isetc 2016 Conference Proceedings			1	0	0	0	0
4073	2016	Automatic control of a quadcopter, AR. drone, using a smart glove		ACM International Conference Proceeding Series			1	2	1	1	1
4074	2016	Testing immunity to portable transmitters with helical antennas: Key concepts		2016 IEEE 22nd International Symposium for Design and Technology in Electronic Packaging Siitme 2016			3	1	0	0	0
4075	2016	Structural solutions based on intensive use of steel for over-roofing of existing precast concrete panel buildings	13694332	Advances in Structural Engineering	19	12	0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4076	2016	Synthesis, characterization and enzymatic degradation of copolymers of ̐-caprolactone and hydroxy-fatty acids	334545	Pure and Applied Chemistry	88	12	2	3	0	0	0
4077	2016	Sorption properties of Amberlite XAD 7 functionalized with sodium ̐-glycerophosphate	334545	Pure and Applied Chemistry	88	12	0	1	1	0	2
4078	2016	Unburned clay bound building materials for masonry	255289	Materiale Plastice	53	4	0	0	0	0	0
4079	2016	Experimental and XFEM analysis of mode II propagating crack in a polyurethane foam	255289	Materiale Plastice	53	4	3	0	2	1	0
4080	2016	Cavitation erosion of HVOF metal-ceramic composite coatings deposited onto duplex stainless steel substrate	255289	Materiale Plastice	53	4	0	1	0	0	0
4081	2016	Efficient kinetic resolution of 1,5-dihydroxy-1,2,3,4-tetrahydronaphthalene catalyzed by immobilized Burkholderia cepacia lipase in batch and continuous-flow system	13595113	Process Biochemistry	51	12	2	4	0	0	1
4082	2016	New vulnerabilities of historic urban centers and archaeological sites: Extreme loads	17881994	Pollack Periodica	11	3	1	0	1	0	0
4083	2016	The comparative analysis on using the NEPCM materials and nanofluids for microchannel cooling solutions	7351933	International Communications in Heat and Mass Transfer	79		3	2	3	3	2
4084	2016	Accuracy analysis of complex sinusoid amplitude and phase estimation by means of the interpolated discrete-time Fourier transform algorithm	10512004	Digital Signal Processing A Review Journal	59		0	0	0	0	1
4085	2016	Variable throughput LDPC decoders using simdbased adaptive quantization		2016 39th International Conference on Telecommunications and Signal Processing Tsp 2016			0	0	0	0	0
4086	2016	Robotic arm control in space with color recognition using a Raspberry PI		2016 39th International Conference on Telecommunications and Signal Processing Tsp 2016			0	0	2	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4087	2016	Vector control structure of an asynchronous motor using two controllers		2016 International Conference on Applied and Theoretical Electricity Icate 2016 Proceedings			0	0	0	0	0
4088	2016	Performances analysis of an induction motor with stator slot magnetic wedges		2016 International Conference on Applied and Theoretical Electricity Icate 2016 Proceedings			2	1	3	0	0
4089	2016	Novel hybrid buck L converter for wide conversion ratios		Proceedings 2016 IEEE International Power Electronics and Motion Control Conference Pemc 2016			0	1	1	0	0
4090	2016	Experimental investigations of the structural transformations induced by the heat treatment in manganese ferrite synthesized by ultrasonic assisted co-precipitation method	2728842	Ceramics International	42	15	4	3	3	1	3
4091	2016	Cooperative positioning system for indoor surveillance applications		2016 International Conference on Indoor Positioning and Indoor Navigation Ipin 2016			1	0	1	0	0
4092	2016	Measurement of top quark pair differential cross sections in the dilepton channel in pp collisions at $\sqrt{s} = 7$ and 8 TeV with ATLAS	24700010	Physical Review D	94	9	1	6	8	7	9
4093	2016	Experimental analysis of noise level and channels availability for high frequency OFDM data transmission in NVIS propagation conditions	10774076	IEEE International Symposium on Electromagnetic Compatibility	2016-November		1	1	1	0	2
4094	2016	An incomplete dominance genetic algorithm approach to microarray data analysis		Proceedings 2016 IEEE 12th International Conference on Intelligent Computer Communication and Processing Iccp 2016			0	0	1	0	0
4095	2016	Real time adaptive video streaming		Proceedings 2016 IEEE 12th International Conference on Intelligent Computer Communication and Processing Iccp 2016			0	0	0	0	0
4096	2016	Evolving fuzzy models for myoelectric-based control of a prosthetic hand		2016 IEEE International Conference on Fuzzy Systems Fuzz IEEE 2016			2	10	2	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4097	2016	PMSM with rotor PM mechanical flux-weakening (MFW) to zero for an 150kW, 600Vdc, 500-6000 rpm drive: Preliminary design with key validation		Proceedings 2016 22nd International Conference on Electrical Machines ICEM 2016			0	1	2	4	2
4098	2016	Small single-phase two pole Ferrite-PM-stator double-saliency motor: Optimal design and experimental characterization		Proceedings 2016 22nd International Conference on Electrical Machines ICEM 2016			0	0	0	0	0
4099	2016	Experimental investigation of rotor currents distribution in three phase induction motors with symmetrical squirrel cage at standstill		Proceedings 2016 22nd International Conference on Electrical Machines ICEM 2016			1	0	0	0	0
4100	2016	Adsorption of phenol or phenol derivatives onto styrene-1%(15%)divinylbenzene polymeric adsorbents functionalized with aminopropyl(benzyl)phosphonic groups	347752	Revista De Chimie	67	11	0	1	1	0	0
4101	2016	A measurement of material in the ATLAS tracker using secondary hadronic interactions in 7TeV pp collisions	17480221	Journal of Instrumentation	11	11	3	0	1	1	1
4102	2016	Heat transfer during boiling of some aqueous-alcohol systems	353930	Revue Roumaine De Chimie	61	11-Dec	0	1	0	0	0
4103	2016	Influence of precursor crystallinity on photocatalytic activity of PdS/CdS-ZnS	14544164	Journal of Optoelectronics and Advanced Materials	18	11-Dec	0	0	1	0	0
4104	2016	Performance of poly(styrene-co-divinylbenzene) functionalized with different aminophosphonate pendant groups, in the removal of phenolic compounds from aqueous solutions	334545	Pure and Applied Chemistry	88	10-Nov	1	0	2	1	1
4105	2016	Synthesis, characterizations and Pb(II) sorption properties of cobalt phosphonate materials	334545	Pure and Applied Chemistry	88	10-Nov	1	3	6	0	1
4106	2016	Geodetic studies with significant contribution to landslide monitoring in south-western Romania - Area with high risk potential	13303651	Tehnicky Vjesnik	23	6	1	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4107	2016	The influence of carbon, manganese and silicon content upon the hardness of phosphorus cast iron used in manufacturing rolling stock braking shoes	13303651	Tehnicki Vjesnik	23	6	0	0	0	0	0	
4108	2016	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector	11266708	Journal of High Energy Physics	2016	11	0	0	3	0	0	
4109	2016	Theoretical/experimental study of reinforced-concrete frame with masonry infill	9650911	Proceedings of the Institution of Civil Engineers Structures and Buildings	169	11	0	0	0	0	1	
4110	2016	Hyers–Ulam stability and discrete dichotomy for difference periodic systems	74497	Bulletin Des Sciences Mathematiques	140	8	7	10	3	1	8	
4111	2016	Strontium adsorption on ionic liquid impregnated Florisil: Fixed-bed column studies	1496395	Separation Science and Technology Philadelphia	51	15-16	3	0	0	0	0	
4112	2016	Evaluation of the erosion of critical buckling load of cold-formed steel members in compression based on Koiter asymptotic analysis	2638231	Thin Walled Structures	108		1	2	3	3	1	
4113	2016	Synthesis, structural and electrical properties of NaTaO3:Cu	9574522	Journal of Materials Science Materials in Electronics	27	11	0	0	0	0	1	
4114	2016	Koiter Asymptotic Analysis of Thin-walled Cold-formed Steel Uprights Pallet Racks	23520124	Structures	8		0	0	1	1	1	
4115	2016	The development of a new efficient adsorbent for the removal of methylene blue	1496395	Separation Science and Technology Philadelphia	51	15-16	0	1	0	0	1	
4116	2016	Experimental and numerical crack paths in PUR foams	137944	Engineering Fracture Mechanics	167		8	4	9	1	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4117	2016	Towards developing an efficient sensitive element for trinitrotoluene detection: TiO 2 thin films functionalized with molecularly imprinted copolymer films	1694332	Applied Surface Science	384		3	3	0	0	1
4118	2016	On linear and nonlinear aspects of dynamic mode decomposition	2712091	International Journal for Numerical Methods in Fluids	82	6	7	9	11	4	5
4119	2016	Power quality assessment system for a 220 kV/110 kV high voltage power station		10th International Conference 2016 Electric Power Quality and Supply Reliability Pq 2016 Proceedings			4	1	1	1	0
4120	2016	Speed control for a permanent magnet synchronous motor based on fuzzy logic with reduced perturbations on the supply network		10th International Conference 2016 Electric Power Quality and Supply Reliability Pq 2016 Proceedings			0	0	1	0	0
4121	2016	QC-LDPC Gear-Like Decoder Architecture with Multi-domain Quantization		Proceedings 19th Euromicro Conference on Digital System Design Dsd 2016			0	0	0	0	0
4122	2016	Measurement of the Inelastic Proton-Proton Cross Section at $\sqrt{s}=13$ TeV with the ATLAS Detector at the LHC	319007	Physical Review Letters	117	18	28	26	9	28	22
4123	2016	Effect of geometry modulation on the full dispersion diagram of a 2D periodic structure built in stripline technology		2016 IEEE Antennas and Propagation Society International Symposium Apsursi 2016 Proceedings			0	0	0	0	0
4124	2016	Two-dimension sorting and selection algorithm featuring thermal balancing control for modular multilevel converters		2016 18th European Conference on Power Electronics and Applications EPE 2016 Ecce Europe			4	2	0	1	3
4125	2016	Power system frequency estimation accuracy of improved DFT-based algorithms over short intervals		2016 IEEE International Workshop on Applied Measurements for Power Systems Amps 2016 Proceedings			0	2	0	1	1
4126	2016	State feedback and proportional-integral-derivative control of a magnetic levitation system		Sisy 2016 IEEE 14th International Symposium on Intelligent Systems and Informatics Proceedings			0	2	1	0	1
4127	2016	Highlighting the maxillofacial trauma influence on posture by FEA modeling simulation		Sisy 2016 IEEE 14th International Symposium on Intelligent Systems and Informatics Proceedings			1	0	0	0	0

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							2020	2021	2022	2023	2024	
4128	2016	Electrochemical selective and simultaneous detection of diclofenac and ibuprofen in aqueous solution using hkust-1 metal-organic framework-carbon nanofiber composite electrode	14248220	Sensors Switzerland	16	10	4	3	11	5	4	
4129	2016	Effects of supplementation with pomegranate juice on plasma C-reactive protein concentrations: A systematic review and meta-analysis of randomized controlled trials	9447113	Phytomedicine	23	11	3	7	3	3	2	
4130	2016	Learning the relationship between the primary structure of HIV envelope glycoproteins and neutralization activity of particular antibodies by using artificial neural networks	16616596	International Journal of Molecular Sciences	17	10	1	1	4	5	3	
4131	2016	High pressure die casting of Fe-based metallic glass	20452322	Scientific Reports	6		6	6	5	1	2	
4132	2016	Measurement of the $t\bar{t}A^-$ production cross-section using e^+e^- events with b-tagged jets in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	761		7	3	4	1	3	
4133	2016	Measurement of the top quark mass in the $t\bar{t}A^+\bar{A}'$ dilepton channel from $\sqrt{s}=8\text{ TeV}$ ATLAS data	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	761		5	2	2	4	5	
4134	2016	Predicting the salt water intrusion in the Shatt al-Arab estuary using an analytical approach	10275606	Hydrology and Earth System Sciences	20	10	5	3	3	2	2	
4135	2016	SWIRL2D: An interface tracking algorithm for computing the two-dimensional swirling flows with stagnant region	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	17	4	0	1	0	0	0	
4136	2016	Spin coherent states defined in the Barut-Girardello manner	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	17	4	0	1	0	0	0	

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							2020	2021	2022	2023	2024
4137	2016	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector	14346044	European Physical Journal C	76	10	2	0	1	2	0
4138	2016	Researches on the reduction of steel hydrogen content by its secondary treatment inside the ladle	13303651	Tehnicki Vjesnik	23	5	0	0	0	0	0
4139	2016	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	76	10	0	3	1	1	0
4140	2016	Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	14346044	European Physical Journal C	76	10	1	2	2	3	3
4141	2016	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector	14346044	European Physical Journal C	76	10	13	12	10	13	12
4142	2016	The performance of the jet trigger for the ATLAS detector during 2011 data taking	14346044	European Physical Journal C	76	10	5	3	2	2	5
4143	2016	Ozonation of pyridine and other N-heterocyclic aromatic compounds: Kinetics, stoichiometry, identification of products and elucidation of pathways	431354	Water Research	102		5	8	7	4	5
4144	2016	Three-level hierarchical model-free learning approach to trajectory tracking control	9521976	Engineering Applications of Artificial Intelligence	55		2	4	5	3	5
4145	2016	Oil price and exchange rate in India: Fresh evidence from continuous wavelet approach and asymmetric, multi-horizon Granger-causality tests	3062619	Applied Energy	179		6	9	10	8	5
4146	2016	Bifurcations in a family of Hamiltonian systems and associated nontwist cubic maps	9600779	Chaos Solitons and Fractals	91		1	1	0	0	1

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							2020	2021	2022	2023	2024
4147	2016	Solid-state preformulation studies of amiodarone hydrochloride	13886150	Journal of Thermal Analysis and Calorimetry	126	1	2	1	2	2	0
4148	2016	Evaluating the resilience of the bottom-up method used to detect and Benchmark the smartness of University Campuses		IEEE 2nd International Smart Cities Conference Improving the Citizens Quality of Life Isc2 2016 Proceedings			1	2	0	2	1
4149	2016	Designing Security for In-vehicle Networks: A Body Control Module (BCM) Centered Viewpoint		Proceedings 46th Annual IEEE IFIP International Conference on Dependable Systems and Networks Dsn W 2016			0	0	1	2	0
4150	2016	Search for top squarks in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	24700010	Physical Review D	94	5	3	2	3	2	1
4151	2016	Dissociative recombination and vibrational excitation of BF^+ in low energy electron collisions	9630252	Plasma Sources Science and Technology	25	5	0	3	1	1	1
4152	2016	Search for Higgs and Z Boson Decays to $\tilde{\ell}^+\tilde{\ell}^3$ with the ATLAS Detector	319007	Physical Review Letters	117	11	0	6	3	3	1
4153	2016	Dual Coating Laser Cladding of NiCrBSi and Inconel 718	10426914	Materials and Manufacturing Processes	31	12	7	5	9	4	5
4154	2016	Clustering drug-drug interaction networks with energy model layouts: Community analysis and drug repurposing	20452322	Scientific Reports	6		9	6	6	2	5
4155	2016	Search for pair production of Higgs bosons in the bbbb final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	24700010	Physical Review D	94	5	5	6	2	2	3
4156	2016	Dimensional synthesis of a leg mechanism	17578981	Iop Conference Series Materials Science and Engineering	147	1	0	0	0	1	1
4157	2016	Top-down synthesis of mesocrystalline Fe_2O_3 submillimeter-sized rhombohedrons	2726351	Particulate Science and Technology	34	5	0	0	0	0	1
4158	2016	TIG deposition of Ti on steel substrates using Cu as interlayer	255300	Materialprüfung Materials Testing	58	9	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4159	2016	The influence of laser radiation in decontamination of bacterial plaque in patients with orthodontic treatment. A microbiological "in vitro" investigation	15849244	Archives of the Balkan Medical Union	51	3	1	1	0	0	0		
4160	2016	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $\sqrt{s}=8$ TeV proton-proton collisions	11266708	Journal of High Energy Physics	2016	9	3	2	0	0	0		
4161	2016	Searches for heavy diboson resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2016	9	3	1	2	1	0		
4162	2016	The influence of the air thermal and rainfall regimes on storage lakes water turbidity	255289	Materiale Plastice	53	3	0	1	0	0	0		
4163	2016	Energetic efficiency calculation for a new experimental reactor	255289	Materiale Plastice	53	3	0	2	1	0	0		
4164	2016	The mixtures of castor oil and adipic esters with biolubricating characteristics	255289	Materiale Plastice	53	3	0	0	0	0	0		
4165	2016	Heat treatment influence on the wear behaviour of titanium-molybdenum biomedical alloys	255289	Materiale Plastice	53	3	0	0	0	0	0		
4166	2016	Water quality modeling of bega river using mke 11	255289	Materiale Plastice	53	3	1	2	0	1	1		
4167	2016	1-kW 2000-4500 r/min ferrite PMSM Drive: Comprehensive characterization and two sensorless control options	939994	IEEE Transactions on Industry Applications	52	5	2	0	1	0	1		
4168	2016	Search for supersymmetry in a final state containing two photons and missing transverse momentum in $\sqrt{s}=\sqrt{13}$ TeV pp collisions at the LHC using the ATLAS detector	14346044	European Physical Journal C	76	9	3	1	0	2	1		
4169	2016	Study of the rare decays of B_s^0 and B^0 into muon pairs from data collected during the LHC Run 1 with the ATLAS detector	14346044	European Physical Journal C	76	9	5	3	4	2	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4170	2016	Measurement of jet activity in top quark events using the e ⁺ e ⁻ final state with two b-tagged jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2016	9	0	0	0	0	0
4171	2016	Measurement of total and differential W + W $\gamma\gamma$ production cross sections in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector and limits on anomalous triple-gauge-boson couplings	11266708	Journal of High Energy Physics	2016	9	6	5	3	3	3
4172	2016	Search for resonances in diphoton events at $\sqrt{s}=13$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2016	9	11	5	3	8	7
4173	2016	Å...ngstrÅm-Prescott equation: Physical basis, empirical models and sensitivity analysis	13640321	Renewable and Sustainable Energy Reviews	62		15	14	16	10	6
4174	2016	Investigation of magnetite nanoparticles stability in air by thermal analysis and FTIR spectroscopy	13886150	Journal of Thermal Analysis and Calorimetry	125	3	16	25	22	37	37
4175	2016	Thermoanalytical techniques: Excellent tools for the characterization of ferrite/SiO ₂ nanocomposites and their precursors	13886150	Journal of Thermal Analysis and Calorimetry	125	3	0	0	0	0	0
4176	2016	Exploring the role of FDI in enhancing the entrepreneurial activity in Europe: a panel data analysis	15547191	International Entrepreneurship and Management Journal	12	3	6	3	6	5	2
4177	2016	Measurement of exclusive $\tilde{\chi}^0_1 \tilde{\chi}^{\pm}_1 W+W-$ production and search for exclusive Higgs boson production in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector	24700010	Physical Review D	94	3	9	9	5	5	5
4178	2016	New interpolation tools for digital signal processing		Idt 2016 Proceedings of the International Conference on Information and Digital Technologies 2016			0	1	0	0	0
4179	2016	Perception of cabin air quality among drivers and passengers	20711050	Sustainability Switzerland	8	9	1	2	0	4	2
4180	2016	Microgrid laboratory for educational and research purposes		Eeeic 2016 International Conference on Environment and Electrical Engineering			3	2	3	5	2

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4181	2016	Nonlinear droop charging control of a supercapacitor with a bi-directional hybrid DC-DC converter		Eeeic 2016 International Conference on Environment and Electrical Engineering			0	0	0	0	0
4182	2016	Optimal management of a virtual power plant		Eeeic 2016 International Conference on Environment and Electrical Engineering			2	2	1	1	0
4183	2016	A new algorithm for the design of metal oxide varistor surge arresters		Eeeic 2016 International Conference on Environment and Electrical Engineering			2	2	2	1	0
4184	2016	Markov chains state transitions for reliable persistent routing		Ines 2016 20th Jubilee IEEE International Conference on Intelligent Engineering Systems Proceedings			0	2	0	0	0
4185	2016	Laboratory setup for microgrid study		Ines 2016 20th Jubilee IEEE International Conference on Intelligent Engineering Systems Proceedings			0	0	4	0	0
4186	2016	An analysis of diffuse solar radiation		Ines 2016 20th Jubilee IEEE International Conference on Intelligent Engineering Systems Proceedings			1	0	0	0	0
4187	2016	Product Quality Improvement Using FMEA for Electric Parking Brake (EPB)	17578981	Iop Conference Series Materials Science and Engineering	145	4	0	0	0	1	0
4188	2016	Measurements of the charge asymmetry in top-quark pair production in the dilepton final state at $\sqrt{s}=8$ TeV with the ATLAS detector	24700010	Physical Review D	94	3	2	2	2	4	1
4189	2016	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector	24700010	Physical Review D	94	3	10	8	3	0	2
4190	2016	Adhesion aspects in biomaterials and medical devices	1694243	Journal of Adhesion Science and Technology	30	16	4	0	5	2	1
4191	2016	Search for charged Higgs bosons produced in association with a top quark and decaying via $H^{\pm} \rightarrow t' \bar{t}, \bar{t} t'$ using pp collision data recorded at $\sqrt{s}=13$ TeV by the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	759		13	7	3	3	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4192	2016	Search for resonances in the mass distribution of jet pairs with one or two jets identified as b-jets in proton-proton collisions at s=13 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	759		1	0	0	0	0
4193	2016	Search for pair production of gluinos decaying via stop and sbottom in events with b-jets and large missing transverse momentum in pp collisions at s =13 TeV with the ATLAS detector	24700010	Physical Review D	94	3	1	1	2	5	0
4194	2016	Multi-input-multi-output system experimental validation of model-free control and virtual reference feedback tuning techniques	17518644	let Control Theory and Applications	10	12	7	11	10	5	6
4195	2016	Data-driven virtual reference feedback tuning and reinforcement Qlearning for model-free position control of an aerodynamic system		24th Mediterranean Conference on Control and Automation MED 2016			0	0	1	0	0
4196	2016	Night-time dehazing by fusion	15224880	Proceedings International Conference on Image Processing Icip	2016-August		22	17	22	20	11
4197	2016	Laplacian-guided image decolorization	15224880	Proceedings International Conference on Image Processing Icip	2016-August		0	3	1	2	0
4198	2016	D-HAZY: A dataset to evaluate quantitatively dehazing algorithms	15224880	Proceedings International Conference on Image Processing Icip	2016-August		53	49	49	46	40
4199	2016	Configurable FPGA architecture for hardware-software merge sorting		Proceedings of the 23rd International Conference Mixed Design of Integrated Circuits and Systems Mixdes 2016			0	0	0	0	0
4200	2016	A DFT study on 2-(hydroxy-2-benzylidene)-cyclohexanone	353930	Revue Roumaine De Chimie	61	08-Sep	0	1	0	1	0
4201	2016	Custom-made dimensionally stable anodes for diclofenac electrochemical degradation	347752	Revista De Chimie	67	8	0	0	0	1	0
4202	2016	The impact of surface treatment on the implantation results	347752	Revista De Chimie	67	8	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
4203	2016	Entrepreneurial activity and national innovative capacity in selected European countries	14657503	International Journal of Entrepreneurship and Innovation	17	3	1	1	3	1	2
4204	2016	Anizotropic dielectric devised by metamaterials-related technique	15503607	IEEE International Conference on Communications	2016-August		0	0	0	0	0
4205	2016	Performance analysis of SAR image denoising using scaling exponent estimator	15503607	IEEE International Conference on Communications	2016-August		0	2	0	0	0
4206	2016	Intelligent traffic control system using PLC	17578981	Iop Conference Series Materials Science and Engineering	144	1	0	0	2	1	0
4207	2016	Measurement of the CP-violating phase γ and the B_s^0 meson decay width difference with $B_s^0 \rightarrow J/\psi \ell^+ \ell^-$ decays in ATLAS	11266708	Journal of High Energy Physics	2016	8	5	3	1	3	3
4208	2016	Measurements of the Higgs boson production and decay rates and constraints on its couplings from a combined ATLAS and CMS analysis of the LHC pp collision data at $\sqrt{s} = 7$ and 8 TeV	10298479	Journal of High Energy Physics	2016	8	83	58	59	47	36
4209	2016	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ with the ATLAS detector at $\sqrt{s}=8$ TeV	11266708	Journal of High Energy Physics	2016	8	2	5	0	2	0
4210	2016	Intelligent System for Continuous Steel Casting Based on Water Flow Control in the Secondary Cooling Stage	2261236X	Matec Web of Conferences	68		0	0	0	0	0
4211	2016	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2016	8	7	7	1	5	3
4212	2016	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2016	8	3	10	13	7	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4213	2016	Numerical analysis of short link steel eccentrically braced frames under seismic action	17881994	Pollack Periodica	11	2	1	0	0	0	0
4214	2016	Thermal degradation, kinetic analysis, and apoptosis induction in human melanoma for oleanolic and ursolic acids	13886150	Journal of Thermal Analysis and Calorimetry	125	2	2	1	1	3	0
4215	2016	Thallium removal through adsorption onto ionic liquid-impregnated solid support: influence of the impregnation conditions	17351472	International Journal of Environmental Science and Technology	13	8	1	1	3	0	0
4216	2016	Experimental and numerical investigation of the precessing helical vortex in a conical diffuser, with rotor-stator interaction	982202	Journal of Fluids Engineering Transactions of the ASME	138	8	2	4	4	2	2
4217	2016	Modelling the influence of size distribution and effective magnetic anisotropy constants on the magnetic hyperthermia process	15734137	Current Nanoscience	12	4	0	0	0	0	0
4218	2016	Lifetime prediction in medium-cycle fatigue regime of notched specimens	1678442	Theoretical and Applied Fracture Mechanics	84		3	0	3	3	3
4219	2016	Betulonic acid: Study of thermal degradation by kinetic approach	13886150	Journal of Thermal Analysis and Calorimetry	125	2	0	1	0	0	0
4220	2016	Simulation and experimental investigation of active lightweight compliant mechanisms with integrated piezoceramic actuators	9641726	Smart Materials and Structures	25	8	2	1	1	1	1
4221	2016	Experiment-based comparison of nature-inspired algorithms for optimal tuning of PI-fuzzy controlled nonlinear DC servo systems		2016 International Symposium on Power Electronics Electrical Drives Automation and Motion Speedam 2016			0	0	0	0	0
4222	2016	Weighted least squares dynamic synchrophasor estimation in the case of harmonically distorted sine-waves	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference	2016-July		0	0	0	0	0
4223	2016	Adaptive fuzzy PI controller with shifted control singletons	9574174	Expert Systems with Applications	54		4	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4224	2016	Brittle-to-ductile transition in metallic glass nanowires	15306984	Nano Letters	16	7	14	11	14	8	4
4225	2016	Non-surjective finite alphabet iterative decoders		2016 IEEE International Conference on Communications lcc 2016			2	1	0	2	4
4226	2016	Charged-particle distributions in $\sqrt{s}=13$ TeV pp interactions measured with the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	758		9	8	9	12	5
4227	2016	Search for single production of a vector-like quark via a heavy gluon in the 4b final state with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	758		1	1	2	2	1
4228	2016	Real-time interfacing for fault detection and auralization with MED-EL cochlear implant processors		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
4229	2016	Virtual Reference Feedback Tuning for position control of a twin rotor aerodynamic system		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	0	0
4230	2016	On the architecture of a clustering platform for the analysis of big volumes of data		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	1	0	0	0
4231	2016	Delta flashing of an ECU in the automotive industry		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	3	2
4232	2016	Facial expression recognition system based on a face statistical model and Support Vector Machines		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	0	0
4233	2016	Logical inference modeled by Petri nets		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0
4234	2016	Equivalent power for a wind power system		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			5	0	2	0	0
4235	2016	Artificial neural network based monthly load curves forecasting		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4236	2016	Using fuzzy rules for identifying key classes in software systems		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	1	0	2		
4237	2016	Optimizing business processes by learning from monitoring results		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	1	0	0		
4238	2016	Gesture-based interaction in medical interfaces		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4239	2016	The drawbacks of statement code coverage test case prioritization related to domain testing		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0		
4240	2016	Application for UDS automated test generation		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	1		
4241	2016	Development of a special setup for path tracking of RV-2AJ robot		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0		
4242	2016	Comparison of electric current-voltage characteristics and maximal power point values of differently and artificially aged solar panels		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	0	0	4	0		
4243	2016	Similarity of business process models in a modular design		Saci 2016 11th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	1	1		
4244	2016	A greenhouse approach for value cultivation	14783363	Total Quality Management and Business Excellence	27	07-Aug	0	1	0	0	0		
4245	2016	NUMA-BTDM: A thread mapping algorithm for balanced data locality on NUMA Systems		Parallel and Distributed Computing Applications and Technologies PDCAT Proceedings	0		1	2	0	1	0		
4246	2016	Evolving fuzzy models for the position control of twin rotor aerodynamic systems	19354576	IEEE International Conference on Industrial Informatics Indin	0		0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4247	2016	An inequality concerning the growth bound of a discrete evolution family on a complex Banach space	10236198	Journal of Difference Equations and Applications	22	7	1	0	0	0	0
4248	2016	Unsteady pressure field analysis at pump inlet equipped with a symmetrical suction elbow	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	17	3	0	0	1	0	0
4249	2016	Influence of storage conditions upon chemical and thermal properties of sesame food oil	347752	Revista De Chimie	67	7	0	0	0	0	0
4250	2016	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	13672630	New Journal of Physics	18	7	1	0	1	1	0
4251	2016	Studies about the influence of self-organization of colloidal magnetic nanoparticles on the magnetic Néel relaxation time	1061933X	Colloid Journal	78	4	0	0	1	0	0
4252	2016	Gazeau-Klauder coherent states examined from the viewpoint of diagonal ordering operation technique	16741056	Chinese Physics B	25	7	0	1	2	1	0
4253	2016	Cavitation Erosion Mechanisms of Solution Treated X5CrNi18-10 Stainless Steels	7424787	Journal of Tribology	138	3	2	2	1	4	1
4254	2016	Semi-Local Scaling Exponent Estimation with Box-Penalty Constraints and Total-Variation Regularization	10577149	IEEE Transactions on Image Processing	25	7	0	4	1	0	0
4255	2016	Ozonation of anilines: Kinetics, stoichiometry, product identification and elucidation of pathways	431354	Water Research	98		11	10	13	9	12
4256	2016	Ferrofluid-based magnetorheological fluids: tuning the properties by varying the composition at two hierarchical levels	354511	Rheologica Acta	55	7	1	1	2	1	3
4257	2016	Bending-shear interaction in short coupling steel beams with reduced beam section	0143974X	Journal of Constructional Steel Research	122		3	0	1	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4258	2016	Mixed Consolidation Solution for a Reinforced Concrete Structure	17578981	Iop Conference Series Materials Science and Engineering	133	1	0	0	0	0	0
4259	2016	Classic and New Materials Used for Structural Rehabilitation. Case Study	17578981	Iop Conference Series Materials Science and Engineering	133	1	0	0	0	0	0
4260	2016	Chemical elements diffusion in the stainless steel components brazed with Cu-Ag alloy	17578981	Iop Conference Series Materials Science and Engineering	133	1	0	0	2	1	0
4261	2016	Search for metastable heavy charged particles with large ionization energy loss in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS experiment	24700010	Physical Review D	93	11	4	2	6	2	2
4262	2016	System for visibility distance estimation in fog conditions based on light sources and visual acuity		2016 20th IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2016 Proceedings			2	1	2	1	1
4263	2016	TiO ₂ -nanostructured carbon composite sorbent/photocatalyst for humic acid removal from water	19443994	Desalination and Water Treatment	57	30	1	2	1	2	0
4264	2016	The influence of thermal field in the electric arc welding of X60 carbon steel components in the CO ₂ environment	13594311	Applied Thermal Engineering	103		0	0	4	0	1
4265	2016	Introduction		Language in the Digital Era Challenges and Perspectives			2	0	0	0	0
4266	2016	Language in the digital Era: challenges and perspectives		Language in the Digital Era Challenges and Perspectives			0	0	0	0	0
4267	2016	Theme-Rheme analysis of English and Romanian tourism websites		Language in the Digital Era Challenges and Perspectives			1	0	0	0	0
4268	2016	Necessary and luxury english loanwords in some romanian online newspapers and magazines		Language in the Digital Era Challenges and Perspectives			0	1	0	1	1
4269	2016	Particle Swarm Optimization of fuzzy models for electromagnetic actuated clutch systems		Proceedings of the 18th Mediterranean Electrotechnical Conference Intelligent and Efficient Technologies and Services for the Citizen MELECON 2016			0	0	0	0	0
4270	2016	The ATLAS Data acquisition and high level trigger system	17480221	Journal of Instrumentation	11	6	6	2	3	2	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4271	2016	Recurrent dynamic neural network model for myoelectric-based control of a prosthetic hand		10th Annual International Systems Conference Syscon 2016 Proceedings			4	0	0	1	0		
4272	2016	Experimental and numerical investigation of a draft tube cone at lower runner speeds	0094243X	Aip Conference Proceedings	1738		0	0	0	0	0		
4273	2016	3D model tools for architecture and archaeology reconstruction	0094243X	Aip Conference Proceedings	1738		0	0	0	0	1		
4274	2016	Real time wind farm emulation using SimWindFarm toolbox	0094243X	Aip Conference Proceedings	1738		1	0	0	1	2		
4275	2016	Development of urban green space monitoring technique with remote sensing and its application	0094243X	Aip Conference Proceedings	1738		4	0	0	1	0		
4276	2016	Optimisation of the steel plant dust recycling process	0094243X	Aip Conference Proceedings	1738		0	0	0	0	1		
4277	2016	Towards the Better: Intrinsic Property Amelioration in Bulk Metallic Glasses	20452322	Scientific Reports	6		5	4	1	2	1		
4278	2016	Thermal stability of synthetic thyroid hormone l-thyroxine and l-thyroxine sodium salt hydrate both pure and in pharmaceutical formulations	7317085	Journal of Pharmaceutical and Biomedical Analysis	125		5	4	1	1	0		
4279	2016	Removal of Cr(VI) from aqueous solutions by adsorption on MnO2	3043894	Journal of Hazardous Materials	310		29	26	25	20	16		
4280	2016	Measurements of Zl3 and Zl3l3 production in pp collisions at s =8 TeV with the ATLAS detector	24700010	Physical Review D	93	11	5	7	5	7	6		
4281	2016	Identification of high transverse momentum top quarks in pp collisions at s= 8 TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2016	6	3	1	0	2	2		
4282	2016	Measurement of the relative width difference of the B0-B0 system with the ATLAS detector	11266708	Journal of High Energy Physics	2016	6	0	1	1	1	2		
4283	2016	Crack length influence on stress intensity factors for the asymmetric four-point bending testing of a polyurethane foam	255289	Materiale Plastice	53	2	4	0	3	1	2		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4284	2016	Applicability of a coastal morphodynamic model for fluvial environments	13648152	Environmental Modelling and Software	80		0	1	1	0	1
4285	2016	Passive house design-An efficient solution for residential buildings in Romania	9730826	Energy for Sustainable Development	32		8	10	5	6	5
4286	2016	Mapping of residual strains around a shear band in bulk metallic glass by nanobeam X-ray diffraction	13596454	Acta Materialia	111		5	7	6	7	4
4287	2016	Metal distribution in the process of lignocellulosic ethanol production from heavy metal contaminated sorghum biomass	2682575	Journal of Chemical Technology and Biotechnology	91	6	2	2	4	1	5
4288	2016	Experimental validation of micromechanical models for brittle aluminium alloy foam	1678442	Theoretical and Applied Fracture Mechanics	83		5	4	3	4	3
4289	2016	FPGA architecture of multi-codeword LDPC decoder with efficient BRAM utilization		Formal Proceedings of the 2016 IEEE 19th International Symposium on Design and Diagnostics of Electronic Circuits and Systems Ddeds 2016			0	1	1	0	1
4290	2016	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period	17480221	Journal of Instrumentation	11	5	0	3	1	0	3
4291	2016	Model-free constrained data-driven iterative reference input tuning algorithm with experimental validation	3081079	International Journal of General Systems	45	4	1	3	0	2	1
4292	2016	Search for the standard model Higgs boson produced in association with a vector boson and decaying into a tau pair in pp collisions at s =8 TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	93	9	0	0	1	1	1
4293	2016	Nano-micro composite magnetic fluids: Magnetic and magnetorheological evaluation for rotating seal and vibration damper applications	3048853	Journal of Magnetism and Magnetic Materials	406		3	3	3	0	7

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4294	2016	Removal of hexavalent chromium from aqueous solutions by use of chemically modified sour cherry stones	19443994	Desalination and Water Treatment	57	23	0	2	0	0	0
4295	2016	Measurements of $W\pm Z$ production cross sections in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector and limits on anomalous gauge boson self-couplings	15507998	Physical Review D Particles Fields Gravitation and Cosmology	93	9	7	4	4	7	2
4296	2016	Evidence for single top-quark production in the s-channel in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector using the Matrix Element Method	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	756		3	5	2	10	2
4297	2016	Ni-Ti Rotary instrument fracture analysis after clinical use. Structure changes in used instruments	15829596	Environmental Engineering and Management Journal	15	5	2	3	2	0	0
4298	2016	Testing the stationarity of CO2 emissions series in Sub-Saharan African countries by incorporating nonlinearity and smooth breaks	2755319	Research in International Business and Finance	37		11	6	8	7	5
4299	2016	An improved structure of an adaptive excitation control system operating under short-circuit	15827445	Advances in Electrical and Computer Engineering	16	2	1	2	0	1	0
4300	2016	Ni-Ti Codoped Hiconite Ceramic Pigments by Combustion Synthesis: Crystal Structure and Optical Properties	27820	Journal of the American Ceramic Society	99	5	3	3	5	2	3
4301	2016	Cavitation Erosion of Sensitized UNS S31803 Duplex Stainless Steels	10599495	Journal of Materials Engineering and Performance	25	5	3	3	4	0	3
4302	2016	Low Young's modulus Ti-based porous bulk glassy alloy without cytotoxic elements	17427061	Acta Biomaterialia	36		3	4	2	1	4
4303	2016	Renewable-to-total electricity consumption ratio: Estimating the permanent or transitory fluctuations based on flexible Fourier stationarity and unit root tests	13640321	Renewable and Sustainable Energy Reviews	57		3	1	2	2	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
4304	2016	Memory trade-offs in layered self-corrected min-sum LDPC decoders	9251030	Analog Integrated Circuits and Signal Processing	87	2	4	1	0	0	0
4305	2016	Evaluation of patients diagnosed with essential arterial hypertension through network analysis	211265	Irish Journal of Medical Science	185	2	0	0	0	0	0
4306	2016	Observation of Long-Range Elliptic Azimuthal Anisotropies in $\sqrt{s}=13$ and 2.76 TeV pp Collisions with the ATLAS Detector	319007	Physical Review Letters	116	17	29	31	20	31	39
4307	2016	Template-based QC-LDPC decoder architecture generation		2015 10th International Conference on Information Communications and Signal Processing Icics 2015			1	0	0	0	0
4308	2016	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	24700010	Physical Review D	93	7	1	1	2	0	0
4309	2016	Experimental investigations and numerical simulations of notch effect in cellular plastic materials	17578981	Iop Conference Series Materials Science and Engineering	123	1	1	0	0	0	0
4310	2016	Experimental and numerical investigations on adhesively bonded joints	17578981	Iop Conference Series Materials Science and Engineering	123	1	1	1	1	3	0
4311	2016	Shape memory microactuation design by substrate's reinforcement layers	2641275	Materials and Design	96		3	1	1	4	1
4312	2016	Experimental validation of re-centring capability of eccentrically braced frames with removable links	1410296	Engineering Structures	113		11	8	7	11	18
4313	2016	Experimental testing and numerical analysis of 3D steel frame system under column loss	1410296	Engineering Structures	113		20	13	13	18	17
4314	2016	Combination of searches for WW, WZ, and ZZ resonances in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	755		1	0	0	1	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4315	2016	Wireless sensor network security enhancement using directional antennas: State of the art and research challenges	14248220	Sensors Switzerland	16	4	8	3	12	2	1
4316	2016	Conformational analysis and formation enthalpy of (3R,5S,6R)-6-acetylamidopenicillanic acid calculated by the PM3, PM6 and PM7 semiempirical MO methods	353930	Revue Roumaine De Chimie	61	04-May	0	0	0	0	0
4317	2016	Re-centring dual eccentrically braced frames with removable links	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	17	2	1	0	0	0	1
4318	2016	Heteroclinic, homoclinic and closed orbits in the chen system	2181274	International Journal of Bifurcation and Chaos	26	4	2	3	3	5	3
4319	2016	Hybrid material based on 5-(4-pyridyl)-10,15,20-tris(4- phenoxyphenyl)-porphyrin and gold colloid for CO2 detection	18423582	Digest Journal of Nanomaterials and Biostructures	11	2	2	0	2	1	0
4320	2016	Scaling of compression strength in disordered solids: Metallic foams	19718993	Frattura Ed Integrita Strutturale	10	36	4	9	0	1	2
4321	2016	The effect of lavandula essential oils on release of niflumic acid from collagen hydrolysates	2561115	Korean Journal of Chemical Engineering	33	4	2	1	0	1	1
4322	2016	An investigation of Cr(VI) removal with metallic iron in the co-presence of sand and/or MnO2	3014797	Journal of Environmental Management	170		4	4	1	2	1
4323	2016	A RE-EXAMINATION OF REAL INTEREST PARITY IN CEECs USING 'OLD' AND 'NEW' SECOND-GENERATION PANEL UNIT ROOT TESTS	3073378	Bulletin of Economic Research	68	2	1	0	1	3	2
4324	2016	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at sNN =2.76 TeV measured with the ATLAS detector	24699985	Physical Review C	93	3	7	4	4	3	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4325	2016	Search for magnetic monopoles and stable particles with high electric charges in 8 TeV pp collisions with the ATLAS detector	24700010	Physical Review D	93	5	10	4	8	2	4
4326	2016	Cavitation erosion of cermet-coated aluminium bronzes	19961944	Materials	9	3	2	0	2	0	0
4327	2016	A theoretical framework for Å...ngstrÅm equation. Its virtues and liabilities in solar energy estimation	1968904	Energy Conversion and Management	112		1	2	3	4	2
4328	2016	Dijet production in âs=7 TeV pp collisions with large rapidity gaps at the ATLAS experiment	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	754		6	2	1	1	0
4329	2016	Measurement of the ZZ production cross section in pp collisions at âs = 13 TeV with the ATLAS detector	319007	Physical Review Letters	116	10	3	5	1	0	1
4330	2016	Valley current mode control of a bi-directional hybrid DC-DC converter		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			0	0	0	1	0
4331	2016	Performances of the eight-switch versus interleaved eight-switch three-phase buck-type PFC rectifiers		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			0	1	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4332	2016	Scalar V/f and I-f control of AC motor drives: An overview		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			3	6	3	2	3		
4333	2016	High efficiency single-stage and two-stage six-switch three-phase PFC buck-type rectifiers		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			0	0	0	1	0		
4334	2016	THD improvement of a bidirectional flyback inverter by using sliding-mode control		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			0	0	0	0	0		
4335	2016	Controlled capacitor 1-phase a.c. PM generator FEM characterization and circuit model based performance		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			0	0	0	0	0		
4336	2016	Self-commissioning of electrical parameters for PMSM in sensorless drives		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			1	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4337	2016	Single-phase stator-ferri-te PM double saliency motor performance and optimization		Joint International Conference Acemp 2015 Aegean Conference on Electrical Machines and Power Electronics Optim 2015 Optimization of Electrical and Electronic Equipment and Electromotion 2015 International Symposium on Advanced Electromechanical Motion Systems			0	0	1	0	0		
4338	2016	Stability for a family of equations generalizing the equation of p-Wright affine functions	963003	Applied Mathematics and Computation	276		0	0	1	0	0		
4339	2016	Electrical properties optimization of silver nanowires supported on polyethylene terephthalate	2726351	Particulate Science and Technology	34	2	0	0	2	1	0		
4340	2016	Measurement of jet charge in dijet events from s =8 TeV pp collisions with the ATLAS detector	24700010	Physical Review D	93	5	8	4	7	8	10		
4341	2016	Analytic approximate solutions to the boundary layer flow equation over a stretching wall with partial slip at the boundary	19326203	Plos One	11	3	0	1	0	0	0		
4342	2016	Approach for analyse stability of lutein from tropaeolum majus	347752	Revista De Chimie	67	3	4	4	4	1	2		
4343	2016	Equilibrium studies for crown ether impregnated solid support used in the removal process of Nd(III), La(III), Sr(II), Tl(I), Eu(III)	347752	Revista De Chimie	67	3	1	1	0	0	1		
4344	2016	The nÅ©el magnetic relaxation dynamics in nanoparticle systems-phenomenological approach versus stochastic approach	5874246	Acta Physica Polonica A	129	3	0	0	1	0	0		
4345	2016	Improvement of the cavitation erosion resistance of titanium alloys deposited by plasma spraying and remelted by laser	255289	Materiale Plastice	53	1	0	0	2	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4346	2016	Experimental compression and traction tests on heat - Cured PMMA used in maxillary obturator prostheses	255289	Materiale Plastice	53	1	1	1	0	0	0
4347	2016	Improving weak soils bearing capacity by using gravel cushion reinforced with geosynthetic materials	255289	Materiale Plastice	53	1	0	0	0	0	0
4348	2016	Aspects concerning the use of plastics in developing test stands for experimental models of hydraulic turbine blades and rotors	255289	Materiale Plastice	53	1	0	0	0	0	0
4349	2016	Accuracy analysis of the sine-wave parameters estimation by means of the windowed three-parameter sine-fit algorithm	10512004	Digital Signal Processing A Review Journal	50		1	5	1	3	4
4350	2016	Effective removal of methylene blue from aqueous solution using a new magnetic iron oxide nanosorbent prepared by combustion synthesis	1618954X	Clean Technologies and Environmental Policy	18	3	8	9	5	3	10
4351	2016	Continuous wavelet transform and rolling correlation of European stock markets	10590560	International Review of Economics and Finance	42		6	13	6	7	10
4352	2016	Weighted proper orthogonal decomposition of the swirling flow exiting the hydraulic turbine runner	0307904X	Applied Mathematical Modelling	40	05-Jun	1	4	0	2	2
4353	2016	A simple and rapid method for calixarene-based selective extraction of bioactive molecules from natural products	9394451	Amino Acids	48	3	0	0	0	2	2
4354	2016	Some properties of operator-valued frames	2529602	Acta Mathematica Scientia	36	2	0	0	1	1	4
4355	2016	Towards wireless sensor, actuator and robot networks: Conceptual framework, challenges and perspectives	10848045	Journal of Network and Computer Applications	63		6	6	3	2	3
4356	2016	Structure-property relationships in nanoporous metallic glasses	13596454	Acta Materialia	106		10	13	17	12	9
4357	2016	Frames and operators in hilbert C* - Modules	18463886	Operators and Matrices	10	1	4	3	3	4	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4358	2016	Particles deposition induced by the magnetic field in the coronary bypass graft model	3048853	Journal of Magnetism and Magnetic Materials	401		0	2	0	0	1		
4359	2016	Optimization of the laser remelting process for HVOF-sprayed Stellite 6 wear resistant coatings	303992	Optics and Laser Technology	77		8	7	4	4	6		
4360	2016	Theoretical Studies Regarding the Aromaticity of Some Non-Planar Circulenes	9429352	Zeitschrift Fur Physikalische Chemie	230	2	0	0	1	0	0		
4361	2016	Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in s =8 TeV proton-proton collisions using the ATLAS detector	24700010	Physical Review D	93	3	5	5	3	2	2		
4362	2016	Generalised M-Lasso for robust, spatially regularised hurst estimation		2015 IEEE Global Conference on Signal and Information Processing Globalsip 2015			0	2	1	0	0		
4363	2016	Kinetic analysis of the non-isothermal crystallization process, magnetic and mechanical properties of FeCoBSiNb and FeCoBSiNbCu bulk metallic glasses	218979	Journal of Applied Physics	119	7	6	4	6	6	7		
4364	2016	Finite element analysis of the transfer of sound in the myringosclerotic ear	10255842	Computer Methods in Biomechanics and Biomedical Engineering	19	3	3	0	1	1	0		
4365	2016	Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian using differential cross sections measured in the H → τ ⁺ τ ⁻ decay channel at √s=8 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	753		1	2	2	0	0		
4366	2016	Experimental and numerical determination of the chloride penetration in cracked mortar specimens	19648189	European Journal of Environmental and Civil Engineering	20	2	2	1	1	3	2		
4367	2016	A generic method to construct new customized-shaped chaotic systems using the relative motion concept	13925113	Nonlinear Analysis Modelling and Control	21	3	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4368	2016	Research on increasing the reaction surface of self-reducing briquettes	15829596	Environmental Engineering and Management Journal	15	2	0	1	0	0	0
4369	2016	Rheological behaviour of fracturing fluids containing surfactants	347752	Revista De Chimie	67	2	0	0	0	0	1
4370	2016	Risk analysis for renewable energy projects due to constraints arising	17578981	Iop Conference Series Materials Science and Engineering	106	1	2	0	0	1	0
4371	2016	Study on road sign recognition in LabVIEW	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	0	0
4372	2016	Characterisation of the TiO2 coatings deposited by plasma spraying	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	1	2	0
4373	2016	Issues regarding the modelling and simulation of hybrid micro grid systems	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	1	0	0	0
4374	2016	Study of the load variation for an electrical consumer	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	0	0
4375	2016	Metal rolling - Asymmetrical rolling process	17578981	Iop Conference Series Materials Science and Engineering	106	1	6	5	6	5	6
4376	2016	Methods for recovering precious metals from industrial waste	17578981	Iop Conference Series Materials Science and Engineering	106	1	3	9	11	4	8
4377	2016	Researches on obtaining composite materials to be used in manufacturing brake pads	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	0	0
4378	2016	Mathematical modelling in Matlab of the experimental results shows the electrochemical potential difference - Temperature of the WC coatings immersed in a NaCl solution	17578981	Iop Conference Series Materials Science and Engineering	106	1	1	0	0	0	0
4379	2016	Researches upon cavitation erosion behavior of some duplex steels	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	2	0
4380	2016	Modelling of some parameters from thermoelectric power plants	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	0	0
4381	2016	Research on temperature control with numerical regulators in electric resistance furnaces with indirect heating	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	1	1	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4382	2016	Theoretical studies to elucidate the influence of magnetic dipolar interactions occurring in the magnetic nanoparticle systems, for biomedical applications	17578981	Iop Conference Series Materials Science and Engineering	106	1	1	0	0	0	0
4383	2016	Astable multivibrator circuits made with low capacity PLC	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	0	0
4384	2016	Researches concerning influence of magnesium, aluminum and titanium lime on steel desulfurization	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	1	0	0	0
4385	2016	Study regarding the non-sinusoidal regime imposed by nonlinear loads	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	0	0
4386	2016	Particular bi-fuel application of spark ignition engines	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	1	0	0	0
4387	2016	Methods for cost estimation in software project management	17578981	Iop Conference Series Materials Science and Engineering	106	1	2	0	0	1	0
4388	2016	Research regarding to behavior on advanced plastic from rolling mills equipment	17578981	Iop Conference Series Materials Science and Engineering	106	1	3	0	0	0	0
4389	2016	The critical analysis of austenitic manganese steel T130Mn135 used for castings in the mining industry	17578981	Iop Conference Series Materials Science and Engineering	106	1	1	0	0	0	0
4390	2016	Simulation of solidification process for billet with 1350mm section, continuous casted	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	1	1	0	0
4391	2016	Researches upon the cavitation erosion behaviour of austenite steels	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	0	3	0
4392	2016	Vector control structure of an asynchronous motor at maximum torque	17578981	Iop Conference Series Materials Science and Engineering	106	1	1	0	0	1	0
4393	2016	Dual stator winding variable speed asynchronous generator: Magnetic equivalent circuit with saturation, FEM analysis and experiments	17578981	Iop Conference Series Materials Science and Engineering	106	1	0	0	1	0	0
4394	2016	Evaluating solar radiation on a tilted surfaces - A study case in Timis (Romania)	17578981	Iop Conference Series Materials Science and Engineering	106	1	1	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4395	2016	PLCs used in smart home control	17578981	Iop Conference Series Materials Science and Engineering	106	1	3	0	3	4	0
4396	2016	Thin film flow of an Oldroyd 6-constant fluid over a moving belt: An analytic approximate solution	23915471	Open Physics	14	1	0	2	1	0	1
4397	2016	Time-frequency localization as mother wavelet selecting criterion for wavelet modulation	34347	Annales Des Telecommunications Annals of Telecommunications	71	01-Feb	0	1	0	0	1
4398	2016	Mathematical modeling of three equal collinear cracks in an orthotropic solid	256455	Meccanica	51	2	4	2	1	0	2
4399	2016	Hybrids formed between polyvinylpyrrolidone and an A3B porphyrin dye: Behaviour in aqueous solutions and chemical response to CO2 presence	9598103	Polymer International	65	2	4	0	2	2	0
4400	2016	Mesoporous manganese-porphyrin-silica hybrid nanomaterial sensitive to H2O2 fluorescent detection	255408	Materials Research Bulletin	74		5	0	0	0	2
4401	2016	Preparation of cast-iron-based nanocrystalline alloy with Cu and Nb addition	9669795	Intermetallics	69		0	2	3	1	1
4402	2016	Ti-based bulk glassy composites obtained by replacement of Ni with Ga	9669795	Intermetallics	69		1	1	0	0	0
4403	2016	Multifunctional portable equipment for medical and biometric applications		2015 E Health and Bioengineering Conference Ehb 2015			0	0	0	0	0
4404	2016	Benefits of using artificial intelligence in medical predictions		2015 E Health and Bioengineering Conference Ehb 2015			3	2	5	2	0
4405	2016	A study on Ant Miner parameters		Iisa 2015 6th International Conference on Information Intelligence Systems and Applications			3	1	0	0	0
4406	2016	Lanthanum Separation fROU Aqueous Solutions Using Magnesium Silicate Functionalized with Tetrabutylammonium Dihydrogen Phosphate	219568	Journal of Chemical and Engineering Data	61	1	1	6	2	6	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4407	2016	Measurement of the correlation between the polar angles of leptons from top quark decays in the helicity basis at $s = 7 \text{ TeV}$ using the ATLAS detector	24700010	Physical Review D	93	1	1	2	2	1	0
4408	2016	Thermal behavior studies of the homopolynuclear coordination compound iron(III) polyoxalate	406031	Thermochimica Acta	623		0	0	0	0	1
4409	2016	Memory efficient FPGA implementation for flooded LDPC decoder		2015 23rd Telecommunications Forum Telfor 2015			2	2	2	0	0
4410	2016	Modelling and optimization of the velocity profiles at the draft tube inlet of a Francis turbine within an operating range	221686	Journal of Hydraulic Research	54	1	5	2	1	2	1
4411	2016	Poly(alkylene-H-phosphonate)s obtained by direct esterification and oxidation of hypophosphorous acid with ethylene glycol	10601325	Journal of Macromolecular Science Part A Pure and Applied Chemistry	53	1	0	0	0	1	0
4412	2016	Removal of dyes and heavy metals from wastewater using electrocoagulation process	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	3	BOOK 6	0	1	0	0	0
4413	2016	Romanian projects and integral bridge solutions based on composite dowels	18670520	Steel Construction	9	3	4	1	1	0	3
4414	2016	Research on sustainable use of powdery waste	15829596	Environmental Engineering and Management Journal	15	1	0	3	1	0	0
4415	2016	Systematic approach on materials selection in the automotive industry for making vehicles lighter, safer and more fuel-efficient	24664677	Applied Engineering Letters	1	4	5	7	14	9	6
4416	2016	Investigations on the phosphorous cast iron destined for brake shoes manufacturing	24664677	Applied Engineering Letters	1	3	0	0	0	1	2
4417	2016	Experimental research on recycled concrete fines	347752	Revista De Chimie	67	9	0	0	0	0	0
4418	2016	Separation of La(III) using functionalized material on fixed bed column	347752	Revista De Chimie	67	11	1	1	0	0	0

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							2020	2021	2022	2023	2024
4419	2016	Studies regarding the use of ash from pyrolysis rubber as an amendment to soils used to cover waste dumps, with Phalaris Arundinacea	347752	Revista De Chimie	67	11	0	0	1	0	0
4420	2016	Fracture parameters determination of polyurethane materials for application of SED criteria to notched components	24523216	Procedia Structural Integrity	2		0	0	0	0	1
4421	2016	Application of fly ash as amendment in agricultural field of Avena sativa	15829596	Environmental Engineering and Management Journal	15	12	1	0	0	1	1
4422	2016	Tolerance-based interaction: A new model targeting opinion formation and diffusion in social networks	23765992	Peerj Computer Science	2016	1	3	3	3	0	1
4423	2016	MOOCs in higher education"flipped classroom or a new smart learning model?	21964963	Lecture Notes in Educational Technology		9.8E+12	1	1	1	0	0
4424	2016	The chemical and ecological state evaluation of a storage lake	347752	Revista De Chimie	67	9	2	0	0	0	0
4425	2016	Biogas recovery from a pig farm. Smithfield bacova unit case study	22825819	European Biomass Conference and Exhibition Proceedings	2016	24thEUB	0	1	0	0	0
4426	2016	Coherent states for continuous spectrum as limiting case of hypergeometric coherent states	12211451	Romanian Reports in Physics	68	4	0	2	0	1	0
4427	2016	Simulation and experimental analysis of non-linear loads from residential and educational buildings		Pcim Europe 2016 International Exhibition and Conference for Power Electronics Intelligent Motion Renewable Energy and Energy Management			0	0	0	0	0
4428	2016	Multi-scale underwater descattering	10514651	Proceedings International Conference on Pattern Recognition	0		7	11	7	5	5
4429	2016	For a sustainable development: Phytoremediation of oil-polluted soils by using birdsfoot trefoil crops	12245984	Romanian Biotechnological Letters	22	6	1	0	1	0	0
4430	2016	Characteristics of high temperature vacuum brazed WC-Co-NiCrBSi functional composite coatings		Nanocon 2016 Conference Proceedings 8th International Conference on Nanomaterials Research and Application			0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4431	2016	Aspects concerning the wear and corrosion behavior of WC-CoCr coatings and respectively DLC/WC-CoCr systems		Nanocon 2016 Conference Proceedings 8th International Conference on Nanomaterials Research and Application			0	0	0	0	0		
4432	2016	Behaviour of masonry infills subjected to out of plane seismic actions. Part 1: Theoretical analysis		Brick and Block Masonry Trends Innovations and Challenges Proceedings of the 16th International Brick and Block Masonry Conference Ibmac 2016			0	0	1	0	0		
4433	2016	Behaviour of masonry infills subjected to out of plane seismic actions. Part 2: Experimental testing		Brick and Block Masonry Trends Innovations and Challenges Proceedings of the 16th International Brick and Block Masonry Conference Ibmac 2016			1	1	0	0	1		
4434	2016	Reliability analysis of memory centric LDPC decoders under probabilistic storage failures		2016 IEEE International Conference on Electronics Circuits and Systems Icecs 2016			0	0	0	0	0		
4435	2016	Probabilistic modeling of tolerance-based social network interaction		Proceedings 2016 3rd European Network Intelligence Conference Enic 2016			0	0	1	0	0		
4436	2016	UPT.Social: The growth of a new online social network		Proceedings 2016 3rd European Network Intelligence Conference Enic 2016			0	0	0	0	0		
4437	2016	Invasive Polygonum cuspidatum: Physico-chemical analysis of a plant extract with pharmaceutical potential	15842363	Studia Universitatis Vasile Goldis Arad Seria Stiintele Vietii	26	4	0	3	2	2	0		
4438	2016	Steel column-base solutions for over-roofing of existing buildings: A numerical study		Recent Progress in Steel and Composite Structures Proceedings of the 13th International Conference on Metal Structures Icms 2016			0	0	0	0	0		
4439	2016	Viscous flow and heat transfer over an unsteady stretching surface	23915471	Open Physics	14	1	0	0	1	0	0		
4440	2016	State feedback control solutions for a mechatronics system with variable moment of inertia		Icinco 2016 Proceedings of the 13th International Conference on Informatics in Control Automation and Robotics	2		0	0	1	1	0		
4441	2016	Guidelines for developing educational environments in the automotive industry	18269745	Interaction Design and Architecture S	31	1	1	0	1	0	0		
4442	2016	Data profiling in a mobile touristic augmented reality application for smart environments based on linked open data	18269745	Interaction Design and Architecture S	31	1	1	0	1	0	0		

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							2020	2021	2022	2023	2024
4443	2016	On the robustness of networked control systems with quality of service adaptation co-design	14548658	Control Engineering and Applied Informatics	18	4	0	0	0	0	1
4444	2016	The effect of the softening annealing and of normlizing on the cavitation erosion resistance of nodular cast iron FGN 400-15		Metal 2016 25th Anniversary International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0
4445	2016	Transformation and precipitation reactions by metal active gas pulsed welded joints from X2CrNiMoN22-5-3 duplex stainless steels	19961944	Materials	9	7	0	1	1	1	2
4446	2016	T-Stub response to extreme loading		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	1	0	0	0
4447	2016	Buckling analysis of steel rack-section members by the gbt-based ecbl approach		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	0	0	0	0
4448	2016	Behaviour of over-roofing structures with semi-rigid column-base connections		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	0	0	0	0
4449	2016	Experimental evaluation of progressive collapse resistance of steel moment frame connections		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	0	0	0	0
4450	2016	Bolted beam to column joints with haunches: Experimental and numerical investigations		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	0	1	0	0
4451	2016	Experimental testing of 3D steel frame with composite beams under column loss		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	0	0	0	0
4452	2016	Numerical modeling of dynamic response of steel moment frames following sudden column loss		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	0	0	0	0
4453	2016	Experimental investigations of cold-formed steel trapezoidal beams of screwed corrugated webs		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			1	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4454	2016	Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\Upsilon(2S)$ in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector	14346044	European Physical Journal C	76	5	4	8	7	9	6
4455	2016	Effects of close range blasts on steel frames. Experimental testing and numerical validation		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2016			0	0	0	0	1
4456	2016	Approximation of functions by additive and by quadratic mappings	19316828	Springer Optimization and Its Applications	111		1	0	0	0	0
4457	2016	Corporate Development with Agile Business Process Modeling as a Key Success Factor	18770509	Procedia Computer Science	100		4	4	0	0	1
4458	2016	Fingertip-based real time tracking and gesture recognition for natural user interfaces	17858860	Acta Polytechnica Hungarica	13	5	1	1	1	2	0
4459	2016	Evaluating SRAM as source for fingerprints and randomness on automotive grade controllers		IceTE 2016 Proceedings of the 13th International Joint Conference on E Business and Telecommunications	4		0	0	0	0	0
4460	2016	Seismic vulnerability maps of Timisoara historical center based on fragility curves		Structural Analysis of Historical Constructions Anamnesis Diagnosis Therapy Controls Proceedings of the 10th International Conference on Structural Analysis of Historical Constructions Sahc 2016			2	1	0	0	0
4461	2016	Sediment Transport Modelling with Advanced Hydroinformatic Tool Case study - Modelling on Bega Channel Sector	18777058	Procedia Engineering	161		1	1	1	2	0
4462	2016	Monitoring the Best Available Techniques Implementation at the Ash and Slug Landfill Utvin, Timis County, Romania	18777058	Procedia Engineering	161		0	0	0	0	0
4463	2016	Ways of Successfully Integrating Traditional Concepts into the Present	18777058	Procedia Engineering	161		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4464	2016	Approach Channel Modelling with Advanced Hydroinformatic Tool, Case Study: Small Hydro Power Plant Huta Certeze, Romania	18777058	Procedia Engineering	161		1	0	1	1	0
4465	2016	Numerical Experiment to Analyse the Reliability of Coarse Grid Based Numerical Methods for Modelling Groundwater Flow by Drainage Objects Like Wells in Confined Aquifer	18777058	Procedia Engineering	161		0	0	0	0	0
4466	2016	Old and New - The Complex Problem of Integrating New Functions into Old Building	18777058	Procedia Engineering	161		2	1	1	0	1
4467	2016	Accuracy Assessment of Very High-Resolution Multispectral Images Derived Data for River Flow Modelling	18777058	Procedia Engineering	161		0	0	0	0	0
4468	2016	Architecture for the New Man in the 1950's in Romania. First Glimpse of Communism Build Environment	18777058	Procedia Engineering	161		0	1	0	0	0
4469	2016	Applied Hydrotechnics Multidisciplinary Research and Future Challenges	18777058	Procedia Engineering	161		0	0	0	0	0
4470	2016	Steel Structure Apartment Extensions for Existing Large Prefabricated Panel Collective Dwellings	18777058	Procedia Engineering	161		0	1	1	1	2
4471	2016	Behavior of Historic Buildings in Zones with Moderate Seismic Activity. Case Study: Banat Region, Romania	18777058	Procedia Engineering	161		0	1	0	1	1
4472	2016	Head Loss Modelling with Advanced Hydroinformatic Tool in Sprinkler Irrigation Facilities, Study Case: Sprinkler Irrigation Facilities on 400 ha in Iohanesfeld, Romania	18777058	Procedia Engineering	161		0	1	0	0	0
4473	2016	The Flood Impact Assessment from Ilisua Catchment Area on the Environment	18777058	Procedia Engineering	161		0	1	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4474	2016	Current Management Issues in Exploitation and Maintenance of Irrigation Systems in Western Part of Romania. Case Study of Uniform Application of Irrigation	18777058	Procedia Engineering	161		0	0	0	0	0
4475	2016	Complex Assessment of Roof Structures	18777058	Procedia Engineering	161		0	1	1	0	5
4476	2016	WebGIS Solution for Urban Planning Strategies	18777058	Procedia Engineering	161		3	2	2	3	0
4477	2016	Industry and Community in Anina	18777058	Procedia Engineering	161		0	0	0	1	0
4478	2016	Accurate sine-wave frequency estimation by means of an interpolated DTFT algorithm		21st Imeko TC 4 International Symposium on Understanding the World Through Electrical and Electronic Measurement and 19th International Workshop on ADC Modelling and Testing			0	0	0	0	0
4479	2016	Effect of process parameters for oxygen plasma activation of carbon nanofibers on the characteristics of deposited platinum nanoparticles as electrocatalyst in proton exchange membrane fuel cells	14523981	International Journal of Electrochemical Science	11	11	2	2	1	0	2
4480	2016	Probing lepton flavour violation via neutrinoless $\bar{\nu}_\mu \rightarrow \bar{\nu}_\tau$ decays with the ATLAS detector	14346044	European Physical Journal C	76	5	5	2	3	3	7
4481	2016	Brittle or quasi-brittle fracture of engineering materials 2016	16878434	Advances in Materials Science and Engineering	2016		0	0	0	1	0
4482	2016	Creating micro-videos to demonstrate technology learning and digital literacy	17415659	Interactive Technology and Smart Education	13	4	1	4	1	1	6
4483	2016	Mathematical modeling of eutrophication processes in Gozna and Secu reservoirs	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	1	1
4484	2016	On fuzzy normed algebras	20081898	Journal of Nonlinear Science and Applications	9	9	8	2	4	2	3
4485	2016	The stability verification of the retaining structure of an unstable slope	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4486	2016	Buckling Behavior of Stiffened Plate under Biaxial Compression and Shear	18777058	Procedia Engineering	156		2	1	0	0	0	
4487	2016	Bridge Solutions Based on Composite Dowels Executed in Romania	18777058	Procedia Engineering	156		0	0	0	0	1	
4488	2016	What Means External Prestressing for an Old Gerber Structure	18777058	Procedia Engineering	156		0	0	0	0	0	
4489	2016	Deconstruction of Bridges an Environmental Sustainable Concept	18777058	Procedia Engineering	156		0	1	0	0	0	
4490	2016	Four Historical Steel Bridges over the Mureș River	18777058	Procedia Engineering	156		0	0	0	0	0	
4491	2016	Influence of the air admission on the unsteady pressure field in a decelerated swirling flow	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	78	3	1	3	4	2	0	
4492	2016	Grey Wolf Optimizer-Based Approach to the Tuning of Pi-Fuzzy Controllers with a Reduced Process Parametric Sensitivity	24058963	IFAC Papersonline	49	5	22	39	15	4	2	
4493	2016	Comparative study on the evolution of the food labeling quality in some countries from the Black Sea Region	18578489	Journal of Hygienic Engineering and Design	14		1	0	0	0	2	
4494	2016	The oscillator with linear and cubic elastic restoring force and quadratic damping	21941009	Springer Proceedings in Mathematics and Statistics	182		0	2	0	0	0	
4495	2016	Approximate analytical solutions to jerk equations	21941009	Springer Proceedings in Mathematics and Statistics	182		0	2	2	0	5	
4496	2016	New glass-ceramic matrix for the chromium wastes immobilization	15833186	Revista Romana De Materiale Romanian Journal of Materials	46	3	0	1	0	1	1	
4497	2016	Fuzzy logic and PD control strategies of a three-phase electric arc furnace	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	9875 LNCS		0	0	0	3	1	
4498	2016	Assesment of sandwich beams with rigid polyurethane foam core using failure-mode maps	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	16	4	4	3	3	1	2	
4499	2016	Effect of Cu and Gd on structural and magnetic properties of Fe-Co-B-Si-Nb metallic glasses	10120394	Solid State Phenomena	254		0	0	1	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4500	2016	Comparative study of mechanical properties of aluminium wires from new and used ACSR conductors	10120394	Solid State Phenomena	254		0	0	0	0	0	
4501	2016	Modelling of resistance brazing process using factorial design	10120394	Solid State Phenomena	254		0	0	0	0	1	
4502	2016	Optimisation of the electrodeposition parameters for platinum nanoparticles on carbon nanofibers support	10120394	Solid State Phenomena	254		0	0	1	0	0	
4503	2016	Numerical modeling of thermal field distribution during friction stir welding (FSW) of dissimilar materials	10120394	Solid State Phenomena	254		0	0	1	0	0	
4504	2016	Influence of the graphitisation degree of carbon nano fibres serving as support material for noble metal electro catalysts on the performance of PEM fuel cells	10120394	Solid State Phenomena	254		1	0	1	0	1	
4505	2016	Superelastic behavior in NiTi shape memory alloy wires and ribbons	10120394	Solid State Phenomena	254		0	0	1	0	0	
4506	2016	Alumide sinterization aspects according to layer orientation, in rapid prototyping process	10120394	Solid State Phenomena	254		0	0	1	0	0	
4507	2016	Optimization of process parameters for the manufacturing of high temperature vacuum brazed WC-NiCrBSi coatings	10120394	Solid State Phenomena	254		0	0	3	0	1	
4508	2016	Sliding wear behavior of remelted Al2O3-TiO2 plasma sprayed coatings on titanium	10120394	Solid State Phenomena	254		0	0	0	0	0	
4509	2016	A comparison between hardness, corrosion and wear performance of APS sprayed Wc-CoMo Wc-Co coatings	10120394	Solid State Phenomena	254		2	2	2	0	0	
4510	2016	A Refined Quality Attribute Classification Model for New Product and Service Strategic Design	18770509	Procedia Computer Science	91		0	1	2	2	2	
4511	2016	Small Business Owners Undertaking Organized Marketing Activities: Out of Need or Available Resources?	18770509	Procedia Computer Science	91		0	1	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4512	2016	Survey on Recent Ulam Stability Results Concerning Derivations	23148896	Journal of Function Spaces	2016		1	0	0	3	0
4513	2016	A proposed business model to reinforce universities-industry collaboration in open innovation		Proceedings of the 27th International Business Information Management Association Conference Innovation Management and Education Excellence Vision 2020 from Regional Development Sustainability to Global Economic Growth Ibima 2016			1	1	1	0	1
4514	2016	Sustainable development influence on the competitive advantage of companies		Proceedings of the 27th International Business Information Management Association Conference Innovation Management and Education Excellence Vision 2020 from Regional Development Sustainability to Global Economic Growth Ibima 2016			0	0	0	0	0
4515	2016	Computational search for long bonds in radical cations of sugars 1. Glucofuranose, galactofuranose and mannofuranose di-O-isopropylidene derivatives	148237	Farmacia	64	4	0	0	0	0	0
4516	2016	New Cu-free ti-Based composites with residual amorphous matrix	19961944	Materials	9	5	0	1	0	1	0
4517	2016	Diclofenac degradation by photocatalytically-Assisted electrochemical method	13115065	Journal of Environmental Protection and Ecology	17	1	1	0	0	0	0
4518	2016	Comparative determination of cofermentation using residual waters for biogas production at small scale	347752	Revista De Chimie	67	1	1	0	0	0	0
4519	2016	Studies concerning disposal radionuclides by adsorption rabbit bone meal	347752	Revista De Chimie	67	5	0	0	0	0	1
4520	2016	Ensuring the comfort in the heated space by controlling the temperature in the heating installation of a non-residential building		Smartgreens 2016 Proceedings of the 5th International Conference on Smart Cities and Green ICT Systems			1	0	0	0	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4521	2016	Modelling and simulation of the temperature control system in the heating installations from nonresidential buildings		Smartgreens 2016 Proceedings of the 5th International Conference on Smart Cities and Green ICT Systems			0	0	0	0	0
4522	2016	Several applications of Young-type and Holder's inequalities	1312885X	Applied Mathematical Sciences	10	33-36	1	0	0	0	0
4523	2016	Benchmark for numerical analysis of steel and composite floors exposed to fire using a general purpose FEM code	14514117	Journal of Applied Engineering Science	14	2	1	0	0	0	0
4524	2016	Charged-particle distributions in pp interactions at $\sqrt{s} = 8$ TeV measured with the ATLAS detector	14346044	European Physical Journal C	76	7	5	4	8	4	0
4525	2016	Gravitational search algorithm-based evolving fuzzy models of a nonlinear process	18761100	Lecture Notes in Electrical Engineering	383		0	0	0	0	0
4526	2016	Gesture interaction browser-based 3D molecular viewer	9269630	Studies in Health Technology and Informatics	226		0	0	1	0	0
4527	2016	Measurement of event-shape observables in Z $\rightarrow$ $q\bar{q}$ events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC	14346044	European Physical Journal C	76	7	0	2	2	1	0
4528	2016	Collagen-bioceramic smart composites		Handbook of Bioceramics and Biocomposites			0	2	1	0	0
4529	2016	LiMon - Lightweight authentication for tire pressure monitoring sensors	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	9588		0	0	0	0	2
4530	2016	Optical and electrochemical behavior of new nano-sized complexes based on gold-colloid and Co-porphyrin derivative in the presence of H ₂ O ₂	9258388	Journal of Alloys and Compounds	686		6	2	2	1	3
4531	2016	User interface design in medical distributed web applications	9269630	Studies in Health Technology and Informatics	223		0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4532	2016	The effects of doping on the structural, optical and electric properties of Zn ₄ Sb ₃ material	3525139	Journal of the Serbian Chemical Society	81	3	0	0	0	0	0
4533	2016	Particularities of the asymmetric four-point bending testing of polyurethane foams	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	78	2	1	0	0	0	0
4534	2016	Influence of the physico-chemical characteristics of the hybrid matrix on the catalytic properties of sol-gel entrapped <i>Pseudomonas fluorescens</i> lipase	18479804	Nanomaterials and Nanotechnology	6	1	0	1	2	0	0
4535	2016	Influence of corrugation depth on lateral stability of cold-formed steel beams of corrugated webs	18984088	Acta Mechanica Et Automatica	10	2	1	0	1	2	0
4536	2016	Investigating occupational diseases in the metallurgical industry	5435846	Metalurgija	55	4	0	0	0	0	0
4537	2016	Theoretical determination of the redox electrode potential of cyanidin	3525139	Journal of the Serbian Chemical Society	81	2	1	1	0	1	0
4538	2016	Zn(Ta _{1-x} Nb _x) ₂ O ₆ nanomaterials. Synthesis, characterization and corrosion behaviour	3525139	Journal of the Serbian Chemical Society	81	2	1	1	0	1	0
4539	2016	Obesity in association with Sleep Apnea Syndrome as predictor for coronary-vascular comorbidities	20672993	Pneumologia	65	1	0	0	0	0	1
4540	2016	Low-cost hardware infrastructure for runtime thread level energy accounting	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	9637		0	0	0	0	0
4541	2016	Runtime translation of the java bytecode to OpenCL and GPU execution of the resulted code	17858860	Acta Polytechnica Hungarica	13	3	0	0	0	0	0
4542	2016	Virtual reference feedback tuning of MIMO data-driven model-free adaptive control algorithms	18684238	IFIP Advances in Information and Communication Technology	470		0	1	2	0	1
4543	2016	Cd(II) capture ability of an immobilized, fluorescent hexapeptide	92673	Bulletin of the Chemical Society of Japan	89	2	1	1	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4544	2016	Multi-level simulated fault injection for data dependent reliability analysis of RTL circuit descriptions	15827445	Advances in Electrical and Computer Engineering	16	1	0	1	0	2	1
4545	2016	MAC-level communication time modeling and analysis for real-time WSNs	15827445	Advances in Electrical and Computer Engineering	16	1	0	0	0	0	0
4546	2016	Helping program comprehension of large software systems by identifying their most important classes	18650929	Communications in Computer and Information Science	599		1	3	1	2	2
4547	2016	Plastic mechanisms for thin-walled cold-formed steel members in eccentric compression	18984088	Acta Mechanica Et Automatica	10	1	0	2	0	1	1
4548	2016	Studies on approximation methods in calculating the magnetic dipolar interaction energy, and its impact on the relaxation time of magnetic nanoparticle systems	5874246	Acta Physica Polonica A	129	1	0	0	0	1	0
4549	2016	The electrical properties of some composite materials based on sodium and tantalum oxides	5874246	Acta Physica Polonica A	129	1	1	0	1	2	2
4550	2016	Fast charging and smart charging tests for electric vehicles batteries using renewable energy	12944475	Oil and Gas Science and Technology	71	1	3	3	5	5	10
4551	2016	Effect of Al Doping on Performance of CuGaO2 p-Type Dye-Sensitized Solar Cells	10599495	Journal of Materials Engineering and Performance	25	1	1	2	3	1	0
4552	2016	Changes in CRM approach: Refined functional blocks for customer creative engagement in services	19355688	International Journal of Information Systems in the Service Sector	8	1	2	1	1	0	2
4553	2016	Study of the $Bc^+ \rightarrow J/\psi D_s^+$ and $Bc^+ \rightarrow J/\psi D^{*+}$ decays with the ATLAS detector	14346044	European Physical Journal C	76	1	2	3	2	7	5

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4554	2016	Usage of artificial neural networks for optimal bankruptcy forecasting. Case study: Eastern European small manufacturing enterprises	335177	Quality and Quantity	50	1	1	0	0	1	3	
4555	2016	Study on the formation of Co1-xZnxFe2O4 system using two low-temperature synthesis methods	13886150	Journal of Thermal Analysis and Calorimetry	123	1	1	0	0	2	0	
4556	2016	Data-driven model-free adaptive control tuned by virtual reference feedback tuning	17858860	Acta Polytechnica Hungarica	13	1	8	5	5	4	3	
4557	2016	On the influence of the contact force and the angle between the wires on ACSR conductors' mechanical properties and durability	10139826	Key Engineering Materials	665		0	0	0	0	0	
4558	2016	Experimental tensile tests on bone cement: Effect of test sample shape	10139826	Key Engineering Materials	665		0	0	0	0	0	
4559	2016	Generative learning object assessment items for a set of computer science disciplines	21945357	Advances in Intelligent Systems and Computing	356		0	2	0	0	0	
4560	2016	Social cities: Redistribution of traffic flow in cities using a social network approach	21945357	Advances in Intelligent Systems and Computing	356		0	1	0	0	0	
4561	2016	Mobile applications supporting healthy lifestyle	21945357	Advances in Intelligent Systems and Computing	356		0	0	0	0	0	
4562	2016	Server-side image segmentation and patient-related data storage	21945357	Advances in Intelligent Systems and Computing	356		0	0	0	0	0	
4563	2016	Using modern technologies to facilitate translating logical observation identifiers names and codes	21945357	Advances in Intelligent Systems and Computing	356		0	0	0	0	0	
4564	2016	Heuristic optimization of wireless sensor networks using social network analysis	21945357	Advances in Intelligent Systems and Computing	356		0	0	0	0	0	
4565	2016	Data analysis for patients with sleep apnea syndrome: A complex network approach	21945357	Advances in Intelligent Systems and Computing	356		0	1	0	0	0	
4566	2016	Artificial intelligence techniques for optimal power flow	21945357	Advances in Intelligent Systems and Computing	357		0	1	0	0	0	

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							2020	2021	2022	2023	2024
4567	2016	Switching the center of software development from it to business experts using intelligent business process management suites	21945357	Advances in Intelligent Systems and Computing	357		0	1	0	3	0
4568	2016	Testing biorthogonal wavelets on magnetocardiogram processing algorithms	21945357	Advances in Intelligent Systems and Computing	357		1	0	0	1	0
4569	2016	Centring in magnetic field of the hydro generator rotors using orbit diagram	21945357	Advances in Intelligent Systems and Computing	357		0	0	0	0	0
4570	2016	Mathematical modelling and numerical simulation of the dual winded induction generator’s operating regimes	21945357	Advances in Intelligent Systems and Computing	357		2	1	0	1	0
4571	2016	Device for automatic control of the petersen coil	21945357	Advances in Intelligent Systems and Computing	357		0	3	0	1	0
4572	2016	Expert control for the coupled tanks greenhouse	21945357	Advances in Intelligent Systems and Computing	357		0	0	0	0	0
4573	2016	Aspects of forecasting for the european automotive industry	21945357	Advances in Intelligent Systems and Computing	357		0	1	0	0	1
4574	2016	Opportunity analysis of change requests in automotive projects	21945357	Advances in Intelligent Systems and Computing	357		0	0	0	0	0
4575	2016	Givens orthogonal transformation-based estimator versus RLS estimator’s case study for an induction generator model	21945357	Advances in Intelligent Systems and Computing	357		1	2	0	0	0
4576	2016	Voltage and current signals processing in functioning of nonlinear loads	21945357	Advances in Intelligent Systems and Computing	357		0	0	0	0	0
4577	2016	Novel topology flyback inverter for a microgrid system	21945357	Advances in Intelligent Systems and Computing	357		0	1	0	0	0
4578	2016	Innovative computerized techniques for individual management optimization	21945357	Advances in Intelligent Systems and Computing	357		1	1	0	0	0
4579	2016	Determination of reference mechanical angular speed for wind power systems	21945357	Advances in Intelligent Systems and Computing	357		4	1	0	1	0
4580	2016	Supply chain collaboration model based on drum-buffer-rope philosophy	21945357	Advances in Intelligent Systems and Computing	357		0	0	1	0	0
4581	2016	Maximum power point control approach for wind generators	21945357	Advances in Intelligent Systems and Computing	357		3	0	0	0	0

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							2020	2021	2022	2023	2024
4582	2016	Modeling and simulation of hearing with cochlear implants: A proposed method for better auralization	21945357	Advances in Intelligent Systems and Computing	357		0	0	0	0	0
4583	2016	A variational model for swirling flow states with stagnant region	9977546	European Journal of Mechanics B Fluids	55		1	3	0	0	1
4584	2016	Ozonation of piperidine, piperazine and morpholine: Kinetics, stoichiometry, product formation and mechanistic considerations	431354	Water Research	88		2	4	6	3	1
4585	2016	Recyclable solid-phase biocatalyst with improved stability by sol-gel entrapment of Î²-d-galactosidase	13811177	Journal of Molecular Catalysis B Enzymatic	123		4	3	3	1	2
4586	2016	Timeâ€‘frequency relationship between US output with commodity and asset prices	36846	Applied Economics	48	3	3	1	3	1	2
4587	2016	Fluid dynamics in helical geometries with applications for by-pass grafts	963003	Applied Mathematics and Computation	272		3	0	2	1	0
4588	2016	Impact of harmonics on the interpolated DFT frequency estimator	8883270	Mechanical Systems and Signal Processing	66-67		3	4	5	1	4
4589	2016	Uncovering the fingerprint of online social networks using a network motif based approach	1403664	Computer Communications	73		1	4	3	3	4
4590	2016	SOLUTIONS IN THE COAGULATION OF OIL WASTEWATER	12247154	Studia Universitatis Babes Bolyai Chemia	61	4	1	0	0	0	0
4591	2015	Luminal flow alteration in presence of the stent	0094243X	Aip Conference Proceedings	1702		0	2	0	0	0
4592	2015	Numerical assessment of a novel concept for mitigating the unsteady pressure pulsations associated to decelerating swirling flow with precessing helical vortex	0094243X	Aip Conference Proceedings	1702		1	1	1	0	2
4593	2015	Fluid mechanics in stented arterial model	0094243X	Aip Conference Proceedings	1702		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4594	2015	Determination of the Ratio of b -Quark Fragmentation Fractions f_s/f_d in pp Collisions at $s = 7$ TeV with the ATLAS Detector	319007	Physical Review Letters	115	26	3	6	2	6	3
4595	2015	Influence of hot compaction on microstructure and magnetic properties of mechanically alloyed Fe(Co)-based amorphous compositions	9258388	Journal of Alloys and Compounds	653		0	0	0	0	0
4596	2015	Analysis of the harmonics contribution on the three-point interpolated DFT frequency estimator		2015 23rd European Signal Processing Conference Eusipco 2015			1	1	0	0	0
4597	2015	Search for pair production of a new heavy quark that decays into a W boson and a light quark in pp collisions at $s = 8$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	92	11	2	5	3	5	4
4598	2015	Solid-state characterization and biological activity of betulonic acid derivatives	14203049	Molecules	20	12	4	4	1	2	1
4599	2015	Timing error analysis of flooded LDPC decoders		2015 IEEE International Conference on Microwaves Communications Antennas and Electronic Systems Comcas 2015			0	0	0	0	0
4600	2015	Measurement of the production of neighbouring jets in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	751		0	2	0	1	0
4601	2015	Helleborus purpurascens-amino acid and peptide analysis linked to the chemical and antiproliferative properties of the extracted compounds	14203049	Molecules	20	12	1	3	1	3	4
4602	2015	Obtaining of ^{57}Fe -Fe ₂ O ₃ nanoparticles by thermal decomposition of polyethyleneglycol-iron nitrate mixtures	406031	Thermochimica Acta	621		3	1	2	1	0
4603	2015	A review of the solar energy database for the Banat plain	0094243X	Aip Conference Proceedings	1694		0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4604	2015	Elucidating some issues regarding the synthesis of superparamagnetic-like single crystalline micrometric Fe ₃ O ₄ during the hydrothermal process	0094243X	Aip Conference Proceedings	1694		0	0	0	0	0
4605	2015	Fabrication of Fe-based bulk metallic glass by selective laser melting: A parameter study	2641275	Materials and Design	86		33	36	43	48	44
4606	2015	Is it desirable or useful to believe in a just world?	15833410	Revista De Cercetare Si Interventie Sociala	51	DECEMBER	1	1	0	0	0
4607	2015	Evaluation of medical engineered plastics processing risk	255289	Materiale Plastice	52	4	0	0	0	0	0
4608	2015	Exact solution to the Schrödinger's equation with pseudo-Gaussian potential	222488	Journal of Mathematical Physics	56	12	4	0	1	1	1
4609	2015	Shear and mode II fracture of PUR foams	13506307	Engineering Failure Analysis	58		10	11	10	4	6
4610	2015	Application of TCD for brittle fracture of notched PUR materials	1678442	Theoretical and Applied Fracture Mechanics	80		8	4	8	9	2
4611	2015	An overview on fault diagnosis and nature-inspired optimal control of industrial process applications	1663615	Computers in Industry	74		21	18	17	8	9
4612	2015	Creating an RS-232 microchip for controlling the Lynxmotion AL5 type robotic arms		2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging Siitme 2015			0	0	0	0	0
4613	2015	EEG pattern recognition techniques review		2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging Siitme 2015			0	0	0	1	0
4614	2015	The development process of an UART chip on FPGA for driving embedded devices		2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging Siitme 2015			0	0	1	0	1
4615	2015	Dynamic transmission network expansion planning. case study for 50 buses test power system		Proceedings of the Universities Power Engineering Conference	2015-November		0	2	0	0	0
4616	2015	Solution combustion synthesis of strontium aluminate, SrAl ₂ O ₄ , powders: Single-fuel versus fuel-mixture approach	14639076	Physical Chemistry Chemical Physics	18	2	7	3	7	8	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4617	2015	Ionic liquids impregnated onto inorganic support used for thallium adsorption from aqueous solutions	13835866	Separation and Purification Technology	155		3	5	3	3	2	
4618	2015	A model-based approach to software refactoring		2015 IEEE 31st International Conference on Software Maintenance and Evolution Icsme 2015 Proceedings			0	2	0	2	1	
4619	2015	Influence of Al on glass forming ability and nanocrystallization behavior of cast-iron based bulk amorphous alloy	8842914	Journal of Materials Research	30	6	0	2	0	0	0	
4620	2015	Delay effect on cardiovascular regulation - A systems analysis approach		2015 European Control Conference Ecc 2015			1	0	0	0	0	
4621	2015	Sleep fragmentation. A study on how daily activities affect our sleeping		Ines 2015 IEEE 19th International Conference on Intelligent Engineering Systems Proceedings			1	0	0	0	0	
4622	2015	Measurement of transverse energy-energy correlations in multi-jet events in pp collisions at s=7 TeV using the ATLAS detector and determination of the strong coupling constant as(mZ)	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	750		2	5	2	4	6	
4623	2015	Measurement of colour flow with the jet pull angle in tt- events using the ATLAS detector at â^ss=8 TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	750		4	0	3	3	3	
4624	2015	Dissimilar laser welding of NiTi shape memory alloy and copper	9641726	Smart Materials and Structures	24	12	12	8	12	4	5	
4625	2015	Testing usability in Moodle: When and How to do it		Sisy 2015 IEEE 13th International Symposium on Intelligent Systems and Informatics Proceedings			2	1	2	0	1	
4626	2015	Modulated interaction in double-layer shape memory-based micro-designed actuators	14686996	Science and Technology of Advanced Materials	16	6	3	0	1	3	0	
4627	2015	FMNet: Physical Trait Patterns in the Fashion World		Proceedings 2nd European Network Intelligence Conference Enic 2015			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4628	2015	Fuzzy control of an anaerobic digestion process		2015 19th International Conference on System Theory Control and Computing Ictcc 2015 Joint Conference Sintes 19 Saccs 15 Simsis 19			0	0	0	0	0
4629	2015	A novel low-stress high-efficiency step-up DC-DC converter		2015 19th International Conference on System Theory Control and Computing Ictcc 2015 Joint Conference Sintes 19 Saccs 15 Simsis 19			0	0	0	0	1
4630	2015	Merging business processes for a common workflow in an organizational collaborative scenario		2015 19th International Conference on System Theory Control and Computing Ictcc 2015 Joint Conference Sintes 19 Saccs 15 Simsis 19			0	0	1	0	0
4631	2015	Extremum seeking control for an anaerobic digestion process		2015 19th International Conference on System Theory Control and Computing Ictcc 2015 Joint Conference Sintes 19 Saccs 15 Simsis 19			1	4	1	0	1
4632	2015	Two data-driven control algorithms for a MIMO aerodynamic system with experimental validation		2015 19th International Conference on System Theory Control and Computing Ictcc 2015 Joint Conference Sintes 19 Saccs 15 Simsis 19			0	1	1	0	0
4633	2015	Searches for Higgs boson pair production in the $hh \rightarrow b\bar{b}l\bar{l}, l\bar{l}WW \rightarrow l\bar{l}b\bar{b}, b\bar{b}b\bar{b}$ channels with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	92	9	14	8	5	5	3
4634	2015	Field control of multiferroic spherical core-shell nanocomposites with applications in microwave range	17578981	Iop Conference Series Materials Science and Engineering	95	1	2	0	0	1	2
4635	2015	The shape factor influence on the control process of multiferroic nanoparticle configurations in GHz range	17578981	Iop Conference Series Materials Science and Engineering	95	1	0	0	0	0	0
4636	2015	Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector at the LHC	15507998	Physical Review D Particles Fields Gravitation and Cosmology	92	9	3	2	8	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4637	2015	Model-Free Primitive-Based Iterative Learning Control Approach to Trajectory Tracking of MIMO Systems With Experimental Validation	2162237X	IEEE Transactions on Neural Networks and Learning Systems	26	11	10	16	7	4	9
4638	2015	Arsenic removal through adsorption on cobalt nanoferrite	347752	Revista De Chimie	66	11	3	1	0	0	1
4639	2015	The kinetic and modeling study of zinc sorption onto chitosan-glutaraldehyde beads	347752	Revista De Chimie	66	11	0	0	0	0	1
4640	2015	Leaching investigation of coal fly ash and dry desulphurisation residues by stabilization into ash rock	347752	Revista De Chimie	66	11	1	0	0	0	0
4641	2015	Path planning algorithm based on Arnold cat map for surveillance UAVs	0011748X	Defence Science Journal	65	6	2	5	2	5	1
4642	2015	Low-cycle fatigue behaviour of polyamides	8756758X	Fatigue and Fracture of Engineering Materials and Structures	38	11	0	0	0	0	0
4643	2015	Diagonal ordering operation technique applied to Morse oscillator	34916	Annals of Physics	362		0	1	1	0	0
4644	2015	ANN backpropagation power consumption forecasting		Proceedings Eurocon 2015			0	0	0	0	0
4645	2015	Numerical evaluation of the effects of the impedances and admittances asymmetry at a double circuit HVAC overhead line		Proceedings Eurocon 2015			0	0	0	0	0
4646	2015	Data management in research applications used in voltage dips field		Proceedings Eurocon 2015			1	0	0	0	0
4647	2015	Assessment of packet latency on the 4G LTE S1-U interface: Impact on end-user throughput		2015 23rd International Conference on Software Telecommunications and Computer Networks Softcom 2015			0	1	0	1	0
4648	2015	Z boson production in p+Pb collisions at $\sqrt{s} = 5.02$ TeV measured with the ATLAS detector	5562813	Physical Review C Nuclear Physics	92	4	9	7	6	3	3
4649	2015	Emulation of backhaul packet loss on the LTE S1-U interface and impact on end user throughput		Proceedings 2015 IEEE 11th International Conference on Intelligent Computer Communication and Processing Iccp 2015			2	1	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4650	2015	Performances/efficiency analysis for high efficiency three-phase buck-type PFC rectifiers		2015 17th European Conference on Power Electronics and Applications EPE Ecce Europe 2015			0	1	0	1	1
4651	2015	Direct torque control with feedback linearization for induction motor drives		2015 17th European Conference on Power Electronics and Applications EPE Ecce Europe 2015			0	0	0	1	0
4652	2015	1kW, 2000-4500rpm Ferrite PMSM drive: Comprehensive characterization and two sensorless control options		2015 IEEE Energy Conversion Congress and Exposition Ecce 2015			0	1	0	0	1
4653	2015	Single-step combustion synthesis of YAlO3 powders	222461	Journal of Materials Science	50	19	0	2	1	0	1
4654	2015	Band splitting in 2D EBG structure by geometry modulation	15223965	IEEE Antennas and Propagation Society AP S International Symposium Digest	2015-October		0	0	0	0	0
4655	2015	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in pp collisions at s =8 TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	92	7	12	11	12	6	2
4656	2015	2D periodic structure featuring negative group velocity of bloch waves		Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications Iceaa 2015			0	0	0	0	0
4657	2015	Study on intra-symbol interleaving for Multi-Non-Binary Turbo Codes		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	0	1	0	0
4658	2015	Denoising and inpainting SONAR images		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			2	0	0	2	1
4659	2015	Preliminary segmentation of fetal magnetocardiograms for a wireless diagnosis system		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	0	0	0	0
4660	2015	Stability analysis of DC-DC converters employing digital predictive leading triangle modulation valley current control		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			1	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4661	2015	IEEE 1451 based hart-ethernet interfacing		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	0	0	0	0		
4662	2015	On the double-binary turbo coded bits allocation mode in the case of 256-QAM square modulation		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	0	0	0	0		
4663	2015	Real-time multi-cue finger tracking for human computer interaction		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	0	0	0	0		
4664	2015	FPGA implementation of a HART-Ethernet smart industrial interface		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	1	0	1	0		
4665	2015	IEEE 1451 compliant smart HART modem		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	1	0	0	0		
4666	2015	A new filtering technique for B-spline interpolation in digital signal processing		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	1	0	0	0		
4667	2015	Real-time finger tracking with improved performance in video sequences with motion blur		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			1	0	0	0	0		
4668	2015	HetNet handover performance analysis based on RSRP vs. RSRQ triggers		2015 38th International Conference on Telecommunications and Signal Processing Tsp 2015			0	0	2	2	0		
4669	2015	Imparting protean behavior to mobile robots accomplishing patrolling tasks in the presence of adversaries	17483182	Bioinspiration and Biomimetics	10	5	1	3	0	2	0		
4670	2015	Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	749		0	2	3	1	0		
4671	2015	Measurement of exclusive $\tilde{t}\tilde{t}^* \rightarrow \tilde{t}\tilde{t}^* + \tilde{a}, \tilde{a}^*$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	749		7	9	2	10	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4672	2015	Performance analysis of broadcast authentication protocols on CAN-FD and FlexRay		Proceedings of the 10th Workshop on Embedded Systems Security Wess 2015			3	0	1	0	1		
4673	2015	Aspects regarding efficiency of two experimental fractionating columns	353930	Revue Roumaine De Chimie	60	10	0	1	1	0	0		
4674	2015	Radical cations in EI-MS analysis of drugs: I. Riboflavin, epinephrine, chloramphenicol, metronidazole and dipyridamole	347752	Revista De Chimie	66	10	0	0	1	0	0		
4675	2015	The limitation of permutation polynomial interleavers for turbo codes and a scheme for dithering permutation polynomials	14348411	AEU International Journal of Electronics and Communications	69	10	3	1	1	1	1		
4676	2015	On the Lâˆž-Uniqueness of Symmetric Diffusion Operators on Complete Non-Compact Riemannian Manifolds	10506926	Journal of Geometric Analysis	25	4	0	1	0	0	0		
4677	2015	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at âˆšs=8 TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2015	10	1	2	1	0	1		
4678	2015	Bandwidth enhancement between graphics processing units on the peripheral component interconnect bus	18446035	Journal of Electrical and Electronics Engineering	8	2	0	0	0	0	0		
4679	2015	Validation through numerical simulations of the design procedure for bolted beam-to-column connections with haunches	17881994	Pollack Periodica	10	3	0	0	1	0	1		
4680	2015	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider	14346044	European Physical Journal C	75	10	5	7	2	2	0		
4681	2015	Assessment of brittle fracture for PUR materials using local strain energy density and theory of critical distances	1678442	Theoretical and Applied Fracture Mechanics	79		4	2	3	5	2		
4682	2015	On the crack path under mixed mode loading on PUR foams	19718993	Frattura Ed Integrita Strutturale	9	34	3	2	5	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4683	2015	Thresholds for reduction-related entanglement criteria in quantum Information theory	15337146	Quantum Information and Computation	15	13-14	0	3	1	0	0
4684	2015	On the binary allocation of modulator symbol in the case of turbo coded 32-QAM rectangular modulation		2015 20th International Conference on Methods and Models in Automation and Robotics Mmar 2015			0	0	0	0	0
4685	2015	Model predictive control solution for magnetic levitation systems		2015 20th International Conference on Methods and Models in Automation and Robotics Mmar 2015			2	1	0	2	1
4686	2015	Erratum : Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s} = 7$ TeV using 4.5 fb ⁻¹ of data with the ATLAS detector	10298479	Journal of High Energy Physics	2015	9	1	3	2	1	1
4687	2015	Takagi-Sugeno PD+I fuzzy control of processes with variable moment of inertia		Inista 2015 2015 International Symposium on Innovations in Intelligent Systems and Applications Proceedings			0	1	1	0	0
4688	2015	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector	319007	Physical Review Letters	115	13	5	4	4	0	1
4689	2015	Shannon information entropies for position-dependent mass Schrödinger problem with a hyperbolic well	16741056	Chinese Physics B	24	10	10	5	6	9	3
4690	2015	Synthetic anabolic steroids binding to the human androgen receptor	1221146X	Romanian Journal of Physics	60	07-Aug	0	0	0	0	2
4691	2015	Solvothermal synthesis of magnetic Fe ₃ O ₄ /C nanocomposites used as adsorbents for the removal of methylene blue from wastewater	13886150	Journal of Thermal Analysis and Calorimetry	121	3	4	3	8	3	1
4692	2015	Kinetic of solid-state degradation of transitional coordinative compounds containing functionalized 1,2,4-triazolic ligand	13886150	Journal of Thermal Analysis and Calorimetry	121	3	3	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4693	2015	Selection of solid-state excipients for simvastatin dosage forms through thermal and nonthermal techniques	13886150	Journal of Thermal Analysis and Calorimetry	121	3	2	1	1	2	1
4694	2015	Fine MnFe ₂ O ₄ nanoparticles for potential environmental applications: Synthesis and characterization	13886150	Journal of Thermal Analysis and Calorimetry	121	3	3	4	1	0	1
4695	2015	Bio-inspired redistribution of urban traffic flow using a social network approach		2015 IEEE Congress on Evolutionary Computation CEC 2015 Proceedings			1	0	0	0	0
4696	2015	Remediation of rare earth element pollutants by sorption process using organic natural sorbents	16617827	International Journal of Environmental Research and Public Health	12	9	6	14	6	4	5
4697	2015	Electro-thermal analysis of flexible micro-heater	21612528	Proceedings of the International Spring Seminar on Electronics Technology	2015-September		2	0	3	0	0
4698	2015	Erratum to: Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector (Eur. Phys. J. C (2015) 75:299, 10.1140/epjc/s10052-015-3517-3)	14346044	European Physical Journal C	75	9	3	3	0	2	1
4699	2015	Reaction of Ozone with Ag(I) – Mechanistic Considerations	1919512	Ozone Science and Engineering	37	5	0	1	0	1	0
4700	2015	A simple and robust technique to retrieve effective refractive index of heterogeneous dielectrics for millimeter-wave applications		2015 Computational Electromagnetics International Workshop Cem 2015			1	0	0	0	0
4701	2015	Substrate influence on the properties of thermally sprayed WC-CrC-Ni cermet coatings	14544164	Journal of Optoelectronics and Advanced Materials	17	09-Oct	0	1	0	1	0
4702	2015	Considerations regarding the mechanism of electrical energy generation in Karpen's cells	347752	Revista De Chimie	66	9	0	0	0	0	0
4703	2015	Structural characterization of ZnO nanoparticles synthesized by co-precipitation and sol-gel method	18426573	Optoelectronics and Advanced Materials Rapid Communications	9	09-Oct	1	0	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4704	2015	An analysis of dependence between Central and Eastern European stock markets	9393625	Economic Systems	39	3	4	4	1	1	0
4705	2015	Results on optimal tuning of fuzzy models of magnetic levitation systems	9740635	International Journal of Artificial Intelligence	13	2	0	0	1	0	0
4706	2015	Data classification with the genetic algorithm AGR	9740635	International Journal of Artificial Intelligence	13	2	0	0	0	1	0
4707	2015	Empirical social research to identify clusters of characteristics that underlie the online evaluation of accommodation services	15833410	Revista De Cercetare Si Interventie Sociala	50	Septemb	0	0	0	1	0
4708	2015	Viscous flow and heat transfer over a permeable shrinking sheet with partial slip	255289	Materiale Plastice	52	3	1	0	0	3	1
4709	2015	Applications of thermoplastic materials in the fabrication of orthodontic aligners	255289	Materiale Plastice	52	3	1	0	0	0	0
4710	2015	Frequency domain causality analysis of stock market and economic activity in India	10590560	International Review of Economics and Finance	39		11	2	3	0	4
4711	2015	An analytical approach to non-linear dynamical model of a permanent magnet synchronous generator	10954244	Wind Energy	18	9	2	1	2	1	2
4712	2015	Distribution system expansion planning with renewable sources. Case study: IEEE 33 test system		2015 IEEE Eindhoven Powertech Powertech 2015			1	0	0	0	0
4713	2015	Human machine interface for a SCADA system applied on a district heating power plant		International Conference on Information and Digital Technologies Idt 2015			1	1	0	0	0
4714	2015	B-spline interpolation technique for digital signal processing		International Conference on Information and Digital Technologies Idt 2015			1	0	2	1	0
4715	2015	Monitoring system dedicated for the assessment of the electromagnetic field parameters on a Transelectrica-Romania power station		International Conference on Information and Digital Technologies Idt 2015			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4716	2015	Cavitation Erosion of Laser-Nitrided Ti-6Al-4V Alloys with the Energy Controlled by the Pulse Duration	10238883	Tribology Letters	59	2	0	0	2	1	1
4717	2015	Researching data privacy models in eLearning		2015 International Conference on Information Technology Based Higher Education and Training Ithet 2015			3	1	1	1	3
4718	2015	Business activity monitoring solution to detect deviations in business process execution		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	0	1
4719	2015	Studies regarding detection of obstacles with different geometric shape using Parallax Ping sensor		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1
4720	2015	Hardware support for performance measurements and energy estimation of OpenRISC processor		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	1	0
4721	2015	A chat-centric collaborative environment for web-based real-time collaboration		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0
4722	2015	Electric arc current control for an electric arc furnace based on fuzzy logic		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	2	4	1
4723	2015	Hierarchical clustering techniques and classification applied in Content Based Image Retrieval (CBIR)		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0
4724	2015	Inverted pendulum controlled through fuzzy logic		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0
4725	2015	Classical PID versus predictive control solutions for a galvanometer-based scanner		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	1	0	1
4726	2015	The efficiency of minimum operator for fuzzy automata: A case study		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4727	2015	PI and PID controller tuning for an automotive application using backtracking search optimization algorithms		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
4728	2015	ROS-based robot navigation and human interaction in indoor environment		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			4	3	3	3	0		
4729	2015	Generalized exponential dichotomies for evolution operators		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4730	2015	Comparing memetic and simulated annealing approaches for discrete tomography on the triangular grid		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4731	2015	Generation of floating point 2D translation operators for FPGA		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4732	2015	Computer aided scoliosis evaluation and recovery using an intelligent optical 3D sensor		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4733	2015	Regression methods used for the determination of induction generator efficiency		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4734	2015	Business process similarity metric supporting one-To-many relationship		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4735	2015	Fault tolerance of propagated errors in persistent real-Time routing processes with a synchronization based algorithmic method		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4736	2015	Sub-threshold CMOS circuits reliability assessment using simulated fault injection based on simulator commands		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
4737	2015	Assistive tool for cochlear implant fitting: Estimation and monitoring of the effective stimulation thresholds		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4738	2015	Sybil attack type detection in Wireless Sensor networks based on received signal strength indicator detection scheme		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			4	1	1	1	0		
4739	2015	Bidirectional flyback inverter with low output voltage THD		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0		
4740	2015	Photovoltaic power plants influence on distribution network expansion planning		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4741	2015	Measuring realism of social network models using network motifs		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4742	2015	The control of the wind power systems by imposing the DC current		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	1		
4743	2015	Model predictive controllers for magnetic levitation systems		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0		
4744	2015	Ergonomic operating mode for a robot arm using a game-pad with two joysticks		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	1	0	0	1		
4745	2015	Dealing with fuzzy QoS properties in service composition		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	1	0	0		
4746	2015	Analysis and improvements in energy consumption models for RTS		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
4747	2015	A PageRank based recommender system for identifying key classes in software systems		Saci 2015 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	4	2	3	2		
4748	2015	Analysis and implementation of on-the-fly stopping criteria for layered QC LDPC decoders		Proceedings of the 22nd International Conference Mixed Design of Integrated Circuits and Systems Mixdes 2015			1	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4749	2015	Effect of amines as proton vectors on catalytic hydrogen evolution reaction on copper	12247154	Studia Universitatis Babes Bolyai Chemia	60	3	0	0	0	0	0
4750	2015	Approximate solutions for steady boundary layer MHD viscous flow and radiative heat transfer over an exponentially porous stretching sheet	963003	Applied Mathematics and Computation	269		2	0	2	5	1
4751	2015	Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2015	8	3	1	3	2	0
4752	2015	A search for tt resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2015	8	2	1	0	2	1
4753	2015	Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow W W^* \rightarrow$ decays with the ATLAS detector	10298479	Journal of High Energy Physics	2015	8	3	2	3	2	3
4754	2015	On teaching microcontroller course for undergraduate program of study		Isscs 2015 International Symposium on Signals Circuits and Systems			0	1	0	0	0
4755	2015	Images compressive sensing reconstruction by inpainting		Isscs 2015 International Symposium on Signals Circuits and Systems			0	0	0	0	1
4756	2015	Preliminary results on sky segmentation		Isscs 2015 International Symposium on Signals Circuits and Systems			1	1	0	0	0
4757	2015	Search for high-mass diphoton resonances in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	92	3	0	2	3	0	2
4758	2015	Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector	14346044	European Physical Journal C	75	8	5	2	3	3	3
4759	2015	FPGA design of high throughput LDPC decoder based on imprecise Offset Min-Sum decoding		Conference Proceedings 13th IEEE International New Circuits and Systems Conference Newcas 2015			1	0	1	0	1
4760	2015	Understanding Web Applications Using Component Based Visual Patterns		IEEE International Conference on Program Comprehension	2015-August		0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4761	2015	Search for type-III seesaw heavy leptons in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	92	3	4	7	2	1	0
4762	2015	Mononuclear Cu(II) complexes of novel salicylidene Schiff bases: synthesis and mesogenic properties	2678292	Liquid Crystals	42	8	2	1	1	2	1
4763	2015	Improving the structural robustness of multi-story steel-frame buildings	15732479	Structure and Infrastructure Engineering	11	8	4	1	3	2	0
4764	2015	Dynamic phasor and frequency measurements by an improved taylor weighted least squares algorithm	189456	IEEE Transactions on Instrumentation and Measurement	64	8	13	13	18	11	10
4765	2015	Thermal and kinetic studies of the polynuclear coordination compound obtained through the reaction of 1,3-propanediol with $\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	347752	Revista De Chimie	66	8	0	0	0	0	0
4766	2015	Comparative study of pollutant emissions from the fossil fuel power plant and influence upon urban air quality in Timisoara	347752	Revista De Chimie	66	8	0	0	0	0	0
4767	2015	Comparative studies of pentoxifylline - Active substance and tablets	347752	Revista De Chimie	66	8	0	0	0	0	0
4768	2015	Collagen - Vinblastine delivery systems as a new treatment for Kaposi's sarcoma	347752	Revista De Chimie	66	8	0	0	0	0	1
4769	2015	Numerical evaluation of the effects of phase admittances asymmetry at HVAC overhead lines		12th Conference Seminar International School on Nonsinusoidal Currents and Compensation Isncc 2015 Conference Proceedings			0	0	0	1	0
4770	2015	An improved algorithm for the shallow water equations model reduction: Dynamic Mode Decomposition vs POD	2712091	International Journal for Numerical Methods in Fluids	78	9	7	17	9	6	1
4771	2015	Artificial intelligence based dynamic transmission network expansion planning		Proceedings 2015 8th International Conference on Human System Interaction Hsi 2015			0	1	2	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4772	2015	Visibility detection in foggy environment		Proceedings 2015 20th International Conference on Control Systems and Computer Science Cscs 2015			2	2	1	1	0		
4773	2015	What drives the emergence of social networks?		Proceedings 2015 20th International Conference on Control Systems and Computer Science Cscs 2015			0	0	0	0	0		
4774	2015	Fracture modes during severe plastic deformation of NiTi shape memory alloys	0031918X	Physics of Metals and Metallography	116	7	0	0	0	1	0		
4775	2015	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	14346044	European Physical Journal C	75	7	1	0	1	1	0		
4776	2015	Measurement of the top quark mass in the tt $\rightarrow$ lepton+jets and tt $\rightarrow$ dilepton channels using $\sqrt{s} = 7$ TeV ATLAS data	14346044	European Physical Journal C	75	7	2	2	1	1	2		
4777	2015	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s} = 8$ TeV	11266708	Journal of High Energy Physics	2015	7	1	0	1	0	0		
4778	2015	The analysis and classification of birth data	17858860	Acta Polytechnica Hungarica	12	4	2	1	1	2	0		
4779	2015	Obtaining of NiO/SiO2 by thermal decomposition of Ni(II) carboxylates formed within hybrid silica gels	13886150	Journal of Thermal Analysis and Calorimetry	121	1	0	1	0	0	0		
4780	2015	An experimental approach to the chemical properties and the ash melting behavior in agricultural biomass	13886150	Journal of Thermal Analysis and Calorimetry	121	1	2	1	0	1	0		
4781	2015	Search for long-lived, weakly interacting particles that decay to displaced hadronic jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	92	1	9	2	8	3	1		
4782	2015	Contributions on the harmonic analysis of a transmission overhead line-a case study		Proceedings of the 2015 16th International Scientific Conference on Electric Power Engineering EPE 2015			2	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4783	2015	LabVIEW implementation for three-phase voltage dip classification		Proceedings of the 2015 16th International Scientific Conference on Electric Power Engineering EPE 2015			0	0	0	0	0		
4784	2015	Evidence of $W\tilde{l}^3$ production in pp collisions at $\hat{s}$ =8 TeV and limits on anomalous quartic gauge couplings with the ATLAS detector	319007	Physical Review Letters	115	3	1	4	4	5	6		
4785	2015	Modelization of electrostatic spraying device		2015 13th International Conference on Engineering of Modern Electric Systems Emes 2015			0	0	0	0	0		
4786	2015	Frequency estimation by two- or three-point interpolated Fourier algorithms based on cosine windows	1651684	Signal Processing	117		11	11	7	11	7		
4787	2015	The usage of a zeolitic composite for quality improvement of copper contaminated mining wastewaters	17351472	International Journal of Environmental Science and Technology	12	7	0	0	1	1	1		
4788	2015	A route for recycling Nd from Nd-Fe-B magnets using Cu melts	9258388	Journal of Alloys and Compounds	647		5	5	4	5	4		
4789	2015	Direct FPGA-based power profiling for a RISC processor	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference	2015-July		2	2	0	0	0		
4790	2015	Accuracy of sine-wave frequency estimation by an iterative Interpolated DFT algorithm	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference	2015-July		1	0	0	0	1		
4791	2015	A search for high-mass resonances decaying to $\tilde{l}_\mu + \tilde{l}^{**}$ in pp collisions at $\hat{s}$ =8 TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2015	7	2	3	1	0	2		
4792	2015	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\hat{s}$ = 8 TeV	10298479	Journal of High Energy Physics	2015	7	11	11	10	8	7		
4793	2015	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at s=8TeV	14346044	European Physical Journal C	75	7	6	5	8	7	6		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4794	2015	Synthesis of PR-/RP-chain-based compliant mechanisms - Design of applications exploiting fibre reinforced material characteristics	21919151	Mechanical Sciences	6	2	0	0	0	0	0
4795	2015	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	14346044	European Physical Journal C	75	7	5	8	6	2	3
4796	2015	Adaptive charged system search approach to path planning for multiple mobile robots	24058963	IFAC Papersonline	28	10	2	2	1	0	0
4797	2015	Determination of poisson's ratio of a low carbon steel in different plastic state of deformation using a microstructural method	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	16	3	1	0	0	0	0
4798	2015	Preparation and characterization of cobalt oxides nanoparticles starting from Co(II) carboxylate precursors	14544164	Journal of Optoelectronics and Advanced Materials	17	07-Aug	0	1	0	0	1
4799	2015	In situ variable temperature X-ray diffraction studies on Fe doped CuGaO2 with applications in p-type dye sensitized solar cell	14544164	Journal of Optoelectronics and Advanced Materials	17	07-Aug	0	0	0	0	1
4800	2015	Preparation and characterization of the thermoelectric material Zn4Sb3	14544164	Journal of Optoelectronics and Advanced Materials	17	07-Aug	0	0	0	0	0
4801	2015	Novel design solutions for fishing reel mechanisms	10009345	Chinese Journal of Mechanical Engineering English Edition	28	4	0	1	0	0	1
4802	2015	Study concerning the NOx generated by the urban traffic, district heating and individual heating systems from downtown Timisoara	347752	Revista De Chimie	66	7	0	0	0	0	0
4803	2015	Thermographic investigation of ergonomic medical posture in dentistry	347752	Revista De Chimie	66	7	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4804	2015	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s} = 7$ TeV in the ATLAS detector	10298479	Journal of High Energy Physics	2015	6	3	3	4	2	1
4805	2015	Battery management system test platform developed for electric vehicle applications		Wisp 2015 IEEE International Symposium on Intelligent Signal Processing Proceedings			0	2	3	1	0
4806	2015	General slot stealing TDMA scheme to improve the low channel utilization factor		Wisp 2015 IEEE International Symposium on Intelligent Signal Processing Proceedings			0	0	0	1	0
4807	2015	Viscosity and fragility of the supercooled liquids and melts from the Fe-Co-B-Si-Nb and Fe-Mo-P-C-B-Si glass-forming alloy systems	9669795	Intermetallics	66		2	2	3	5	2
4808	2015	Numerical evaluation of two-dimensional micromechanical structures of anisotropic cellular materials: case study for polyurethane rigid foams	10261265	Iranian Polymer Journal English Edition	24	6	1	1	2	3	2
4809	2015	Control of wind power systems imposing the current in the intermediate circuit of the converter at variable wind speed		2015 9th International Symposium on Advanced Topics in Electrical Engineering Atee 2015			0	0	0	0	1
4810	2015	Wind system with storage in electrical accumulators		2015 9th International Symposium on Advanced Topics in Electrical Engineering Atee 2015			0	0	0	0	0
4811	2015	Increase of stability of oleate hydratase by appropriate immobilization technique and conditions	13811177	Journal of Molecular Catalysis B Enzymatic	119		1	3	3	3	4
4812	2015	Search for vectorlike B quarks in events with one isolated lepton, missing transverse momentum, and jets at $\sqrt{s} = 8$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	91	11	1	2	3	1	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4824	2015	Structural aspects of elasto-plastic deformation of a Zr-based bulk metallic glass under uniaxial compression	13596454	Acta Materialia	95		4	4	1	2	2
4825	2015	Instrumental analysis of potential lovastatin - excipient interactions in preformulation studies	347752	Revista De Chimie	66	6	0	0	0	1	0
4826	2015	Enzymatic modification of different lignins through oxidative coupling with hydrophilic compounds	10221360	Macromolecular Symposia	352	1	0	3	1	1	0
4827	2015	Corrosion protection efficiency of bilayer porphyrin-polyaniline film deposited on carbon steel	10221360	Macromolecular Symposia	352	1	1	0	2	3	0
4828	2015	Polymerization kinetic analysis of some glycerol and glucose based polymers	10221360	Macromolecular Symposia	352	1	1	0	0	0	0
4829	2015	Crystallization Kinetics of Fe _{76.5} Si _{3.3} B _{5.5} P _{8.7} Cu _x (x = 0, 0.5, and 1 at. pct) Bulk Amorphous Alloy	10735623	Metallurgical and Materials Transactions A Physical Metallurgy and Materials Science	46	6	0	2	2	0	0
4830	2015	On a new chaotic system	1704214	Mathematical Methods in the Applied Sciences	38	8	0	0	0	0	1
4831	2015	Measurement of three-jet production cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector	14346044	European Physical Journal C	75	5	1	4	1	2	2
4832	2015	Synthesis and magnetic properties of Co _{1-x} Zn _x Fe ₂ O ₄ (x=0-1) nanopowders by thermal decomposition of Co(II), Zn(II) and Fe(III) carboxylates	3048853	Journal of Magnetism and Magnetic Materials	393		4	1	1	3	4
4833	2015	Deformation behavior of metallic glass composites reinforced with shape memory nanowires studied via molecular dynamics simulations	36951	Applied Physics Letters	106	21	4	6	10	8	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4834	2015	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	11266708	Journal of High Energy Physics	2015	5	1	0	1	1	1	
4835	2015	Controlled information destruction: the final frontier in preserving information security for every organisation	17517575	Enterprise Information Systems	9	4	0	0	0	0	0	
4836	2015	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS Experiments	319007	Physical Review Letters	114	19	97	78	55	55	39	
4837	2015	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector	14346044	European Physical Journal C	75	5	4	4	3	3	1	
4838	2015	Search for a CP-odd Higgs boson decaying to Zh in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	744		10	6	7	4	4	
4839	2015	A DFT study on the stability and aromaticity of heterobenzenes containing group 15 elements	10427163	Heteroatom Chemistry	26	3	0	8	3	4	3	
4840	2015	Analysis MATHLAB / SIMULINK of a PV system used for water pumping	18446035	Journal of Electrical and Electronics Engineering	8	1	0	0	0	1	0	
4841	2015	Modelling of thermal desorption of volatile organic compounds from activated carbon	347752	Revista De Chimie	66	5	0	0	0	1	0	
4842	2015	Studies concerning the immobilisation and stabilization of the mining landfills	347752	Revista De Chimie	66	5	0	1	1	1	0	
4843	2015	Study regarding the behaviour of encapsulated piroxicam in liquid media	347752	Revista De Chimie	66	5	0	0	0	0	0	
4844	2015	Theoretical study regarding the reactivity of 5-nitrofur-2-carboxaldehyde thiosemicarbazone	347752	Revista De Chimie	66	5	1	0	0	0	0	
4845	2015	Investigation of the cyclic inelastic capacity of steel beams through the use of the plastic collapse mechanism	1570761X	Bulletin of Earthquake Engineering	13	5	0	2	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4846	2015	Highly magnetic Fe ₂ O ₃ nanoparticles synthesized by laser pyrolysis used for biological and heat transfer applications	1694332	Applied Surface Science	336		2	8	7	5	4
4847	2015	Basics for hydraulic modelling of flood runoff using advanced hydroinformatic tools		Extreme Weather and Impacts of Climate Change on Water Resources in the Dobrogea Region			1	0	0	0	0
4848	2015	Energy harvesting and energy conversion devices using thermoelectric materials		Innovative Materials and Systems for Energy Harvesting Applications			0	0	0	0	0
4849	2015	Observation of top-quark pair production in association with a photon and measurement of the $t\bar{t}\gamma$ production cross section in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	91	7	3	3	3	4	3
4850	2015	Hardness of thermal sprayed coatings: Relevance of the scale of measurement	2578972	Surface and Coatings Technology	268		5	0	2	3	2
4851	2015	Data-based two-degree-of-freedom iterative control approach to constrained non-linear systems	17518644	let Control Theory and Applications	9	7	2	4	0	1	1
4852	2015	Illumination normalization of face image based on illuminant direction estimation and improved Retinex	19326203	Plos One	10	4	2	0	0	0	0
4853	2015	Measurement of Spin Correlation in Top-Antitop Quark Events and Search for Top Squark Pair Production in pp Collisions at $\sqrt{s}=8$ TeV Using the ATLAS Detector	319007	Physical Review Letters	114	14	2	3	3	3	5
4854	2015	Symmetries of some classes of dynamical systems	14029251	Journal of Nonlinear Mathematical Physics	22	2	0	1	2	0	0
4855	2015	Ultrasonic cavitation erosion of a duplex treated 16MnCr5 steel	18625282	International Journal of Materials Research	106	4	2	4	2	2	0
4856	2015	Critical flow regions in the coronary by-pass graft anastomosis	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	16	2	0	0	1	0	0
4857	2015	Comparative study of teophylline - Active substance and commercial drug - Using the physico-chemical methods	347752	Revista De Chimie	66	4	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4858	2015	Isolation and separation of inulin from phalaris arundinacea roots	347752	Revista De Chimie	66	4	3	2	3	3	1	
4859	2015	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2015	4	4	0	1	2	2	
4860	2015	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector	11266708	Journal of High Energy Physics	2015	4	6	10	5	5	9	
4861	2015	Asymmetric calixarene derivatives as potential hosts in chiral recognition processes	334545	Pure and Applied Chemistry	87	4	2	3	1	1	0	
4862	2015	Stable fuzzy logic control of a general class of chaotic systems	9410643	Neural Computing and Applications	26	3	11	43	46	11	3	
4863	2015	Friction Riveting (FricRiveting) as a new joining technique in GFRP lightweight bridge construction	9500618	Construction and Building Materials	80		10	6	5	6	9	
4864	2015	Synthesis, characterization and thermoreactivity of some methylcellulose-zinc composites	13886150	Journal of Thermal Analysis and Calorimetry	120	1	0	0	1	1	3	
4865	2015	Search for Higgs and Z Boson Decays to J/ψ and $(nS)\psi$ with the ATLAS Detector	319007	Physical Review Letters	114	12	1	9	5	7	4	
4866	2015	Development of some fuzzy controllers with non-homogenous dynamics with respect to the input channels meant for a class of systems		European Control Conference Ecc 1999 Conference Proceedings			1	1	2	0	1	
4867	2015	Speed control of electrical drives, based upon fuzzy logic - A synthesis		European Control Conference Ecc 1999 Conference Proceedings			0	0	0	0	0	
4868	2015	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow t' \bar{t}, \bar{t} t$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector	10298479	Journal of High Energy Physics	2015	3	12	9	5	3	5	
4869	2015	Image compression techniques using Local Binary Pattern		Sami 2015 IEEE 13th International Symposium on Applied Machine Intelligence and Informatics Proceedings			0	2	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4870	2015	Software and hardware equipment power quality monitoring inside a transelectrica high voltage power station		Sami 2015 IEEE 13th International Symposium on Applied Machine Intelligence and Informatics Proceedings			1	0	1	0	0		
4871	2015	Fuzzy logic controller for permanent magnet synchronous machines		Sami 2015 IEEE 13th International Symposium on Applied Machine Intelligence and Informatics Proceedings			0	0	2	1	0		
4872	2015	Impact of Fe doping on performances of CuGaO2 p-type dye-sensitized solar cells	0167577X	Materials Letters	143		2	1	6	4	3		
4873	2015	The influence of chemical composition upon the hardness of brake shoes meant for rolling stock	0094243X	Aip Conference Proceedings	1648		0	0	0	0	0		
4874	2015	Thermal optimization of steel at continuous casting	0094243X	Aip Conference Proceedings	1648		0	0	0	0	0		
4875	2015	Reconstruction of perturbed pressure field in a hydraulic turbine by reduced order modeling techniques	0094243X	Aip Conference Proceedings	1648		0	0	1	0	0		
4876	2015	Software for the occupational health and safety integrated management system	0094243X	Aip Conference Proceedings	1648		1	0	0	0	0		
4877	2015	Mathematical support for three-dimensional transformation points from geocentric reference system in local reference system	0094243X	Aip Conference Proceedings	1648		0	0	1	0	0		
4878	2015	Mathematic interpolation methods - Support for an efficient 3D modeling of landslides in the context of displacements monitoring	0094243X	Aip Conference Proceedings	1648		0	0	0	0	0		
4879	2015	On some interpolation properties in locally convex spaces	0094243X	Aip Conference Proceedings	1648		0	0	0	0	0		
4880	2015	Mathematical cartography based on georeferencing maps	0094243X	Aip Conference Proceedings	1648		0	0	0	0	0		
4881	2015	Adjustment of time-series using the modified exponential for turnover forecast	0094243X	Aip Conference Proceedings	1648		0	0	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4882	2015	Search for new phenomena in the dijet mass distribution using pp collision data at $\sqrt{s}=8$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	91	5	9	1	4	8	6
4883	2015	Simultaneous measurements of the $t\bar{t}\gamma$, $W+W-$, and $Z/\gamma^*\gamma$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	91	5	0	0	2	1	1
4884	2015	Some operatorial properties of the generalized hypergeometric coherent states	318949	Physica Scripta	90	3	0	4	3	2	0
4885	2015	Alterations in subchondral bone plate, trabecular bone and articular cartilage properties of rabbit femoral condyles at 4 weeks after anterior cruciate ligament transection	10634584	Osteoarthritis and Cartilage	23	3	7	10	6	3	0
4886	2015	Experimental compression tests on orthopedic bone cement used in total hip replacement	255289	Materiale Plastice	52	1	0	0	0	2	0
4887	2015	Solution combustion synthesis of bluish-green BaAl ₂ O ₄ : Eu ²⁺ , Dy ³⁺ phosphors	2728842	Ceramics International	41	2	0	2	3	2	1
4888	2015	Search for Higgs Boson Pair Production in the $\tau^+\tau^-b\bar{b}$ Final State Using pp Collision Data at $\sqrt{s}=8$ TeV from the ATLAS Detector	319007	Physical Review Letters	114	8	5	5	1	3	2
4889	2015	Measurements of the Nuclear Modification Factor for Jets in Pb+Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector	319007	Physical Review Letters	114	7	10	11	12	14	12
4890	2015	Arduino and LabVIEW in educational remote monitoring applications	15394565	Proceedings Frontiers in Education Conference Fie	2015-Feb	February	1	0	2	1	0
4891	2015	Measurement of the transverse polarization of Λ and Λ^0 hyperons produced in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	91	3	3	2	1	3	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4892	2015	Magnetic microgels, a promising candidate for enhanced magnetic adsorbent particles in bioseparation: Synthesis, physicochemical characterization, and separation performance	1744683X	Soft Matter	11	5	6	6	3	3	0
4893	2015	A review of ensemble methods for de novo motif discovery in ChIP-Seq data	14675463	Briefings in Bioinformatics	16	6	3	4	3	0	1
4894	2015	NSGA-II: Implementation and performance metrics extraction for CPU and GPU		Proceedings 16th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2014			0	0	0	0	0
4895	2015	Performance evaluation of fuzzy automata using VHDL simulation		Proceedings 16th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2014			0	0	0	0	0
4896	2015	Optimal homotopy asymptotic method for viscous boundary layer flow in unbounded domain		Proceedings 16th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2014			1	1	0	0	0
4897	2015	How good is genetic programming at predicting changes and defects?		Proceedings 16th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2014			2	0	2	0	0
4898	2015	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 fb ⁻¹ of data with the ATLAS detector	11266708	Journal of High Energy Physics	2015	2	5	5	6	7	5
4899	2015	Temperature-dependent transformation of biogas-producing microbial communities points to the increased importance of hydrogenotrophic methanogenesis under thermophilic operation	9608524	Bioresource Technology	177		10	14	4	10	9
4900	2015	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	91	1	3	1	3	1	2
4901	2015	Positive reduction from spectra	243795	Linear Algebra and Its Applications	469		0	2	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4902	2015	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ Tev	10298479	Journal of High Energy Physics	2015	1	2	1	0	0	0
4903	2015	The performance of the Daubechies mother wavelets on ECG compression		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			2	0	0	0	1
4904	2015	Dynamic textures classification in multimedia databases		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			1	0	0	0	0
4905	2015	A method for building the range-Doppler map for multiple automotive radar targets		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			6	1	0	1	0
4906	2015	Wavelet based contrast enhancement for still images		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0
4907	2015	Development of an electronic game based on bluetooth communication		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			1	0	0	0	0
4908	2015	Creation of the chips placement game with backtracking method in borland pascal		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0
4909	2015	The improvement of the robust exemplar-based inpainting algorithm for SONAR images		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	1	0	1	0
4910	2015	Performances of the planar ferrite phase shifters based on microwave garnets		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			1	0	0	0	2
4911	2015	A study over the importance of arterial phase temporal parameters in focal liver lesions CEUS based diagnosis		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			2	0	4	1	1
4912	2015	Iterative sine-wave frequency estimation by generalized fourier interpolation algorithms		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			1	1	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4913	2015	An automatically crown-trunk segmentation in tree drawing test		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			1	0	0	0	1		
4914	2015	Application of a 2D electromagnetic band-gap structure with metal inclusions to signal integrity issues		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0		
4915	2015	Economics of a small-scale, grid-connected PV system in western Romania: An LCoE analysis		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	1	0		
4916	2015	Stability and bifurcation aspects in charge controlled DC-DC converters		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0		
4917	2015	A new digital image resizing method based on wavelets		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	1	0	0	0		
4918	2015	Improving the channel estimation accuracy for orthogonal modulation communication systems using denoising		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	1	1		
4919	2015	Cellular neural networks assisted automatic detection of elements in microscopic medical images. A preliminary study		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	1	0		
4920	2015	Wrist pulse monitoring by electrical impedance using a 3D model of the arm		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	2	0	0	0		
4921	2015	Implementing and securing a hybrid cloud for a healthcare information system		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	1	1	2	0		
4922	2015	A new quadratic buck converter		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	3	1	0	2		
4923	2015	A method to determine the extrinsic parameter of laser triangulation sensors, with restricted mobility		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4924	2015	Turbo codes performance on Rice flat fading environment		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0
4925	2015	Waveguide digital phase shifters filled with TT1 to TT86 ferrites for UHF and SHF radio bands-Parameter optimization		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	1
4926	2015	Learning communities in smart cities. Case studies		2014 International Conference on Web and Open Access to Learning Icwoal 2014			2	0	2	3	2
4927	2015	OERs and MOOCs - The Romanian experience		2014 International Conference on Web and Open Access to Learning Icwoal 2014			2	0	1	0	0
4928	2015	Synthesis and degradation of Schiff bases containing heterocyclic pharmacophore	16616596	International Journal of Molecular Sciences	16	1	3	3	2	2	5
4929	2015	Measurement of the $t\bar{t}\gamma$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector	11266708	Journal of High Energy Physics	2015	1	0	0	0	1	0
4930	2015	Cost effective FPGA probabilistic fault emulation		Norchip 2014 32nd Norchip Conference the Nordic Microelectronics Event			1	0	0	0	0
4931	2015	General classification of robots. Size criteria		23rd International Conference on Robotics in Alpe Adria Danube Region IEEE Raad 2014 Conference Proceedings			0	1	4	3	1
4932	2015	Search for $H\bar{t}t\gamma$ produced in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	740		1	2	0	2	0
4933	2015	Search for the X_b and other hidden-beauty states in the $\bar{t}\bar{t}\gamma(1S)$ channel at ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	740		2	1	0	4	4
4934	2015	Search for s-channel single top-quark production in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	740		1	0	0	2	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4935	2015	Variable speed generators, second edition		Variable Speed Generators Second Edition			0	0	0	0	1	
4936	2015	Synchronous generators, second edition		Synchronous Generators Second Edition			1	0	0	1	0	
4937	2015	Failure and Damage in Cellular Materials	2541971	CISM International Centre for Mechanical Sciences Courses and Lectures	560		4	1	2	1	1	
4938	2015	Ecological restoration activities for long-term preservation of the alpine and sub-alpine habitats in the Retezat National Park	15894673	Journal of Landscape Ecology	13	1	0	1	0	0	0	
4939	2015	SUSTAINABILITY ANALYSIS OF EXISTING AND PREFABRICATED SOLUTIONS FOR APARTMENT EXTENSIONS IN THE CASE OF LARGE PREFABRICATED REINFORCED CONCRETE BLOCKS OF FLATS	23929537	Procedia Environmental Science Engineering and Management	2	2	0	0	0	0	0	
4940	2015	Testing the haptic exoskeleton actuators in a virtual environment		2015 Iftomm World Congress Proceedings Iftomm 2015			0	0	0	0	0	
4941	2015	Image processing and artificial neural network for cam identification		2015 Iftomm World Congress Proceedings Iftomm 2015			0	0	0	0	0	
4942	2015	Attributive criteria for wage premiums: An experimental study on distributive justice	12248398	Cognition Brain Behavior	19	3	0	0	0	0	0	
4943	2015	Microstructure of the pulsed mig / mag welded joints from duplex stainless steel X2CrNiMoN 22-5-3		Metal 2015 24th International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0	
4944	2015	Investigations regarding the cavitation erosion resistance of the al2o330(ni 20al) laser depositions on the 17-4 pH stainless steels		Metal 2015 24th International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0	
4945	2015	3D MODELS FOR A SUSTAINABLE DEVELOPMENT OF CULTURAL HERITAGE	23929537	Procedia Environmental Science Engineering and Management	2	2	0	0	1	0	0	
4946	2015	An agile approach for designing marketing activities	20488963	Proceedings of the European Conference on Knowledge Management Eckm	0		0	0	0	0	1	
4947	2015	Customer value placed under scrutiny: New perspectives for an integrative co-creation approach	20491050	Proceedings of the European Conference on Innovation and Entrepreneurship Ecie	2015-January		0	0	1	1	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4948	2015	On the kinematic analysis of the fourth class mechanisms		2015 Iftomm World Congress Proceedings Iftomm 2015			0	1	0	0	0	
4949	2015	Separation of AsV from aqueous solutions using chelating polymers containing FeIII-loaded phosphorus groups	23915420	Open Chemistry	13	1	2	1	0	0	0	
4950	2015	Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing	23915420	Open Chemistry	13	1	0	4	0	2	2	
4951	2015	Kinematics of the planar parallel manipulator using geared linkages with linear actuation as kinematic chains 3-R(RPRGR)RR		2015 Iftomm World Congress Proceedings Iftomm 2015			1	2	1	0	1	
4952	2015	Integral inequalities on time scales via isotonic linear functionals	1312885X	Applied Mathematical Sciences	9	134	0	0	0	0	0	
4953	2015	Search for a Charged Higgs Boson Produced in the Vector-Boson Fusion Mode with Decay $H\pm\rightarrow W\pm Z$ using pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Experiment	319007	Physical Review Letters	114	23	10	5	5	7	2	
4954	2015	Signal integrity applications of an EBG surface	15827445	Advances in Electrical and Computer Engineering	15	2	0	0	1	0	0	
4955	2015	Robotic arm control algorithm based on stereo vision using roboreal vision	15827445	Advances in Electrical and Computer Engineering	15	2	2	3	0	1	0	
4956	2015	Search for Scalar Charm Quark Pair Production in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector	319007	Physical Review Letters	114	16	0	2	0	1	1	
4957	2015	Helical type coronary bypass graft performance: Experimental investigations	9592989	Bio Medical Materials and Engineering	26		0	0	0	3	1	
4958	2015	High efficiency three-phase interleaved buck-Type PFC rectifier concepts		IECON 2015 41st Annual Conference of the IEEE Industrial Electronics Society			1	1	1	2	3	
4959	2015	Atomic decompositions for operators in reproducing kernel hilbert spaces	15823067	Mathematical Reports	17	3	3	6	1	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
4960	2015	NOx emission reduction from Romania power plants - Still an actual necessity	13115065	Journal of Environmental Protection and Ecology	16	4	0	0	0	0	0	
4961	2015	Greenhouse gases emissions forecasts for different climate change policy portfolios. Romanian case study	13115065	Journal of Environmental Protection and Ecology	16	4	2	0	0	0	0	
4962	2015	Smartness of learning ecosystems and its bottom-up emergence in six european campuses	18269745	Interaction Design and Architecture S	27	1	1	2	1	1	3	
4963	2015	Modeling Design Flaw Evolution Using Complex Systems		Proceedings 17th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2015			0	0	0	0	0	
4964	2015	Technical solutions to increase the durability of paving on roads and sidewalks	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	6	0	0	0	0	0	
4965	2015	Seismic rehabilitation of a historic building with masonry –wooden structure	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	6	0	0	0	0	0	
4966	2015	A control-aware QoS adaptation co-design method for networked control systems	12201766	Studies in Informatics and Control	24	1	0	0	0	0	0	
4967	2015	Key Metrics and Key Drivers in the Valuation of Public Enterprise Resource Planning Companies	18770509	Procedia Computer Science	64		1	1	0	0	0	
4968	2015	Selectivity of lipases for estolides synthesis	334545	Pure and Applied Chemistry	87	1	2	3	3	3	4	
4969	2015	New salicilic acid-based azo dyes: Synthesis, characterization and colour properties	347752	Revista De Chimie	66	12	1	0	0	0	0	
4970	2015	A unified anti-windup technique for fuzzy and sliding mode controllers	18419836	International Journal of Computers Communications and Control	10	6	1	1	1	0	0	
4971	2015	Comparisons between 2D and 3D uniform array antennas		Proceedings of the 2015 Federated Conference on Computer Science and Information Systems Fedcsis 2015			2	3	2	2	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4972	2015	Robotic arm detection in space with image recognition made in linux with the Hough ircles method		Proceedings of the 2015 Federated Conference on Computer Science and Information Systems Fedcsis 2015			1	0	0	0	0
4973	2015	The optical properties of crystalline Zn3Nb2O8 nanomaterials obtained by hydrothermal method	20909063	Journal of Chemistry	2015		1	0	0	1	0
4974	2015	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\hat{s}s = 8\text{TeV}$ pp collisions with the ATLAS detector	14346044	European Physical Journal C	75	7	0	1	1	1	0
4975	2015	Clinical important hemodynamic characteristics for serial stenosed coronary artery	17557437	International Journal of Design and Nature and Ecodynamics	10	2	0	0	0	1	0
4976	2015	Synergy of computers, cognition, communication and control with industrial applications	1663615	Computers in Industry	74		1	0	0	1	0
4977	2015	Optimal behaviour prediction using a primitive-based data-driven model-free iterative learning control approach	1663615	Computers in Industry	74		2	2	1	3	1
4978	2015	Wind turbine emulator development using NI CRIO9068 and ABB ACS 800 drive	15824594	Journal of Electrical Engineering	15	3	0	0	0	0	0
4979	2015	Search for resonant diboson production in the $l\bar{l}q\bar{q}$, final state in pp collisions at $\hat{s}s = 8\text{ TeV}$ with the ATLAS detector	14346044	European Physical Journal C	75	2	1	1	1	1	0
4980	2015	Achieving sustainable development by integrating it into the business process management system	18650929	Communications in Computer and Information Science	543		1	1	0	1	1
4981	2015	A new single active switch quadratic buck converter	19746059	International Review of Automatic Control	8	5	0	2	0	1	1
4982	2015	The value of video lectures in the classroom-UPT study case	18650929	Communications in Computer and Information Science	538		0	0	0	0	0
4983	2015	CVLA: Integrating multiple analytics techniques in a custom moodle report	18650929	Communications in Computer and Information Science	538		1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
4984	2015	An ontology oriented approach for e-learning objects design and improvement	18650929	Communications in Computer and Information Science	538		0	0	1	0	0
4985	2015	Collagen / bioactive glass ceramic / doxycycline composites for bone defects	15833186	Revista Romana De Materiale Romanian Journal of Materials	45	4	1	1	0	1	1
4986	2015	Koiter asymptotic analysis of thin-walled cold-formed steel members	18984088	Acta Mechanica Et Automatica	9	4	1	0	0	0	1
4987	2015	Models for force control in telesurgical robot systems	17858860	Acta Polytechnica Hungarica	12	8	20	12	6	4	2
4988	2015	Real-time monitoring using finite state-machine algorithms	18678211	Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering Lnicst	150		0	0	0	0	0
4989	2015	Performance Assessment of a Ground-coupled Heat Pump for an Office Room Heating using Radiator or Radiant Floor Heating Systems	18777058	Procedia Engineering	118		4	2	3	2	4
4990	2015	An adapted Coffey model for studying susceptibility losses in interacting magnetic nanoparticles	21904286	Beilstein Journal of Nanotechnology	6	1	3	3	1	0	1
4991	2015	Limits of the discrete fourier transform in exact identifying of the vibrations frequency	15847284	Romanian Journal of Acoustics and Vibration	12	1	1	2	0	3	1
4992	2015	Finite element analysis of thin plates clamped on the rim of different geometric forms. Part I: Simulating the vibration mode shapes and natural frequencies	15847284	Romanian Journal of Acoustics and Vibration	12	1	1	2	1	0	0
4993	2015	Finite element analysis of thin plates clamped on the rim of different geometric forms. Part II: The absolute and relative variation of natural frequencies	15847284	Romanian Journal of Acoustics and Vibration	12	1	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
4994	2015	Analysis of Cloud Computing in the Romanian banking system for the strategy development following the economic and financial crisis		Proceedings of the 25th International Business Information Management Association Conference Innovation Vision 2020 from Regional Development Sustainability to Global Economic Growth Ibima 2015			0	0	0	0	0		
4995	2015	The role of accounting information for a sustainable development within farming entities in Romania case study banat Region		Proceedings of the 25th International Business Information Management Association Conference Innovation Vision 2020 from Regional Development Sustainability to Global Economic Growth Ibima 2015			0	0	0	1	0		
4996	2015	Strategic social entrepreneurship between public and corporate management in the context of former Romanian mining Colonies		Proceedings of the 25th International Business Information Management Association Conference Innovation Vision 2020 from Regional Development Sustainability to Global Economic Growth Ibima 2015			1	0	0	0	0		
4997	2015	From theory to practice: Evolution of sustainable development in organizations		Proceedings of the 25th International Business Information Management Association Conference Innovation Vision 2020 from Regional Development Sustainability to Global Economic Growth Ibima 2015			0	0	0	0	0		
4998	2015	On Some Properties and Symmetries of the 5-Dimensional Lorenz System	1024123X	Mathematical Problems in Engineering	2015		0	0	2	0	0		
4999	2015	Non-destructive vibration tests on reinforced concrete structures	10139826	Key Engineering Materials	660		0	0	0	0	0		
5000	2015	Thermal studies of specific envelope solutions for an energy efficient building	10139826	Key Engineering Materials	660		0	0	0	0	0		
5001	2015	Carbon fiber strips retrofitting system for precast reinforced concrete wall panel	10139826	Key Engineering Materials	660		1	0	0	0	0		
5002	2015	Strengthening of masonry walls using fiber reinforced polymer (FRP) materials	10139826	Key Engineering Materials	660		0	0	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5003	2015	Study concerning the thermal insulation panels with double-side anti-condensation foil on the exterior and polyurethane foam or polyisocyanurate on the interior	10139826	Key Engineering Materials	660		2	0	0	0	1
5004	2015	Tetracycline Loaded Collagen/Hydroxyapatite Composite Materials for Biomedical Applications	16874110	Journal of Nanomaterials	2015		1	3	2	0	4
5005	2015	Compliant solutions for a technological rehabilitation and functional efficiency of an irrigation system	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	5	0	0	0	1	0
5006	2015	Efficiency assessment of ground-source heat pumps in comparison with classical heating syastem	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	4	1	0	2	0	1
5007	2015	Operational study of a frequency converter with a control sequence, utilizing Xilinx software	17858860	Acta Polytechnica Hungarica	12	6	0	2	1	0	0
5008	2015	High strengths mortars realized through silica fume recycling	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	4	0	0	0	0	0
5009	2015	Comparison between limestone filler and recycled concrete finest properties	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	4	0	0	0	0	0
5010	2015	Environment protecting by permanent monitoring of salt mines	13115065	Journal of Environmental Protection and Ecology	16	3	0	0	0	0	0
5011	2015	Studies regarding the heavy metals pollution of streams and rivers in Rosia Montana Area, Romania	13115065	Journal of Environmental Protection and Ecology	16	3	2	1	0	0	0
5012	2015	Green energy in Romania. Status and trends	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	4	1	0	0	0	0
5013	2015	On some dilation theorems for positive definite operator valued functions	393223	Studia Mathematica	228	2	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5014	2015	Sediment transport model of irrigation channel Aranca, Romania	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	3	0	1	0	0	0
5015	2015	The future of conventional resources of Romania used in energy production	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	3	5	1	0	0	0	0
5016	2015	An efficient solution for road steel truss girder welded bridges	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	3	5	0	1	0	0	0
5017	2015	Digital terrain model - basic element for the construction of a hydrodynamic river model using advanced hydroinformatic tools	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	3	0	0	0	1	1
5018	2015	The eutrophication evolution of the accumulations from hydrographic upper barzava basin	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	3	0	0	0	0	1
5019	2015	Architectural and touristic potential of Timisoara, Romania highlighted by webgis solutions	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	2	0	0	0	0	0
5020	2015	A study about new cadastral legislative provisions in Romania correlated with cadastre 2034	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	2	0	0	1	0	0
5021	2015	Experimental research on the behavior of the foundation cushions reinforced with geosynthetic materials undergoing static vertical loads	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	1	0	0	0	0	0
5022	2015	Aspects about green management of urban areas in Romania	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	2	0	1	1	0	0
5023	2015	Fly ashes deposited as a dense fluid – Physical and mechanical characteristics	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	1	0	0	0	0	0
5024	2015	An approach for image processing and advantages of using in GIS	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	2	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5025	2015	Workflow optimization of immovableâ€™s registration in Romanian cadastral system	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	2	0	0	0	0	1
5026	2015	Case studies concerning the impact of the foundation ground upon the distress and deterioration of roads in the Banat plain area	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	1	0	0	0	0	0
5027	2015	Processing of environmental data using digital terrain models for the western part of Romania	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	2	0	0	0	0	1
5028	2015	3D laser scanning - modern technology for geospatial data acquisition in context of urban development	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	2	0	0	0	0	0
5029	2015	Proposals concerning the improvement of the present conception of rain water drainage in villages	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	1	0	0	0	0	0
5030	2015	Evaluation of specific process parameters and ultrasonically activated injection affecting the quality of filling in thin walled plastic parts	14292955	Journal of Theoretical and Applied Mechanics Poland	53	4	0	1	0	0	0
5031	2015	Finite Element Modelling of the Progressive Damage and Failure of Thermoplastic Polymers in Puncture Impact	18777058	Procedia Engineering	109		3	1	1	1	2
5032	2015	Adsorption of an Azo dye on polyaniline/niobium substrate	14523981	International Journal of Electrochemical Science	10	9	1	0	0	1	1
5033	2015	Innovative composite overpasses on the Romanian a1 motorway		Economical Bridge Solutions Based on Innovative Composite Dowels and Integrated Abutments Ecobridge			0	0	0	0	0
5034	2015	Composite Scaffolds Based on Silver Nanoparticles for Biomedical Applications	16874110	Journal of Nanomaterials	2015		4	2	5	3	3
5035	2015	Pong game on an FPGA development board using a computer screen as display	9729038	International Journal of Computer Science and Applications	12	2	0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5036	2015	A hyperanalytic wavelet based denoising technique for ultrasound images	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	9043		0	2	1	0	1
5037	2015	The study of infrared spectrum of chitin and chitosan extract as potential sources of biomass	18423582	Digest Journal of Nanomaterials and Biostructures	10	4	15	22	14	12	10
5038	2015	Geared linkages with linear actuation used as kinematic chains of a planar parallel manipulator	22110984	Mechanisms and Machine Science	31		1	3	3	0	1
5039	2015	The optimal homotopy asymptotic method: Engineering applications		Optimal Homotopy Asymptotic Method Engineering Applications			7	9	5	13	8
5040	2015	Steering and non-steering crawling tetrahedral micro-mechanisms	22110984	Mechanisms and Machine Science	30		0	0	0	0	0
5041	2015	Implementation of evolving fuzzy models of a nonlinear process		Icinco 2015 12th International Conference on Informatics in Control Automation and Robotics Proceedings	1		0	0	0	0	0
5042	2015	Nondestructive evaluation of piers	0277786X	Proceedings of SPIE the International Society for Optical Engineering	9438		1	0	0	0	1
5043	2015	Highlight image filter significantly improves optical character recognition on text images		Emerging Trends in Image Processing Computer Vision and Pattern Recognition			0	0	0	0	1
5044	2015	Employment policies for a green economy at the European Union level	20711050	Sustainability Switzerland	7	7	4	6	7	3	5
5045	2015	Axiomatic design functional independence concept applied in concept solution selection	15837904	Academic Journal of Manufacturing Engineering	13	2	0	0	0	0	0
5046	2015	Preparation, characterization and adsorption properties of MFe2O4 (M = Ni, Co, Cu) nanopowders	15829596	Environmental Engineering and Management Journal	14	6	0	1	0	0	1
5047	2015	Comparative characteristics of some polymeric materials impregnated with ionic liquid for the removal of Radionuclides	15829596	Environmental Engineering and Management Journal	14	6	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5048	2015	Diclofenac removal from aqueous solutions by electrooxidation at boron-doped diamond (BDD) electrode	15829596	Environmental Engineering and Management Journal	14	6	0	1	0	1	0
5049	2015	Assessment of electrocoagulation process for drinking water treatment	15829596	Environmental Engineering and Management Journal	14	6	0	0	1	0	0
5050	2015	Comparative photocatalytic performances of undoped/n-doped TiO ₂ under solar irradiation for a reactive yellow 125 AZO reactive dye degradation from water	15829596	Environmental Engineering and Management Journal	14	6	1	2	0	0	0
5051	2015	Social network analysis on educational data set in RDF format	13301136	Journal of Computing and Information Technology	23	3	1	0	1	0	0
5052	2015	How to foster presumption for value co-creation? The open government development plan	20491034	Proceedings of the European Conference on E Government Eceg	2015-January		2	1	0	0	0
5053	2015	An analysis of a hard real-time execution environment extension for freeRTOS	15827445	Advances in Electrical and Computer Engineering	15	3	1	0	0	0	3
5054	2015	Modeling of human spinal column and simulation of spinal deformities	13921207	Mechanika	21	3	0	0	1	0	1
5055	2015	Functional performance testing of the universal super absorbing air filters FSU 70 "Air by Corneliu"	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	0	0
5056	2015	Video streaming technologies using ActiveX and LabVIEW	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	0	1
5057	2015	Dual stator winding variable speed asynchronous generator: optimal design and experiments	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	1	0
5058	2015	The influence of the cast iron structure upon the hardness of brake shoes meant for the rolling sock	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	0	0
5059	2015	Study regarding the power quality improvement in functioning of nonlinear loads	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	0	0
5060	2015	Laser beam treatment effect on AMPCO M4 bronze cavitation erosion resistance	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	1	4	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5061	2015	Influence of volumic heat treatments upon cavitation erosion resistance of duplex X2CrNiMoN 22-5-3 stainless steels	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	1	1	3
5062	2015	Microcontroller interrupts in frequency controlling	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	0	0
5063	2015	Characterization of the WC coatings deposited by plasma spraying	17578981	Iop Conference Series Materials Science and Engineering	85	1	1	1	0	0	0
5064	2015	Using microcontrollers for orienting a set of mirrors to focus the light beam	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	0	0
5065	2015	Develop virtual joint laboratory for education like distance engineering system for robotic applications	17578981	Iop Conference Series Materials Science and Engineering	85	1	1	0	1	0	0
5066	2015	Determination of reliability for Dacia 1304 1,9 D utility vehicle	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	0	0
5067	2015	Study on sources of charging lead acid batteries	17578981	Iop Conference Series Materials Science and Engineering	85	1	1	0	0	3	2
5068	2015	Using special additions to preparation of the moulding mixture for casting steel parts of drive wheel type	17578981	Iop Conference Series Materials Science and Engineering	85	1	1	0	0	2	0
5069	2015	Analysis the electrical parameters of a high-frequency coreless induction furnace	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	0	0	2	0
5070	2015	Studies about the attempt frequency influence on the effective relaxation time in a system of nanoparticles for magnetic hyperthermia	17578981	Iop Conference Series Materials Science and Engineering	85	1	0	1	0	0	0
5071	2015	Using lateral cores to casting of carbon steel parts, of drive wheel type, in a metallurgical enterprise	17578981	Iop Conference Series Materials Science and Engineering	85	1	1	0	0	1	0
5072	2015	Quantitative relationships for the prediction of the vapor pressure of some hydrocarbons from the van der Waals molecular surface	3525139	Journal of the Serbian Chemical Society	80	5	3	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5073	2015	Allelopathic effects of pteridium aquilinum alcoholic extract on seed germination and seedling growth of poa pratensis	9714693	Allelopathy Journal	35	2	3	2	3	2	0
5074	2015	Sulfidized Fe-C nanocomposite powders produced by one-step laser pyrolysis technique	18426573	Optoelectronics and Advanced Materials Rapid Communications	9	07-Aug	0	0	1	0	0
5075	2015	Improving the performances of asynchronous search algorithms in scale-free networks using the nogood processor technique	13359150	Computing and Informatics	34	1	0	2	1	0	1
5076	2015	Search for a Heavy Neutral Particle Decaying to e^+e^- , $e^+\mu^-$, or $\mu^+\mu^-$, in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector	319007	Physical Review Letters	115	3	2	1	3	2	1
5077	2015	Triphenylphosphine oxide detection in traces using MN(III)-5,10,15,20-tetratolyl-21h,23h porphyrin chloride	18423582	Digest Journal of Nanomaterials and Biostructures	10	3	1	0	0	0	0
5078	2015	Biological assets and the agricultural products in the context of the implementation of the IAS 41: A case study of the Romanian agro-food system	3544664	Archives of Biological Sciences	67	2	8	3	0	1	1
5079	2015	A Cloud Based Real-Time Collaborative Platform for eHealth	9269630	Studies in Health Technology and Informatics	210		1	0	0	1	1
5080	2015	Computational study of the self-assembly of two different cell populations in contact with a biomaterial	9269630	Studies in Health Technology and Informatics	210		0	2	0	0	0
5081	2015	Integrated Wireless Sensor Network for Monitoring Pregnant Women	9269630	Studies in Health Technology and Informatics	210		1	0	1	1	0
5082	2015	Comparing video and avatar technology for a health education application for deaf people	9269630	Studies in Health Technology and Informatics	210		0	2	0	0	0
5083	2015	A high-availability architecture for continuous monitoring of sleep disorders	9269630	Studies in Health Technology and Informatics	210		0	0	1	1	0

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							2020	2021	2022	2023	2024	
5084	2015	Client-side Medical Image Colorization in a Collaborative Environment	9269630	Studies in Health Technology and Informatics	210		0	1	0	0	0	
5085	2015	A Method to Pinpoint Undiscovered Links in Genetic and Protein Networks	9269630	Studies in Health Technology and Informatics	210		1	1	0	0	0	
5086	2015	A Kinect based intelligent e-rehabilitation system in physical therapy	9269630	Studies in Health Technology and Informatics	210		4	4	2	4	6	
5087	2015	Influence of electrochemical treatment over cellular adherence onto the surface of titanium surgical implants	14523981	International Journal of Electrochemical Science	10	7	0	1	1	0	0	
5088	2015	Anodic determination of acetylsalicylic acid at multiwall carbon nanotubes-epoxy composite electrode	14523981	International Journal of Electrochemical Science	10	7	0	0	2	1	0	
5089	2015	A refinement of an inequality for positive operators on pseudo-hilbert spaces	13128876	International Journal of Mathematical Analysis	9	29-32	0	0	0	0	0	
5090	2015	Synthesis, characterization and potential application of Zn3(Ta1-xNbx)2O8 oxides	18423582	Digest Journal of Nanomaterials and Biostructures	10	2	0	0	0	1	0	
5091	2015	Influence of pH and pressure on the microwave-assisted hydrothermal growth of ZnIn2S4	18426573	Optoelectronics and Advanced Materials Rapid Communications	9	03-Apr	0	0	1	0	0	
5092	2015	Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in pp collisions at s =8 TeV	15507998	Physical Review D Particles Fields Gravitation and Cosmology	91	11	3	1	3	1	3	
5093	2015	DFSS in marketing: Designing an innovative value co-creation campaign	14792494	International Journal of Six Sigma and Competitive Advantage	9	1	0	2	0	0	2	
5094	2015	Finding the right needles in hay: Helping program comprehension of large software systems		Enase 2015 Proceedings of the 10th International Conference on Evaluation of Novel Approaches to Software Engineering			0	0	0	1	1	
5095	2015	Hydrodynamic design of a storage pump impeller using inverse method and experimental investigation of the global performances	430978	Wasserwirtschaft	105	1	1	0	0	0	0	
5096	2015	A mathematical model for the swirling flow ingested by the draft tube of Francis turbines	430978	Wasserwirtschaft	105	1	0	0	1	0	0	

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							2020	2021	2022	2023	2024		
5097	2015	Several inequalities for positive operators on hilbert spaces	1312885X	Applied Mathematical Sciences	9	13-16	0	0	0	0	0		
5098	2015	Surface effects in pulsed laser beam irradiated shape memory alloys	14544164	Journal of Optoelectronics and Advanced Materials	17	01-Feb	0	0	0	0	0		
5099	2015	Mobility of Heavy metals from soil in the two species of the aromatic plants	347752	Revista De Chimie	66	3	5	6	3	5	2		
5100	2015	Estimation of global solar irradiation by using takagi-sugeno fuzzy systems	1221146X	Romanian Journal of Physics	60	03-Apr	0	1	1	1	1		
5101	2015	Synthesis of PR/RP-chain based compliant mechanisms: Design of applications exploiting fibre reinforced material characteristics	22110984	Mechanisms and Machine Science	24		1	0	0	0	0		
5102	2015	A drift-free left invariant control system on the lie group SO(3)Ã—R3Ã—R3	1024123X	Mathematical Problems in Engineering	2015		0	0	0	0	0		
5103	2015	Path generating belt mechanisms as kinematic chains for mechatronic applications	22110984	Mechanisms and Machine Science	24		1	0	0	0	0		
5104	2015	SNMS investigations of thermally sprayed coatings	255300	Materialpruefung Materials Testing	57	3	0	0	0	1	0		
5105	2015	Characterization of automotive shredder residues before and five years after landfill disposal	1980993X	Revista Ambiente E Agua	10	2	2	0	0	0	0		
5106	2015	Approximate analytical solutions of the fractional-order Brusselator system using the polynomial least squares method	16879120	Advances in Mathematical Physics	2015		0	1	1	0	1		
5107	2015	Theoretical considerations regarding the thione-thiol tautomerism in 2-(5-mercapto-1,3,4-thiadiazol-2-ylthio)acetic acid	13180207	Acta Chimica Slovenica	62	1	1	0	2	0	1		
5108	2015	Theoretical evaluation of the aromatic character of aza-phospha-coronenes	12247154	Studia Universitatis Babes Bolyai Chemia	60	1	0	0	0	0	0		
5109	2015	Preparation and antibacterial properties of substituted 1,2,4-triazoles	20909063	Journal of Chemistry	2015		2	3	2	1	3		
5110	2015	Manganese(III) porphyrin sensitive to H2O2 detection	18423582	Digest Journal of Nanomaterials and Biostructures	10	1	1	2	0	1	1		

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							2020	2021	2022	2023	2024
5111	2015	Properties of the thermally sprayed Al ₂ O ₃ -TiO ₂ coatings deposited on titanium substrate	2634368	International Journal of Refractory Metals and Hard Materials	51		3	3	2	4	11
5112	2015	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV	14346044	European Physical Journal C	75	3	6	0	1	1	0
5113	2015	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8$ TeV pp collisions using the ATLAS detector	11266708	Journal of High Energy Physics	2015	3	2	7	9	10	0
5114	2015	Anomaly detection using power signature of consumer electrical devices	15827445	Advances in Electrical and Computer Engineering	15	1	2	2	1	1	0
5115	2015	Ultrasound effect on dyeing wool fibers with two anthraquinone dyes	12299197	Fibers and Polymers	16	1	0	2	1	4	0
5116	2015	Approximate analytic solutions of a nonlinear elastic wave equations with the anharmonic correction	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	16	1	0	0	0	0	0
5117	2015	Threats to sustainability of soil functions in central and Southeast Europe	20711050	Sustainability Switzerland	7	2	5	7	6	7	9
5118	2015	Sustainable development and technological impact on CO ₂ reducing conditions in Romania	20711050	Sustainability Switzerland	7	2	11	12	4	5	2
5119	2015	Synthesis and characterization of Fe^{3+} -Fe ₂ O ₃ /SiO ₂ composites as possible candidates for magnetic paper manufacture	2728842	Ceramics International	41	1	6	3	3	1	2
5120	2015	Evaluation of electrospun polymer-Fe ₃ O ₄ nanocomposite mats in malachite green adsorption	20462069	Rsc Advances	5	21	6	5	4	4	5
5121	2015	Experimental investigations of cold-formed steel beams of corrugated web and built-up section for flanges	2638231	Thin Walled Structures	90		10	5	4	8	8
5122	2015	Performance evaluation of ultrasonic sensors accuracy in distance measurement		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	1	1	3	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5123	2015	Robotic arm autonomous movement in 3D space using stereo image recognition in Linux		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0		
5124	2015	Structural and electrical properties of TiO2/ZnO core-shell nanoparticles synthesized by hydrothermal method	10445803	Materials Characterization	101		4	7	9	4	2		
5125	2015	On the allocation of double-binary turbo coded bits in the case of 16-QAM modulation		2014 11th International Symposium on Electronics and Telecommunications Isetc 2014 Conference Proceedings			0	0	0	0	0		
5126	2015	Implementation of a GPRS based remote water quality analysis instrumentation	2632241	Measurement Journal of the International Measurement Confederation	65		0	3	2	3	1		
5127	2015	Advances in the MQDT approach of electron/molecular cation reactive collisions: High precision extensive calculations for applications	21016275	EPJ Web of Conferences	84		0	1	0	0	0		
5128	2015	Electronic and photonic reactive collisions in edge fusion plasma and interstellar space: Application to H2 and BeH systems	17426588	Journal of Physics Conference Series	576	1	0	0	0	0	0		
5129	2015	Search for the b $\bar{A}$ $\bar{b}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector	11266708	Journal of High Energy Physics	2015	1	1	3	1	4	1		
5130	2015	Jet energy measurement and its systematic uncertainty in proton $\bar{A}$ proton collisions at $\hat{s}$ s = 7 TeV with the ATLAS detector	14346044	European Physical Journal C	75	1	8	8	8	11	3		
5131	2015	Constrained data-driven model-free ILC-based reference input tuning algorithm	17858860	Acta Polytechnica Hungarica	12	1	0	1	1	1	1		
5132	2015	Nature-inspired optimal tuning of input membership functions of Takagi-Sugeno-Kang fuzzy models for Anti-lock Braking Systems	15684946	Applied Soft Computing	27		13	4	4	2	0		
5133	2015	A novel pose estimation algorithm for robotic navigation	9218890	Robotics and Autonomous Systems	63	P1	3	2	3	3	9		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5134	2015	Fatigue life assessment of self-expandable NiTi stent	10139826	Key Engineering Materials	627		0	1	0	2	0
5135	2015	Ultrasonic cavitation erosion of nodular cast iron with ferrite-pearlite microstructure	13504177	Ultrasonics Sonochemistry	23		1	4	2	3	6
5136	2015	Assessment of the sealant/tooth interface using optical coherence tomography	1694243	Journal of Adhesion Science and Technology	29	1	3	1	3	2	2
5137	2015	Numerical and experimental investigation on seismically damaged reinforced concrete wall panels retrofitted with FRP composites	2638223	Composite Structures	119		3	1	2	2	1
5138	2014	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	11	1	7	2	3	7
5139	2014	Measurement of inclusive jet charged-particle fragmentation functions in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	739		8	8	6	5	7
5140	2014	MuSeNet: Collaboration in the music artists industry		Proceedings 2014 European Network Intelligence Conference Enic 2014			2	1	0	1	2
5141	2014	A hierarchical approach in deploying traffic lights using complex network analysis		2014 18th International Conference on System Theory Control and Computing Icstcc 2014			0	0	0	0	0
5142	2014	Design space exploration for optimizing wireless sensor networks using social network analysis		2014 18th International Conference on System Theory Control and Computing Icstcc 2014			1	1	1	0	0
5143	2014	The determination of the maximum energetic zones for a wind system, operating at variable wind speeds		2014 18th International Conference on System Theory Control and Computing Icstcc 2014			0	0	0	0	0
5144	2014	Social cities: Quality assessment of road infrastructures using a network motif approach		2014 18th International Conference on System Theory Control and Computing Icstcc 2014			0	0	0	1	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5145	2014	Frequency domain design of fractional order PI controllers for lambda control		2014 18th International Conference on System Theory Control and Computing Icstcc 2014			0	0	0	0	0
5146	2014	A feedback model for leukemia including cell competition and the action of the immune system	0094243X	Aip Conference Proceedings	1637		1	1	1	0	0
5147	2014	Practical aspects regarding power factor correction and harmonic mitigation of variable speed drives		16th International Power Electronics and Motion Control Conference and Exposition Pemc 2014			0	0	1	0	0
5148	2014	Specifying and tendering of automation and SCADA systems: Case study for waste water treatment plants		2014 IEEE Conference on Control Applications Cca Part of 2014 IEEE Multi Conference on Systems and Control Msc 2014			0	0	0	1	0
5149	2014	Reduced cost low speed wind or hydro energy conversion system with twin stator windings induction generator		16th International Power Electronics and Motion Control Conference and Exposition Pemc 2014			0	0	0	0	0
5150	2014	Influence of ceramic separator's characteristics on microbial fuel cell performance	18479286	Journal of Electrochemical Science and Engineering	4	4	7	7	10	7	6
5151	2014	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	14346044	European Physical Journal C	74	12	3	1	3	0	0
5152	2014	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	14346044	European Physical Journal C	74	12	4	3	2	3	1
5153	2014	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector	14346044	European Physical Journal C	74	12	1	1	1	2	0
5154	2014	Investigation of the dynamic mechanical behavior of polyetheretherketone (PEEK) in the high stress tensile regime	13852000	Mechanics of Time Dependent Materials	18	4	4	4	9	7	4

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5155	2014	Boost interleaved PFC versus bridgeless boost interleaved PFC converter performance/efficiency analysis		2014 International Conference on Applied and Theoretical Electricity Icate 2014 Proceedings			0	6	2	4	3		
5156	2014	Boost PFC converter versus bridgeless boost PFC converter EMI analysis		2014 International Conference on Applied and Theoretical Electricity Icate 2014 Proceedings			1	2	3	1	2		
5157	2014	Low-cost ferrite permanent magnet assisted synchronous reluctance rotor and permanent magnet synchronous rotor with flux concentrator an alternative for rare earth permanent magnet synchronous motors		2014 International Conference on Applied and Theoretical Electricity Icate 2014 Proceedings			1	0	1	1	0		
5158	2014	A sensitive A3B porphyrin nanomaterial for CO2 detection	14203049	Molecules	19	12	4	1	1	0	2		
5159	2014	Study, design and industrial implementation of capacitive power factor controller for large load fluctuations in steel industry		EPE 2014 Proceedings of the 2014 International Conference and Exposition on Electrical and Power Engineering			1	1	1	0	1		
5160	2014	Fire design of concrete encased columns: Validation of an advanced calculation model	12299367	Steel and Composite Structures	17	6	0	0	0	0	0		
5161	2014	Research on mechanical strength of technological fluid storage tank made of polyester resin reinforced with fiberglass	255289	Materiale Plastice	51	4	0	0	0	0	0		
5162	2014	Influence of the ultrasonic microvibrations under the processing of the HDPE thermoplastic material	255289	Materiale Plastice	51	4	1	0	0	0	0		
5163	2014	Reinforcement of tibial fixation in anterior cruciate ligament reconstruction using a polyester multi stranded long chain polyethylene core suture material	255289	Materiale Plastice	51	4	0	2	0	0	0		
5164	2014	Tensile bond strength evaluation of two adhesive cements used for bonding orthodontic metal brackets to porcelain fused-to-metal crowns	255289	Materiale Plastice	51	4	0	0	2	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5165	2014	The particle thermal conductivity influence of nanofluids on thermal performance of the microtubes	7351933	International Communications in Heat and Mass Transfer	59		0	0	1	2	2
5166	2014	Fractionation of five technical lignins by selective extraction in green solvents and characterisation of isolated fractions	9266690	Industrial Crops and Products	62		21	22	10	12	22
5167	2014	Theoretical and experimental study on precast reinforced concrete wall panels subjected to shear force	1410296	Engineering Structures	80		4	7	4	9	7
5168	2014	Robotic arm detection in the 2D space		2014 IEEE 20th International Symposium for Design and Technology in Electronic Packaging Siitme 2014			0	0	0	0	0
5169	2014	Offline self-test architecture for the inversion operation of advanced encryption standard		2014 IEEE 20th International Symposium for Design and Technology in Electronic Packaging Siitme 2014			1	0	0	0	0
5170	2014	An experimental monitoring system for thermoelectric modules		2014 IEEE 20th International Symposium for Design and Technology in Electronic Packaging Siitme 2014			0	0	0	0	1
5171	2014	Robotic arm movement using color detection with FPGA vision		2014 IEEE 20th International Symposium for Design and Technology in Electronic Packaging Siitme 2014			0	1	0	0	0
5172	2014	Multi-robot charged system search-based optimal path planning in static environments		2014 IEEE International Symposium on Intelligent Control Isic 2014			1	1	0	0	0
5173	2014	Data-driven model-free control of twin rotor aerodynamic systems: Algorithms and experiments		2014 IEEE International Symposium on Intelligent Control Isic 2014			0	2	3	0	0
5174	2014	Predictive models for short channel MOS CASCODE current references simulation		Proceedings of the International Semiconductor Conference CAS			0	0	0	0	0
5175	2014	Observation of an Excited $B_c\bar{A}^\pm$ Meson State with the ATLAS Detector	319007	Physical Review Letters	113	21	18	7	11	8	11
5176	2014	A stability criterion for $Fr\tilde{A}^{\circ}chet\tilde{A}^{\circ}$'s first polynomial equation	19054	Aequationes Mathematicae	88	3	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5177	2014	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $\sqrt{s} = 8\text{TeV}$ with the ATLAS detector	11266708	Journal of High Energy Physics	2014	11	3	0	1	0	2
5178	2014	Structure–biological function relationship extended to mitotic arrest-deficient 2-like protein Mad2 native and mutants-new opportunity for genetic disorder control	16616596	International Journal of Molecular Sciences	15	11	0	0	0	0	0
5179	2014	On the reduction criterion for random quantum states	222488	Journal of Mathematical Physics	55	11	0	0	1	0	1
5180	2014	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton–proton collision data	14346044	European Physical Journal C	74	11	6	3	5	4	3
5181	2014	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s} = 7\text{ TeV}$ using the ATLAS detector	14346044	European Physical Journal C	74	11	2	5	5	6	2
5182	2014	Hydride Transfer: A Dominating Reaction of Ozone with Tertiary Butanol and Formate Ion in Aqueous Solution	1919512	Ozone Science and Engineering	36	6	3	2	5	2	1
5183	2014	Highly sinterable cobalt ferrite particles prepared by a modified solution combustion synthesis	0167577X	Materials Letters	135		1	1	0	1	0
5184	2014	Secure handwriting using a robot arm for educational purpose		2014 19th International Conference on Methods and Models in Automation and Robotics Mmar 2014			0	1	0	0	1
5185	2014	Modeling and performance of novel scheme dual winding cage rotor variable speed induction generator with DC link power delivery		2014 IEEE Energy Conversion Congress and Exposition Ecce 2014			0	2	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5186	2014	Super-twisting sliding mode direct torque control of induction machine drives		2014 IEEE Energy Conversion Congress and Exposition Ecce 2014			5	6	5	1	2
5187	2014	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector	11266708	Journal of High Energy Physics	2014	11	3	3	3	1	4
5188	2014	Low-level communication time analysis in real-time wireless sensor networks		Rose 2014 2014 IEEE International Symposium on Robotic and Sensors Environments Proceedings			0	0	0	0	1
5189	2014	Energy profiling of FPGA designs		Rose 2014 2014 IEEE International Symposium on Robotic and Sensors Environments Proceedings			0	0	0	0	0
5190	2014	Hard real-time execution environment extension for FreeRTOS		Rose 2014 2014 IEEE International Symposium on Robotic and Sensors Environments Proceedings			3	1	0	0	2
5191	2014	Search for new resonances in $W\ell^3$ and $Z\ell^3$ final states in pp collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	738		3	3	2	2	2
5192	2014	Measurement of the cross section of high transverse momentum $Z\ell^+\ell^-\ell^+$ production in proton-proton collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	738		0	1	0	0	0
5193	2014	A real-valued Taylor weighted least squares synchrophasor estimator		2014 IEEE International Workshop on Applied Measurements for Power Systems Amps 2014 Proceedings			1	2	0	1	0
5194	2014	Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	13672630	New Journal of Physics	16		3	2	0	1	0
5195	2014	Using the laser scanning for research and conservation of cultural heritage sites. Case study: Ulmetum citadel	13115065	Journal of Environmental Protection and Ecology	15	3	1	3	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5196	2014	Novel approach for the current state of greenhouse gases emissions. Romanian case study	13115065	Journal of Environmental Protection and Ecology	15	3	0	0	0	1	0
5197	2014	Spectroscopic and thermal studies on the iron(III) mercapto-thiadiazol-thiosuccinate precursor for iron(III) oxides	353930	Revue Roumaine De Chimie	59	11-Dec	0	0	0	0	0
5198	2014	Phosphonium grafted styrene-divinylbenzene resins impregnated with iron(III) and crown ethers for arsenic removal	334545	Pure and Applied Chemistry	86	11	5	3	9	3	2
5199	2014	Use of styrene-divinylbenzene grafted with aminoethylaminomethyl groups and various ionic liquids in the removal process of thallium and strontium	334545	Pure and Applied Chemistry	86	11	1	2	0	0	0
5200	2014	Interfacial polycondensation method used in the synthesis of polymers containing phosphorus in the main chain	334545	Pure and Applied Chemistry	86	11	0	1	0	1	2
5201	2014	Effect of polymer support functionalization on enzyme immobilization and catalytic activity	334545	Pure and Applied Chemistry	86	11	0	0	0	0	0
5202	2014	Optimization of enzymatic ring-opening copolymerizations involving Î-gluconolactone as monomer by experimental design	334545	Pure and Applied Chemistry	86	11	1	2	0	1	0
5203	2014	Study on obtaining 3-oxolup-20(29)-en-28-oic acid (betulonic acid) from (3Î²)-lup-20(29)-en-3,28-diol (betulin)	347752	Revista De Chimie	65	11	0	2	0	0	0
5204	2014	Structural investigations in CoCrMo(Ti) welded dental alloys	347752	Revista De Chimie	65	11	2	2	0	2	0
5205	2014	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in âš s = 8 TeV pp collisions with the ATLAS detector	11266708	Journal of High Energy Physics	2014	11	1	5	2	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5206	2014	Genetic algorithm based distribution network expansion planning		Proceedings of the Universities Power Engineering Conference			0	1	1	0	1
5207	2014	Measurement of the tt production cross-section using e ⁺ μ events with b-tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector	14346044	European Physical Journal C	74	10	8	4	2	10	7
5208	2014	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data	14346044	European Physical Journal C	74	10	4	6	1	4	6
5209	2014	Pong game on FPGA with CRT or LCD display and push button controls		2014 Federated Conference on Computer Science and Information Systems Fedcsis 2014			0	0	0	0	0
5210	2014	Search for Scalar Diphoton Resonances in the Mass Range 65-600 GeV with the ATLAS Detector in pp Collision Data at $\sqrt{s} = 8$ TeV	319007	Physical Review Letters	113	17	9	13	13	15	8
5211	2014	Probabilistic gate level fault modeling for near and sub-threshold CMOS circuits		Proceedings 2014 17th Euromicro Conference on Digital System Design Dsd 2014			0	0	0	0	0
5212	2014	An FPGA sliding window-based architecture Harris corner detector		Conference Digest 24th International Conference on Field Programmable Logic and Applications Fpl 2014			3	2	3	1	2
5213	2014	Cost-efficient FPGA layered LDPC decoder with serial AP-LLR processing		Conference Digest 24th International Conference on Field Programmable Logic and Applications Fpl 2014			0	0	1	0	0
5214	2014	Integrating the accelerometer of the AM335X Sitara Starter Kit in a QT application		Ederc 2014 Proceedings of the 6th European Embedded Design in Education and Research Conference			0	0	0	0	0
5215	2014	Experimental determination of the intervertebral stress		Sisy 2014 IEEE 12th International Symposium on Intelligent Systems and Informatics Proceedings			0	0	0	0	0
5216	2014	Optical Properties Investigation of Alternative Fuels Containing Carbon-Based Nanostructures	1487191	SAE Technical Papers	2014-October		0	1	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5217	2014	Search for WZ resonances in the fully leptonic channel using pp collisions at s=8 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	737		2	1	0	2	0
5218	2014	Evidence for Electroweak Production of $W\bar{A}\pm W\bar{A}\pm jj$ in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector	319007	Physical Review Letters	113	14	9	9	8	9	9
5219	2014	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector	10298479	Journal of High Energy Physics	2014	10	5	3	2	4	5
5220	2014	Investigations on the thermal-induced degradation of transitional coordination complexes containing (3H-2-thioxo-1,3,4-thiadiazol-5-yl)thioacetate moiety	347752	Revista De Chimie	65	10	1	0	0	0	0
5221	2014	Studies regarding As(V) adsorption from underground water by Fe-XAD8-DEHPA impregnated resin. Equilibrium sorption and fixed-bed column tests	14203049	Molecules	19	10	7	2	0	2	2
5222	2014	Refinements on fracture toughness of PUR foams	137944	Engineering Fracture Mechanics	129		9	5	10	4	10
5223	2014	Multimedia, hypermedia, and transmedia in support of learning		Proceedings 2014 8th International Conference on Complex Intelligent and Software Intensive Systems Cisis 2014			0	0	0	0	1
5224	2014	The notch effect on fracture of polyurethane materials	19718993	Frattura Ed Integrita Strutturale	30		1	0	1	4	1
5225	2014	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb-1 of $\sqrt{s}=8$ TeV proton-proton collision data with the ATLAS detector	11266708	Journal of High Energy Physics	2014	9	1	1	0	2	1
5226	2014	Novel multiphase hybrid boost converter with wide conversion ratio		2014 16th European Conference on Power Electronics and Applications EPE Ecce Europe 2014			0	1	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5227	2014	Homo-heteropolar synchronous machine for low power variable speed wind or hydro applications: Design, 3D FEM validation and control		2014 16th European Conference on Power Electronics and Applications EPE Ecce Europe 2014			0	0	0	1	0
5228	2014	Search for pair-produced third-generation squarks decaying via charm quarks or in compressed supersymmetric scenarios in pp collisions at $\sqrt{s} = 8\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	5	0	3	1	2	1
5229	2014	Flavor tagged time-dependent angular analysis of the $B_s^0 \rightarrow J/\psi \pi^+ \pi^-$ decay and extraction of $\arg(\lambda_{cb})$ and the weak phase β_s in ATLAS	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	5	2	3	2	4	3
5230	2014	Improving efficiency of intricate manipulation planning through mapping of grasp feasibility zones	10504729	Proceedings IEEE International Conference on Robotics and Automation			0	0	0	0	0
5231	2014	Search for high-mass dilepton resonances in pp collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	5	4	7	6	6	5
5232	2014	EBG modification in a parallel plate 2D periodic structure by metal inclusions		Proceedings 2014 International Conference on Electromagnetics in Advanced Applications Iceaa 2014			0	0	0	0	0
5233	2014	Linear compositional delay model for the timing analysis of sub-powered combinational circuits	21593469	Proceedings of IEEE Computer Society Annual Symposium on VLSI Isvlsi			0	1	0	1	0
5234	2014	Developing digital literacy skills through interactive images, multimedia mashups, and global groups		Proceedings IEEE 14th International Conference on Advanced Learning Technologies Icaalt 2014			1	1	0	2	0
5235	2014	On the L^2 -uniqueness of multidimensional Nelson's diffusion	15842851	Carpathian Journal of Mathematics	30	2	0	0	0	0	0
5236	2014	New methods to obtain carboxylic acids by oxidation reactions of 1,2-ethanediol with metallic nitrates	0022328X	Journal of Organometallic Chemistry	767		0	0	1	0	0
5237	2014	The assessment of beam solar irradiance using parametric modeling	15435075	International Journal of Green Energy	11	8	1	2	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5238	2014	Measurement of the Higgs boson mass from the $H \rightarrow \tau^+ \tau^-$ and $H \rightarrow Z \gamma$ channels in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	5	5	2	3	8	1
5239	2014	Search for supersymmetry in events with four or more leptons in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	5	0	2	2	2	2
5240	2014	Ulam's Type Stability and Fixed Points Methods	23148896	Journal of Function Spaces	2014		0	0	0	0	0
5241	2014	Variable cross-section cylinder-type corona and combined corona-dielectric barrier discharge precipitators for fly-ash particles	2726351	Particulate Science and Technology	32	5	1	1	0	0	0
5242	2014	Synthesis-structure relationship in the aqueous ethylene glycol-iron(iii) nitrate system	353930	Revue Roumaine De Chimie	59	9	1	1	1	0	1
5243	2014	Efficiency assessment of the anaerobic digestion of sewage sludge from timisoara municipal water treatment plant	347752	Revista De Chimie	65	9	1	0	0	0	0
5244	2014	Iterative data-driven controller tuning with actuator constraints and reduced sensitivity	23273097	Journal of Aerospace Information Systems	11	9	0	0	1	0	1
5245	2014	A neural network clustering algorithm for the ATLAS silicon pixel detector	17480221	Journal of Instrumentation	9	9	5	2	1	3	3
5246	2014	Structural and morphologic characterization of zirconia-silica nanocomposites prepared by a modified sol-gel method	220248	Journal of Crystal Growth	401		0	0	2	1	0
5247	2014	Finite element analysis of heat transfer in transformers from high voltage stations	13886150	Journal of Thermal Analysis and Calorimetry	118	2	3	3	2	2	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5248	2014	Crystallization kinetics of Co40Fe22Ta 8B30 glassy alloy with high thermal stability and soft magnetic properties	9258388	Journal of Alloys and Compounds	605		1	5	4	1	0
5249	2014	Numerical optimization of strengthening disturbed regions of dapped-end beams using NSM and EBR CFRP	13598368	Composites Part B Engineering	67		2	2	3	5	1
5250	2014	Measurement of event-plane correlations in $\sqrt{s_{NN}} = 2.76$ TeV lead-lead collisions with the ATLAS detector	5562813	Physical Review C Nuclear Physics	90	2	16	14	8	13	8
5251	2014	Thermal and soft magnetic properties of Co40Fe 22Ta8B30 glassy particles: In-situ X-ray diffraction and magnetometry studies	218979	Journal of Applied Physics	116	5	2	0	1	0	1
5252	2014	Pulsed laser processing of dissimilar Ti-6Al-4V and X5CrNi18-10 joints	10426914	Materials and Manufacturing Processes	29	8	1	0	0	0	1
5253	2014	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	14346044	European Physical Journal C	74	8	4	5	5	6	5
5254	2014	Yield stress and flow behavior of concentrated ferrofluid-based magnetorheological fluids: the influence of composition	354511	Rheologica Acta	53	8	4	4	5	4	3
5255	2014	Silica impregnated with Cyphos IL-101 for Cs+ adsorption	15829596	Environmental Engineering and Management Journal	13	8	1	0	0	0	1
5256	2014	Compatibility study between indomethacin and excipients in their physical mixtures	13886150	Journal of Thermal Analysis and Calorimetry	118	2	2	1	1	1	1
5257	2014	Design and testing of a constrained data-driven iterative reference input tuning algorithm		2014 European Control Conference Ecc 2014			0	0	0	0	0
5258	2014	An innovative synthesis approach toward the preparation of structurally defined multiresponsive polymer (co)networks	17599954	Polymer Chemistry	5	14	4	0	1	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5259	2014	Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	1	3	0	3	1	2
5260	2014	Effect of non-magnetic ion substitution on the magnetoelastic properties of CoFe ₂ O ₄ films	218979	Journal of Applied Physics	116	1	0	0	0	0	0
5261	2014	Electrochemical detection of sulphide in water/seawater using nanostructured carbon-epoxy composite electrodes	17599660	Analytical Methods	6	13	1	2	1	3	2
5262	2014	Stabilization of Rössler chaotic dynamical system using fuzzy logic control algorithm	3081079	International Journal of General Systems	43	5	24	28	12	4	3
5263	2014	Magnetite, properties and modern biomedical applications		Magnetite Synthesis Uses and Biological Occurrences			0	0	1	1	0
5264	2014	Low-precision DSP-based floating-point multiply-add fused for Field Programmable Gate Arrays	17518601	Let Computers and Digital Techniques	8	4	2	0	0	0	0
5265	2014	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter	17480221	Journal of Instrumentation	9	7	1	2	1	0	3
5266	2014	Grid to standalone transition motion-sensorless dual-inverter control of PMSG with asymmetrical grid voltage sags and harmonics filtering	8858993	IEEE Transactions on Power Electronics	29	7	1	5	3	1	2
5267	2014	Thermal decomposition, kinetic study and evolved gas analysis of 1,3,5-triazine-2,4,6-triamine	13886150	Journal of Thermal Analysis and Calorimetry	118	2	1	0	0	1	1
5268	2014	Measurements of four-lepton production at the Z resonance in pp collisions at $\sqrt{s}=7$ and 8 TeV with ATLAS	319007	Physical Review Letters	112	23	2	7	6	5	1
5269	2014	Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s}=8\text{TeV}$ pp collisions with the ATLAS detector	14346044	European Physical Journal C	74	6	1	2	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5270	2014	High-Temperature Shape Memory Effect in Ti-Ta Thin Films Sputter Deposited at Room Temperature	21967350	Advanced Materials Interfaces	1	3	3	2	1	1	1
5271	2014	Synthesis and thermal analysis of the nickel(II) oxalate obtained through the reaction of ethylene glycol with Ni(NO ₃) ₂ ·6H ₂ O	353930	Revue Roumaine De Chimie	59	06-Jul	1	1	2	1	2
5272	2014	Synthetic adipic complex tetra-esters base oils	7243472	Tribologie Und Schmierungstechnik	61	3	0	0	0	0	1
5273	2014	ABS 3D printed facial study model using hermite matrix interpolation for manufacturing facial epistasis	255289	Materiale Plastice	51	3	0	0	0	0	0
5274	2014	Compression and bending tests in order to evaluate the use of Necuron for the manufacturing of transtibial prostheses	255289	Materiale Plastice	51	3	0	0	1	0	0
5275	2014	Numerical simulation of polymeric removable partial dentures	255289	Materiale Plastice	51	3	0	0	0	1	0
5276	2014	New procedure and field-tests to assess photovoltaic module performance	3605442	Energy	70		2	4	3	0	4
5277	2014	Network reaction of 2,6-bis(2-hydroxybenzylidene)cyclohexanone by external stimuli	10106030	Journal of Photochemistry and Photobiology A Chemistry	283		0	2	1	2	0
5278	2014	Chromium-doped calcium zirconate - A potential red shade pigment: Preparation, characterization and testing	1437208	Dyes and Pigments	105		2	0	1	0	2
5279	2014	Single-step combustion synthesis of LaAlO ₃ powders and their sintering behavior	2728842	Ceramics International	40	5	2	2	2	0	1
5280	2014	Measurement of the parity-violating asymmetry parameter A_{FB}^{ℓ} and the helicity amplitudes for the decay $B^0 \rightarrow \ell^+ \ell^-$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	89	9	5	3	3	3	5
5281	2014	Correlation between yield stress and hardness of nickel-silicon-boron-based alloys by nanoindentation	9215093	Materials Science and Engineering A	605		0	1	2	3	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5282	2014	Properties of WC-FeCrAl coatings manufactured by different high velocity thermal spray processes	2578972	Surface and Coatings Technology	247		3	2	3	5	2	
5283	2014	Search for invisible decays of a Higgs boson produced in association with a Z boson in ATLAS	319007	Physical Review Letters	112	20	3	1	4	2	0	
5284	2014	Performance and emissions of a small scale generator powered by a spark ignition engine with adaptive fuel injection control	3062619	Applied Energy	121		2	2	8	2	0	
5285	2014	Search for Higgs boson decays to a photon and a Z boson in pp collisions at s=7 and 8 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	732		3	1	2	2	4	
5286	2014	Experimental evaluation of dual frame structures with thin-walled steel panels	2638231	Thin Walled Structures	78		4	2	3	4	3	
5287	2014	Study of heavy-flavor quarks produced in association with top-quark pairs at s =7TeV using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	89	7	0	1	1	1	4	
5288	2014	Source identification using signal characteristics in controller area networks	10709908	IEEE Signal Processing Letters	21	4	23	21	20	23	11	
5289	2014	Tire slip fuzzy control of a laboratory anti-lock braking system		2009 European Control Conference Ecc 2009			2	3	0	2	0	
5290	2014	Measurement of the inclusive isolated prompt photons cross section in pp collisions at $\sqrt{s}$ =7 TeV with the ATLAS detector using 4.6 fb ⁻¹	15507998	Physical Review D Particles Fields Gravitation and Cosmology	89	5	4	5	2	4	0	
5291	2014	Thermal behaviour of a modified encapsulation agent: Heptakis-6-iodo-6-deoxy-beta-cyclodextrin	13886150	Journal of Thermal Analysis and Calorimetry	118	2	1	0	1	0	0	
5292	2014	The Optimal Homotopy Asymptotic Method for solving Blasius equation	963003	Applied Mathematics and Computation	231		5	6	4	3	5	
5293	2014	Large surface area ZnAl2O4 powders prepared by a modified combustion technique	13858947	Chemical Engineering Journal	240		6	8	5	5	3	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5294	2014	Search for quantum black hole production in high-invariant-mass lepton + jet final states using pp collisions at $\sqrt{s} = 8$ TeV and the ATLAS detector	319007	Physical Review Letters	112	9	2	1	0	2	2
5295	2014	Anchor node localization for wireless sensor networks using video and compass information fusion	14248220	Sensors Switzerland	14	3	4	2	2	2	1
5296	2014	Inclusion complex of (-)-linalool and β -cyclodextrin	13886150	Journal of Thermal Analysis and Calorimetry	115	3	6	8	6	8	2
5297	2014	Electrical vehicle batteries testing in a distribution network using sustainable energy	19493053	IEEE Transactions on Smart Grid	5	2	3	4	6	5	6
5298	2014	Analysis of a two-dimensional nonsmooth Poincaré-like map	0924090X	Nonlinear Dynamics	75	4	0	0	0	0	0
5299	2014	Contribution to the creation and development of a new authorization concept based on a learning process	10613773	Computer Applications in Engineering Education	22	1	0	0	0	0	0
5300	2014	Antibacterial activity of different natural honeys from Transylvania, Romania	3601234	Journal of Environmental Science and Health Part B Pesticides Food Contaminants and Agricultural Wastes	49	3	1	3	2	0	1
5301	2014	Water leakage monitoring education: Cross correlation study via spectral whitening		IECON Proceedings Industrial Electronics Conference			2	1	0	1	1
5302	2014	Stability analysis of a feedback model for the action of the immune system in leukemia	9735348	Mathematical Modelling of Natural Phenomena	9	1	1	1	0	1	0
5303	2014	Search for a multi-Higgs-boson cascade in $W+W-b\bar{b}$, events with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV	15507998	Physical Review D Particles Fields Gravitation and Cosmology	89	3	0	0	2	0	1
5304	2014	Roughness of $(\hat{a}, \mu +, \hat{a}, \mu -)$ -nonuniform exponential dichotomy for difference equations in Banach spaces	1537744X	Scientific World Journal	2014		0	1	0	0	0
5305	2014	Adaptive control system for continuous steel casting based on neural networks and fuzzy logic	9252312	Neurocomputing	125		3	3	3	2	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5306	2014	Effect of a modified photo-Fenton procedure on the oxidative degradation of antibiotics in aqueous solutions	13835866	Separation and Purification Technology	122		1	1	2	0	1
5307	2014	FeCoSiBNbCu bulk metallic glass with large compressive deformability studied by time-resolved synchrotron X-ray diffraction	218979	Journal of Applied Physics	115	5	2	0	1	2	0
5308	2014	Laminar motion of the incompressible fluids in self-acting thrust bearings with spiral grooves	1537744X	Scientific World Journal	2014		1	0	0	0	0
5309	2014	Stability aspects in one-cycle controlled buck converters	15827445	Advances in Electrical and Computer Engineering	14	1	0	0	0	0	0
5310	2014	Visibility-based planners for mobile robots capable to handle path existence queries in temporal logic	15827445	Advances in Electrical and Computer Engineering	14	1	0	0	0	0	0
5311	2014	Heat affected zones in polymer laser marking	13886150	Journal of Thermal Analysis and Calorimetry	115	2	1	0	0	0	2
5312	2014	Revisiting the inflation-output gap relationship for France using a wavelet transform approach	2649993	Economic Modelling	37		3	2	4	6	3
5313	2014	Search for dark matter in events with a hadronically decaying W or Z boson and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	319007	Physical Review Letters	112	4	3	3	1	2	2
5314	2014	Regularised, semi-local hurst estimation via generalised lasso and dual-tree complex wavelets		2014 IEEE International Conference on Image Processing Icip 2014			0	3	2	0	0
5315	2014	Upon power losses due to current harmonics in a photovoltaic system, operating at maximum power point	10226680	Advanced Materials Research	853		1	0	0	0	0
5316	2014	Simultaneous biohydrogen production and wastewater treatment based on the selective enrichment of the fermentation ecosystem	3603199	International Journal of Hydrogen Energy	39	3	3	1	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5317	2014	Conventional high-performance liquid chromatography versus derivative spectrophotometry for the determination of 1,3,6-pyrenetrisulfonic acid trisodium salt and 1,3,6,8-pyrenetetrasulfonic acid tetrasodium salt in the color additive D&C Green No. 8 (Pyranine)	219673	Journal of Chromatography A	1324		1	0	0	0	0	
5318	2014	Practical wide-speed-range sensorless control system for permanent magnet reluctance synchronous motor drives via active flux model	15325008	Electric Power Components and Systems	42	1	1	3	0	1	1	
5319	2014	Microstructural evaluation of NiTi-based films deposited by magnetron sputtering	0094243X	Aip Conference Proceedings	1634		1	0	0	0	0	
5320	2014	The information-theoretical entropy of some quantum oscillators	0094243X	Aip Conference Proceedings	1634		0	1	0	0	0	
5321	2014	Study of reactive collisions between electrons and molecular cations using multichannel quantum defect theory: Application to HD + and BeH +	0094243X	Aip Conference Proceedings	1634		1	0	0	0	0	
5322	2014	Î ³ -Fe2O3 nanoparticles prepared by combustion synthesis, followed by chemical oxidation of residual carbon with H2O2	2540584	Materials Chemistry and Physics	148	3	3	5	4	0	2	
5323	2014	Energy efficiency and thermal comfort in building-integrated photovoltaic-case study		Nanocon 2014 Conference Proceedings 6th International Conference			0	0	0	0	0	
5324	2014	Effect of the Mg substitution on the structural, optical and electrical properties of CuCrO2 for applications to P-type dye-sensitized solar cells		Nanocon 2014 Conference Proceedings 6th International Conference			0	0	0	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5325	2014	Comparative research regarding corrosion protective effect of different sandwich type nanostructures obtained from porphyrins and pseudo-binary oxides by changing the deposition order		Nanocon 2014 Conference Proceedings 6th International Conference			2	1	0	0	0
5326	2014	Photovoltaic modules performance-comparative study		Nanocon 2014 Conference Proceedings 6th International Conference			0	0	0	0	0
5327	2014	Memory efficient implementation of self-corrected min-sum LDPC decoder		2014 21st IEEE International Conference on Electronics Circuits and Systems Icecs 2014			2	0	0	0	0
5328	2014	Electrochemical behavior of tetra(4-methoxyphenyl) porphyrin thin films obtained by laser deposition on graphite electrode	18423582	Digest Journal of Nanomaterials and Biostructures	9	3	1	0	1	1	0
5329	2014	Generalized Ulam-Hyers stability results: A fixed point approach	19316828	Springer Optimization and Its Applications	96		0	0	0	0	0
5330	2014	Standalone vertex finding in the ATLAS muon spectrometer	17480221	Journal of Instrumentation	9	2	4	0	2	1	0
5331	2014	Francisc Viliam Kováčics (1929-2009)	18753442	History of Mechanism and Machine Science	26		0	0	0	0	0
5332	2014	An innovative model for evaluating national intellectual capital	20488963	Proceedings of the European Conference on Knowledge Management ECKM	3		1	0	0	0	0
5333	2014	Vehicle counting and classification for traffic surveillance using Wireless Video Sensor Networks		2014 22nd Telecommunications Forum Telfor 2014 Proceedings of Papers			1	1	0	0	0
5334	2014	Image acquisition with Linux on FPGA		2014 22nd Telecommunications Forum Telfor 2014 Proceedings of Papers			0	0	0	0	0
5335	2014	Experimental design and control approach of an active knee prosthesis with geared linkage	22110984	Mechanisms and Machine Science	17		0	3	1	2	0
5336	2014	Optimization of path for water transmission and distribution systems	18761100	Lecture Notes in Electrical Engineering	275	LNEE	0	1	0	0	0
5337	2014	The impact of the "nogood processor" technique in scale-free networks	1860949X	Studies in Computational Intelligence	511		0	0	0	0	0
5338	2014	The hybrid nanofluid/microchannel cooling solution for concentrated photovoltaic cells	0094243X	Aip Conference Proceedings	1646		2	5	2	2	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5339	2014	Approaches in spatial data geoportals in environmental conservation - case study: National park in Romania	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	3	2	1	0	0	0	0
5340	2014	Aspects about the importance of oblique images in urban management	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	3	2	0	0	0	0	0
5341	2014	Study regarding the water contamination and the negative effects on the population from the BLAJ area, Romania	13115065	Journal of Environmental Protection and Ecology	15	4	1	0	0	0	0
5342	2014	Controversies regarding investments in green energy in Romania	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	4	0	0	0	0	0
5343	2014	Advance hydraulic modeling using mike 11, baraolt river, Romania	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1	3	1	0	0	0	0
5344	2014	The impact of fly ashes on the characteristics of 50/70 bitumen	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	4	0	0	0	0	0
5345	2014	Cultural heritage conserving using terrestrial laser scanning technology	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	2	0	0	0	0	0
5346	2014	Energy exchange in Romania: Realities and perspectives	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	3	5	0	0	0	0	0
5347	2014	The ecological restoration of mountain habitats by artificial regeneration	15894673	Journal of Landscape Ecology	12	2	0	0	0	0	0
5348	2014	New sebacic complex ester base oils lubricants with biodegradability potential	7243472	Tribologie Und Schmierungstechnik	61	2	0	0	0	0	0
5349	2014	More effective DPP4 inhibitors as antidiabetics based on sitagliptin applied QSAR and clinical methods	15734099	Current Computer Aided Drug Design	10	3	0	1	0	1	0
5350	2014	Influence of real cracks on chloride diffusion		13th Imeko Tc15 Youth Symposium on Experimental Solid Mechanics 2014			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5351	2014	Use of phosphorus-containing polymers for the removal of metal ions from wastewater	20440790	Rsc Polymer Chemistry Series	2014-Janu	11	1	0	0	1	1	
5352	2014	Simultaneous Arsenic (III) and Lead (II) detection from aqueous solution by anodic stripping square-wave voltammetry	15829596	Environmental Engineering and Management Journal	13	9	0	1	1	0	0	
5353	2014	Boron-doped diamond electrode-based advanced treatment methods for drinking water	15829596	Environmental Engineering and Management Journal	13	9	0	0	1	0	0	
5354	2014	Electrochemical degradation and determination of pentachlorophenol from water using TiO2-modified zeolite-carbon composite electrodes	15829596	Environmental Engineering and Management Journal	13	9	3	0	0	0	0	
5355	2014	Phonic pollution and strategic acoustic mapping with geographic information systems	15829596	Environmental Engineering and Management Journal	13	9	0	0	0	0	0	
5356	2014	Laser sinterization aspects of PA2200 biocompatible powder. Spinal cage application	10139826	Key Engineering Materials	638		1	0	0	0	0	
5357	2014	Computational Study of the Potential role of Chemotaxis in Enhancing the cell Seeding of Tissue Engineering Scaffolds	9269630	Studies in Health Technology and Informatics	205		0	0	0	0	0	
5358	2014	Pediatrics Prescriptions with Ontologies and Treatment Suggestions	9269630	Studies in Health Technology and Informatics	205		0	0	0	2	1	
5359	2014	Probabilistic saboteur-based simulated fault injection techniques for low supply voltage interconnects		Conference Proceedings 10th Conference on Ph D Research in Microelectronics and Electronics Prime 2014			0	0	0	0	0	
5360	2014	On the structural analysis of the mechanisms with elastic connections	22110984	Mechanisms and Machine Science	17		0	0	0	0	0	
5361	2014	Applications of the ackerman steering and electronic differential in modern electric drive automotive systems	22110984	Mechanisms and Machine Science	17		0	0	0	0	1	
5362	2014	An approach to fuzzy modeling of anti-lock braking systems	21945357	Advances in Intelligent Systems and Computing	223		0	1	0	1	0	

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5363	2014	Ultrasound image enhancement for visualization using spatially variant morphological filters	16800737	Ifmbe Proceedings	44		0	0	0	1	0
5364	2014	Automated book manipulator in libraries	22110984	Mechanisms and Machine Science	16		1	0	1	0	0
5365	2014	Electrochemical properties of fluorinated hydrazino-pyrazoles in [BMIM+][BF4 -] ionic liquid	15829596	Environmental Engineering and Management Journal	13	8	0	0	0	0	1
5366	2014	New technologies - between business and environmental protection in Romania	15829596	Environmental Engineering and Management Journal	13	8	0	0	0	0	1
5367	2014	Enterprise sustainability management: An emergent approach and research imperatives		Proceedings of the 24th International Business Information Management Association Conference Crafting Global Competitive Economies 2020 Vision Strategic Planning and Smart Implementation			0	1	0	0	0
5368	2014	Analytical approximate solutions for a general class of nonlinear delay differential equations	23566140	Scientific World Journal	2014		2	0	0	1	1
5369	2014	EduCRATE-A Virtual Hospital Architecture	9269630	Studies in Health Technology and Informatics	205		0	0	0	0	0
5370	2014	The soldering of electronic components with new alloys from Sn-Cu-Ag family		Metal 2014 23rd International Conference on Metallurgy and Materials Conference Proceedings			1	0	0	0	0
5371	2014	Spatial tactics as aesthetic urge. A case study on timișoara's partially failed urban activism	12248703	Studia Universitatis Babes Bolyai Sociologia	2014	2	0	0	1	0	0
5372	2014	Enhancing DisCSP-Netlogo from simulation to real-execution of agents in distributed constraints	18770509	Procedia Computer Science	35	C	1	0	1	0	0
5373	2014	CO2 capture and storage from fossil fuel power plants	18766102	Energy Procedia	63		16	16	13	11	15
5374	2014	High power wind generator designs with less or no PMs: An overview		2014 17th International Conference on Electrical Machines and Systems Icems 2014			4	2	3	3	4

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5375	2014	On the equivalence between canonical forms of recursive systematic convolutional transducers based on single shift registers	21693536	IEEE Access	2		0	0	0	0	0
5376	2014	Fuzzy logic applications in gears manufacturing	10226680	Advanced Materials Research	1036		1	0	0	0	0
5377	2014	On robertsonwalker solutions in noncommutative gauge gravity	21941009	Springer Proceedings in Mathematics and Statistics	111		1	0	0	0	0
5378	2014	Integrating linked data in mobile augmented reality applications	18650929	Communications in Computer and Information Science	465		2	1	1	1	0
5379	2014	Relevant aspects for the integration of linked data in mobile augmented reality applications for tourism	18650929	Communications in Computer and Information Science	465		2	2	1	2	1
5380	2014	LOD4AR: Exploring linked open data with a mobile augmented reality web application	16130073	Ceur Workshop Proceedings	1272		1	0	0	0	2
5381	2014	Armor with hyper-entropic behaviour and self-protection	16609336	Applied Mechanics and Materials	656		0	0	0	0	0
5382	2014	Developing a MOOC: The romanian experience	20488637	Proceedings of the European Conference on E Learning Ecel	2014-January		0	0	0	0	0
5383	2014	Development of a quality indicator system for haptic exoskeleton modules	16609336	Applied Mechanics and Materials	658		0	0	0	0	0
5384	2014	Dedicated gripper for books handlingin a library	22110984	Mechanisms and Machine Science	17		1	0	0	0	0
5385	2014	On the synthesis of a five bar linkage for linear trajectory using a CAD analysis	16609336	Applied Mechanics and Materials	658		0	0	0	0	0
5386	2014	Image processing and artificial neural network for robot application	16609336	Applied Mechanics and Materials	658		0	0	0	0	0
5387	2014	Control characteristics of haptic exoskeleton elbow module used in space robotised applications	16609336	Applied Mechanics and Materials	658		0	0	0	0	0
5388	2014	Analysis of the trajectory shape described by a robotic leg during a walking sequence	16609336	Applied Mechanics and Materials	658		0	0	1	0	0

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							2020	2021	2022	2023	2024		
5389	2014	Straight section influence on thermal and hydraulic performances for a wavy air fin in a compact heat exchanger	16609336	Applied Mechanics and Materials	659		1	0	0	0	0		
5390	2014	Planar robot grasping planning based on symmetry	16609336	Applied Mechanics and Materials	658		0	1	0	0	0		
5391	2014	Numerical study of corrugation amplitude influence of a wavy fin in overall performance of a compact heat exchanger	16609336	Applied Mechanics and Materials	659		0	0	0	0	0		
5392	2014	Particle swarm optimization of fuzzy models for Anti-lock braking systems		2014 IEEE Conference on Evolving and Adaptive Intelligent Systems Eais 2014 Conference Proceedings			0	1	1	0	0		
5393	2014	Application of a finite element model in the diagnosis process of middle ear pathologies	12200522	Romanian Journal of Morphology and Embryology	55	4	0	0	0	1	0		
5394	2014	Unsteady pressure measurements of decelerated swirling flow in a discharge cone at lower runner speeds	17551307	Iop Conference Series Earth and Environmental Science	22		0	3	3	1	4		
5395	2014	Surrogate runner model for draft tube losses computation within a wide range of operating points	17551307	Iop Conference Series Earth and Environmental Science	22		0	3	0	0	0		
5396	2014	Velocity and pressure fluctuations induced by the precessing helical vortex in a conical diffuser	17551307	Iop Conference Series Earth and Environmental Science	22		1	2	0	1	2		
5397	2014	LDV measurements of the velocity field on the inlet section of a pumped storage equipped with a symmetrical suction elbow for variable discharge values	17551307	Iop Conference Series Earth and Environmental Science	22		1	0	0	0	0		
5398	2014	Search for nonpointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV pp collisions at the LHC using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	90	11	7	1	6	3	3		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5399	2014	Sine-wave amplitude estimation by a two-point interpolated DFT method robust to spectral interference from the image component		20th Imeko Tc4 Symposium on Measurements of Electrical Quantities Research on Electrical and Electronic Measurement for the Economic Upturn Together with 18th Tc4 International Workshop on ADC and Dca Modeling and Testing Iwadc 2014			0	0	0	0	0
5400	2014	Thermographic and microscopic evaluation of LARS knee ligament tearing	12200522	Romanian Journal of Morphology and Embryology	55		0	0	0	1	0
5401	2014	Towards the impact of design flaws on the resources used by an application	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	8907		1	0	0	0	0
5402	2014	Combustion process investigations in a disi engine fueled with butanol through thermodynamic analysis and optical diagnostics		Proceedings of the 27th International Conference on Efficiency Cost Optimization Simulation and Environmental Impact of Energy Systems ECOS 2014			0	0	0	0	0
5403	2014	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector	11266708	Journal of High Energy Physics	2014	11	11	1	5	1	1
5404	2014	Fiducial and differential cross sections of Higgs boson production measured in the four-lepton decay channel in pp collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	738		2	5	0	4	3
5405	2014	Defects detection on the welded thin steel plates using vibroacoustic method	10226680	Advanced Materials Research	1029		0	0	0	0	1
5406	2014	Experimental study of cooling enhancement using a Fe3O4 magnetic nanofluid, in an applied magnetic field	17426588	Journal of Physics Conference Series	547	1	0	3	1	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5407	2014	Determination of some mechanical properties of welded reinforcing steel with self-shielded wires by vibration tests	10226680	Advanced Materials Research	1029		0	0	0	0	0		
5408	2014	The effect of water pressure variation on cut surfaces quality during abrasive waterjet cutting of austenitic steels	10226680	Advanced Materials Research	1029		1	1	0	0	1		
5409	2014	Research on argon protection when using WIG welding	10226680	Advanced Materials Research	1029		0	0	0	1	0		
5410	2014	Reconditioning by welding of rims manufactured from nonferrous alloys	10226680	Advanced Materials Research	1029		0	0	0	0	0		
5411	2014	Kinetic and thermodynamic studies on methylene blue biosorption using corn-husk	20462069	Rsc Advances	4	107	13	14	10	13	15		
5412	2014	Adaptive control of Pantograph-catenary interaction force	11092777	Wseas Transactions on Systems	13		0	1	0	0	0		
5413	2014	An integrated process of ionic liquid pretreatment and enzymatic hydrolysis of lignocellulosic biomass with immobilised cellulase	19302126	Bioresources	9	4	2	2	0	0	1		
5414	2014	Polynomial least squares method for the solution of nonlinear volterra-fredholm integral equations	1024123X	Mathematical Problems in Engineering	2014		0	0	1	0	0		
5415	2014	Synthetic complex sebacic tetraesters base oils lubricants	7243472	Tribologie Und Schmierungstechnik	61	4	0	0	0	0	0		
5416	2014	Analysis of the foundation solutions for an assembly of tall buildings	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2	1	0	0	0	0	0		
5417	2014	Should we beware the inheritance?: An empirical study on the evolution of seven open source systems		Icsoft Ea 2014 Proceedings of the 9th International Conference on Software Engineering and Applications			0	0	0	0	3		
5418	2014	Scan rate dependent morphology of polyaniline films electrochemically deposited on nickel	14523981	International Journal of Electrochemical Science	9	12	9	3	2	2	3		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5419	2014	Effect of cylindrical metal obstacles on the propagation of bloch waves in a shielded circular 'mushroom' structures		8th European Conference on Antennas and Propagation Eucap 2014			0	0	0	0	0		
5420	2014	Online identification of evolving Takagi-Sugeno-Kang fuzzy models for crane systems	15684946	Applied Soft Computing	24		6	1	2	2	1		
5421	2014	Adaptive GSA-based optimal tuning of PI controlled servo systems with reduced process parametric sensitivity, robust stability and controller robustness	21682267	IEEE Transactions on Cybernetics	44	11	3	4	3	6	2		
5422	2014	IR spectroscopy of the flour from bones of European hare	18423582	Digest Journal of Nanomaterials and Biostructures	9	4	0	2	2	1	0		
5423	2014	Influence of 5,10,15,20-tetrakis(4-pyridyl)-21H,23H-porphyrin on the corrosion of steel in aqueous sulfuric acid	18423582	Digest Journal of Nanomaterials and Biostructures	9	2	2	0	0	1	0		
5424	2014	Greenhouse climate control enhancement by using genetic algorithms	14548658	Control Engineering and Applied Informatics	16	3	1	2	1	0	2		
5425	2014	Highly ordered nanostructured magnetite and maghemite of micrometric sized and rhombohedral habit		Technical Proceedings of the 2014 Nsti Nanotechnology Conference and Expo Nsti Nanotech 2014	1		0	0	0	1	0		
5426	2014	Fixed point theory and the Ulam stability	23148896	Journal of Function Spaces	2014		9	10	6	10	3		
5427	2014	Single crystalline iron oxide micrometric particles with superparamagnetic behaviour for MRI applications		Technical Proceedings of the 2014 Nsti Nanotechnology Conference and Expo Nsti Nanotech 2014	1		0	0	0	1	0		
5428	2014	Experimental investigation of the non-uniform inflow generated by the symmetrical suction elbow of a large pump	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	76	3	0	0	1	0	0		
5429	2014	In situ unsteady pressure measurements on the draft tube cone of the francis turbine with air injection over an extended operating range	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	76	3	2	11	6	4	4		
5430	2014	Envelope detector with denoising to improve the detection probability	15503607	IEEE International Conference on Communications			1	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5431	2014	Kalman-based tracker for multiple radar targets	15503607	IEEE International Conference on Communications			2	1	1	2	0	
5432	2014	Evaluation of different methods for combined thermodynamic and optical analysis of combustion in spark ignition engines	1968904	Energy Conversion and Management	87		2	2	2	1	0	
5433	2014	Bacterial Foraging Optimization approach to the controller tuning for automotive torque motors		IEEE International Symposium on Industrial Electronics			0	0	0	0	0	
5434	2014	Contingency-constrained congestion management and transmission cost allocation	17858860	Acta Polytechnica Hungarica	11	7	1	0	0	0	0	
5435	2014	Extension of liskov substitution principle and application to curriculum management	17858860	Acta Polytechnica Hungarica	11	7	0	0	0	0	0	
5436	2014	Fermionic oscillators and their connection with the isokinetic temperature	12211451	Romanian Reports in Physics	66	3	0	0	0	0	0	
5437	2014	Measurement of young's modulus and shear modulus of some structures welded using flux cored wire by vibration tests	10120394	Solid State Phenomena	216		0	0	0	0	0	
5438	2014	An evaluation of Sn-Cu-Ga and Sn-Cu-Ag solder alloys for applications within the electronics industry	10120394	Solid State Phenomena	216		2	0	0	0	0	
5439	2014	Determination of flexural properties of rigid PUR foams using digital image correlation	10120394	Solid State Phenomena	216		7	3	4	3	5	
5440	2014	Aluminium high speed drilling - Some technological aspects	10120394	Solid State Phenomena	216		0	0	0	0	0	
5441	2014	Crystallization of Ni-Cr-Si-B and Ni-Cr-Fe-Si-B amorphous alloys	10120394	Solid State Phenomena	216		0	1	0	0	0	
5442	2014	Optimizing the parameters of reactive sintering for in-situ fabrication of Al-Al2O3composites	10120394	Solid State Phenomena	216		0	0	1	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5443	2014	Determination of mechanical properties of chondrocytes in articular cartilage using atomic force microscopy	10120394	Solid State Phenomena	216		0	0	0	1	0	
5444	2014	Properties and microstructure of HVOF thermally sprayed carbide based coatings	10120394	Solid State Phenomena	216		0	1	0	0	0	
5445	2014	Damage detection in flux cored wire welded structures by using vibration testing	10120394	Solid State Phenomena	216		0	1	0	0	0	
5446	2014	On the issue of RC slabs with cut-out openings retrofitted by means of CFRP systems		Proceedings of the 12th International Conference on Steel Space and Composite Structures			0	0	0	0	0	
5447	2014	Retrofitting strategies of RC wall panels with cut-out openings using CFRP composites		Proceedings of the 12th International Conference on Steel Space and Composite Structures			0	0	0	0	0	
5448	2014	On the flow of a Walters-type B' viscoelastic fluid in a vertical channel with porous wall	179310	International Journal of Heat and Mass Transfer	79		9	3	2	3	1	
5449	2014	Bi-directional hybrid DC-DC converter with large conversion ratio for microgrid DC busses interface		2014 International Symposium on Power Electronics Electrical Drives Automation and Motion Speedam 2014			1	0	0	0	0	
5450	2014	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV	11266708	Journal of High Energy Physics	2014	8	0	0	2	0	0	
5451	2014	Adaptive hybrid Particle Swarm Optimization-Gravitational Search Algorithm for fuzzy controller tuning		Inista 2014 IEEE International Symposium on Innovations in Intelligent Systems and Applications Proceedings			5	1	0	2	0	
5452	2014	Material defects in ceramic crowns identification by optical coherence tomography and MicroCT	10139826	Key Engineering Materials	614		0	0	0	1	1	
5453	2014	Leadership in Sustainability	18650929	Communications in Computer and Information Science	425		0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5454	2014	Sine-wave parameter estimation by interpolated DFT method based on new cosine windows with high interference rejection capability	10512004	Digital Signal Processing A Review Journal	33		3	3	5	7	3
5455	2014	Relative positioning system using Inter-Robot Ultrasonic Localization Turret	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			1	0	0	0	0
5456	2014	Dynamic synchrophasor estimation in the presence of decaying DC offsets	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	1	0	0
5457	2014	Applications of smart metering and home appliances' power signatures	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	1	0	1
5458	2014	Evaluation of errors made in solar irradiance estimation due to averaging the Angstrom turbidity coefficient	1698095	Atmospheric Research	150		0	2	0	0	1
5459	2014	Predictive leading-edge modulation average current control in DC-DC converters		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5460	2014	Newborns' cry analysis classification using signal processing and data mining		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	1	0	0	0
5461	2014	5 phase BLDC-MRM: Design, control, FEA and steady-state operation experiments		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5462	2014	A new general mathematical technique for stability and bifurcation analysis of DC-DC converters applied to one-cycle controlled buck converters with non-ideal reset		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5463	2014	50/100 kW, 1350-7000 rpm (600 Nm peak torque, 40 kg) PM assisted Reluctance synchronous machine: Optimal design with FEM validation and vector control		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5464	2014	A new geometrical construction using rounded surfaces proposed for the transverse flux machine for direct drive wind turbine		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			2	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5465	2014	Parameter optimal identification of dual three phase stator winding induction machine		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	1	0	0
5466	2014	Comparative efficiency evaluation of buck and hybrid buck DC-DC converters for automotive applications		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	1	1	2	0
5467	2014	A novel design of stator Ferrite PM single phase doubly salient small motor: FEM characterization and controlled dynamics		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5468	2014	System model for performance evaluation VAMOS downlink transmission		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			1	0	0	0	0
5469	2014	On acoustic source localization in a reverberant environment based on image method		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5470	2014	Parallel and series 4 switch Z-source converters in induction motor drives		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5471	2014	Two-phase capacitor motor analysis in steady-state symmetrical conditions		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			0	0	0	0	0
5472	2014	Analysis of the dual input hybrid buck DC-DC converter in boundary conduction mode		2014 International Conference on Optimization of Electrical and Electronic Equipment Optim 2014			1	1	1	0	0
5473	2014	Enucleation: A possible mechanism of cancer cell death	15821838	Journal of Cellular and Molecular Medicine	18	6	3	0	1	1	0
5474	2014	Different approximations to the solution of upper-convected Maxwell fluid over a porous stretching plate	10853375	Abstract and Applied Analysis	2014		1	3	1	2	1
5475	2014	A solution of the parabolized Navier-Stokes stability model in discrete space by two-directional differential quadrature and application to swirl intense flows	8981221	Computers and Mathematics with Applications	68	3	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5476	2014	Ensemble based traffic light control for city zones using a reduced number of sensors	0968090X	Transportation Research Part C Emerging Technologies	46		1	0	0	1	0
5477	2014	Performance analysis of torque motor systems with PID controllers tuned by Bacterial Foraging Optimization algorithms		Civemsa 2014 2014 IEEE Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications Proceedings			1	1	0	0	1
5478	2014	Robotic arm control in 3D space using stereo distance calculation		2014 International Conference on Development and Application Systems Das 2014 Conference Proceedings			0	1	0	0	0
5479	2014	A numerical analysis of the harmonic impedance seen along a transmission overhead line	15406008	Proceedings of International Conference on Harmonics and Quality of Power Ichqp			2	0	0	1	0
5480	2014	Certified Business Process Manager: A transfer of innovation experience	14718197	International Journal of Innovation and Learning	16	1	0	0	0	0	0
5481	2014	Search for supersymmetry at $\sqrt{s}$ = 8 TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector	11266708	Journal of High Energy Physics	2014	6	3	4	2	4	2
5482	2014	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s}$ = 8 TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2014	6	1	4	2	3	0
5483	2014	Ultrasonic activated injection used on manufacturing thin wall plastic parts	16609336	Applied Mechanics and Materials	555		0	0	0	1	0
5484	2014	Tests on reinforced concrete slabs with cut-out openings strengthened with fibre-reinforced polymers	13598368	Composites Part B Engineering	66		5	8	8	7	5
5485	2014	Water pool boiling heat transfer enhancement for modified surface tubes	7351933	International Communications in Heat and Mass Transfer	50		0	0	1	0	0
5486	2014	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s}$ = 7 TeV using the ATLAS detector	11266708	Journal of High Energy Physics	2014	6	4	7	2	3	2
5487	2014	PSO based transmission network expansion planning		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5488	2014	Consideration on modeling, identification and control of double stator windings induction generator DSWIG		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5489	2014	User friendly IT services for monitoring and prevention during pregnancy	9269630	Studies in Health Technology and Informatics	202		0	0	0	0	0
5490	2014	MuSeNet: Natural patterns in the music artists industry		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0
5491	2014	Consideration about on-line parameters estimation of an induction generator model		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5492	2014	Comparison of modified Smith predictor and PID controller tuned by genetic algorithms for greenhouse climate control		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			4	1	1	1	1
5493	2014	Interaction understanding in the OSI model functionality of networks with case studies		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	1	0	0
5494	2014	Distribution network technical losses evaluation. Case study for a real 110 kV electrical network		Proceedings of the Mediterranean Electrotechnical Conference MELECON			1	0	0	0	0
5495	2014	A network motif based approach for classifying online social networks		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	0	5	3	3
5496	2014	Browser-based medical visualization system		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	0	0	1	0
5497	2014	Mobile data acquisition towards contextual risk assessment for better disease management in diabetes		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5498	2014	Applied process mining in software development		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	5	3	3	1

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							2020	2021	2022	2023	2024		
5499	2014	DeeDee-A mobile intelligent system able to assist a type 1 diabetic through the daily life		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5500	2014	The challenge of safety and security in automotive systems		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		
5501	2014	Virtual laboratory for a remotely operating robot arm		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	1	0		
5502	2014	G-code optimization algorithm and its application on printed circuit board drilling		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	4	0	2	2		
5503	2014	Economic assessment of some solar installations developed at the Politehnica University of Timisoara, Romania		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5504	2014	Controlling a flexible manufacturing system using a centralized supervisor based on parallel composition of Petri networks		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5505	2014	Clone detection algorithm based on the abstract syntax tree approach		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	3	0	1	3		
5506	2014	Application for robot motion planning		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5507	2014	Data-driven model-free adaptive control of twin rotor aerodynamic systems		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	0	1		
5508	2014	Skin diseases diagnosis using artificial neural networks		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	4	5	5	2		
5509	2014	A spatial approach in analyzing the structure and dynamics of the Romanian GDP		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		

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							2020	2021	2022	2023	2024		
5510	2014	Initialization and lost track recovery performance analysis of face features tracking		Saci 2014 9th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5511	2014	The influence of home nonlinear electric equipment operating modes on power quality	11092777	Wseas Transactions on Systems	13	1	1	0	0	2	0		
5512	2014	Harmonic analysis in functioning of an electrothermal installation with electromagnetic induction	11092777	Wseas Transactions on Systems	13	1	0	0	0	0	0		
5513	2014	Contributions on the extension of the optimal homotopy asymptotic method in solution of the flow of the polymeric materials	255289	Materiale Plastice	51	2	1	0	1	0	0		
5514	2014	Characteristics of Y2O3 powders prepared by solution combustion synthesis in the light of a new thermodynamic approach	2728842	Ceramics International	40	8 PART A	3	5	3	4	1		
5515	2014	Magnetite/carbon nanocomposites prepared by an innovative combustion synthesis technique - Excellent adsorbent materials	2728842	Ceramics International	40	8 PART B	2	3	3	3	5		
5516	2014	Biocatalytic synthesis of γ̂-gluconolactone and μ̂-caprolactone copolymers	0001527X	Acta Biochimica Polonica	61	2	1	2	0	0	0		
5517	2014	Cryptographic puzzles and DoS resilience, revisited	9251022	Designs Codes and Cryptography	73	1	2	0	0	0	0		
5518	2014	Supporting diagnosis and treatment in medical care based on big data processing	9269630	Studies in Health Technology and Informatics	197		1	3	0	1	1		
5519	2014	Computer assisted treatment prediction of low back pain pathologies	9269630	Studies in Health Technology and Informatics	197		1	1	0	0	0		
5520	2014	Approximate analytical solutions of the regularized long wave equation using the optimal homotopy perturbation method	23566140	Scientific World Journal	2014		3	2	2	2	1		
5521	2014	Some new remarks about the dynamics of an automobile with two trailers	1110757X	Journal of Applied Mathematics	2014		0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5522	2014	Adapting teaching strategies to global and analytic learning styles by real world engineering projects	21659559	IEEE Global Engineering Education Conference Educon			0	0	0	0	1
5523	2014	OCR application on smartphone for visually impaired people	18446035	Journal of Electrical and Electronics Engineering	7	1	0	0	0	1	0
5524	2014	Ultrasonication impregnation of florasil with 1-octyl-3-methylimidazolium tetrafluoroborate used as an adsorbent in the removal process of Cs+ from aqueous solutions	17433541	Wit Transactions on Ecology and the Environment	182		0	0	0	0	0
5525	2014	Prediction of thermally-controlled actuation for shape memory alloy film-based bimorph cantilevers	9641726	Smart Materials and Structures	23	7	2	2	2	2	0
5526	2014	Determination of quality factor used in road traffic. An experimental study		Sami 2014 IEEE 12th International Symposium on Applied Machine Intelligence and Informatics Proceedings			1	1	0	0	0
5527	2014	Model-free tuning solution for sliding mode control of servo systems		8th Annual IEEE International Systems Conference Syscon 2014 Proceedings			1	6	3	2	2
5528	2014	Study on microbiological quality and pollution control of groundwater from different areas in the alba county, romania	13115065	Journal of Environmental Protection and Ecology	15	1	1	1	0	1	0
5529	2014	Are free form architecture ecological buildings	13115065	Journal of Environmental Protection and Ecology	15	1	0	0	1	1	2
5530	2014	Failure assessment of the shaft of a pumped storage unit	8756758X	Fatigue and Fracture of Engineering Materials and Structures	37	7	0	0	1	2	2
5531	2014	Integration solutions for video data in educational platforms	18688799	International Journal of Emerging Technologies in Learning	9	8	1	0	0	0	0
5532	2014	Iterative data-driven tuning of controllers for nonlinear systems with constraints	2780046	IEEE Transactions on Industrial Electronics	61	11	4	4	6	5	3
5533	2014	Automotive electric motors, generators, and actuator drive systems with reduced or no permanent magnets and innovative design concepts	2780046	IEEE Transactions on Industrial Electronics	61	10	9	3	7	3	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5534	2014	Optical characterization of combustion processes in a DISI engine equipped with plasma-assisted ignition system	13594311	Applied Thermal Engineering	69	01-Feb	4	3	2	1	3
5535	2014	Correlations between mechanical properties and cavitation erosion resistance for stainless steels with 12% Chromium and variable contents of Nickel	17578981	Iop Conference Series Materials Science and Engineering	57	1	0	0	0	1	0
5536	2014	Cavitation erosion resistance of two steels with the same percentage of Chromium and Nickel but different Carbon content	17578981	Iop Conference Series Materials Science and Engineering	57	1	0	0	0	1	1
5537	2014	Dual rotor single-stator axial air gap PMSM motor/generator drive for high torque vehicles applications	17578981	Iop Conference Series Materials Science and Engineering	57	1	0	0	0	0	0
5538	2014	Statistical properties of the excited binomial states for the pseudoharmonic oscillator	5779073	Chinese Journal of Physics	52	2	0	0	0	0	0
5539	2014	Effective contrast-based dehazing for robust image matching	1545598X	IEEE Geoscience and Remote Sensing Letters	11	11	5	5	4	2	0
5540	2014	LDA measurements of unsteady velocity field for decelerated swirling flows with vortex rope in a discharge cone	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	76	2	0	1	0	0	1
5541	2014	Considerations for optimization of biological treatment process for small wastewater treatment plant	347752	Revista De Chimie	65	4	2	0	0	0	0
5542	2014	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	11266708	Journal of High Energy Physics	2014	2	1	0	2	2	0
5543	2014	Local ductility of steel elements under near-field earthquake loading	0143974X	Journal of Constructional Steel Research	101		0	1	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5544	2014	Removal of phenolic compounds from aqueous solutions using poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid	347752	Revista De Chimie	65	4	0	0	1	1	0
5545	2014	Seismic performance of multistorey steel frames with strain hardening friction dampers	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	15	2	0	0	0	0	0
5546	2014	Improving draft tube hydrodynamics over a wide operating range	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	15	2	1	3	0	1	1
5547	2014	Cathodic hydrogen evolution reaction on gold catalyzed by proton-carriers	14523981	International Journal of Electrochemical Science	9	8	2	2	1	0	1
5548	2014	Approximate periodic solutions for oscillatory phenomena Modelled by nonlinear differential equations	1024123X	Mathematical Problems in Engineering	2014		1	0	0	0	0
5549	2014	PV systems modelling and optimal control	1968904	Energy Conversion and Management	84		0	0	0	0	3
5550	2014	Structural integrity assessment for a component of the bucket-wheel excavator	17579864	International Journal of Structural Integrity	5	2	0	2	0	1	0
5551	2014	New multiphase hybrid boost converter with wide conversion ratio for PV system	1110662X	International Journal of Photoenergy	2014		2	0	1	0	1
5552	2014	Instability mode interaction: From Van der Neut model to ECBL approach	2638231	Thin Walled Structures	81		2	1	7	4	1
5553	2014	Influence of web members on the in-plane and out-of-plane capacities of steel storage upright frames	2638231	Thin Walled Structures	81		1	1	0	0	0
5554	2014	Plastic coupled instabilities of I-shaped steel beams	2638231	Thin Walled Structures	81		0	0	1	0	0
5555	2014	Averaging on manifolds by embedding algorithm	9249907	Journal of Mathematical Imaging and Vision	49	2	1	0	0	0	0
5556	2014	Stabilisation of continuous Z-purlins by sandwich panels: Full scale experimental approach	2638231	Thin Walled Structures	81		0	4	1	2	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5557	2014	Automotive electric propulsion systems with reduced or no permanent magnets: An overview	2780046	IEEE Transactions on Industrial Electronics	61	10	95	75	71	66	79
5558	2014	Glass foam from window panes and bottle glass wastes	18951066	Central European Journal of Chemistry	12	7	10	1	1	7	1
5559	2014	Fine tuning of CoFe ₂ O ₄ properties prepared by solution combustion synthesis	2728842	Ceramics International	40	7 PART B	4	1	1	5	4
5560	2014	New vitreous matrix for chromium waste immobilization	18951066	Central European Journal of Chemistry	12	7	1	0	0	0	0
5561	2014	A 2D chaotic path planning for mobile robots accomplishing boundary surveillance missions in adversarial conditions	10075704	Communications in Nonlinear Science and Numerical Simulation	19	10	6	6	4	9	3
5562	2014	Electrical and magnetic properties of Fe-based bulk metallic glass with minor Co and Ni addition	3048853	Journal of Magnetism and Magnetic Materials	364		5	4	2	1	2
5563	2014	A generalized form of Gr ^{ss} type inequality and other integral inequalities	10255834	Journal of Inequalities and Applications	2014	1	4	2	1	2	1
5564	2014	Failure analysis of RC shear walls with staggered openings under seismic loads	13506307	Engineering Failure Analysis	41		0	2	5	8	7
5565	2014	Dual approximate solutions of the unsteady viscous flow over a shrinking cylinder with optimal homotopy asymptotic method	16879120	Advances in Mathematical Physics	2014		2	3	1	2	1
5566	2014	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector	11266708	Journal of High Energy Physics	2014	4	0	3	1	4	1
5567	2014	Recursive procedure in the stability of Fr ^{chet} polynomials	16871839	Advances in Difference Equations	2014	1	1	0	2	2	1
5568	2014	Novel solution for automated processing of harvested rods in src nurseries	22839216	Chemical Engineering Transactions	37		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5569	2014	Exploitation of experimental design methods and mathematical modeling for improving fermentative biohydrogen production processes	12245984	Romanian Biotechnological Letters	19	2	1	0	1	0	0
5570	2014	The policy-mix in the Euro area: The role of financial stability	15452921	Economics Bulletin	34	2	0	0	1	0	0
5571	2014	A comparison of different forecasting models of the international trade in India	15452921	Economics Bulletin	34	1	0	0	0	0	0
5572	2014	Energy - Absorption and efficiency diagrams of rigid PUR foams	10139826	Key Engineering Materials	601		5	8	2	6	3
5573	2014	Experimental determination of mechanical properties of aluminium foams using digital image correlation	10139826	Key Engineering Materials	601		0	1	1	0	0
5574	2014	Analysis of deformation bands in polyurethane foams	10139826	Key Engineering Materials	601		2	0	2	0	0
5575	2014	Influence of the sampling rate on the measurements of the upper limb movements	10139826	Key Engineering Materials	601		0	1	0	0	0
5576	2014	Theoretical meso-model of Al2O3/ZrO2 ceramic response under compression	10139826	Key Engineering Materials	601		0	0	1	0	0
5577	2014	Measurement and analysis of noise generated in a tram rail wheel contact	10139826	Key Engineering Materials	601		0	0	0	1	0
5578	2014	Cyclic loading of polyetheretherketone at high tensile stress levels	10139826	Key Engineering Materials	601		0	0	0	0	0
5579	2014	Influence of cracks on chloride penetration in mortar specimens subjected to cyclic treatment	10139826	Key Engineering Materials	601		0	0	1	0	0
5580	2014	Influence of cracks on chloride penetration in mortar specimens subjected to cyclic treatment	10139826	Key Engineering Materials	601		0	0	1	0	0
5581	2014	Determination of young's modulus of hydroxyapatite doped with magnesium by vibration method	10139826	Key Engineering Materials	601		0	0	1	0	0

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							2020	2021	2022	2023	2024	
5582	2014	Study of multiple holes influence on theoretical stress concentration coefficient in case of cylindrical vessels	10139826	Key Engineering Materials	601		0	0	0	1	0	
5583	2014	Mathematical aspects regarding cracks behaviour in wood composites	10139826	Key Engineering Materials	601		0	0	0	0	0	
5584	2014	The effect of the secondary bending moment on the fracture strength evaluation of the laser welded joints from a web core sandwich structure	10139826	Key Engineering Materials	601		0	0	0	0	0	
5585	2014	Influence of acetabular liner design on periprosthetic pressures during daily activities	10139826	Key Engineering Materials	601		0	0	1	0	0	
5586	2014	Mechanical behaviour of nickel based amorphous alloys during tensile test at different strain rates	10139826	Key Engineering Materials	601		0	0	0	0	0	
5587	2014	Evaluation of the thermally sprayed cermet coatings adhesion by scratch test	10139826	Key Engineering Materials	601		0	0	0	0	0	
5588	2014	Clinical outcomes after Chevron procedure are better than pedobarographic results	10139826	Key Engineering Materials	601		0	0	0	0	0	
5589	2014	Uniaxial compression tests of metallic foams: A recipe	10139826	Key Engineering Materials	601		0	0	0	0	1	
5590	2014	Magnetic nanopowder as effective adsorbent for the removal of Congo Red from aqueous solution	2731223	Water Science and Technology	69	6	3	2	0	3	4	
5591	2014	Three-dimensional microstructural investigation of high magnetization nano-micro composite fluids using x-ray microcomputed tomography	9641726	Smart Materials and Structures	23	5	2	1	1	2	0	
5592	2014	JMODEX: Model extraction for verifying security properties of web applications		2014 Software Evolution Week IEEE Conference on Software Maintenance Reengineering and Reverse Engineering CSMR Wcre 2014 Proceedings			2	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5593	2014	Model inference and security testing in the spacios project		2014 Software Evolution Week IEEE Conference on Software Maintenance Reengineering and Reverse Engineering CSMR Wcre 2014 Proceedings			1	0	0	0	0		
5594	2014	Researches concerning LASER welding of diagnosis and control module	255289	Materiale Plastice	51	1	0	0	1	0	0		
5595	2014	Influence of ball milling on atomic structure and magnetic properties of Co40Fe22Ta8B30 glassy alloy	10445803	Materials Characterization	92		0	0	0	0	0		
5596	2014	Predictive trailing triangle modulation peak current control in DC-DC converters	19746059	International Review of Automatic Control	7	1	0	0	0	0	0		
5597	2014	Equivalent mechanical properties for cylindrical cell honeycomb core structure	2638223	Composite Structures	108	1	2	2	3	3	2		
5598	2014	Identification and visualization of vortices in by-pass graft flow	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	15	1	0	0	1	0	0		
5599	2014	Using web services to support the interoperability between healthcare information systems and CDS systems	14548658	Control Engineering and Applied Informatics	16	1	0	0	0	2	1		
5600	2014	Search for new phenomena in photon + jet events collected in proton-proton collisions at â~s = 8 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	728	1	2	0	0	1	1		
5601	2014	Adsorption of phenol and p-chlorophenol from aqueous solutions by magnetic nanopowder	2731223	Water Science and Technology	69	2	5	4	5	6	2		
5602	2014	Ultrasonic cavitation erosion of gas nitrided Ti-6Al-4V alloys	13504177	Ultrasonics Sonochemistry	21	4	3	3	5	9	4		
5603	2014	Low-temperature hydrothermal synthesis of the three-layered sodium cobaltite P3-NaxCoO2 (x â~% 0.60)	255408	Materials Research Bulletin	54		5	2	0	1	1		
5604	2014	An Acidophilic Bacterial-Archaeal-Fungal Ecosystem Linked to Formation of Ferruginous Crusts and Stalactites	1490451	Geomicrobiology Journal	31	5	0	1	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5605	2014	Corrosion and sliding wear behavior of Cr3Cr2-NiCr coatings alloyed by electron beam treatment	18426573	Optoelectronics and Advanced Materials Rapid Communications	8	01-Feb	0	0	0	1	0
5606	2014	Rheological behaviour of castor oil mixed with different pyromellitic esters	3525139	Journal of the Serbian Chemical Society	79	2	1	0	0	0	0
5607	2014	Erratum: Search for new phenomena in final states with large jet multiplicities and missing transverse momentum at $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS experiment (Journal of High Energy Physics (2013) 10 (130))	11266708	Journal of High Energy Physics	2014	1	1	0	0	0	0
5608	2014	2/4-POLE split-phase capacitor motor for small compressors: A comprehensive motor characterization	939994	IEEE Transactions on Industry Applications	50	1	3	3	2	4	2
5609	2014	Nowcasting solar irradiance using the sunshine number	1968904	Energy Conversion and Management	79		2	1	5	2	2
5610	2014	Applications of signatures to expert systems modelling	17858860	Acta Polytechnica Hungarica	11	2	1	38	34	8	4
5611	2014	Thermal stability of nanocrystalline 3R-CuCrO2	13880764	Journal of Nanoparticle Research	16	1	1	1	1	4	0
5612	2014	Fast synchrophasor estimation by means of frequency-domain and time-domain algorithms	189456	IEEE Transactions on Instrumentation and Measurement	63	2	5	7	11	6	4
5613	2014	A review of using thermoelasticity for structural integrity assessment	19718993	Frattura Ed Integrita Strutturale	8	27	2	0	2	0	0
5614	2014	Assessment of UMTS and averaged SED fracture criteria for U-notched specimens	10139826	Key Engineering Materials	577-578		0	0	0	0	0
5615	2014	Evaluation of generalized MTS criterion for mixed-mode fracture of polyurethane materials	10139826	Key Engineering Materials	577-578		0	0	0	2	0
5616	2014	Fullerenes patched by flowers with octagonal core	18951066	Central European Journal of Chemistry	12	1	0	0	0	0	0
5617	2014	Novel Adaptive Charged System Search algorithm for optimal tuning of fuzzy controllers	9574174	Expert Systems with Applications	41	4 PART 1	6	2	4	0	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5618	2014	The water based Al ₂ O ₃ nanofluid flow and heat transfer in tangential microtube heat sink with multiple inlets	179310	International Journal of Heat and Mass Transfer	69		3	5	3	1	1
5619	2014	Numerical bifurcation methods and their application to fluid dynamics: Analysis beyond simulation	18152406	Communications in Computational Physics	15	1	18	16	14	7	9
5620	2014	Correlation between materials, design and clinical issues in the case of associated use of different stainless steels as implant materials	10139826	Key Engineering Materials	583		1	0	0	0	0
5621	2014	Frequency estimation of a sinusoidal signal via a three-point interpolated DFT method with high image component interference rejection capability	10512004	Digital Signal Processing A Review Journal	24		10	8	3	5	4
5622	2014	Fabrication and characterization of superparamagnetic poly(vinyl pyrrolidone)/poly(L-lactide)/Fe ₃ O ₄ electrospun membranes	3048853	Journal of Magnetism and Magnetic Materials	352	1	2	1	1	0	0
5623	2014	On the statistical decorrelation of the 2D discrete wavelet transform coefficients of a wide sense stationary bivariate random process	10512004	Digital Signal Processing A Review Journal	24		0	1	0	0	0
5624	2014	Surface characterization of some CoCrMo dental alloys	10139826	Key Engineering Materials	583		0	0	0	0	0
5625	2014	Comparison of plantar arch index calculated from ink and electronic footprints	10139826	Key Engineering Materials	583		1	0	0	0	0
5626	2014	Cobalt based alloys for dental applications	10139826	Key Engineering Materials	583		0	0	1	0	0
5627	2014	Structural analysis of steels by cavitation erosion	10139826	Key Engineering Materials	583		0	0	0	0	0
5628	2013	A class of flux observers for doubly-fed induction generators used in small power wind generation systems		2013 IEEE Energy Conversion Congress and Exposition Ecce 2013			1	1	1	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5629	2013	High voltage conversion ratio, switched C & L cells, step-down DC-DC converter		2013 IEEE Energy Conversion Congress and Exposition Ecce 2013			2	3	1	1	1		
5630	2013	BLDC multiphase reluctance machines: A revival attempt with 2D FEM investigation and standstill tests		2013 IEEE Energy Conversion Congress and Exposition Ecce 2013			0	0	1	0	0		
5631	2013	Estimating directional smoothness of images with the aid of the hyperanalytic wavelet packet transform		Isscs 2013 International Symposium on Signals Circuits and Systems			0	0	0	0	0		
5632	2013	Impainting SONAR images by exemplar-based algorithm		Isscs 2013 International Symposium on Signals Circuits and Systems			0	0	0	0	0		
5633	2013	Passive intermodulation distortions induced by ferromagnetic materials at GSM frequencies		Isscs 2013 International Symposium on Signals Circuits and Systems			0	0	2	0	4		
5634	2013	PSO techniques for optimal power flow. Parameters tuning by mathematical test functions		2013 IEEE Grenoble Conference Powertech Powertech 2013			0	1	0	0	0		
5635	2013	Simulation and comparison of quarter-car passive suspension system with Bingham and Bouc-Wen MR semi-active suspension models	0094243X	Aip Conference Proceedings	1564		0	0	0	1	0		
5636	2013	Atmospheric transmittance model for photosynthetically active radiation	0094243X	Aip Conference Proceedings	1564		1	0	0	0	0		
5637	2013	Determination of mechanical properties of hydroxyapatite doped with magnesium	0094243X	Aip Conference Proceedings	1564		4	5	1	0	0		
5638	2013	Foundation solutions for buildings located in seismic zones, using geosynthetic reinforced granular materials cushions	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0		
5639	2013	Study of the causes of some soil settlings and side discharges on two embankments on DN57	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0		
5640	2013	Laboratory studies on sand with various geosynthetic reinforcement materials	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0		

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5641	2013	Foundation solution with hemispherical base elements	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0
5642	2013	Possible deficiencies at application of geosynthetic materials in some retaining walls	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0
5643	2013	Research concerning the mechanical resistances of soils stabilized with flying ashes	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0
5644	2013	Distance learning module for solar electricity with programing of MPPT		2013 15th European Conference on Power Electronics and Applications EPE 2013			0	0	0	0	1
5645	2013	Double stator winding induction generator for wind and hydro applications: 2D-FEM analysis and optimal design		2013 15th European Conference on Power Electronics and Applications EPE 2013			0	2	2	0	0
5646	2013	Proposal with 2D FEM analysis of a six phase, 12 poles, 3kW, 200 rpm BLDC multiphase reluctance machine wind generator		2013 15th European Conference on Power Electronics and Applications EPE 2013			0	0	0	0	0
5647	2013	Fabrication, characterization, and evaluation in drug release properties of magnetoactive poly(ethylene oxide)-poly(l -lactide) electrospun membranes	15257797	Biomacromolecules	14	12	5	3	1	1	2
5648	2013	Large scale multi-agent-based simulation using NetLogo for the multi-robot exploration problem	19354576	IEEE International Conference on Industrial Informatics Indin			0	0	0	0	0
5649	2013	Simulated annealing approach to fuzzy modeling of servo systems		2013 IEEE International Conference on Cybernetics Cybconf 2013			0	0	0	0	1
5650	2013	FPGA implementation of hybrid fixed point - Floating point multiplication		Proceedings of the 20th International Conference on Mixed Design of Integrated Circuits and Systems Mixdes 2013			0	0	0	1	0
5651	2013	Measurement of top quark polarization in top-antitop events from proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	319007	Physical Review Letters	111	23	0	5	2	3	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5652	2013	LabVIEW implementation of tracking filters for voltage dip detection		IEEE Eurocon 2013			1	0	0	1	0	
5653	2013	Transmission cost allocation and network usage in case of indirect power transfers		IEEE Eurocon 2013			0	0	0	0	0	
5654	2013	The implementation of the fuzzy logic controller for permanent magnet synchronous machines		IEEE Eurocon 2013			0	1	0	0	0	
5655	2013	Electric power quality issues: Harmonic analysis for real network		IEEE Eurocon 2013			0	1	0	1	0	
5656	2013	Virtual power plant strategy for renewable resources aggregation		IEEE Eurocon 2013			3	0	0	0	0	
5657	2013	Data-based tuning of linear controllers for MIMO twin rotor systems		IEEE Eurocon 2013			0	1	0	0	1	
5658	2013	PSO based OPF algorithm		IEEE Eurocon 2013			0	0	1	0	1	
5659	2013	A cubic spline interpolation algorithm implemented on a system with digital signal processor	23260262	Signal Processing Algorithms Architectures Arrangements and Applications Conference Proceedings SPA			0	0	0	0	0	
5660	2013	NdFeB versus ferrite IPM motor for automotive a.c. compressor electric driving: Modeling and FEM-embedded optimal design	15824594	Journal of Electrical Engineering	13	3	0	0	0	0	0	
5661	2013	Remotely commanding the lynxmotion AL5 type robotic arms		2013 21st Telecommunications Forum Telfor Telfor 2013 Proceedings of Papers			0	3	1	0	0	
5662	2013	Automatic pre-processing of images for Tree Drawing Test		2013 21st Telecommunications Forum Telfor Telfor 2013 Proceedings of Papers			0	0	0	0	0	
5663	2013	Practical aspects regarding implementation of real time WSN applications based on IEEE 802.15.4		2013 21st Telecommunications Forum Telfor Telfor 2013 Proceedings of Papers			0	1	0	0	0	
5664	2013	Controlling a robotic arm in the 3D space with stereo vision		2013 21st Telecommunications Forum Telfor Telfor 2013 Proceedings of Papers			1	2	0	3	0	
5665	2013	Patterned surface with added corrugations in view of displacing EBGs to lower frequencies	15223965	IEEE Antennas and Propagation Society AP S International Symposium Digest			0	0	0	0	0	
5666	2013	Forecasting WiMAX traffic by data mining methodology	16871472	Eurasip Journal on Wireless Communications and Networking	2013	1	0	0	0	0	0	

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5667	2013	Modeling sine-wave image component contribution to discrete spectrum		19th Imeko Tc4 Symposium Measurements of Electrical Quantities 2013 and 17th International Workshop on ADC and DAC Modelling and Testing			0	0	0	0	0		
5668	2013	Toward traffic movement optimization using adaptive inter-traffic signaling		Cinti 2013 14th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5669	2013	Discussions on the Procedure and Results of an Evaluation health program regarding spinal deformity in school-aged children		2013 E Health and Bioengineering Conference Ehb 2013			0	0	0	0	0		
5670	2013	Nitinol artificial anterior cruciate ligament: A finite element study		2013 E Health and Bioengineering Conference Ehb 2013			0	0	0	0	0		
5671	2013	Motion planning for manipulators in dynamically changing environments using real-time mapping of free workspace		Cinti 2013 14th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			1	0	1	0	0		
5672	2013	Adaptable fuzzy control solutions for driving systems working under continuously variable conditions		Cinti 2013 14th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5673	2013	ICT solution for assisted diagnosis based on monitoring in cardiology departments		2013 E Health and Bioengineering Conference Ehb 2013			0	0	0	1	0		
5674	2013	Integrated starter-alternator control system for automotive		Cinti 2013 14th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			1	1	0	1	0		
5675	2013	Assisted prescription based on successful treatments		2013 E Health and Bioengineering Conference Ehb 2013			0	0	0	0	0		
5676	2013	Analytical model to determine the quality factor used in transport network		Cinti 2013 14th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5677	2013	A case study of automated testing implementation in the automotive industry		Cinti 2013 14th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5678	2013	Constrained data-driven controller tuning for nonlinear systems		IECON Proceedings Industrial Electronics Conference			0	0	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5679	2013	Low-cost ferrite permanent magnet assisted synchronous reluctance rotor an alternative solution for rare earth permanent magnet synchronous motors		IECON Proceedings Industrial Electronics Conference			3	2	2	1	1
5680	2013	Super-twisting sliding mode control of torque and flux in permanent magnet synchronous machine drives		IECON Proceedings Industrial Electronics Conference			9	7	8	8	3
5681	2013	Dynamic models adaptation for a 4 Inj - 2PP common-rail pressure system		IECON Proceedings Industrial Electronics Conference			0	0	0	0	0
5682	2013	Design, control and 2D-FEM validation for an Double Stator Winding Induction Generator		IECON Proceedings Industrial Electronics Conference			3	1	0	0	0
5683	2013	Failure cause analysis of a 5 kw wind turbine blade in extreme wind conditions	255289	Materiale Plastice	50	4	0	0	0	0	0
5684	2013	Surface NdFeB versus Ferrite IPM motor drive for low power (100W to 2000W) applications: FEM embedded optimal design with full step torque response validation in sensorless vector control		IECON Proceedings Industrial Electronics Conference			1	0	0	0	0
5685	2013	Automotive radar target tracking by Kalman filtering		2013 11th International Conference on Telecommunications in Modern Satellite Cable and Broadcasting Services Telsiks 2013	2		4	1	1	4	2
5686	2013	Oxidative polymerization of lignins by laccase in water-acetone mixture	0001527X	Acta Biochimica Polonica	60	4	4	1	2	2	4
5687	2013	Finding errors in python programs using dynamic symbolic execution	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	8254 LNCS		0	0	0	1	1
5688	2013	A novel approach for automated car body panel fitting		Rose 2013 2013 IEEE International Symposium on Robotic and Sensors Environments Proceedings			0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5689	2013	Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector	11266708	Journal of High Energy Physics	2013	10	0	3	1	2	0
5690	2013	Evaluation of soil heavy metal pollution in the Zlatna region	13115065	Journal of Environmental Protection and Ecology	14	4	0	1	0	0	3
5691	2013	Hybrid PSO-GSA robot path planning algorithm in static environments with danger zones		2013 17th International Conference on System Theory Control and Computing Icstcc 2013 Joint Conference of Sintes 2013 Saccs 2013 Simsis 2013 Proceedings			2	1	2	1	3
5692	2013	Simulator based study of robot alignment and localization		Rose 2013 2013 IEEE International Symposium on Robotic and Sensors Environments Proceedings			0	0	0	0	0
5693	2013	Network fidelity: A metric to quantify the similarity and realism of complex networks		Proceedings 2013 IEEE 3rd International Conference on Cloud and Green Computing Cgc 2013 and 2013 IEEE 3rd International Conference on Social Computing and Its Applications Sca 2013			0	0	0	0	0
5694	2013	Evolutionary optimization-based training of convolutional neural networks for OCR applications		2013 17th International Conference on System Theory Control and Computing Icstcc 2013 Joint Conference of Sintes 2013 Saccs 2013 Simsis 2013 Proceedings			1	1	2	1	0
5695	2013	Bridging Dolev-Yao adversaries and control systems with time-sensitive channels	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	8328 LNCS		0	0	0	0	0
5696	2013	Multi-non-binary turbo codes	16871472	Eurasip Journal on Wireless Communications and Networking	2013	1	1	0	0	0	0
5697	2013	Studies on dryness and drought for timis county using dry period index and pinna combinative index	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	0	0
5698	2013	Robustness of structures-a new approach of vulnerability and structural reliability	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5699	2013	Environment protection assurance using efficient plants and procedures for sewage treatment	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	1	0	0	0
5700	2013	Assesment of cracking index and characteristic contraction due to concrete'shrinkage	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	0	0
5701	2013	Anti-cracking technical solutions applied on Romanian public roads	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	0	0
5702	2013	Proposals for improving the Romanian calculation method for flexible and semi-rigid pavements	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	0	0
5703	2013	Influence of heating systems on indoor environment in buildings	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	0	0	0	0
5704	2013	Earthquake architecture-transdisciplinary branch that generates local identity	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	0	0
5705	2013	Sustainable self compacted concrete realized with industrial wastes	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	0	0
5706	2013	A theoretical and experimental study regarding some mechanical properties of a melamino-formaldehyde based biocomposite reinforced with hemp shives	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	0	0
5707	2013	Modeling road pavements taking into consideration the thermo-physical characteristics of the layers	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			0	0	0	1	0
5708	2013	Influence of micropolar parameters on the stability domain in a Rayleigh-BÃ©nard convection problem - A reliable numerical study	11268042	Italian Journal of Pure and Applied Mathematics		31	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5709	2013	Economical importance of eye-bar in the rehabilitation of cantilever steel bridge traian	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0
5710	2013	Impact of structural rehabilitation of existing buildings on energy saving in constructions	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem			1	0	0	0	0
5711	2013	Creating a serial driver chip for commanding robotic arms		2013 Federated Conference on Computer Science and Information Systems Fedcsis 2013			0	0	0	0	0
5712	2013	Closed cycle process investigations for arsenic removal from waters using adsorption on iron-containing materials followed by waste immobilization		Arsenic Sources Environmental Impact Toxicity and Human Health A Medical Geology Perspective			0	1	0	1	0
5713	2013	Effect of the substitution element in in CoFe2-xIn xO4 on morphology, magnetic and optical properties	2811847	Physica Scripta	T157		0	1	0	0	0
5714	2013	Hydrothermal synthesis and optical characterization of Ni-doped CuCrO 2 nanocrystals	2811847	Physica Scripta	T157		1	1	0	0	1
5715	2013	Modelling and control of a springless resonant linear permanent magnet oscillomotor	17518660	Iet Electric Power Applications	7	2	2	3	0	1	1
5716	2013	NiAl2O4 prepared by combustion synthesis	15833186	Revista Romana De Materiale Romanian Journal of Materials	43	4	0	1	0	0	0
5717	2013	Thermal behaviour and kinetic study of some triazoles as potential anti-inflammatory agents	13886150	Journal of Thermal Analysis and Calorimetry	114	3	1	0	1	0	1
5718	2013	Seismic behaviour of reinforced concrete shear walls with regular and staggered openings after the strong earthquakes between 2009 and 2011	13506307	Engineering Failure Analysis	34		2	4	8	6	6
5719	2013	Novel Glycopolymers Based on d-Mannose and Methacrylates: Synthesis, Thermal Stability and Biodegradability Testing	15662543	Journal of Polymers and the Environment	21	4	1	1	4	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5720	2013	Compression methods for mechanical vibration signals: Application to the plane engines	8883270	Mechanical Systems and Signal Processing	41	01-Feb	2	0	0	4	3	
5721	2013	Construction of the Barut-Girardello quasi coherent states for the Morse potential	34916	Annals of Physics	339		4	2	1	3	0	
5722	2013	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2013	6	1	2	0	0	3	
5723	2013	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector	11266708	Journal of High Energy Physics	2013	4	4	1	4	0	3	
5724	2013	Search for charged Higgs bosons through the violation of lepton universality in tt events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment	11266708	Journal of High Energy Physics	2013	3	2	1	1	0	3	
5725	2013	The architect / structural engineer relationship - A symmetrical symbiosis		Structures and Architecture Concepts Applications and Challenges Proceedings of the 2nd International Conference on Structures and Architecture Icsa 2013			0	0	0	0	0	
5726	2013	Creating 3D models of heritage objects using photogrammetric image processing	0094243X	Aip Conference Proceedings	1558		0	0	1	0	2	
5727	2013	Assessment and prediction of inter-joint upper limb movement correlations based on kinematic analysis and statistical regression	0094243X	Aip Conference Proceedings	1558		0	0	0	1	0	
5728	2013	Mathematical model to determine the acceleration to the elements of the laboratory model to the 8000kN shears	0094243X	Aip Conference Proceedings	1558		0	0	0	0	0	
5729	2013	Numerical investigation of Dean vortices in a curved pipe	0094243X	Aip Conference Proceedings	1558		1	0	1	1	0	
5730	2013	Mathematical modeling of micro-coolers added in the continuous casting tundish	0094243X	Aip Conference Proceedings	1558		0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5731	2013	Mathematical model for studying the variation of the electrical parameters in functioning of nonlinear loads	0094243X	Aip Conference Proceedings	1558		0	0	0	1	2	
5732	2013	A shift algebra problem with application to harmonic signal models	0094243X	Aip Conference Proceedings	1558		3	0	0	0	0	
5733	2013	Proper orthogonal decomposition method in swirling flows applications	0094243X	Aip Conference Proceedings	1558		0	0	2	0	1	
5734	2013	Numerical simulation of phase transitions in heating or refrigeration processes	0094243X	Aip Conference Proceedings	1558		0	0	0	0	0	
5735	2013	Numerical simulation of the swirl generator discharge cone at lower runner speeds	0094243X	Aip Conference Proceedings	1558		0	0	0	0	0	
5736	2013	Vortices in by-pass graft flow	0094243X	Aip Conference Proceedings	1558		0	0	0	0	0	
5737	2013	On some multiplication operator algebra problem with application to stochastic signal models	0094243X	Aip Conference Proceedings	1558		0	0	0	0	0	
5738	2013	Mathematical model regarding at addition of microcoolers in tundish of continuous casting machines	0094243X	Aip Conference Proceedings	1558		0	0	0	0	0	
5739	2013	Employing 2DoF PID controllers to improve greenhouse climate system robustness		Icsse 2013 IEEE International Conference on System Science and Engineering Proceedings			0	0	0	0	0	
5740	2013	A study on the effect of FSW parameters on mechanical and microstructural properties of AA2124/SiC/25%P-T4 metal composite	15822214	Metalurgia International	18	8	0	0	0	0	0	
5741	2013	Subsurface treatment of a contact subjected to a hertz pressure	207403	International Journal of Mechanical Sciences	77		0	0	1	0	0	
5742	2013	A classification of solutions for the energy limitation in Wireless Sensor Networks		Iccc 2013 IEEE 9th International Conference on Computational Cybernetics Proceedings			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5743	2013	Low-cost neuro-fuzzy control solution for servo systems with variable parameters		2013 IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications Civemsa 2013 Proceedings			0	0	0	0	1
5744	2013	Solutions to avoid the worst case scenario in driving systems working under continuously variable conditions		Iccc 2013 IEEE 9th International Conference on Computational Cybernetics Proceedings			0	0	0	0	0
5745	2013	Water level control system using PLC and wireless sensors		Iccc 2013 IEEE 9th International Conference on Computational Cybernetics Proceedings			1	4	2	4	2
5746	2013	Analysis through simulation of a self-tuning control structure for dual winded induction generator		Iccc 2013 IEEE 9th International Conference on Computational Cybernetics Proceedings			1	0	0	1	0
5747	2013	Integral forms for some inequalities	13128876	International Journal of Mathematical Analysis	7	53-56	0	0	0	0	0
5748	2013	Data-driven reference trajectory tracking algorithm and experimental validation	15513203	IEEE Transactions on Industrial Informatics	9	4	3	4	7	3	2
5749	2013	Efficiency improvement in multi-sensor wireless network based estimation algorithms for distributed parameter systems with application at the heat transfer	16876172	Eurasip Journal on Advances in Signal Processing	2013	1	1	1	0	1	0
5750	2013	Efficient protocols for secure broadcast in controller area networks	15513203	IEEE Transactions on Industrial Informatics	9	4	17	16	13	13	7
5751	2013	Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC	11266708	Journal of High Energy Physics	2013	11	12	15	10	10	8
5752	2013	Evaluation of the renal calculi compositions: Thermal and FT-IR analysis	13886150	Journal of Thermal Analysis and Calorimetry	114	2	0	0	0	0	0
5753	2013	Biogas generation from corn stalks and corn stalks bagasse resulted from ethanol production	12245984	Romanian Biotechnological Letters	18	6	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5754	2013	A low cost system for testing and monitoring the performance of photovoltaic module	15827445	Advances in Electrical and Computer Engineering	13	4	0	0	0	0	0
5755	2013	Predictive trailing-edge modulation average current control in DC-DC converters	15827445	Advances in Electrical and Computer Engineering	13	4	0	1	0	0	0
5756	2013	The influence of the international oil prices on the real effective exchange rate in Romania in a wavelet transform framework	1409883	Energy Economics	40		7	8	12	8	6
5757	2013	Face expression recognition: A brief overview of the last decade		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			5	2	3	1	1
5758	2013	Using data mining for mobile communication clustering and characterization		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0
5759	2013	Feasibility of a solar swimming pool in the western part of Romania		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5760	2013	Synthesis of an articulated ten bar mechanism for building a walking robot		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5761	2013	Performance evaluation of a face detection algorithm running on general purpose operating systems		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5762	2013	A model to estimate the throughput value for a transport network		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5763	2013	Extracting high-level user context from low-level mobile sensors data		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
5764	2013	Parameters influence in electric arc modeling		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5765	2013	An approach on mathematical modeling of photovoltaic solar panels		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	1	3	2	0	
5766	2013	Process modeling and assisted diagnosis in spinal recovery		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0	
5767	2013	Labview remote panels and Web services in solar energy experiment - A comparative evaluation		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	2	0	0	
5768	2013	Development and modeling of different scenarios for a smart distribution grid		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
5769	2013	Patient empowerment by increasing the understanding of medical language for lay users	261270	Methods of Information in Medicine	52	5	2	0	1	0	0	
5770	2013	Distributed flow controller for mobile ad-hoc networks		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0	
5771	2013	Performance enhancement of galvanometer scanners using extended control structures		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	2	
5772	2013	OMNeT++ framework for efficient simulation of vertical handover decision algorithms		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
5773	2013	Maximum flow minimum cost algorithm for reconstruction of images represented on the triangular grid		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0	
5774	2013	Energy efficiency in real-time systems: A brief overview		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	1	
5775	2013	Nrobotic mobile robot navigation using traffic signs in unknown indoor environments		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5776	2013	PV control system based on short-circuit current		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0		
5777	2013	High efficiency power converters for renewable sources of energy		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5778	2013	Urban traffic congestion prediction based on routes information		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	1		
5779	2013	A new trend in automotive software: AUTOSAR concept		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	1	0		
5780	2013	2-DOF control solutions for an electric drive system under continuously variable conditions		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5781	2013	Modeling and control of an Electric drive system with continuously variable reference, moment of inertia and load disturbance		2013 9th Asian Control Conference Ascc 2013			0	0	1	1	1		
5782	2013	Simulated annealing-based optimization of fuzzy models for magnetic levitation systems		Proceedings of the 2013 Joint Ifsa World Congress and NAFIPS Annual Meeting Ifsa NAFIPS 2013			0	0	0	0	0		
5783	2013	Artificial intelligence based TNEP. Part 1: Mathematical models		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5784	2013	Common-rail pressure estimation using a Neuro-Fuzzy architecture with local Hammerstein models		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	1	0		
5785	2013	A dialog based game component for a competencies based e-learning framework		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	1	0		
5786	2013	Designing complex Petri nets using submodels with application in flexible manufacturing systems		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5787	2013	Novel network selection algorithm based on fuzzy inference		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	1	0	0		
5788	2013	Face identification using kinect technology		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
5789	2013	Voltage control in a microgrid using demand response		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	0	0		
5790	2013	V/f control strategy with constant power factor for SPMSM drives, with experiments		Saci 2013 8th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	3	0	0		
5791	2013	LambdaFicator: From imperative to functional programming through automated refactoring	2705257	Proceedings International Conference on Software Engineering			1	1	8	3	4		
5792	2013	Systolic simplicial complexes are collapsible	12203874	Bulletin Mathematique De La Societe Des Sciences Mathematiques De Roumanie	56	2	1	0	0	0	0		
5793	2013	Vibration tests at thin stainless steel sheets joined by CMT pulse with cus3 filler material for determination of the elasticity modulus	10226680	Advanced Materials Research	814		1	0	0	0	0		
5794	2013	Deconstruction of existing railway and highway bridges	10226680	Advanced Materials Research	814		0	0	0	0	0		
5795	2013	Determination of the elastic modulus of hydroxyapatite doped with magnesium through nondestructive testing	10226680	Advanced Materials Research	814		3	5	0	0	0		
5796	2013	Eye bars - pins connections	10226680	Advanced Materials Research	814		0	0	0	0	0		
5797	2013	Composite dowels in bridges - efficient solution	10226680	Advanced Materials Research	814		1	3	0	2	1		
5798	2013	Noise source monitoring in industrial and residential mixed areas	16609336	Applied Mechanics and Materials	430		0	1	1	0	0		
5799	2013	Approximate solutions to a cantilever beam using Optimal Homotopy Asymptotic Method	16609336	Applied Mechanics and Materials	430		0	0	0	0	0		
5800	2013	Noise control in an industrial hall	16609336	Applied Mechanics and Materials	430		0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5801	2013	Approximate analytical solutions of nonlinear vibrations of a thin elastic plate	16609336	Applied Mechanics and Materials	430		0	0	0	1	0	
5802	2013	Some effects of rubberized asphalt on decreasing the phonic pollution	16609336	Applied Mechanics and Materials	430		0	0	3	0	1	
5803	2013	An analysis of forced vibrations to railway vehicles	16609336	Applied Mechanics and Materials	430		0	0	0	0	1	
5804	2013	Acoustical methods used in the study of concrete durability	16609336	Applied Mechanics and Materials	430		0	0	0	0	0	
5805	2013	Mechanical properties of hydroxyapatite doped with magnesium, used in bone implants	16609336	Applied Mechanics and Materials	430		2	2	2	1	2	
5806	2013	Optimal homotopy asymptotic approach to self-excited vibrations	16609336	Applied Mechanics and Materials	430		0	0	0	0	1	
5807	2013	Influence of vibrations on grain harvesters operator	16609336	Applied Mechanics and Materials	430		0	0	1	2	1	
5808	2013	The influence of the processing parameters in the ultrasonic activated injection and extrusion	16609336	Applied Mechanics and Materials	420		0	0	0	1	0	
5809	2013	Vibration tests for determination of longitudinal elasticity modulus and shear modulus of some structures welded with tubular wire	16609336	Applied Mechanics and Materials	430		0	0	0	0	0	
5810	2013	Dynamic analysis of a lower limb prosthesis	16609336	Applied Mechanics and Materials	430		0	0	0	1	0	
5811	2013	The use of elearning for an Age Friendly City (TAF CITY)		Proceedings of the Iadis International Conference Web Based Communities and Social Media 2013 Proceedings of the Iadis International Conference Collaborative Technologies 2013			0	0	0	0	0	
5812	2013	Parabolized Navier-Stokes model for study the interaction between roughness structures and concentrated vortices	10706631	Physics of Fluids	25	10	0	1	1	1	0	
5813	2013	Intangible assets identification and valuation in a company	16609336	Applied Mechanics and Materials	371		0	0	0	0	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5814	2013	Integrated product development using different collaborative tools in a PLM multisite platform	16609336	Applied Mechanics and Materials	371		0	0	0	0	0	
5815	2013	A point of view on functional approaches used in product design	16609336	Applied Mechanics and Materials	371		0	0	0	0	1	
5816	2013	Use of ontological classes in the exploration of user needs	16609336	Applied Mechanics and Materials	371		0	0	0	0	0	
5817	2013	Controlled properties of the thin films of Ni0.5Zn0.5Fe2O4- BaTiO3 ferrite-ferroelectric nanocomposites - simulational study	16609336	Applied Mechanics and Materials	371		0	0	0	0	0	
5818	2013	Dynamics of isolated-photon plus jet production in pp collisions at â~s=7 TeV with the ATLAS detector	5503213	Nuclear Physics B	875	3	3	3	0	2	2	
5819	2013	Optimum communication paths for mobile WSNs using genetic algorithms		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	0	0	0	
5820	2013	Creating a programming language for the AL5 type robotic arms		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	1	0	0	0	
5821	2013	Sparse feature for hand gesture recognition: A comparative study		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	0	0	0	
5822	2013	A cubic B-spline interpolation algorithm that uses the first derivative values of the input function in the knots		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	0	0	0	
5823	2013	MIMO antenna system for LTE		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	2	4	0	
5824	2013	A reinforcement learning strategy for task scheduling of WSNs with mobile nodes		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			1	0	0	1	1	
5825	2013	Development of a low-cost system for temperature monitoring		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	1	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5826	2013	Fieldbus performance prediction using DOE with D-Optimal analysis		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	0	0	0		
5827	2013	DOAF-A development framework for distributed applications		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	0	0	0		
5828	2013	DOAF-Replica localization module		2013 36th International Conference on Telecommunications and Signal Processing Tsp 2013			0	0	0	0	0		
5829	2013	Gravitational search algorithm-based design of fuzzy control systems with a reduced parametric sensitivity	200255	Information Sciences	247		6	3	3	2	1		
5830	2013	PAPR reduction of OFDM signals using adaptive companding scheme	18037232	International Conference on Applied Electronics			0	0	0	0	0		
5831	2013	Analysis of positive and negative sequence parameters of overhead power lines over transient phases caused by short-circuits		2013 8th International Symposium on Advanced Topics in Electrical Engineering Atee 2013			0	0	0	0	0		
5832	2013	Grid connection rules for electric cars integrated as virtual power plant in smart grids		2013 8th International Symposium on Advanced Topics in Electrical Engineering Atee 2013			0	0	0	1	0		
5833	2013	Characteristic properties of a magnetic nanofluid used as cooling and insulating medium in a power transformer		2013 8th International Symposium on Advanced Topics in Electrical Engineering Atee 2013			0	0	1	0	0		
5834	2013	Chelant-assisted phytoextraction and accumulation of Zn by Zea mays	3014797	Journal of Environmental Management	128		1	4	0	1	1		
5835	2013	Measurement of the azimuthal angle dependence of inclusive jet yields in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector	319007	Physical Review Letters	111	15	3	3	8	3	3		
5836	2013	A new method for calculating the transfer functions in quasiresonant converters	15827445	Advances in Electrical and Computer Engineering	13	3	0	0	0	0	0		
5837	2013	Building a module for inserting microformats into moodle	15827445	Advances in Electrical and Computer Engineering	13	3	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5838	2013	A Comparison of X-ray image segmentation techniques	15827445	Advances in Electrical and Computer Engineering	13	3	11	9	6	6	8
5839	2013	Enhanced segment compression steganographic algorithm	15827445	Advances in Electrical and Computer Engineering	13	3	0	0	0	0	0
5840	2013	Solar refrigerating systems	10226680	Advanced Materials Research	772		0	2	2	0	0
5841	2013	Computation and measurement of strand currents in a full-scale multistrand conductor	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	14	4	0	0	0	0	0
5842	2013	Pump inducer optimization based on cavitation criterion	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	14	4	1	0	0	0	0
5843	2013	Experiments in fuzzy controller tuning based on an adaptive gravitational search algorithm	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	14	4	0	0	0	0	0
5844	2013	Traffic replay compression (trc): A highly efficient method for handling parallel numerical simulation data	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	14	4	0	4	0	0	1
5845	2013	Cs+ removal from aqueous solutions through adsorption onto florisil® impregnated with trihexyl(tetradecyl)phosphonium chloride	14203049	Molecules	18	10	1	1	2	0	2
5846	2013	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	88	7	1	1	0	0	0
5847	2013	Design of hammer mills for optimum performance	10775463	JVC Journal of Vibration and Control	19	14	0	3	1	2	0
5848	2013	Doped Bi2Te3 nano-structured semiconductors obtained by ultrasonically assisted hydrothermal method	18951066	Central European Journal of Chemistry	11	10	0	1	0	1	0
5849	2013	Cellulase immobilized by sol-gel entrapment for efficient hydrolysis of cellulose	16157591	Bioprocess and Biosystems Engineering	36	10	5	3	5	3	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5850	2013	Computer aided diagnosis method for steatosis rating in ultrasound images using random forests	18444172	Medical Ultrasonography	15	3	0	6	2	2	6
5851	2013	Review of solar refrigeration and cooling systems	3787788	Energy and Buildings	67		38	21	27	16	25
5852	2013	Mechanical properties and weathering behavior of polypropylene-hemp shives composites	20909063	Journal of Chemistry			2	4	4	4	2
5853	2013	Particle swarm optimization techniques. Power systems applications		2013 6th International Conference on Human System Interactions Hsi 2013			3	2	1	2	0
5854	2013	Genetic algorithms. Power systems applications		2013 6th International Conference on Human System Interactions Hsi 2013			0	0	0	0	0
5855	2013	Technical solution for low impact storm water management in the urban area	13115065	Journal of Environmental Protection and Ecology	14	2	0	0	0	0	0
5856	2013	Direct combustion of the sewage sludge. Case study for the Timisoara municipal wastewater plant	13115065	Journal of Environmental Protection and Ecology	14	2	0	0	0	0	0
5857	2013	Environmental impact assessment and evaluation of road construction works in forest ecosystems	13115065	Journal of Environmental Protection and Ecology	14	2	1	0	0	1	0
5858	2013	Protection of the built fund in the fortress district and its revitalisation based on the closure of the traffic ring II	13115065	Journal of Environmental Protection and Ecology	14	2	0	0	0	0	0
5859	2013	Issues for monitoring the pollutants in waste waters and the environmental management system in metallurgy	13115065	Journal of Environmental Protection and Ecology	14	2	0	0	0	1	0
5860	2013	Enhancement of hydrogen evolution reaction on platinum cathode by proton carriers	3603199	International Journal of Hydrogen Energy	38	27	5	4	3	1	2
5861	2013	Compression ratio and blow-by rates estimation based on motored pressure trace analysis for an optical spark ignition engine	13594311	Applied Thermal Engineering	61	2	7	4	4	2	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5862	2013	Pretreatments applied for second generation ethanol production from agricultural lignocellulosic residues	12245984	Romanian Biotechnological Letters	18	5	0	0	0	0	0
5863	2013	Threshold determining for minabsLLR stopping criterion for turbo codes	161136	Frequenz	67	09-Oct	1	1	0	1	1
5864	2013	Influence of steel-concrete interaction in dissipative zones of frames: I - Experimental study	12299367	Steel and Composite Structures	15	3	1	0	3	2	7
5865	2013	Search for excited electrons and muons in $\sqrt{s}=8$ TeV proton-proton collisions with the ATLAS detector	13672630	New Journal of Physics	15		2	0	1	3	0
5866	2013	Influence of steel-concrete interaction in dissipative zones of frames: II - Numerical study	12299367	Steel and Composite Structures	15	3	0	0	4	0	3
5867	2013	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector	11266708	Journal of High Energy Physics	2013	9	6	2	4	3	2
5868	2013	WiMAX traffic analysis and base stations classification in terms of LRD	2664720	Expert Systems	30	4	0	0	0	0	0
5869	2013	Preparation of CuFe2O4/SiO2 nanocomposite starting from Cu(II)-Fe(III) carboxylates embedded in hybrid silica gels	13886150	Journal of Thermal Analysis and Calorimetry	113	3	0	3	1	0	3
5870	2013	Thermal behavior of Co(II) and Ni(II) hydroxycarboxylate complexes obtained by two original synthesis methods	13886150	Journal of Thermal Analysis and Calorimetry	113	3	0	1	1	0	0
5871	2013	Possibilities of joining galvanized sheet steel using the CMT method (cold metal transfer)	9507116	Welding International	27	9	1	0	2	3	2
5872	2013	A rikitake type system with one control	15313492	Discrete and Continuous Dynamical Systems Series B	18	7	0	2	2	2	1
5873	2013	Financial instability and ecb monetary policy	15452921	Economics Bulletin	33	1	2	3	1	4	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5874	2013	Performance of synchrophasor estimators in transient conditions: A comparative analysis	189456	IEEE Transactions on Instrumentation and Measurement	62	9	2	2	1	1	1
5875	2013	Relative localization methodology for autonomous robots in collaborative environments	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			1	0	0	0	0
5876	2013	Performance of synchrophasor measurements provided by the Weighted Least Squares approach	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			1	0	0	0	0
5877	2013	Mesoporous cobalt ferrite: A rival of platinum catalyst in methane combustion reaction	0926860X	Applied Catalysis A General	467		5	3	2	2	2
5878	2013	Parasitic elements modelling in thermoelectric modules	1751858X	Iet Circuits Devices and Systems	7	4	3	2	2	0	0
5879	2013	Design of cold-formed steel structures: Eurocode 3: Design of steel structures. Part 1-3 design of cold-formed steel structures		Design of Cold Formed Steel Structures Eurocode 3 Design of Steel Structures Part 1 3 Design of Cold Formed Steel Structures			3	2	3	7	4
5880	2013	Improved luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC	14346044	European Physical Journal C	73	8	3	2	3	7	4
5881	2013	Influence of thermal treatment on the formation of zirconia nanostructured powder by thermal decomposition of different precursors	220248	Journal of Crystal Growth	381		0	4	0	2	1
5882	2013	Risk management risk assessment techniques applied in automotive industry	15822559	Quality Access to Success	14	135	1	1	0	0	1
5883	2013	Synthesis of micrometric single crystalline magnetite with superparamagnetic properties for biomedical applications		Technical Proceedings of the 2013 Nsti Nanotechnology Conference and Expo Nsti Nanotech 2013	1		4	1	4	1	1
5884	2013	Measurement with the ATLAS detector of multi-particle azimuthal correlations in p + Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	725	01-Mar	8	3	7	5	7

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5885	2013	Measurement of charged-particle event shape variables in inclusive $\sqrt{s}=7$ TeV proton-proton interactions with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	88	3	2	1	2	1	1
5886	2013	Mathematical function of a signal generator for voltage dips analysis		Proceedings Uksim 15th International Conference on Computer Modelling and Simulation Uksim 2013			0	0	0	0	0
5887	2013	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s} = 2.76$ TeV and comparison to the inclusive jet cross-section at $\sqrt{s} = 7$ TeV using the ATLAS detector	14346044	European Physical Journal C	73	8	5	4	8	3	3
5888	2013	The Effect of Copper Alloying Element on the Corrosion Characteristics of Ti-Ni and Ternary Ni-Ti-Cu Meltspun Shape Memory Alloy Ribbons in 0.9% NaCl Solution	14523981	International Journal of Electrochemical Science	8	8	0	0	0	0	0
5889	2013	Research regarding the compression behaviour of ferrous briquettes	13303651	Tehnicki Vjesnik	20	4	0	0	1	0	0
5890	2013	Copper interlayer contribution on Nd:YAG laser welding of dissimilar Ti-6Al-4V alloy with X5CrNi18-10 steel	10599495	Journal of Materials Engineering and Performance	22	8	3	2	3	1	1
5891	2013	Synthetic adipic complex tetraesters as eco-friendly lubricants	9540075	Lubrication Science	25	5	0	0	0	0	0
5892	2013	Crack propagation paths in four point bend Aluminium-PMMA specimens	137944	Engineering Fracture Mechanics	108		5	2	4	3	2
5893	2013	The effect of different transport modes on urban PM10 levels in two European cities	489697	Science of the Total Environment	458-460		2	1	1	0	0
5894	2013	On some dynamical and geometrical properties of the Maxwell-Bloch equations with a quadratic control	3930440	Journal of Geometry and Physics	70		0	2	2	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5895	2013	Quantitative structure-activity relationship (QSAR). VI. Modeling the toxicity of aliphatic esters by means of molecular ovality descriptors	148237	Farmacia	61	4	1	0	0	0	0
5896	2013	Thickness dependence of the magnetoelastic effect of CoFe ₂ O ₄ films grown on piezoelectric substrates	218979	Journal of Applied Physics	114	4	0	0	0	1	0
5897	2013	On the feichtinger conjecture	10813810	Electronic Journal of Linear Algebra	26		0	0	0	1	0
5898	2013	Stable V/f control system with controlled power factor angle for permanent magnet synchronous motor drives	17518660	Iet Electric Power Applications	7	4	9	7	5	6	5
5899	2013	Advanced FEM analysis of steel pitched-roof portal frames with tapered members	10226680	Advanced Materials Research	710		0	0	0	0	0
5900	2013	Stability analysis and design of a class of MIMO fuzzy control systems	10641246	Journal of Intelligent and Fuzzy Systems	25	1	11	7	1	9	10
5901	2013	Electrochemical detection of fluoxetine using a boron-doped diamond electrode	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	5	3	1	1	0	1	1
5902	2013	Potentiometric detection and removal of copper using porphyrins	1752153X	Chemistry Central Journal	7	1	3	1	4	3	4
5903	2013	Cellular wind-power integration using remotely controlled pump hydro energy storage	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	14	3	0	0	1	0	0
5904	2013	Search for nonpointing photons in the diphoton and ETmiss final state in $\sqrt{s}=7$ TeV proton-proton collisions using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	88	1	1	0	2	2	1
5905	2013	Nanosized zinc and magnesium ferrites obtained from PVA-metal nitrates' solutions	13886150	Journal of Thermal Analysis and Calorimetry	113	1	1	1	0	1	1
5906	2013	Theoretic analysis and experimental evidence for relationships between the derivative thermogravimetric curves and the Gramm-Schmidt profiles	13886150	Journal of Thermal Analysis and Calorimetry	113	1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
5907	2013	Thermal decomposition of metal nitrates: PVA-TEOS gels for obtaining M(II) ferrite/silica nanocomposites	13886150	Journal of Thermal Analysis and Calorimetry	113	1	1	0	2	1	0
5908	2013	2-[1-(4-Bromophenyl)-3-hydroxy-3-(4-methoxyphenyl)propyl]cyclohexanol	16005368	Acta Crystallographica Section E Structure Reports Online	69	7	0	0	0	0	0
5909	2013	Density Operator in Terms of Coherent States Representation with the Applications in the Quantum Information	207748	International Journal of Theoretical Physics	52	7	0	2	1	0	0
5910	2013	Approximate polynomial solutions of the nonlinear Lane-Emden type equations arising in astrophysics using the squared remainder minimization method	104655	Computer Physics Communications	184	7	1	4	1	3	2
5911	2013	Structural form as ornament		Structures and Architecture New Concepts Applications and Challenges			0	0	0	0	0
5912	2013	The influence of micro coolers on the physical-mechanical characteristics of the steels used in making railway monoblock wheels	13303651	Tehnicky Vjesnik	20	3	0	0	0	0	0
5913	2013	Environmental management of the sewage sludge: Case study - The wastewater treatment plant of Timisoara	13303651	Tehnicky Vjesnik	20	3	0	0	0	0	0
5914	2013	New vitreous matrix for the lead wastes immobilization	15833186	Revista Romana De Materiale Romanian Journal of Materials	43	2	0	0	0	0	1
5915	2013	On the influence of the extrinsic information scaling coefficient on the performance of single and double binary turbo codes	15827445	Advances in Electrical and Computer Engineering	13	2	0	0	0	0	0
5916	2013	Financial stability and monetary policy: A reduced-form model for the euro area	15826163	Romanian Journal of Economic Forecasting	16	1	0	0	2	1	0
5917	2013	Search for a heavy narrow resonance decaying to e^+e^- , or $\mu^+\mu^-$, with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	723	01-Mar	0	0	1	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5918	2013	Synthesis of polyaniline nanostructures by electrochemical deposition on niobium	323861	Polymer	54	13	1	3	1	4	1
5919	2013	Search for a light charged Higgs boson in the decay channel $H \rightarrow \tau^+\tau^-$ in tt events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	14346044	European Physical Journal C	73	6	14	9	7	2	6
5920	2013	Rheological behavior of some oils additivated with mixed pyromellitic esters	12247154	Studia Universitatis Babes Bolyai Chemia		1	0	0	0	0	0
5921	2013	Laplacian and modified laplacian matrices for quantification of chemical structures	12247154	Studia Universitatis Babes Bolyai Chemia		1	0	0	0	0	0
5922	2013	Measurements of $W\bar{\nu}_\tau$ and $Z\bar{\nu}_\tau$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	11	4	2	3	6	2
5923	2013	Measurement of $W+W^-$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector and limits on anomalous WWZ and $WW\bar{\nu}_\tau$ couplings	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	11	8	5	0	2	2
5924	2013	The effect of copper alloying element on the corrosion characteristics of Ti-Ni and ternary Ni-Ti-Cu meltspun shape memory alloy ribbons in 0.9% NaCl solution	14523981	International Journal of Electrochemical Science	8	6	1	3	2	4	0
5925	2013	Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2013	6	3	2	2	4	4
5926	2013	Uniqueness of Fokker-Planck equations for spin lattice systems (I): Compact case	371912	Semigroup Forum	86	3	0	0	0	0	0
5927	2013	The influence of defects on the mechanical properties of some polyurethane materials	255289	Materiale Plastice	50	2	1	0	1	0	0
5928	2013	Particle motion in coronary serial stenoses	17433525	Wit Transactions on Biomedicine and Health	17		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
5929	2013	Study on the formation of MCr2O4/SiO2 nanocomposites from hybrid gels PVA-TEOS-metal nitrates	406031	Thermochimica Acta	564		0	0	0	1	0		
5930	2013	Considerations on the current harmonics of plate-type electrostatic precipitators power supplies	13921215	Elektronika Ir Elektrotehnika	19	5	1	0	0	1	0		
5931	2013	Search for long-lived, multi-charged particles in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	722	04-May	2	0	4	2	1		
5932	2013	The ellipsometrical study of adsorption-desorption of the corrosion inhibitors on metallic surfaces	12211451	Romanian Reports in Physics	65	1	0	0	2	1	0		
5933	2013	Erratum: Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $\sqrt{s}=7$ TeVpp collisions using 1fb-1of ATLAS data (Physical Review D (2012) 85 (012006) DOI: 10.1103/PhysRevD.85.012006)	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	9	0	1	0	0	1		
5934	2013	Measurement of kT splitting scales in W $\rightarrow \ell \bar{\nu}_\ell$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector	14346044	European Physical Journal C	73	5	1	2	1	0	1		
5935	2013	On using double power spectral density information for leak detection		Proceedings of the IEEE International Conference on Industrial Technology			0	0	0	0	0		
5936	2013	Flow-feedback method for mitigating the vortex rope in decelerated swirling flows	982202	Journal of Fluids Engineering Transactions of the ASME	135	6	4	4	5	6	8		
5937	2013	Stability problems for chua system with one linear control	1110757X	Journal of Applied Mathematics	2013		0	0	0	0	0		
5938	2013	Optimization of water distribution networks path	18196608	Arpn Journal of Engineering and Applied Sciences	8	5	0	2	0	0	0		
5939	2013	Considerations on the Mathematical model for Calculating the Single-phase Grounding	18446035	Journal of Electrical and Electronics Engineering	6	1	0	0	0	0	0		
5940	2013	Experimental evidence of erosion of critical load in interactive buckling	7339445	Journal of Structural Engineering United States	139	5	1	0	1	5	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5941	2013	Validation of static properties in unified modeling language models for cyber physical systems	18691951	Journal of Zhejiang University Science C	14	5	2	0	1	0	0
5942	2013	Observation of Associated Near-Side and Away-Side Long-Range Correlations in $\sqrt{s_{NN}}=5.02$ TeV Proton-Lead Collisions with the ATLAS Detector	319007	Physical Review Letters	110	18	28	32	25	26	29
5943	2013	Investigation of mixed mode I/II brittle fracture using ASCB specimen	3769429	International Journal of Fracture	181	1	0	4	5	5	7
5944	2013	Impedimetric detection of dopamine on poly(3-aminophenylboronic acid) modified skeleton nickel electrodes	13815148	Reactive and Functional Polymers	73	5	1	0	0	0	2
5945	2013	Corrigendum to "Tensile properties of semi-crystalline thermoplastic polymers: Effects of temperature and strain rates" [Polymer Testing 32/2 (2013) 413–425] (S0142941812002346) (10.1016/j.polymertesting.2012.12.002))	1429418	Polymer Testing	32	3	0	0	0	0	0
5946	2013	A comparison between dynamic and static fracture toughness of polyurethane foams	1429418	Polymer Testing	32	4	13	5	7	6	3
5947	2013	Environmental exhaust of the flue gases originated from the diesel hydraulic engine locomotive 1250 Hp	13115065	Journal of Environmental Protection and Ecology	14	1	0	0	0	0	0
5948	2013	Study on the quality of biogas obtained from agricultural residues during anaerobic fermentation	13115065	Journal of Environmental Protection and Ecology	14	1	1	0	0	1	0
5949	2013	Foundation solution with low impact on the environment	13115065	Journal of Environmental Protection and Ecology	14	1	0	0	2	0	0
5950	2013	Reducing of gas emissions according to the EU energy policy targets	13115065	Journal of Environmental Protection and Ecology	14	1	1	0	1	0	0
5951	2013	Industrial wastes used in pavement layers	13115065	Journal of Environmental Protection and Ecology	14	1	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5952	2013	Cadastral requirements for urban administration, key component for an efficient town planning	13115065	Journal of Environmental Protection and Ecology	14	1	0	0	0	1	1
5953	2013	Microbiological risk assessment of ice-cream products	13115065	Journal of Environmental Protection and Ecology	14	1	0	0	0	0	0
5954	2013	Refurbishment of a multi-storey welded steel structure located in a seismic area	13115065	Journal of Environmental Protection and Ecology	14	1	0	0	0	0	0
5955	2013	Search for single b _q -quark production with the ATLAS detector at $\sqrt{s}=7$ TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	721	04-May	0	1	3	0	0
5956	2013	Fingerprinting smartphones remotely via ICMP timestamps	10897798	IEEE Communications Letters	17	6	1	5	6	1	0
5957	2013	Artificial intelligence techniques: An efficient new approach to challenge the assessment of complex clinical fields such as airway clearance techniques in patients with cystic fibrosis?	16501977	Journal of Rehabilitation Medicine	45	4	1	0	0	0	1
5958	2013	Influence of aerosols pollution on the amount of collectable solar energy	1968904	Energy Conversion and Management	70		7	3	3	3	2
5959	2013	Adsorption of phenol and p-chlorophenol from aqueous solutions on poly (styrene-co-divinylbenzene) functionalized materials	13858947	Chemical Engineering Journal	222		5	6	7	4	3
5960	2013	Multi-valued neuron with a periodic activation function - As part of a multi-layered neural network		Sami 2013 IEEE 11th International Symposium on Applied Machine Intelligence and Informatics Proceedings			0	0	0	0	0
5961	2013	Comparison of combustion characteristics and heat loss for gasoline and methane fueling of a spark ignition engine	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	14	2	0	1	0	3	1
5962	2013	"surface water" and "strong-bonded water" in cyclodextrins: A Karl Fischer titration approach	9230750	Journal of Inclusion Phenomena and Macrocyclic Chemistry	75	03-Apr	3	1	0	1	1
5963	2013	Numerical simulation of bolted links removal in eccentrically braced frames	17881994	Pollack Periodica	8	1	0	0	1	0	2

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5964	2013	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s}=7$ TeV in the ATLAS detector at the LHC	13672630	New Journal of Physics	15		1	0	1	1	3
5965	2013	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	13672630	New Journal of Physics	15		1	1	1	1	0
5966	2013	Electrochemical detection and degradation of ibuprofen from water on multi-walled carbon nanotubes-epoxy composite electrode	10010742	Journal of Environmental Sciences China	25	4	5	6	8	1	4
5967	2013	Evaluation of cation influence on the formation of M(II)Cr 2O4 during the thermal decomposition of mixed carboxylate type precursors	13886150	Journal of Thermal Analysis and Calorimetry	112	1	1	0	0	0	2
5968	2013	CoFe2O4/SiO2 nanocomposites by thermal decomposition of some complex combinations embedded in hybrid silica gels	13886150	Journal of Thermal Analysis and Calorimetry	112	1	3	4	9	9	6
5969	2013	Study of CaO·2Al2O3 formation by polymeric precursor method	13886150	Journal of Thermal Analysis and Calorimetry	112	1	0	0	0	0	0
5970	2013	Investigation of the cellulose ethers effect on the Portland cement hydration by thermal analysis	13886150	Journal of Thermal Analysis and Calorimetry	112	1	0	2	1	0	3
5971	2013	Kinetic study of the non-isothermal crystallization process of hematite in ceramic glazes obtained from CRT wastes	13886150	Journal of Thermal Analysis and Calorimetry	112	1	1	0	0	0	0
5972	2013	Investigation regarding the effect of viscosity modifying admixtures upon the Portland cement hydration using thermal analysis	13886150	Journal of Thermal Analysis and Calorimetry	112	1	2	3	0	0	2
5973	2013	Corrosion resistance of carbon steel in weak acid solutions in the presence of L-histidine as corrosion inhibitor	0010938X	Corrosion Science	69		14	21	22	21	16

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5974	2013	Fullerenes patched by flowers	18951066	Central European Journal of Chemistry	11	4	1	0	1	2	0
5975	2013	Nanocrystalline BaAl2O4 powders prepared by aqueous combustion synthesis	2728842	Ceramics International	39	3	0	1	0	2	0
5976	2013	The analysis of a damaged component from the connection system of the wagons	13506307	Engineering Failure Analysis	29		0	1	1	2	2
5977	2013	Study of crystal-crucible detachment: GaSb in SiO2	14668033	Crystengcomm	15	12	0	0	0	1	0
5978	2013	Multi-channel search for squarks and gluinos in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector at the LHC	14346044	European Physical Journal C	73	3	0	0	0	0	0
5979	2013	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	720	04-May	3	1	2	0	1
5980	2013	Measurement of hard double-parton interactions in $W(\ell^+ \ell^-) + 2$ -jet events at $\sqrt{s} = 7$ TeV with the ATLAS detector	13672630	New Journal of Physics	15	3	19	9	2	9	4
5981	2013	Fracture toughness evaluation of some resins used in complete dentures technology	255289	Materiale Plastice	50	1	0	0	0	0	0
5982	2013	Malayaite pink pigments behavior in colouring some tableware faience glazes	15833186	Revista Romana De Materiale Romanian Journal of Materials	43	1	0	0	0	0	0
5983	2013	Aspects of indoor environmental quality assessment in buildings	3787788	Energy and Buildings	60		13	13	11	18	12
5984	2013	Mathematical and numerical treatment of instabilities of non-axisymmetric confined vortices under the Dirichlet boundary conditions	0307904X	Applied Mathematical Modelling	37	6	0	0	0	0	0
5985	2013	Evaluation of a functionalized copolymer as adsorbent on direct dyes removal process: Kinetics and equilibrium studies	218995	Journal of Applied Polymer Science	127	6	2	1	1	3	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
5986	2013	Search for light top squark pair production in final states with leptons and b-jets with the ATLAS detector in $\sqrt{s}=7$ TeV proton-proton collisions	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	720	01-Mar	0	0	0	0	0	
5987	2013	Measurement of angular correlations in Drell-Yan lepton pairs to probe $Z/\gamma^* \rightarrow \tau^+ \tau^-$ boson transverse momentum at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	720	01-Mar	2	8	1	2	2	
5988	2013	Optimal variational method for truly nonlinear oscillators	1110757X	Journal of Applied Mathematics	2013		0	0	0	0	0	
5989	2013	Measurement of upsilon production in 7 TeV pp collisions at ATLAS	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	5	4	3	5	9	2	
5990	2013	Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	5	2	1	0	0	0	
5991	2013	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC	14346044	European Physical Journal C	73	3	1	2	2	0	3	
5992	2013	Measurement of the tt production cross section in the tau + jets channel using the ATLAS detector	14346044	European Physical Journal C	73	3	0	0	3	3	2	
5993	2013	Jet energy resolution in proton-proton collisions at $\sqrt{s} = 7$ TeV recorded in 2010 with the ATLAS detector	14346044	European Physical Journal C	73	3	9	7	2	11	0	
5994	2013	Rapid prototyping technique in the preoperative planning for total hip arthroplasty with custom femoral components	435325	Wiener Klinische Wochenschrift	125	05-Jun	3	1	1	0	1	
5995	2013	Measurement of ZZ production in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and ZZ γ^* couplings with the ATLAS detector	11266708	Journal of High Energy Physics	2013	3	1	4	3	2	3	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
5996	2013	Investigations on car emissions under the urban traffic conditions with the influence on TimiÅYoara air quality	16484142	Transport	28	1	0	0	0	0	1
5997	2013	Negative binomial states for the pseudoharmonic oscillator	318949	Physica Scripta	87	T153	0	0	1	0	0
5998	2013	Optimal robot path planning using gravitational search algorithm	9740635	International Journal of Artificial Intelligence	10	13 S	26	18	5	2	4
5999	2013	The importance of environmental accounting information for the Romanian innovative entities	15822214	Metalurgia International	18	SPEC.3	0	0	1	0	0
6000	2013	Wear and corrosion behaviour of HVOF and HVOF deposited Cr3C2-NiCr coatings	15822214	Metalurgia International	18	SPEC.2	0	0	0	0	0
6001	2013	The analysis of whiskers growth from structural and statistical point of view	15822214	Metalurgia International	18	SPEC.2	1	0	0	0	0
6002	2013	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	719	04-May	2	0	2	1	0
6003	2013	Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum in protonâ€‘proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	719	04-May	0	0	1	0	1
6004	2013	A search for high-mass resonances decaying to $J/\psi, \psi(2S)$ in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	719	04-May	0	0	0	1	0
6005	2013	A search for prompt lepton-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	719	04-May	2	0	2	1	0
6006	2013	Researches regarding the establishment of the optimal chemical composition of the centrifugal crushers retention sills	15822214	Metalurgia International	18	SPEC.1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6007	2013	Economic efficiency of primary care for CVD prevention and treatment in Eastern European countries	14726963	BMC Health Services Research	13	1	0	0	1	0	0
6008	2013	GC-MS analysis of long chain mannofuranose derivatives as biocompatible surfactant precursors. Correlation between peak intensities and stability of corresponding fragments	148237	Farmacia	61	1	0	0	0	0	0
6009	2013	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	14346044	European Physical Journal C	73	2	1	0	0	2	1
6010	2013	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s}=7$ TeV	11266708	Journal of High Energy Physics	2013	1	0	1	3	0	2
6011	2013	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2013	1	0	0	0	0	0
6012	2013	Dissociative recombination of electrons with diatomic molecular cations above dissociation threshold: Application to H ₂ ⁺ and HD ⁺	10502947	Physical Review A Atomic Molecular and Optical Physics	87	2	4	1	2	2	2
6013	2013	Measurement of the $\tau \rightarrow b \nu$ lifetime and mass in the ATLAS experiment	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	3	4	1	0	4	4
6014	2013	Segmentation of bone structure in X-ray images using convolutional neural network	15827445	Advances in Electrical and Computer Engineering	13	1	9	8	11	7	6
6015	2013	New space vector selection scheme for VSI supplied dual three-phase induction machin	15827445	Advances in Electrical and Computer Engineering	13	1	0	0	1	0	0
6016	2013	Modelling and operational testing of pulse-width modulation at injection time for a spark-ignition engine	13303651	Tehnicki Vjesnik	20	1	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6017	2013	Calculation of the second order settling time in SISO linear systems	0278081X	Circuits Systems and Signal Processing	32	1	0	0	1	0	0
6018	2013	Preparation and thermal stability of Al ₂ O ₃ -clay and Fe ₂ O ₃ -clay nanocomposites, with potential application as remediation of radioactive effluents	13886150	Journal of Thermal Analysis and Calorimetry	111	2	0	1	0	0	2
6019	2013	The obtaining of NiCr ₂ O ₄ nanoparticles by unconventional synthesis methods	13886150	Journal of Thermal Analysis and Calorimetry	111	2	3	1	0	1	1
6020	2013	Mechanical behavior of sandwich composite beams made of foams and functionally graded materials	207683	International Journal of Solids and Structures	50	03-Apr	12	9	3	3	0
6021	2013	Synthesis of lithium cobalt oxide by single-step soft hydrothermal method	224596	Journal of Solid State Chemistry	198		2	0	1	1	3
6022	2013	Search for pair production of heavy top-like quarks decaying to a high-p _T W boson and a b quark in the lepton plus jets final state at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	718	04-May	0	1	0	0	1
6023	2013	Accuracy analysis of the multicycle synchrophasor estimator provided by the interpolated DFT algorithm	189456	IEEE Transactions on Instrumentation and Measurement	62	5	16	13	16	12	11
6024	2013	Inductive heating hydrothermal synthesis of titanium dioxide nanostructures	0167577X	Materials Letters	95		0	0	1	0	0
6025	2013	System information for risk evaluation in the sustainable enterprise	10226680	Advanced Materials Research	622		0	0	1	0	0
6026	2013	Square root unscented Kalman filters for state estimation of induction motor drives	939994	IEEE Transactions on Industry Applications	49	1	3	7	2	3	1
6027	2013	Plastic deformation and fracture initiation typology analysis under a triaxial tensile state of stress using the quantitative assessment of microstructural changes	16609336	Applied Mechanics and Materials	267		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6028	2013	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using 4.7 fb ⁻¹ of $\sqrt{s}=7$ TeV proton-proton collision data	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	1	4	3	3	0	3
6029	2013	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV	14346044	European Physical Journal C	73	1	1	2	1	1	2
6030	2013	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s}=7$ TeV	14346044	European Physical Journal C	73	1	1	1	0	2	0
6031	2013	Deposition of titanium nitride layers by electric arc-reactive plasma spraying method	1694332	Applied Surface Science	265		1	2	4	1	1
6032	2013	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	718	3	1	0	0	0	0
6033	2013	Search for new phenomena in the WW $\ell\ell'$ final state in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	718	3	0	0	0	0	0
6034	2013	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	1	3	0	1	0	0
6035	2013	Fuzzy logic-based adaptive gravitational search algorithm for optimal tuning of fuzzy-controlled servo systems	17518644	Let Control Theory and Applications	7	1	1	1	3	2	3
6036	2013	Search for dark matter candidates and large extra dimensions in events with a photon and missing transverse momentum in pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector	319007	Physical Review Letters	110	1	1	0	2	1	5

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6037	2013	Modeling and Numerical Analysis of a Cervical Spine Unit	21950644	Springer Series in Biomaterials Science and Engineering	1		1	1	0	0	0
6038	2013	Retrofitting of earthquake damaged precast concrete wall using FRP composites		Fib Symposium Tel Aviv 2013 Engineering A Concrete Future Technology Modeling and Construction Proceedings			0	0	1	0	0
6039	2013	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at $\hat{s} = 7$ TeV	10298479	Journal of High Energy Physics	2013		4	0	2	2	2
6040	2013	Small-scale biogas production using residual sludge as substrate	13115065	Journal of Environmental Protection and Ecology	14	4	1	0	0	0	0
6041	2013	Search for direct slepton and gaugino production in final states with two leptons and missing transverse momentum with the ATLAS detector in pp collisions at $\hat{s} = 7$ TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	718	3	1	1	0	2	0
6042	2013	Integrated strategies for retrofitting buildings to reduce primary energy use, ghg emissions and costs		Cesb 2013 Prague Central Europe Towards Sustainable Building 2013 Sustainable Building and Refurbishment for Next Generations			0	0	1	0	0
6043	2013	Sustainable retrofitting of large panel prefabricated concrete residential buildings		Cesb 2013 Prague Central Europe Towards Sustainable Building 2013 Sustainable Building and Refurbishment for Next Generations			0	1	4	1	0
6044	2013	Study of the factors influence on the objective functions of wire EDM of AA2124/SIC/25P		Metal 2013 22nd International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	1	0
6045	2013	Study regarding the comparation between photovoltaic cells		Metal 2013 22nd International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0
6046	2013	Influence of the solution treatment temperature upon the cavitation erosion resistance for 17-4 P.H. Stainless steels		Metal 2013 22nd International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0
6047	2013	Stress risk in management systems in metallurgical problems		Metal 2013 22nd International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6048	2013	Phenomenology of degradation by cavitation for heat treated Cu-Al-Ni-Fe bronzes		Metal 2013 22nd International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0		
6049	2013	Photovoltaic panels - Application of nanomaterials		Metal 2013 22nd International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0		
6050	2013	A model for precessing helical vortex in the turbine discharge cone	17551307	Iop Conference Series Earth and Environmental Science	22		2	1	1	0	0		
6051	2013	Aspects of consumers' rights protection for the centralised Urban heating services		Vision 2020 Innovation Development Sustainability and Economic Growth Proceedings of the 21st International Business Information Management Association Conference Ibima 2013	2		0	0	0	0	0		
6052	2013	Sensitivity to imperfections of perforated pallet rack sections	14281511	Mechanics and Mechanical Engineering	17	2	0	0	1	0	0		
6053	2013	Automatic Extraction of Behavioral Models from Distributed Systems and Services	18650929	Communications in Computer and Information Science	417 CCIS		0	0	0	0	0		
6054	2013	Unified Modeling of Static Relationships between Program Elements	18650929	Communications in Computer and Information Science	410 CCIS		0	0	0	0	0		
6055	2013	Should we beware the exceptions? An empirical study on the eclipse project		Proceedings 15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2013			1	3	0	2	2		
6056	2013	Algorithm for cooperative CPU-GPU computing		Proceedings 15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2013			0	0	0	0	0		
6057	2013	Planar stretching flows with partial slip		Proceedings 15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2013			0	0	0	0	0		
6058	2013	Study of different impregnation methods of inorganic supports with ionic liquid	13115065	Journal of Environmental Protection and Ecology	14	4	0	0	0	0	0		
6059	2013	Fatigue life assessment of a hydraulic unit shaft		Engineering Against Failure Proceedings of the 3rd International Conference of Engineering Against Failure Iceaf 2013			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6060	2013	Averaged modeling of the cardiovascular system	7431546	Proceedings of the IEEE Conference on Decision and Control			0	0	0	0	0
6061	2013	An approach to fuzzy modeling of electromagnetic actuated clutch systems	18419836	International Journal of Computers Communications and Control	8	3	0	0	2	0	0
6062	2013	Academic perspectives on microblogging		Social Media and the New Academic Environment Pedagogical Challenges			0	0	0	0	0
6063	2013	On the use of a low voltage power factor controller in deforming regime		2013 4th International Symposium on Electrical and Electronics Engineering Iseee 2013 Proceedings			0	0	0	0	0
6064	2013	Damage identification and influence on mechanical properties of closed cell rigid foams		13th International Conference on Fracture 2013 Icf 2013	4		0	0	1	0	0
6065	2013	Clustered Computing with NetLogo for the evaluation of asynchronous search techniques		Somet 2013 12th IEEE International Conference on Intelligent Software Methodologies Tools and Techniques Proceedings			0	0	0	0	1
6066	2013	Programmable interface for a signal generator and logic analyzer system		2013 IEEE 19th International Symposium for Design and Technology in Electronic Packaging Siitme 2013 Conference Proceedings			2	0	0	0	0
6067	2013	Hardware implementation of the IDEA NXT crypto-algorithm		2013 IEEE 19th International Symposium for Design and Technology in Electronic Packaging Siitme 2013 Conference Proceedings			0	0	0	0	0
6068	2013	Pseudo random self-test architecture for Advanced Encryption Standard		2013 IEEE 19th International Symposium for Design and Technology in Electronic Packaging Siitme 2013 Conference Proceedings			0	1	0	0	0
6069	2013	Structural characterization of nickel oxide obtained by thermal decomposition of polynuclear coordination compound $[Ni_2(OH)_2(H_3CCH(OH)COO)_2(H_2O)_2 \cdot 0.5H_2O]_n$	353930	Revue Roumaine De Chimie	58	04-May	0	1	3	1	4

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6070	2013	Sparse coding and Gaussian modeling of coefficients average for background subtraction	18455921	International Symposium on Image and Signal Processing and Analysis Ispa			0	0	0	0	0
6071	2013	Discrete tomography on the triangular grid based on Ryser's results	18455921	International Symposium on Image and Signal Processing and Analysis Ispa			0	1	0	1	0
6072	2013	Synthesis and characterization of the polynuclear coordination compound obtained through the reaction of 1,3-propanediol with Cu(NO3) 2·3H2O	353930	Revue Roumaine De Chimie	58	04-May	0	0	0	0	0
6073	2013	Thermal and spectroscopic studies of Ni(II)-Fe(III) heteropolynuclear coordination compound obtained through the reaction of 1,2-ethanediol with metallic nitrates	353930	Revue Roumaine De Chimie	58	6	0	0	1	0	0
6074	2013	On a problem of John M. Rassias concerning the stability in Ulam sense of Euler-Lagrange equation		Functional Equations Difference Inequalities and Ulam Stability Notions F U N			0	1	1	0	0
6075	2013	A new boost DC-DC converter exhibiting low stresses and high efficiency	18276660	International Review of Electrical Engineering	8	6	0	0	0	0	0
6076	2013	Controlling robotic arm in 2D space with computer vision using a webcam	18033814	Mendel			0	0	0	0	0
6077	2013	From data mining rules to medical logical modules and medical advices	9269630	Studies in Health Technology and Informatics	192	01-Feb	1	0	0	0	0
6078	2013	Recent advances on the influence of power transformers inrush current over the optimization of medium voltage feeder protection		Proceedings of the Universities Power Engineering Conference			0	0	0	0	0
6079	2013	Improved activity of aminoglycosides entrapped in silica networks against microbial strains isolated from otolaryngological infections	148237	Farmacia	62	1	1	0	0	0	0
6080	2013	Distance laboratory for programming Maximum Power Point tracking of a photovoltaic module		Proceedings 2013 7th IEEE International Conference on E Learning in Industrial Electronics Icelie 2013			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6081	2013	Collaborative environment for road traffic monitoring		2013 13th International Conference on ITS Telecommunications Itst 2013			0	0	0	0	0	
6082	2013	SRT radix-2 dividers with (5,4) redundant representation of partial remainder		Norchip 2013			1	1	0	0	1	
6083	2013	Particle Swarm optimization with disagreements on stagnation	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	8240		1	0	0	0	0	
6084	2013	Detecting DDoS attacks in cloud computing environment	18419836	International Journal of Computers Communications and Control	8	1	12	8	4	4	3	
6085	2013	Influence of the chemical composition on the microstructure and microhardness of alcrfeconi high entropy alloy	347752	Revista De Chimie	64	12	5	4	1	3	1	
6086	2013	Current trends in the use of small wastewater treatment plant	347752	Revista De Chimie	64	12	0	0	0	0	1	
6087	2013	Noise management and noise monitoring with geographical information systems	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	0	0	0	0	
6088	2013	Open source, a step for research	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	0	0	0	0	
6089	2013	Geodetic engineering - Support for monitoring special constructions behaviour	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0	
6090	2013	Application of laser scan technology to landslide monitoring, volumetric calculus and DEM	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	1	
6091	2013	Real time positioning - Solution for automation processes and monitoring land management	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	2		0	0	0	0	0	
6092	2013	Industrial pollution in Resita town	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6093	2013	Using geographic information system analysis in the management of flood risk areas	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	0	0	0	0
6094	2013	Actual trends regarding the usage of 3D cadastre for an efficient administration	13142704	International Multidisciplinary Scientific Geoconference Surveying Geology and Mining Ecology Management Sgem	1		0	0	0	0	0
6095	2013	The environmental audit (EA) and the environmental balance sheet (EBS) in Romania	14590255	Journal of Food Agriculture and Environment	11	03-Apr	0	0	0	0	0
6096	2013	Forecasting hourly global solar irradiation using simple non-seasonal models	19417012	Journal of Renewable and Sustainable Energy	5	6	0	0	0	1	0
6097	2013	Evaluation study of the inclusion complexes of some oxicams with 2-hydroxypropyl- β -cyclodextrin	347752	Revista De Chimie	64	11	3	3	0	0	1
6098	2013	Nucleophilicity evaluation for primary and secondary amines	347752	Revista De Chimie	64	11	0	0	0	0	0
6099	2013	A DFT-based synchrophasor, frequency and ROCOF estimation algorithm		2013 IEEE International Workshop on Applied Measurements for Power Systems Amps 2013 Proceedings			2	2	0	1	0
6100	2013	Preparation and characterization of Fe ₆₇ Cr ₄ Mo ₄ Ga ₄ P ₁₂ B ₅ C ₄ ferromagnetic bulk amorphous alloy	14544164	Journal of Optoelectronics and Advanced Materials	15	11-Dec	0	0	0	0	0
6101	2013	Thermal behaviour of active substance versus pharmaceutical compounds for ibuprofen	347752	Revista De Chimie	64	10	0	0	0	1	0
6102	2013	Influence of the cross section slenderness on the buckling behaviour of steel welded tapered beam-column		Research and Applications in Structural Engineering Mechanics and Computation Proceedings of the 5th International Conference on Structural Engineering Mechanics and Computation Semc 2013			0	0	0	0	0
6103	2013	Automatic background subtraction in a sparse representation framework	21578672	International Conference on Systems Signals and Image Processing			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6104	2013	Behaviour of pitched-roof portal frames with tapered web and flange members considering lateral restraints		Research and Applications in Structural Engineering Mechanics and Computation Proceedings of the 5th International Conference on Structural Engineering Mechanics and Computation Semc 2013			0	0	0	0	0
6105	2013	Java across different curricula, courses and countries using a common pool of teaching material	16485831	Informatics in Education	12	2	0	0	0	1	0
6106	2013	Theoretical considerations regarding the aromaticity of 1,3-heterobenzenes containing 15-group elements	18423582	Digest Journal of Nanomaterials and Biostructures	8	4	0	0	1	1	0
6107	2013	Theoretical and experimental studies on composite steel-concrete structural shear walls with steel encased profiles		Structures and Architecture Concepts Applications and Challenges Proceedings of the 2nd International Conference on Structures and Architecture Icsa 2013			0	1	0	0	0
6108	2013	Using the laser scanning technology in the rehabilitation of existing buildings		Structures and Architecture Concepts Applications and Challenges Proceedings of the 2nd International Conference on Structures and Architecture Icsa 2013			0	0	0	0	0
6109	2013	Efficient solution for large motorways composite bridges		Structures and Architecture Concepts Applications and Challenges Proceedings of the 2nd International Conference on Structures and Architecture Icsa 2013			0	0	0	0	0
6110	2013	Multi-robot GSA- and PSO-based optimal path planning in static environments		9th International Workshop on Robot Motion and Control Romoco 2013 Workshop Proceedings			4	0	2	1	1
6111	2013	Ultrasonically assisted hydrothermal synthesis of nano-structured Bi2Te3 semiconductors for thermal energy recovery	18426573	Optoelectronics and Advanced Materials Rapid Communications	7	09-Oct	0	0	0	0	0
6112	2013	Comparisons between the aromatic character of 1,2,4-(1,3-CH-1,3-X)3 and 1, 3, 5-(1,3-CH-1,3-X)3 heterobenzenes	347752	Revista De Chimie	64	9	0	0	0	0	0
6113	2013	Portable cloud applications - From theory to practice	0167739X	Future Generation Computer Systems	29	6	8	5	2	3	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6114	2013	Interoperability evaluation case study: An Obstetrics-Gynecology Department and Related Information Systems	9269630	Studies in Health Technology and Informatics	186		0	0	0	0	0	
6115	2013	Human voice signal synthesis and coding	14746670	IFAC Proceedings Volumes IFAC Papersonline	12	PART 1	0	1	0	0	1	
6116	2013	Choosing a proper control structure for a mechatronic system with variable parameters	14746670	IFAC Proceedings Volumes IFAC Papersonline	2	PART 1	0	0	1	1	1	
6117	2013	UV-visible Optical Characterization of the Early Combustion Stage in a DISI Engine Fuelled with Butanol-Gasoline Blend	19463936	SAE International Journal of Engines	6	4	3	1	4	3	0	
6118	2013	Technical, economical, social and ecological characteristics of vacuum sewage system	15829596	Environmental Engineering and Management Journal	12	5	3	0	3	0	2	
6119	2013	Unmodified/TiO2-modified carbon nanotubes composite electrodes for pentachlorophenol detection from water	15829596	Environmental Engineering and Management Journal	12	5	0	0	1	0	0	
6120	2013	CFD modeling and simulation of a surface water treatment pilot plant	15829596	Environmental Engineering and Management Journal	12	5	1	0	0	0	0	
6121	2013	Energy recovery from sludge with low organic loads resulted from wastewater treatment plants	15829596	Environmental Engineering and Management Journal	12	5	0	0	0	0	0	
6122	2013	Bentonite synthetic water behavior during coagulation-flocculation process	15829596	Environmental Engineering and Management Journal	12	5	0	0	0	0	0	
6123	2013	Kinetic, equilibrium and thermodynamic studies of cesium removal from aqueous solutions using amberjet UP1400 and amberlite IR120 resins	15829596	Environmental Engineering and Management Journal	12	5	0	2	0	1	0	
6124	2013	Synthesis of nanocrystalline ZnFe2O4 and its use for the removal of congo red from aqueous solutions	15829596	Environmental Engineering and Management Journal	12	5	0	0	0	0	0	
6125	2013	DSA electrodes for treating pharmaceutical effluents	15829596	Environmental Engineering and Management Journal	12	5	0	0	1	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6126	2013	Composite material based on silver-doped zeolite and multi-wall carbon nanotubes for humic acid removal	15829596	Environmental Engineering and Management Journal	12	5	1	0	0	1	0
6127	2013	Study about the possibility to control the superparamagnetism- superferromagnetism transition in magnetic nanoparticle systems	3048853	Journal of Magnetism and Magnetic Materials	343		0	1	0	0	0
6128	2013	Multi-agent systems applied in the modelling and simulation of the protein folding problem using distributed constraints	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	8076 LNAI		0	0	0	0	0
6129	2013	Development of a two-step fermentative biohydrogen production process using selectively enriched microbial populations as inoculum	347752	Revista De Chimie	64	8	1	0	0	0	0
6130	2013	A network control structure with a switched PD delay compensator and a nonlinear network model	7431619	Proceedings of the American Control Conference			0	0	0	0	0
6131	2013	In situ variable temperature X-ray diffraction studies on size scale of CuCrO2 polytypes with delafossite structure	14544164	Journal of Optoelectronics and Advanced Materials	15	07-Aug	0	1	0	0	0
6132	2013	Corrosion behaviour of bulk Fe67Cr4Mo 4Ga4P12B5C4 amorphous alloy and its crystallized form	14544164	Journal of Optoelectronics and Advanced Materials	15	07-Aug	0	0	0	0	0
6133	2013	Structural characterization of a new cobalt alloy for dental applications	14544164	Journal of Optoelectronics and Advanced Materials	15	07-Aug	0	0	0	0	0
6134	2013	The modeling and simulation of the thermal analysis on the hydrogenerator stator winding insulation	13886150	Journal of Thermal Analysis and Calorimetry	113	3	2	3	0	1	0
6135	2013	Study of factors influencing the mechanical properties of polyurethane foams under dynamic compression	17426588	Journal of Physics Conference Series	451	1	14	6	15	6	6

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6136	2013	Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2013	7	0	4	0	5	1
6137	2013	Comparative study on enzymatic hydrolysis of cellulose	18423582	Digest Journal of Nanomaterials and Biostructures	8	3	0	0	0	0	2
6138	2013	Search for $t\bar{t}$ resonances in the lepton plus jets final state with ATLAS using 4.7 fb $^{-1}$ of pp collisions at $\sqrt{s} = 7$ TeV	15507998	Physical Review D Particles Fields Gravitation and Cosmology	88	1	1	1	2	0	0
6139	2013	New porphyrin -based spectrophotometric sensor for Ag ⁰ detection	18423582	Digest Journal of Nanomaterials and Biostructures	8	3	1	0	1	0	0
6140	2013	Electrochemical mineralization of Reactive Red 147 dye on boron-doped diamond electrodes	15829596	Environmental Engineering and Management Journal	12	3	0	0	1	0	1
6141	2013	Actions to reduce air pollution from a coal Thermal Power Plant	15829596	Environmental Engineering and Management Journal	12	3	0	0	0	0	0
6142	2013	Application of operational research to determine optimal path for a water transmission main	20780958	Lecture Notes in Engineering and Computer Science	2203		0	1	0	0	0
6143	2013	Optimization of technological water consumption for an industrial enterprise with self-supply system	20780958	Lecture Notes in Engineering and Computer Science	2203		0	1	0	0	0
6144	2013	Search for resonant diboson production in the WW/WZ $\rightarrow$ $\nu\bar{\nu}$ decay channels with the ATLAS detector at $\sqrt{s} = 7$ TeV	15507998	Physical Review D Particles Fields Gravitation and Cosmology	87	11	1	0	0	1	0
6145	2013	Novel Cu(II) complex with non-steroidal anti-inflammatory drugs synthesis, characterization and thermal investigation of the complex with ibuprofen	347752	Revista De Chimie	64	6	0	0	0	0	1
6146	2013	Metal complexes of the non-steroidal anti-inflammatory drug piroxicam: Synthesis, characterization and thermal behaviour of the complex with Cu(II)	347752	Revista De Chimie	64	5	0	1	0	0	0

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							2020	2021	2022	2023	2024
6147	2013	Adsorption properties of Fe ₂ O ₃ and Fe ₂ O ₃ :SiO ₂ mixtures in the removal process of as(III) from underground waters	347752	Revista De Chimie	64	5	0	1	0	0	0
6148	2013	The efficiency of Resita town water treatment plant	347752	Revista De Chimie	64	5	0	0	0	0	0
6149	2013	Considerations About the Impact Behavior of Biocomposites Based on Polypropylene and Furan Resins Reinforced With Hemp Shives	15440478	Journal of Natural Fibers	10	2	0	0	0	1	0
6150	2013	Simultaneous/selective detection of dopamine and ascorbic acid at synthetic zeolite-modified/graphite-epoxy composite macro/quasi-microelectrodes	14248220	Sensors Switzerland	13	6	2	3	3	1	2
6151	2013	Symplectic realizations and symmetries of a Lotka-Volterra type system	15603547	Regular and Chaotic Dynamics	18	3	0	0	2	1	0
6152	2013	Friction stir welding development of aluminium alloys for structural connections	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	14	1	1	0	0	0	1
6153	2013	Some Properties of K-Frames in Hilbert Spaces	14226383	Results in Mathematics	63	03-Apr	21	15	10	13	7
6154	2013	New Fe(III) malonate type complex combination for development of magnetic nanosized γ -Fe ₂ O ₃	0022328X	Journal of Organometallic Chemistry	740		1	0	1	0	0
6155	2013	Structural safety of historical buildings made of reinforced concrete, from Banat region - Romania	12962074	Journal of Cultural Heritage	14	3 SUPPL	1	1	2	0	2
6156	2013	Historical wooden churches from Banat Region, Romania. Damages: Modern consolidation solutions	12962074	Journal of Cultural Heritage	14	3 SUPPL	1	2	2	3	1
6157	2013	Rehabilitation through a holistic revitalization strategy of historical city centres - Timisoara, Romania	12962074	Journal of Cultural Heritage	14	3 SUPPL	0	3	3	1	3
6158	2013	Failure mechanisms for historical religious buildings in Romanian seismic areas	12962074	Journal of Cultural Heritage	14	3 SUPPL	3	3	0	5	2

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							2020	2021	2022	2023	2024
6159	2013	Development of economical and efficient mixed reactive carbonates for peptide synthesis through scientific planning	347752	Revista De Chimie	64	4	0	0	0	0	0
6160	2013	Effect of matrix solution on As(V) adsorption onto iron-containing materials pH and kinetic studies	347752	Revista De Chimie	64	4	0	1	0	0	0
6161	2013	Cross-disciplinary approach for the risk assessment ontology design	10401628	Information Resources Management Journal	26	1	0	1	0	0	0
6162	2013	Prototyping a ferrofluid-cooled transformer	939994	IEEE Transactions on Industry Applications	49	3	7	3	6	7	3
6163	2013	New methods to obtain carboxylic acids by oxidation reactions of polyols with Metal(II) Nitrates II. Oxidation reactions of 1,3-propanediol with metal (II) nitrates	347752	Revista De Chimie	64	3	0	0	0	0	0
6164	2013	Friction Riveting of glass-fibre-reinforced polyetherimide composite and titanium grade 2 hybrid joints	2613069	Materials and Design	50		9	11	5	7	7
6165	2013	Synthesis, characterization, and adsorption behavior of aminophosphinic grafted on poly(styrene-Co-divinylbenzene) for divalent metal ions in aqueous solutions	323888	Polymer Engineering and Science	53	5	2	2	6	2	1
6166	2013	Performances comparison of two surface-mounted permanent magnet generators with fractional - slot windings	18276660	International Review of Electrical Engineering	8	1	0	0	0	0	0
6167	2013	Note on Kato's type inequality	13314343	Mathematical Inequalities and Applications	16	1	0	0	0	0	0
6168	2013	New hybrid silver colloid-A3B porphyrin complex exhibiting wide band absorption	18423582	Digest Journal of Nanomaterials and Biostructures	8	2	1	0	0	0	1
6169	2013	Particularities of capacitor bank overstressing within detuned filters	332097	Przegląd Elektrotechniczny	89	4	1	0	0	0	0
6170	2013	Using cloud computing in occupational risks		Occupational Safety and Hygiene Proceedings of the International Symposium on Occupational Safety and Hygiene Sho 2013			1	0	0	0	0

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							2020	2021	2022	2023	2024	
6171	2013	Solid biofuel database - Potential of using vegetal biomass in biogas production	347752	Revista De Chimie	64	2	1	0	0	0	0	
6172	2013	Combustion synthesis of some iron oxides used as adsorbents for phenol and p-chlorophenol removal from wastewater	13886150	Journal of Thermal Analysis and Calorimetry	112	1	1	1	1	0	1	
6173	2013	Failure mode and effects analysis in designing a virtual reality-based training simulator for bilateral sagittal split osteotomy	14785951	International Journal of Medical Robotics and Computer Assisted Surgery	9	1	3	2	1	0	1	
6174	2013	Influence of tryptophan on the corrosion process of carbon steel in aqueous weak acid solutions	347752	Revista De Chimie	64	1	1	0	1	1	1	
6175	2013	Numerical analysis of partially fire protected composite slabs	12299367	Steel and Composite Structures	14	1	1	1	1	2	2	
6176	2013	Statistical performance of the effective-number-of-bit estimators provided by the sine-fitting algorithms	189456	IEEE Transactions on Instrumentation and Measurement	62	3	1	3	0	1	0	
6177	2013	Photocatalytic activity of a nitrogen-doped TiO2 modified zeolite in the degradation of Reactive Yellow 125 azo dye	18761070	Journal of the Taiwan Institute of Chemical Engineers	44	2	5	12	11	6	5	
6178	2013	Experiment-based performance improvement of state feedback control systems for single input processes	17858860	Acta Polytechnica Hungarica	10	1	0	1	0	0	0	
6179	2013	Measurement of isolated-photon pair production in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	11266708	Journal of High Energy Physics	2013	1	4	11	4	7	3	
6180	2013	The application of a channel-individualized method for assessing long-term, realistic exposure to radiofrequency radiation emitted by mobile communication base station antennas	2632241	Measurement Journal of the International Measurement Confederation	46	3	3	0	2	0	1	

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6181	2013	Private cloud set up using eucalyptus open source	21945357	Advances in Intelligent Systems and Computing	195 AISC		0	0	0	0	0	
6182	2013	Monitoring help desk process using KPI	21945357	Advances in Intelligent Systems and Computing	195 AISC		0	1	1	1	0	
6183	2013	Evaluation of experiments on detecting distributed denial of service (DDoS) attacks in eucalyptus private cloud	21945357	Advances in Intelligent Systems and Computing	195 AISC		3	1	1	1	0	
6184	2013	Modeling of the electric arc behavior of the electric arc furnace	21945357	Advances in Intelligent Systems and Computing	195 AISC		6	1	5	4	4	
6185	2013	Reconstruction of binary images represented on equilateral triangular grid using evolutionary algorithms	21945357	Advances in Intelligent Systems and Computing	195 AISC		1	0	0	0	0	
6186	2013	Planning business process management implementation by a human resources development support initiative	21945357	Advances in Intelligent Systems and Computing	195 AISC		0	0	0	0	1	
6187	2013	Model predictive control for inside temperature of an energy efficient building	21945357	Advances in Intelligent Systems and Computing	195 AISC		0	0	0	0	0	
6188	2013	Achieving semantic integration of medical knowledge for clinical decision support systems	21945357	Advances in Intelligent Systems and Computing	195 AISC		0	0	0	0	0	
6189	2013	Incidents management process improvement of IT systems	21945357	Advances in Intelligent Systems and Computing	195 AISC		0	1	0	0	0	
6190	2013	Experimental application of a pragmatic method to design control strategy for low power wind energy conversion system	21945357	Advances in Intelligent Systems and Computing	195 AISC		0	0	0	0	0	
6191	2013	Tensile properties of semi-crystalline thermoplastic polymers: Effects of temperature and strain rates	1429418	Polymer Testing	32	2	12	5	6	9	6	
6192	2013	Thermal analysis of new glycopolymers derived from monosaccharides	13886150	Journal of Thermal Analysis and Calorimetry	111	1	1	1	0	0	0	
6193	2013	Synthesis, characterization, and Ni(II) ion sorption properties of poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid groups	1700839	Polymer Bulletin	70	1	2	4	0	3	2	

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							2020	2021	2022	2023	2024
6194	2013	Evolutionary optimization-based tuning of low-cost fuzzy controllers for servo systems	9507051	Knowledge Based Systems	38		0	0	0	0	1
6195	2013	Accuracy analysis of the normalized frequency estimation of a discrete-time sine-wave by the average-based interpolated DFT method	2632241	Measurement Journal of the International Measurement Confederation	46	1	0	0	0	0	0
6196	2013	Nonlinear reduced order modeling of isotropic and functionally graded plates	207462	International Journal of Non Linear Mechanics	49		9	11	8	10	10
6197	2013	Identity management for cloud computing	1860949X	Studies in Computational Intelligence	417		0	4	1	2	1
6198	2013	Convective heat transfer equation for turbulent flow in tubes applied to internal combustion engines operated under motored conditions	13594311	Applied Thermal Engineering	50	1	1	0	4	1	1
6199	2013	Stable and convergent iterative feedback tuning of fuzzy controllers for discrete-time SISO systems	9574174	Expert Systems with Applications	40	1	2	0	2	1	2
6200	2012	Multi-valued neuron with a periodic activation function - New learning strategy		Proceedings 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing Iccp 2012			0	0	0	1	0
6201	2012	Contributions regarding the evaluation of the ability of concrete to bind CO2 by carbonation	15833186	Revista Romana De Materiale Romanian Journal of Materials	42	4	0	0	0	0	0
6202	2012	A simplified adaptive Kalman filter algorithm for carrier recovery of M-QAM signals		2012 17th International Conference on Methods and Models in Automation and Robotics Mmar 2012			0	0	0	0	0
6203	2012	An emotional learning intelligent direct torque and flux controller design for induction motor		2012 IEEE Energy Conversion Congress and Exposition Ecce 2012			0	0	0	0	0
6204	2012	Design preliminaries for direct drive under water wind turbine generator		Proceedings 2012 20th International Conference on Electrical Machines ICEM 2012			0	0	0	0	0

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							2020	2021	2022	2023	2024
6205	2012	25 W linear PM oscillo-motor (PM-LOM): General and optimal design, with FEM validation and controlled dynamics		Proceedings 2012 20th International Conference on Electrical Machines ICEM 2012			0	0	0	0	0
6206	2012	Virtual Instrumentation use in static excitation systems		Proceedings 2012 20th International Conference on Electrical Machines ICEM 2012			0	0	0	0	0
6207	2012	Development of tools for der components in a distribution network		Proceedings 2012 20th International Conference on Electrical Machines ICEM 2012			0	0	0	0	0
6208	2012	Accuracy of synchrophasor measurements provided by the sine-fit algorithms		2012 IEEE International Energy Conference and Exhibition Energycon 2012			0	2	0	1	0
6209	2012	Hybrid fuzzy control solutions for Brushless DC drives with variable moment of inertia		2012 IEEE 10th Jubilee International Symposium on Intelligent Systems and Informatics Sisy 2012			1	0	1	0	0
6210	2012	Search for the Standard Model Higgs boson produced in association with a vector boson and decaying to a b-quark pair with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	718	2	0	0	0	0	1
6211	2012	Search for the Higgs boson in the $H \rightarrow WW \rightarrow \ell \ell \nu \nu$ decay channel at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	718	2	1	1	0	0	0
6212	2012	Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	718	2	0	0	0	0	0
6213	2012	Search for doubly charged Higgs bosons in like-sign dilepton final states at $\sqrt{s} = 7$ TeV with the ATLAS detector	14346044	European Physical Journal C	72	12	2	3	5	5	1
6214	2012	IPM claw-pole alternator system for more vehicle braking energy recuperation	15824594	Journal of Electrical Engineering	12	3	0	1	3	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6215	2012	Sustainability evaluation of construction works using an original model		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	5		0	0	1	0	0
6216	2012	Terrestrial laser scanning used for 3D modeling		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6217	2012	Materials with fly ash for roads infrastructures		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0
6218	2012	Study concerning the use of waste products resulting from thermo-electric power stations in the western Romania		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6219	2012	Using terrestrial laser scanning technologies for high construction monitoring		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6220	2012	Building materials realised with fly ash		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0
6221	2012	Harnessing the untapped renewable energy potential of the organic loads of urban wastewater		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		1	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6222	2012	The fly ash dam monitoring		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0
6223	2012	A comparative analysis of two flood wave propagation models		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	3		0	0	0	0	0
6224	2012	Managing spatial data regarding the Romanian road network using GIS technology		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6225	2012	3D modeling using laser scanning technology		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6226	2012	Valorization and use of industrial wastes in bituminous mixtures		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0
6227	2012	Using gis analysis in transportation network		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	1
6228	2012	Importance of rehabilitation of historical steel bridge traian of arad		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6229	2012	Eco-friendly rehabilitation of road resistance structures		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	5		0	0	0	0	0
6230	2012	Efficient foundation solution for ecological systems of electrical power production by wind energy		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6231	2012	GIS, efficient support for urban planning - Framework of Timișoara, Romania		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6232	2012	Increasing efficiency of a pile foundation solution for ecological wind turbine electrical power generators		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6233	2012	Verifying the stability of a 28 m high pile - wall from an excavation site using finite element method		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6234	2012	Using modern topo-geodetic technologies in the process of monitoring building's deformations		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6235	2012	Rehabilitation versus reconstruction of a new steel bridge. Cost-benefit analysis at historical Traian bridge and steel bridge Savarsin		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6236	2012	Building materials realised with dense slurry from fly ash		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0
6237	2012	The prospect of the diplomas unemployment		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	3		0	0	0	0	0
6238	2012	Study of energy saving in buildings for improved comfort conditions		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	5		0	0	0	0	0
6239	2012	3D modeling of the historical buildings and archeological sites		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0
6240	2012	Comparative analysis regarding the mechanical properties of polymer matrix based biocomposites reinforced with hemp scraps		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	1
6241	2012	Hydrologic effect of urbanization		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	3		0	0	0	0	0
6242	2012	Problems posed by industrial waste administration		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	4		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6243	2012	Study regarding the bearing capacity of truncated cone and hemispherical foundations realized in punched holes		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0	
6244	2012	Geosynthetic reinforced retaining walls with vegetated facings		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	2		0	0	0	0	0	
6245	2012	Decreasing environmental impact of old small hydraulic power station		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	5		0	0	0	0	0	
6246	2012	Technical and environmental solutions for sludge Resulted from sewer system maintenance (cleaning)		12th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2012	5		0	0	0	0	0	
6247	2012	Tests for the determination of carbon dioxide uptake by concrete carbonation		Fib Symposium 2012 Concrete Structures for Sustainable Community Proceedings			0	0	0	0	0	
6248	2012	PAPR reduction of OFDM signals using active constellation extension and tone reservation hybrid scheme		Aict 2012 8th Advanced International Conference on Telecommunications			0	0	0	1	2	
6249	2012	PAPR reduction of OFDM signals using partial transmit sequence and clipping hybrid scheme		Aict 2012 8th Advanced International Conference on Telecommunications			0	0	0	0	0	
6250	2012	An approximate solution for the nonlinear Lane-Emden type equation on a semi-infinite domain	0094243X	Aip Conference Proceedings	1479	1	0	2	0	0	0	
6251	2012	A multiplier algebra representation with application to harmonic signal models	0094243X	Aip Conference Proceedings	1479	1	3	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6252	2012	An optimal homotopy perturbation approach to thin film flow of a fourth grade fluid	0094243X	Aip Conference Proceedings	1479	1	1	0	0	0	0
6253	2012	Optimization of acetabular component orientation using DOE	0094243X	Aip Conference Proceedings	1479	1	0	0	0	0	0
6254	2012	Simulation and experiment of a fuzzy logic based MPPT controller for a small wind turbine system	0094243X	Aip Conference Proceedings	1479	1	0	0	0	0	0
6255	2012	Analysis on the similarity between steel ladles and hot-water models regarding natural convection phenomena	0094243X	Aip Conference Proceedings	1479	1	0	0	1	0	0
6256	2012	Evaluation of the pharmacological descriptors related to the induction of antimicrobial activity by using QSAR and computational mutagenesis		Recent Trends on QSAR in the Pharmaeutical Perceptions			1	0	0	0	0
6257	2012	A combined optical flow and graph cut approach for foreground extraction in videoconference applications	12201766	Studies in Informatics and Control	21	4	0	0	0	0	0
6258	2012	A meta-model for representing language-independent primary dependency structures		Enase 2012 Proceedings of the 7th International Conference on Evaluation of Novel Approaches to Software Engineering			0	0	0	0	0
6259	2012	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions at the LHC	11266708	Journal of High Energy Physics	2012	12	1	0	2	0	2
6260	2012	Fuzzy logic control applied on SI engine concerning the injection time evolution		Cinti 2012 13th IEEE International Symposium on Computational Intelligence and Informatics Proceedings			0	0	0	0	0
6261	2012	Vision based hand gesture recognition: A review	19984464	International Journal of Circuits Systems and Signal Processing	6	4	1	0	0	1	1
6262	2012	Comparative study of turbulence promoters on pressure loss in heat transfer	12247154	Studia Universitatis Babes Bolyai Chemia		4	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6263	2012	Optimal homotopy asymptotic method for solving a nonlinear problem in elasticity		Proceedings 14th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2012			0	0	0	0	0		
6264	2012	VHDL framework for modeling fuzzy automata		Proceedings 14th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2012			1	0	0	0	0		
6265	2012	On some hermite-hadamard type inequalities for functions whose power of the absolute value of derivatives are (Î±,m)-convex	13128876	International Journal of Mathematical Analysis	6	45-48	0	0	0	0	1		
6266	2012	FPGA implementation of very high radix square root with prescaling		2012 19th IEEE International Conference on Electronics Circuits and Systems Icces 2012			0	1	0	0	0		
6267	2012	A general formulation of abduction algorithms		3rd IEEE International Conference on Cognitive Infocommunications Coginfocom 2012 Proceedings			0	0	0	0	0		
6268	2012	Experimental results of evolving Takagi - Sugeno fuzzy models for a nonlinear benchmark		3rd IEEE International Conference on Cognitive Infocommunications Coginfocom 2012 Proceedings			0	0	0	1	1		
6269	2012	Dimensioning the heating system for residential buildings using neural networks		11th Symposium on Neural Network Applications in Electrical Engineering Neurel 2012 Proceedings			0	0	0	0	0		
6270	2012	Low speed PM generator for wind turbines applications		15th International Power Electronics and Motion Control Conference and Exposition EPE Pcmc 2012 Ecce Europe			1	0	0	0	0		
6271	2012	Measuring system for distorted regime generated by three phase nonlinear loads		15th International Power Electronics and Motion Control Conference and Exposition EPE Pcmc 2012 Ecce Europe			0	0	0	0	0		
6272	2012	Dual input hybrid buck LC converter for a mixed wind and PV array generation system		15th International Power Electronics and Motion Control Conference and Exposition EPE Pcmc 2012 Ecce Europe			0	1	0	1	0		
6273	2012	2-DOF PI(D) Takagi-Sugeno and sliding mode controllers for BLDC drives		15th International Power Electronics and Motion Control Conference and Exposition EPE Pcmc 2012 Ecce Europe			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6274	2012	Comparative evaluation of buck and hybrid buck DC-DC converters for automotive applications		15th International Power Electronics and Motion Control Conference and Exposition EPE Pcmc 2012 Ecce Europe			1	0	0	1	0		
6275	2012	BLDC multiphase reluctance machines for wide range applications: A revival attempt		15th International Power Electronics and Motion Control Conference and Exposition EPE Pcmc 2012 Ecce Europe			0	0	1	0	0		
6276	2012	The anyon's knotted paths and M. Kontsevich integral	0094243X	Aip Conference Proceedings	1472		1	0	0	0	0		
6277	2012	Actuation micro-design based on martensitic phase transformations in shape memory alloys	0094243X	Aip Conference Proceedings	1472		0	1	0	0	0		
6278	2012	Excited binomial states for the pseudoharmonic oscillator	0094243X	Aip Conference Proceedings	1472		0	0	1	0	0		
6279	2012	The enhancing role of the closed channels in dissociative recombination: An example for the H2+/H2 system	0094243X	Aip Conference Proceedings	1472		0	0	0	0	0		
6280	2012	Towards UML software models for Cyber Physical System applications		2012 20th Telecommunications Forum Telfor 2012 Proceedings			1	0	0	0	0		
6281	2012	Embedded temperature monitoring system with a microcontroller used in the automotive industry		2012 20th Telecommunications Forum Telfor 2012 Proceedings			0	0	0	0	0		
6282	2012	Mathematical, numerical and experimental analysis of the swirling flow at a Kaplan runner outlet	17551307	Iop Conference Series Earth and Environmental Science	15	PART 3	0	0	0	0	0		
6283	2012	Influence of the velocity field at the inlet of a Francis turbine draft tube on performance over an operating range	17551307	Iop Conference Series Earth and Environmental Science	15	PART 3	0	0	0	0	0		
6284	2012	Experimental investigations of the swirling flow in the conical diffuser using flow-feedback control technique with additional energy source	17551307	Iop Conference Series Earth and Environmental Science	15	PART 6	1	2	1	1	1		
6285	2012	Improving the efficiency of highly predictable wireless sensor platforms with hybrid scheduling		2012 IEEE International Symposium on Robotic and Sensors Environments Rose 2012 Proceedings			0	0	0	0	1		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6286	2012	Reduced complexity biasing solution for switched parallel plate waveguide with embedded active metamaterial layer	9205071	Journal of Electromagnetic Waves and Applications	26	14-15	0	1	1	0	0
6287	2012	Automated colored object sorting application for robotic arms		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			3	3	2	5	0
6288	2012	Dual rotor single- stator axial air gap PMSM motor/generator drive for HEVs: A review of comprehensive modeling and performance characterization	21659400	Electrical Systems for Aircraft Railway and Ship Propulsion Esars			1	1	3	0	1
6289	2012	Denoising based blind estimation for Single Carrier Frequency Division Multiplexing (SCFDM)		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			1	0	0	0	0
6290	2012	Statistical modeling of texture wavelet coefficients		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			1	0	0	0	1
6291	2012	Educational PV system at the 'Politehnica' University of TimiÅŸoara		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0
6292	2012	Signal strength prediction using digital maps interpolation		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0
6293	2012	Barycentric distribution estimation for texture clustering based on information-geometry tools		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0
6294	2012	Design and simulation of DC/DC boost converter used for a distributed sensing system based on a multidrop sensor network with RS485 interface		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0
6295	2012	Discrete spectra frequency resolution improvement		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0
6296	2012	Inteligent tele-management of street lighting equiped with HID lamps		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6297	2012	Testing reverse polarity energy reserve capacitor with the automatic crash event generator		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6298	2012	Compression of magnetocardiograms using the Discrete Wavelet Transform		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6299	2012	Wireless sensor network node localization via second order cone programming		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6300	2012	Study on the effect of the voltage upon the electrolytic capacitors mounted in reverse polarity		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6301	2012	Automatic evaluation of steatosis by ultrasound image analysis		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6302	2012	A new low-stress high efficiency buck converter		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6303	2012	SAPHE: Simple accelerometer based wireless pairing with heuristic trees		ACM International Conference Proceeding Series			2	6	2	3	0		
6304	2012	Fast and robust point cloud matching based on EM-ICP prepositioning		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6305	2012	Data mining based wireless network traffic forecasting		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			1	1	0	0	1		
6306	2012	Thermoelectric modules thermal conductance measurement system		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6307	2012	On using a gyroscope to measure the angular position		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6308	2012	New automatic SPI decoding algorithm		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6309	2012	Analysis of dynamic textures using a 3D approach for the co-occurrence matrix features		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	1		
6310	2012	Spatiotemporal interpolation of body surface potential maps: Methods and errors		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	1	0	0		
6311	2012	A new method for interpolation of 3D antenna pattern from 2D plane patterns		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			1	0	1	0	1		
6312	2012	Performance of trellis termination methods for RSC component encoders of turbo codes		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			1	0	0	0	0		
6313	2012	Hybrid PAPR reduction scheme using Walsh Hadamard precoding and signal companding		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6314	2012	Study on inter- and intra-symbol interleaving succession in multi-binary turbo codes		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6315	2012	SPICE parameters extraction methods of MOS transistors under ionizing irradiation action		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		
6316	2012	Thermoelectrical energy harvesting system: Modelling, simulation and implementation		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			1	2	0	2	0		
6317	2012	Some aspects of implementing a cubic spline interpolation algorithm on a DSP		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	1	0	0	0		
6318	2012	A ToF 3D database for hand gesture recognition		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			1	0	2	0	0		
6319	2012	Using PIC16F870 as a control unit for electrodermal centers analyzer		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6320	2012	A complete second order statistical analysis of the Hyperanalytic Wavelet Transform		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	1	0	0	0
6321	2012	The Hyperanalytic Wavelet Packets - A solution to increase the directional selectivity in image analysis		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	1	0	0
6322	2012	Contrast enhancement in video sequences using variable block shape adaptive histogram equalization		2012 10th International Symposium on Electronics and Telecommunications Isetc 2012 Conference Proceedings			0	0	1	0	0
6323	2012	Aspects of sustainable development: Fly ash deposits, biosolids, contaminated biomass	12247154	Studia Universitatis Babes Bolyai Chemia		3	0	0	0	0	0
6324	2012	Optimization of water adduction mains path	18196608	Arpn Journal of Engineering and Applied Sciences	7	12	0	0	0	0	0
6325	2012	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector	11266708	Journal of High Energy Physics	2012	12	0	1	1	0	0
6326	2012	Creation of geodatabase on the implementation IACS-LPIS in Romania	13115065	Journal of Environmental Protection and Ecology	13	3:00 AM	0	0	0	0	0
6327	2012	Effective management of spatial data in order to achieve Urban planning	13115065	Journal of Environmental Protection and Ecology	13	3:00 AM	0	0	0	0	0
6328	2012	Background modeling and foreground detection via a reconstructive and discriminative subspace learning approach		Proceedings of the 2012 International Conference on Image Processing Computer Vision and Pattern Recognition Ipcv 2012	1		3	0	2	1	1
6329	2012	Division spatial urban planning of an area. case study-the sportand recreation facilities in Timisoara	13115065	Journal of Environmental Protection and Ecology	13	4	0	0	0	0	0
6330	2012	Experiment-based approach to reference trajectory tracking		Proceedings of the IEEE International Conference on Control Applications			0	0	0	0	0
6331	2012	Monitoring mining dumps in relation with environmental protection	13115065	Journal of Environmental Protection and Ecology	13	4	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6332	2012	Stability analysis and control synthesis for a network control system using a nonlinear network transmission model - A switched system approach		Proceedings of the IEEE International Conference on Control Applications			0	0	0	0	0		
6333	2012	Building a Knowledge base to obtain the maximum power point for a PV panel		Proceedings of the IEEE International Conference on Control Applications			1	0	0	0	0		
6334	2012	A new way for energy supplying in the beer industry	13115065	Journal of Environmental Protection and Ecology	13	4	0	0	0	0	0		
6335	2012	Implication of forestry cadastre in the national strategy of environmental protection	13115065	Journal of Environmental Protection and Ecology	13	4	1	0	0	0	0		
6336	2012	Electrochemical determination of diclofenac using boron-doped diamond electrode	13115065	Journal of Environmental Protection and Ecology	13	4	2	1	3	0	1		
6337	2012	Environmental effects of exploitation of iron ore deposit boul peak - The poiana rusca mountains	13115065	Journal of Environmental Protection and Ecology	13	4	0	0	0	0	0		
6338	2012	Study on soil pollution with heavy metals near the river Ampoi, the Alba County	13115065	Journal of Environmental Protection and Ecology	13	4	1	0	0	0	0		
6339	2012	An optimal modeling of dynamics of perturbed columnar vortices by sensitivity analysis	0094243X	Aip Conference Proceedings	1493		0	0	0	0	0		
6340	2012	Parabolized instability study of two-dimensional swirling flows	0094243X	Aip Conference Proceedings	1493		0	0	0	0	0		
6341	2012	Chernoff product formula for C0-semigroups on L^{∞}	0094243X	Aip Conference Proceedings	1493		0	0	0	0	0		
6342	2012	Ecologically sustainable asphalt mixtures in the road technique	13115065	Journal of Environmental Protection and Ecology	13	4	0	0	0	0	0		
6343	2012	Mathematical models in simulation process in rehabilitation of persons with disabilities	0094243X	Aip Conference Proceedings	1493		0	0	0	0	0		
6344	2012	Resolving ecological problems through a holistic vision of regional Urban planning	13115065	Journal of Environmental Protection and Ecology	13	4	0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6345	2012	Localization of the most amplified perturbation in a vortex rope located in Francis turbine at partial discharge	0094243X	Aip Conference Proceedings	1493		0	1	0	0	1
6346	2012	Aspects regarding the level of acoustic discomfort generated by urban traffic	13115065	Journal of Environmental Protection and Ecology	13	4	0	0	0	0	0
6347	2012	Stable Iterative Correlation-based Tuning algorithm for servo systems		IECON Proceedings Industrial Electronics Conference			0	0	0	0	0
6348	2012	Design and FEM validation for an axial Single Stator Dual Rotor PMSM		IECON Proceedings Industrial Electronics Conference			0	0	0	0	1
6349	2012	Load flow computation Particle Swarm Optimization algorithm		Proceedings of the Universities Power Engineering Conference			0	0	0	0	0
6350	2012	Interconnected power system optimal power exchanges		Proceedings of the Universities Power Engineering Conference			0	0	0	0	0
6351	2012	Genetic algorithm power flow computing approach		Proceedings of the Universities Power Engineering Conference			0	1	0	0	0
6352	2012	Chaotic trajectory design for monitoring an arbitrary number of specified locations using points of interest	1024123X	Mathematical Problems in Engineering	2012		2	2	4	4	1
6353	2012	Detecting power voltage dips using tracking filters - A comparison against Kalman	15827445	Advances in Electrical and Computer Engineering	12	4	0	0	2	0	0
6354	2012	LiBrA-CAN: A lightweight broadcast authentication protocol for controller area networks	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	7712 LNCS		29	13	19	18	3
6355	2012	A goal-oriented programming framework for grid sensor networks with reconfigurable embedded nodes	15399087	Transactions on Embedded Computing Systems	11	4	0	0	1	0	1
6356	2012	Automatic capacitor evaluation and testing with characteristic graph		2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages Siitme 2012 Conference Proceedings			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6357	2012	An inductive system for measuring microampere currents		2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages Siitme 2012 Conference Proceedings			0	0	0	1	0
6358	2012	Optimization of LED assembly for LCD backlight using photo-electro-thermal modeling and simulation		2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages Siitme 2012 Conference Proceedings			0	1	0	0	0
6359	2012	Surface temperature measurement with thermocouple matrix using a switch control unit		2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages Siitme 2012 Conference Proceedings			0	0	0	0	0
6360	2012	Wireless sensor network localization scenario		2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages Siitme 2012 Conference Proceedings			0	0	0	0	0
6361	2012	Ätuk converter employing indirect current control loop for TEG energy harvesting devices		2012 IEEE 18th International Symposium for Design and Technology of Electronics Packages Siitme 2012 Conference Proceedings			0	0	0	0	1
6362	2012	On nonuniform dichotomy for stochastic skew-evolution semiflows in Hilbert spaces	114642	Czechoslovak Mathematical Journal	62	4	0	1	1	0	2
6363	2012	nRobotic applications to path planning for mobile robots in missions		2012 16th International Conference on System Theory Control and Computing Icstcc 2012 Joint Conference Proceedings			0	0	0	0	0
6364	2012	Comparison study of PID controller tuning for greenhouse climate with feedback-feedforward linearization and decoupling		2012 16th International Conference on System Theory Control and Computing Icstcc 2012 Joint Conference Proceedings			2	2	0	2	3
6365	2012	Control function modeling for the cardiovascular system at constant effort using a pole allocation method		2012 16th International Conference on System Theory Control and Computing Icstcc 2012 Joint Conference Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6366	2012	PSO and GSA algorithms for fuzzy controller tuning with reduced process small time constant sensitivity		2012 16th International Conference on System Theory Control and Computing Icstcc 2012 Joint Conference Proceedings			1	0	0	0	0		
6367	2012	Motion-sensorless control of BLDC-PM motor with offline FEM-information-assisted position and speed observer	939994	IEEE Transactions on Industry Applications	48	6	5	4	4	2	3		
6368	2012	High-frequency-injection-assisted 'active-flux'-based sensorless vector control of reluctance synchronous motors, with experiments from zero speed	939994	IEEE Transactions on Industry Applications	48	6	11	9	7	7	6		
6369	2012	Scalar control systems with permanent magnet synchronous motors with sinusoidal current control. calculation of speed controller parameters	354066	Revue Roumaine Des Sciences Techniques Serie Electrotechnique Et Energetique	57	1	0	0	0	0	0		
6370	2012	Graded transitions in Ni-Ti shape memory alloys processed by severe plastic deformation	17936047	Functional Materials Letters	5	4	0	0	1	2	0		
6371	2012	Biocatalytic acylation of sugar alcohols by 3-(4-hydroxyphenyl)propionic acid	13595113	Process Biochemistry	47	12	1	1	1	0	3		
6372	2012	Non-isothermal crystallization kinetics of some glass-ceramics with pyroxene structure	223093	Journal of Non Crystalline Solids	358	23	4	0	2	1	3		
6373	2012	Study on the formation of Co xFe 3-xO 4 system using two low temperature synthesis methods	255408	Materials Research Bulletin	47	12	3	0	1	0	0		
6374	2012	Behaviour of cold-formed steel perforated sections in compression. Part 1 - Experimental investigations	2638231	Thin Walled Structures	61		7	2	10	7	4		
6375	2012	Behaviour of cold-formed steel perforated sections in compression: Part 2 - Numerical investigations and design considerations	2638231	Thin Walled Structures	61		4	2	3	9	4		
6376	2012	Experimental tests on seismically damaged composite steel concrete walls retrofitted with CFRP composites	1410296	Engineering Structures	45		1	2	3	1	3		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6377	2012	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions	14346044	European Physical Journal C	72	11	0	0	0	0	0
6378	2012	Modeling, identification and prediction of inherent quasi-stationary pressure dynamics of a common-rail system using neuro-fuzzy structures with local linear arx models	14548658	Control Engineering and Applied Informatics	14	3	0	0	0	0	1
6379	2012	PAPR reduction of OFDM signals using selective mapping and clipping hybrid scheme	22195491	European Signal Processing Conference			0	1	0	0	0
6380	2012	Kullback-Leibler distance between complex generalized Gaussian distributions	22195491	European Signal Processing Conference			0	1	1	0	1
6381	2012	Search for resonant top quark plus jet production in $t\bar{t}, +$ jets events with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV	15507998	Physical Review D Particles Fields Gravitation and Cosmology	86	9	0	1	0	0	0
6382	2012	About some thermodynamical properties of cylindrical nanorods	12211451	Romanian Reports in Physics	64	4	0	0	0	0	0
6383	2012	Measurement of the b-hadron production cross section using decays to $D^{*+} \rightarrow \pi^+ X$ final states in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	5503213	Nuclear Physics B	864	3	2	3	1	4	1
6384	2012	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector	14346044	European Physical Journal C	72	11	0	0	0	0	0
6385	2012	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV	14346044	European Physical Journal C	72	11	2	0	1	2	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6386	2012	Search for a supersymmetric partner to the top quark in final states with jets and missing transverse momentum at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	319007	Physical Review Letters	109	21	0	0	0	0	0
6387	2012	Search for direct top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=7\text{TeV}$ pp collisions using 4.7fb-1 of ATLAS data	319007	Physical Review Letters	109	21	0	0	0	0	0
6388	2012	An optimal approach to study the nonlinear behaviour of a rotating electrical machine	1110757X	Journal of Applied Mathematics	2012		0	1	0	0	0
6389	2012	Algorithms of cubic B-spline interpolation extended for $m \geq 2$		Proceedings of the 2012 8th International Symposium on Communication Systems Networks and Digital Signal Processing Csndsp 2012			0	1	0	0	0
6390	2012	Novel design of cognitive system strategies		Lindi 2012 4th IEEE International Symposium on Logistics and Industrial Informatics Proceedings			1	0	1	0	0
6391	2012	PAPR reduction scheme with clipping and quasilinear sigmoid compression functions	18037232	International Conference on Applied Electronics			0	0	0	0	0
6392	2012	Control structures for variable inertia output coupled drives		Lindi 2012 4th IEEE International Symposium on Logistics and Industrial Informatics Proceedings			0	0	0	0	0
6393	2012	Titanocene / cyclodextrin supramolecular systems: A theoretical approach	1752153X	Chemistry Central Journal	6	1	0	1	0	1	0
6394	2012	Further search for supersymmetry at $\sqrt{s}=7\text{TeV}$ in final states with jets, missing transverse momentum, and isolated leptons with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	86	9	0	2	1	0	1
6395	2012	Wheeled mobile robot model and cooperative formation control	11092777	Wseas Transactions on Systems	11	11	0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6396	2012	The energy transfer between the ports of an implemented gyrator using LM13700 operational transconductance amplifier	346748	Review of Scientific Instruments	83	11	0	1	2	0	0		
6397	2012	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC	11266708	Journal of High Energy Physics	2012	11	1	0	0	0	1		
6398	2012	Sol-gel entrapped candida antarctica lipase B - A biocatalyst with excellent stability for kinetic resolution of secondary alcohols	14203049	Molecules	17	11	2	0	4	1	1		
6399	2012	Real-valued genetic algorithms with disagreements	18659284	Memetic Computing	4	4	0	0	0	0	0		
6400	2012	Theoretical study of emissions for stationary spark ignition engines fuelled with biogas	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	0	0	0	0	0		
6401	2012	Study on reverse engineering of historical architecture in timisoara based on 3d laser point technologies	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	1	1	0	0	0		
6402	2012	Noise pollution emitted as a consequence of the urban transport development	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	1	0	1	0	0		
6403	2012	Measuring and determining the dynamic deformation of constructions using modern technologies and techniques	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	0	0	0	0	0		
6404	2012	Novel adaptive gravitational search algorithm for fuzzy controlled servo systems	15513203	IEEE Transactions on Industrial Informatics	8	4	9	7	4	3	1		
6405	2012	Generation of digital terrain model for a flood area	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	0	0	0	0	0		
6406	2012	Hazard mapping for the natural disasters	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	0	0	0	0	0		
6407	2012	Cadastral support for an efficient town planning in timisoara, romania	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	0	0	0	1	0		
6408	2012	Safely cmt welding case study	13115065	Journal of Environmental Protection and Ecology	13	2:00 AM	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6409	2012	A survey on gas leak detection and localization techniques	9504230	Journal of Loss Prevention in the Process Industries	25	6	65	58	46	61	41
6410	2012	Îμ-Approximate polynomial solutions for the multi-pantograph equation with variable coefficients	963003	Applied Mathematics and Computation	219	4	1	0	0	1	0
6411	2012	Approximate polynomial solutions for nonlinear heat transfer problems using the squared remainder minimization method	7351933	International Communications in Heat and Mass Transfer	39	9	1	0	0	1	0
6412	2012	Computation of stress distribution in a Francis turbine runner induced by fluid flow	9270256	Computational Materials Science	64		7	0	3	1	2
6413	2012	Response of semi-crystalline thermoplastic polymers to dynamic loading: A finite element study	9270256	Computational Materials Science	64		1	0	1	0	1
6414	2012	Experimental and numerical assessment of the effectiveness of FRP-based strengthening configurations for dapped-end RC beams	1410296	Engineering Structures	44		4	4	4	12	8
6415	2012	State estimation of induction motor drives using the unscented Kalman filter	2780046	IEEE Transactions on Industrial Electronics	59	11	15	10	5	10	9
6416	2012	Using a geographic information system (GIS) to model, manage and develop urban data of the TIMISOARA city	13115065	Journal of Environmental Protection and Ecology	13	3	0	0	0	0	0
6417	2012	Potential of short rotation coppice as renewable energy source. Examples from romanian practice	13115065	Journal of Environmental Protection and Ecology	13	3	0	1	0	0	0
6418	2012	Optimizing operation costs of the heating system of a household using model predictive control considering a local PV installation		Simultech 2012 Proceedings of the 2nd International Conference on Simulation and Modeling Methodologies Technologies and Applications			0	0	0	0	0
6419	2012	Adaptive gravitational search algorithm for PI-fuzzy controller tuning		Icinco 2012 Proceedings of the 9th International Conference on Informatics in Control Automation and Robotics	1		1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6420	2012	Data-based tuning of PI controllers for vertical three-tank systems		Icinco 2012 Proceedings of the 9th International Conference on Informatics in Control Automation and Robotics	1		0	1	0	0	0
6421	2012	Search for a Standard Model Higgs boson in the mass range 200â€“600 GeV in the $H\rightarrow ZZ\rightarrow \ell\ell\ell\ell$ decay channel with the ATLAS Detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	717	01-Mar	0	0	0	0	0
6422	2012	Search for a standard model Higgs boson in the $H\rightarrow ZZ\rightarrow \ell\ell\ell\ell$ decay channel using 4.7 fb ⁻¹ of $\sqrt{s}=7$ TeV data with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	717	01-Mar	0	1	0	0	0
6423	2012	Measurement of $W\bar{t}$ and $Z\bar{t}$ production cross sections in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous triple gauge couplings with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	717	01-Mar	1	2	4	2	1
6424	2012	Measurement of the top quark pair cross section with ATLAS in pp collisions at $\sqrt{s}=7$ TeV using final states with an electron or a muon and a hadronically decaying $\bar{t}$, lepton	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	717	01-Mar	1	0	1	1	1
6425	2012	Rating tools for the evaluation of building sustainability		Life Cycle and Sustainability of Civil Infrastructure Systems Proceedings of the 3rd International Symposium on Life Cycle Civil Engineering Ialcce 2012			1	0	0	0	0
6426	2012	Sustainable retrofitting solutions for precast concrete residential buildings		Life Cycle and Sustainability of Civil Infrastructure Systems Proceedings of the 3rd International Symposium on Life Cycle Civil Engineering Ialcce 2012			0	0	1	1	0
6427	2012	Sustainable thermal retrofitting solutions for multi-storey residential buildings		Life Cycle and Sustainability of Civil Infrastructure Systems Proceedings of the 3rd International Symposium on Life Cycle Civil Engineering Ialcce 2012			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6428	2012	Life-cycle assessment of a passive house and a traditional house - Comparative study based on practical experiences		Life Cycle and Sustainability of Civil Infrastructure Systems Proceedings of the 3rd International Symposium on Life Cycle Civil Engineering Ialce 2012			0	0	0	0	1
6429	2012	ATLAS measurements of the properties of jets for boosted particle searches	15507998	Physical Review D Particles Fields Gravitation and Cosmology	86	7	0	1	2	3	4
6430	2012	Wear properties of CrC-37WC-18M coatings deposited by HVOF and HVOF spraying processes	2578972	Surface and Coatings Technology	210		5	5	5	4	0
6431	2012	3D stereo vision measurements for weed-crop discrimination	13921215	Elektronika Ir Elektrotehnika	123	7	2	0	0	0	1
6432	2012	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	86	7	3	1	4	1	2
6433	2012	Electro-thermal modeling of power LED using SPICE circuit solver	21612528	Proceedings of the International Spring Seminar on Electronics Technology			1	1	1	2	0
6434	2012	Revisiting difficulty notions for client puzzles and DoS resilience	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	7483 LNCS		0	0	0	0	0
6435	2012	School of the future: Using augmented reality for contextual information and navigation in academic buildings		Proceedings of the 12th IEEE International Conference on Advanced Learning Technologies Icalt 2012			1	2	0	0	1
6436	2012	Devising ICT in engineering education based on the university academia expectations		Proceedings of the 12th IEEE International Conference on Advanced Learning Technologies Icalt 2012			0	0	0	0	0
6437	2012	Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector	14346044	European Physical Journal C	72	10	0	0	0	0	0
6438	2012	Measurement of $W\pm Z$ production in proton-proton collisions At $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector	14346044	European Physical Journal C	72	10	1	2	3	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6439	2012	Remote monitoring system for power quality analysis based on virtual instrumentation		2012 35th International Conference on Telecommunications and Signal Processing Tsp 2012 Proceedings			0	0	0	0	0		
6440	2012	Takagi-Sugeno fuzzy control solutions for BLDC drives		Speedam 2012 21st International Symposium on Power Electronics Electrical Drives Automation and Motion			0	0	0	0	0		
6441	2012	Acquisition software design for temperature sensors		2012 35th International Conference on Telecommunications and Signal Processing Tsp 2012 Proceedings			0	0	0	0	0		
6442	2012	Packet loss analysis in wireless sensor networks routing protocols		2012 35th International Conference on Telecommunications and Signal Processing Tsp 2012 Proceedings			4	4	1	2	2		
6443	2012	Industrial smart power supply		2012 35th International Conference on Telecommunications and Signal Processing Tsp 2012 Proceedings			0	0	0	0	0		
6444	2012	Dual input hybrid buck LC converter		Speedam 2012 21st International Symposium on Power Electronics Electrical Drives Automation and Motion			1	1	1	0	1		
6445	2012	Comparative evaluation of buck and switched-capacitor hybrid buck DC-DC converters		Speedam 2012 21st International Symposium on Power Electronics Electrical Drives Automation and Motion			0	2	0	1	0		
6446	2012	Design, analysis and validation of an observer-based delay compensation structure for a Network Control System		2012 20th Mediterranean Conference on Control and Automation MED 2012 Conference Proceedings			0	0	1	0	0		
6447	2012	Foam glass as an alternative for glass wastes recycling	15833186	Revista Romana De Materiale Romanian Journal of Materials	42	3	2	0	0	0	0		
6448	2012	Analysis of one cycle controlled SEPIC converters		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
6449	2012	Experimental study of natural convection enhancement using a Fe 3O4-water based magnetic nanofluid	15334880	Journal of Nanoscience and Nanotechnology	12	10	1	0	0	0	0		
6450	2012	On the kinetic equations of a lithium-ion battery model	1631073X	Comptes Rendus Mathematique	350	19-20	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6451	2012	The use of thermal analysis to investigate the effects of cellulose ethers on the Portland cement hydration	13886150	Journal of Thermal Analysis and Calorimetry	110	1	0	2	6	1	2
6452	2012	Medical data mining with extended WEKA		Ines 2012 IEEE 16th International Conference on Intelligent Engineering Systems Proceedings			1	0	0	1	0
6453	2012	Computational modeling of multicellular systems evolution in tissue engineering		Ines 2012 IEEE 16th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0
6454	2012	Interdisciplinarity in e-learning platforms based on textual annotation	18650929	Communications in Computer and Information Science	319 CCIS		0	0	0	0	0
6455	2012	Model-based control algorithms for optimal therapy of high-impact public health diseases		Ines 2012 IEEE 16th International Conference on Intelligent Engineering Systems Proceedings			1	0	0	0	0
6456	2012	Usability evaluation of a LMS mobile web interface	18650929	Communications in Computer and Information Science	319 CCIS		6	3	2	3	2
6457	2012	Adsorption studies of Cr(III) ions from aqueous solutions by DEHPA impregnated onto Amberlite XAD7 - Factorial design analysis	2638762	Chemical Engineering Research and Design	90	10	7	5	5	1	5
6458	2012	An approach to fuzzy modeling of magnetic levitation systems	9740635	International Journal of Artificial Intelligence	9	#####	1	2	0	0	0
6459	2012	On a Hamiltonian version of a three-dimensional LotkaVolterra system	14681218	Nonlinear Analysis Real World Applications	13	5	1	1	2	0	3
6460	2012	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s}=7\text{TeV}$	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	716	1	2	3	3	4	1
6461	2012	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	716	1	480	482	445	441	478
6462	2012	Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector at $\sqrt{s}=7\text{ TeV}$	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	716	1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6463	2012	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	86	5	1	0	0	1	0
6464	2012	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	14346044	European Physical Journal C	72	9	0	0	0	0	2
6465	2012	Extending quantum operations	222488	Journal of Mathematical Physics	53	10	3	3	8	1	1
6466	2012	Fricriveting of civil engineering composite laminates for bridge construction		Annual Technical Conference ANTEC Conference Proceedings	2		0	0	0	1	0
6467	2012	The synthesis and characterization of the polyurethanes with antimicrobial properties	16187229	E Polymers			0	2	0	0	0
6468	2012	New perspectives of virtual teams' collaboration	18650929	Communications in Computer and Information Science	248	CCIS	0	0	0	0	0
6469	2012	Hexagonal polytype of CuCrO2 nanocrystals obtained by hydrothermal method	13880764	Journal of Nanoparticle Research	14	9	0	4	1	0	1
6470	2012	Aromatic amines as proton carriers for catalytic enhancement of hydrogen evolution reaction on copper in acid solutions	3603199	International Journal of Hydrogen Energy	37	17	2	2	0	0	0
6471	2012	Tethered glycoderivatives with unsaturated spacer: Synthesis and characterization	397911	Synthetic Communications	42	17	0	0	0	0	0
6472	2012	Dissimilar friction welding of induction surface-hardened steels and thermochemically treated steels	9240136	Journal of Materials Processing Technology	212	9	2	0	0	2	0
6473	2012	Hybrid I-f starting and observer-based sensorless control of single-phase BLDC-PM motor drives	2780046	IEEE Transactions on Industrial Electronics	59	9	6	7	8	4	5
6474	2012	Implementation of very high radix division in FPGAs	135194	Electronics Letters	48	18	0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6475	2012	Search for scalar top quark pair production in natural gauge mediated supersymmetry models with the ATLAS detector in pp collisions at s=7TeV	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	715	01-Mar	1	0	0	0	0	
6476	2012	Structure simulation into a lamellar supramolecular network and calculation of the metal ions/ligands ratio	1752153X	Chemistry Central Journal	6	1	1	2	5	5	0	
6477	2012	Study of the complexation behavior of tenoxicam with cyclodextrins	148237	Farmacia	60	4	1	0	0	0	0	
6478	2012	Local model learning for asynchronous services	21567921	ICSE Workshop on Principles of Engineering Service Oriented Systems			0	0	0	0	0	
6479	2012	A note concerning several hermite-hadamard inequalities for different types of convex functions	13128876	International Journal of Mathematical Analysis	6	33-36	0	1	1	1	1	
6480	2012	Search for tb resonances in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	319007	Physical Review Letters	109	8	1	0	0	0	0	
6481	2012	Adaptive control solutions for the position control of electromagnetic actuated clutch systems		IEEE Intelligent Vehicles Symposium Proceedings			0	0	1	1	0	
6482	2012	On the stability problem in fuzzy banach space	10853375	Abstract and Applied Analysis	2012		0	0	1	0	1	
6483	2012	Search for pair production of a new $b\bar{c}$ quark that decays into a Z boson and a bottom quark with the ATLAS detector	319007	Physical Review Letters	109	7	0	0	2	2	2	
6484	2012	Signatures: Definitions, operators and applications to fuzzy modelling	1650114	Fuzzy Sets and Systems	201		2	4	2	9	6	
6485	2012	Language in the courtroom: A comparative study of American and Romanian criminal trials	17488885	International Journal of Speech Language and the Law	19	1	1	0	0	0	0	
6486	2012	Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV proton-proton collision data with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	714	02-May	0	0	0	0	1	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6487	2012	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying $\tilde{l}$, lepton in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	714	02-May	0	0	0	0	1		
6488	2012	Experimental analysis for plate-type electrostatic precipitators with three sections	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	0	1	0		
6489	2012	Wide speed range V/f with stabilizing loops control of tooth-wound IPMSM drives	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	1	0	0	0		
6490	2012	Direct torque control via feedback linearization for permanent magnet synchronous motor drives	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			2	2	0	0	3		
6491	2012	Z converter control of a V/f induction motor drive	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	1	1	0	0		
6492	2012	Theoretical characterization of three phase flux reversal machine with rotor-PM flux concentration	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			2	1	3	0	0		
6493	2012	On-line estimation of stator resistance and mutual inductance of multiphase induction machines	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	1	1	2	0		
6494	2012	Optimization of an electrocardiogram compression technique based on wavelets	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	0	1	0		
6495	2012	Fundamental problems related to the control of wind energy conversion systems-maximum power extraction and smoothing the power fluctuations delivered to the grid	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	0	0	0		
6496	2012	Comparative study of buck and hybrid buck switched-inductor DC-DC converters	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	3	1	2	2		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6497	2012	Fuzzy logic based MPPT controller for a small wind turbine system	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	1	2	0	0		
6498	2012	Optimal design of the transverse flux machine using a fitted genetic algorithm with real parameters	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	1	1	0	0		
6499	2012	A comparative investigation of three PM-less MW power range wind generator topologies	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	2	0	1		
6500	2012	The influence of the steel core of a multiple conductor on the internal inductance	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			2	0	0	0	0		
6501	2012	Currents distribution analysis in nontransposed elementary conductors of a full-scale model bar	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
6502	2012	Interference rejection in direction of arrival estimation using linear array antenna	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
6503	2012	Development of tools for simulation systems in a distribution network and validated by measurements	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			2	0	0	0	0		
6504	2012	Stable V/f control system with unity power factor for PMSM drives	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			3	1	4	1	1		
6505	2012	Optimum current control for wide speed range operation of PMSM drive without regenerative unit utilizing PWM-VSI overmodulation	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	1		
6506	2012	Dual input, small power, PV and wind energy conversion system	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	1	0	1	0		
6507	2012	Effects of stator slot magnetic wedges on the induction motor performances	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			3	3	2	2	2		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6508	2012	Experimental determination of harmonic conditions amplification in a distribution network by capacitor bank switching	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	2	0	0	0		
6509	2012	A comparison of some Hurst parameter estimators	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	1	0	0		
6510	2012	Colored object detection algorithm for visual-servoing application	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
6511	2012	Real-time collision detection for long thin medical instruments in virtual reality-based simulators	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
6512	2012	Unsteady pressure analysis of a swirling flow with vortex rope and axial water injection in a discharge cone	982202	Journal of Fluids Engineering Transactions of the ASME	134	8	8	17	15	13	18		
6513	2012	Process and product innovation needs integrated engineering collaboration skills	20477481	Journal of Software Evolution and Process	24	5	3	3	1	0	1		
6514	2012	Procedure of embedding biological action functions into the atmospheric transmittance	0177798X	Theoretical and Applied Climatology	109	03-Apr	0	0	0	0	0		
6515	2012	Cyclic oxidation behaviour of different treated CoNiCrAlY coatings	1694332	Applied Surface Science	258	20	5	2	2	4	3		
6516	2012	Fuzzy control systems with reduced parametric sensitivity based on simulated annealing	2780046	IEEE Transactions on Industrial Electronics	59	8	4	6	2	2	0		
6517	2012	Ensemble based sensing anomaly detection in wireless sensor networks	9574174	Expert Systems with Applications	39	10	4	2	5	3	2		
6518	2012	An effective procedure for the estimation of harmonic parameters of distorted sine-waves		2012 IEEE I2mtc International Instrumentation and Measurement Technology Conference Proceedings			0	1	0	0	0		
6519	2012	Signal processing in iterative improvement of inverted pendulum crane mode control system performance		2012 IEEE I2mtc International Instrumentation and Measurement Technology Conference Proceedings			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6520	2012	Simple design equation to quantify indoor air quality	13115065	Journal of Environmental Protection and Ecology	13	2	0	0	0	0	0		
6521	2012	Dynamic analysis of electronic devices' power signatures		2012 IEEE I2mtc International Instrumentation and Measurement Technology Conference Proceedings			0	0	0	0	1		
6522	2012	The power quality and efficient use of electricity generated. Romanian energy market case study		2012 11th International Conference on Environment and Electrical Engineering Eeeic 2012 Conference Proceedings			0	0	1	0	0		
6523	2012	Large consumer flicker monitoring		2012 11th International Conference on Environment and Electrical Engineering Eeeic 2012 Conference Proceedings			0	0	0	0	1		
6524	2012	Interconnected power system transmission corridors		2012 11th International Conference on Environment and Electrical Engineering Eeeic 2012 Conference Proceedings			0	0	0	0	0		
6525	2012	Noise control in railway vehicles	13115065	Journal of Environmental Protection and Ecology	13	2	0	1	0	0	0		
6526	2012	Accuracy of the synchrophasor estimator provided by the interpolated DFT algorithm		2012 IEEE I2mtc International Instrumentation and Measurement Technology Conference Proceedings			0	0	0	0	0		
6527	2012	Necessity of complementary vertically-resolved LIDAR observation for ground air pollution analysis in western Romania	13115065	Journal of Environmental Protection and Ecology	13	2	0	0	0	0	0		
6528	2012	A moving window architecture for a HW/SW codesign based Canny edge detection for FPGA		2012 28th International Conference on Microelectronics Proceedings Miel 2012			1	1	0	0	0		
6529	2012	Teaching techniques for image database indexing using learning systems platforms	21659559	IEEE Global Engineering Education Conference Educon			0	0	1	0	2		
6530	2012	Dense and sparse optic flows aggregation for accurate motion segmentation in monocular video sequences	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	7324 LNCS	PART 1	0	0	0	0	0		
6531	2012	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s}=7\text{TeV}$ using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	86	1	7	7	5	3	2		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6532	2012	Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	86	1	0	1	0	0	3
6533	2012	Novel iterative formulation of Correlation-Based Tuning		2012 IEEE International Conference on Industrial Technology Icit 2012 Proceedings			0	0	0	0	0
6534	2012	Search for down-type fourth generation quarks with the ATLAS detector in events with one lepton and hadronically decaying W bosons	319007	Physical Review Letters	109	3	0	0	1	0	1
6535	2012	Search for the decay $B_s \rightarrow \tau^+ \tau^-$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	713	04-May	2	0	0	1	0
6536	2012	Scanning of Industrial Data Matrix Codes in non orthogonal view angle cases		Proceedings of the 6th Euro American Conference on Telematics and Information Systems Eatis 2012			0	0	0	0	0
6537	2012	Corrosion inhibitors from expired drugs	3785173	International Journal of Pharmaceutics	431	01-Feb	11	19	10	13	17
6538	2012	Energy efficiency measurements of mobile virtualization systems	18678211	Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering	94 LNICST		0	0	0	0	0
6539	2012	Experimental optimization of process parameters in laser cutting of polycarbonate gears	13921207	Mechanika	18	2	4	1	0	0	1
6540	2012	Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector	14346044	European Physical Journal C	72	7	0	1	3	2	1
6541	2012	Measurement of $\tilde{t}$, polarization in $W \rightarrow \tilde{t} \tilde{t}^*$ decays with the ATLAS detector in pp collisions at $\sqrt{s} = 7\text{ TeV}$	14346044	European Physical Journal C	72	7	0	1	2	4	1
6542	2012	Organic-inorganic hybrid gels of diol-TEOS type. Synthesis and study on the chemical interaction	13180207	Acta Chimica Slovenica	59	2	0	0	0	0	0
6543	2012	Sensor-level real-time support for XBee-based wireless communication	18675662	Advances in Intelligent and Soft Computing	145 AISC	VOL. 2	0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6544	2012	Numerical simulation of the cyclic loading for welded beam-to-CFT column joints of dual-steel frames	17881994	Pollack Periodica	7	2	0	0	4	1	1
6545	2012	Solution combustion synthesis and characterization of magnetite, Fe ₃ O ₄ , nanopowders	27820	Journal of the American Ceramic Society	95	7	7	12	6	9	2
6546	2012	GPRS based data acquisition and analysis system with mobile phone control	2632241	Measurement Journal of the International Measurement Confederation	45	6	2	2	2	0	0
6547	2012	Electromagnetic bandgap solution for mitigation of parallel-plate noise in power distribution networks	8952477	Microwave and Optical Technology Letters	54	7	0	0	1	0	0
6548	2012	Chemical oxidation of residual carbon from ZnAl ₂ O ₄ powders prepared by combustion synthesis	9552219	Journal of the European Ceramic Society	32	8	7	6	2	1	0
6549	2012	Iterative performance improvement of fuzzy control systems for three tank systems	9574174	Expert Systems with Applications	39	9	3	0	1	2	2
6550	2012	Search for supersymmetry in events with three leptons and missing transverse momentum in $\sqrt{s}=7\text{TeV}$ pp collisions with the ATLAS detector	319007	Physical Review Letters	108	26	2	1	0	0	0
6551	2012	BPSK system on Spartan 3E FPGA		IEEE 10th Jubilee International Symposium on Applied Machine Intelligence and Informatics Sami 2012 Proceedings			4	1	0	0	2
6552	2012	Black holes and other solutions in commutative and noncommutative gauge theory of gravitation	1221146X	Romanian Reports of Physics	57	05-Jun	0	0	0	0	0
6553	2012	Search for pair production of a heavy up-type quark decaying to a W boson and a b quark in the lepton+jets channel with the ATLAS detector	319007	Physical Review Letters	108	26	0	0	1	0	1
6554	2012	Search for resonant WZ production in the WZ $\rightarrow \ell^+ \ell^- \gamma \gamma$ channel in $\sqrt{s}=7\text{TeV}$ pp collisions with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	11	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6555	2012	Measurement of tt production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	14346044	European Physical Journal C	72	6	1	0	1	1	0
6556	2012	Search for a light Higgs boson decaying to long-lived weakly interacting particles in proton-proton collisions at $\sqrt{s}=7$ TeV with the atlas detector	319007	Physical Review Letters	108	25	4	0	3	1	0
6557	2012	Measurement of the charge asymmetry in top quark pair production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	14346044	European Physical Journal C	72	6	2	1	2	2	1
6558	2012	Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in final states with missing transverse momentum and b-jets with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	11	0	0	0	0	0
6559	2012	Search for gluinos in events with two same-sign leptons, jets, and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV	319007	Physical Review Letters	108	24	0	0	0	0	0
6560	2012	Water content of flavonoid/cyclodextrin nanoparticles: Relationship with the structural descriptors of biologically active compounds	3088146	Food Chemistry	132	4	3	2	2	8	1
6561	2012	Search for lepton flavour violation in the $e\bar{\nu}_\mu$ continuum with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions at the LHC	14346044	European Physical Journal C	72	6	0	0	1	0	0
6562	2012	Search for FCNC single top-quark production at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	712	04-May	2	1	2	0	0
6563	2012	Measurement of the WW cross section in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector and limits on anomalous gauge couplings	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	712	04-May	3	4	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6564	2012	Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV proton-proton collisions	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	712	04-May	1	0	0	0	0	
6565	2012	Comparative study on factors affecting anaerobic digestion of agricultural vegetal residues	17546834	Biotechnology for Biofuels	5		17	32	38	26	18	
6566	2012	Discrete Morse theory, simplicial nonpositive curvature, and simplicial collapsibility	12242780	Balkan Journal of Geometry and Its Applications	17	1	1	0	0	0	0	
6567	2012	New synthesis method for M(II) chromites/silica nanocomposites by thermal decomposition of some precursors formed inside the silica gels	13886150	Journal of Thermal Analysis and Calorimetry	108	3	2	0	0	0	0	
6568	2012	Studies regarding the formation from metal nitrates and diol of NiM 2 III O4 spinels, inside a silica matrix	13886150	Journal of Thermal Analysis and Calorimetry	108	3	0	0	0	0	0	
6569	2012	Space-frequency localization as bivariate mother wavelets selecting criterion for hyperanalytic bayesian image denoising	2194775	Fluctuation and Noise Letters	11	2	0	0	0	0	0	
6570	2012	Electrochemical determination of pentachlorophenol in water on a multi-wall carbon nanotubes-epoxy composite electrode	14248220	Sensors Switzerland	12	6	3	2	5	1	3	
6571	2012	Revisit of compact Mode II crack specimen: Analysis and fracture interpretation	1678442	Theoretical and Applied Fracture Mechanics	59	1	0	0	0	2	1	
6572	2012	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s}=7$ TeV	14346044	European Physical Journal C	72	4	0	0	0	0	0	
6573	2012	Asymptotic stress field for the interface between teeth and different restorative materials	9270256	Computational Materials Science	59		0	1	1	2	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6574	2012	Synthesis of nanocrystalline nickel ferrite by thermal decomposition of organic precursors	13886150	Journal of Thermal Analysis and Calorimetry	108	3	3	2	2	3	1
6575	2012	Comparison of transmission cost allocation methods case study: DET WEST power system		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	1	0	0
6576	2012	The transient regime in the electric circuit of an electro hydraulic valve		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	1	0	0	0
6577	2012	Congestion and ATC driven transmission network expansion planning		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	0	0	0
6578	2012	Double circuit 110 kV overhead line magnetic field analysis		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	1	0	0	0
6579	2012	Fundamental aspects concerning wind power system operation. Part 2. Case study		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	1	0	0	0
6580	2012	Fundamental aspects concerning wind power system operation. Part 1. Mathematical models		Proceedings of the Mediterranean Electrotechnical Conference MELECON			1	0	0	0	0
6581	2012	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	712	01-Feb	1	0	0	0	0
6582	2012	Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	712	01-Feb	0	1	2	2	2
6583	2012	Stable design of a class of nonlinear discrete-time MIMO fuzzy control systems	17858860	Acta Polytechnica Hungarica	9	2	0	0	0	0	0
6584	2012	Observation of spin correlation in $t\bar{t}$, events from pp collisions at $\sqrt{s}=7$ TeV Using the ATLAS detector	319007	Physical Review Letters	108	21	2	5	2	4	5
6585	2012	Simulating the operation of turbo codes through the monte carlo method, comparison between MATLAB, C and C#	18675662	Advances in Intelligent and Soft Computing	133 AISC		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6586	2012	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	9	1	3	0	2	2
6587	2012	Erratum to: "Search for first generation scalar leptoquarks in pp collisions at $s=7\text{TeV}$ with the ATLAS detector" [Phys. Lett. B 709 (2012) 158]	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	711	5	0	0	0	0	0
6588	2012	Search for production of resonant states in the photon-jet mass distribution using pp collisions at $\sqrt{s}=7\text{TeV}$ collected by the ATLAS detector	319007	Physical Review Letters	108	21	0	0	1	0	0
6589	2012	Fabrication and characterization of magnetoresponse electrospun nanocomposite membranes based on methacrylic random copolymers and magnetite nanoparticles	16874110	Journal of Nanomaterials	2012		2	0	0	0	0
6590	2012	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	711	03-Apr	2	0	3	3	2
6591	2012	Considerations on stress modeling in the crankshafts through finite element method	15822214	Metalurgia International	17	6	0	0	0	0	0
6592	2012	In vitro characterization of hydroxyapatite layers deposited by APS and HVOF thermal spraying methods	8625468	Ceramics Silikaty	56	1	0	0	0	2	0
6593	2012	On the completely integrable case of the R��ssler system	222488	Journal of Mathematical Physics	53	5	1	0	0	0	2
6594	2012	Study of jets produced in association with a W boson in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	9	1	2	0	3	0
6595	2012	Search for scalar bottom quark pair production with the ATLAS detector in pp collisions at $\sqrt{s}=7\text{TeV}$	319007	Physical Review Letters	108	18	0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6596	2012	Optimized simulation framework for spiking neural networks using GPU's	15827445	Advances in Electrical and Computer Engineering	12	2	1	0	0	0	0
6597	2012	On the symmetries of a Rikitake type system	1631073X	Comptes Rendus Mathematique	350	09-Oct	1	1	2	1	1
6598	2012	The influence of particle clustering on the rheological properties of highly concentrated magnetic nanofluids	219797	Journal of Colloid and Interface Science	373	1	4	5	6	2	4
6599	2012	The romanian banat region challenging climatic changes	13115065	Journal of Environmental Protection and Ecology	13	1	0	0	0	0	0
6600	2012	Interactions between infrastructure, vehicles and environmental for rail traffic	13115065	Journal of Environmental Protection and Ecology	13	1	0	0	1	0	0
6601	2012	Studies regarding the effects of settling tanks sludge recycling on organic matter concentration from treated water	13115065	Journal of Environmental Protection and Ecology	13	1	0	2	0	0	0
6602	2012	Emissions model for spark ignition engines fuelled with gasoline-bioethanol blends	13115065	Journal of Environmental Protection and Ecology	13	1	0	0	0	0	0
6603	2012	Sustainable development of transport in the west region of Romania	13115065	Journal of Environmental Protection and Ecology	13	1	0	0	0	1	0
6604	2012	Noise pollution emitted by rail transportation systems	13115065	Journal of Environmental Protection and Ecology	13	1	0	1	0	0	0
6605	2012	Dynamics of the rill and gully erosion using gis technologies	13115065	Journal of Environmental Protection and Ecology	13	1	0	0	0	0	0
6606	2012	Impact of surveying engineering on the environmental protection problems	13115065	Journal of Environmental Protection and Ecology	13	1	0	0	0	0	0
6607	2012	Search for excited leptons in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	7	0	0	1	1	0
6608	2012	Multiresponsive polymer conetworks capable of responding to changes in pH, temperature, and magnetic field: Synthesis, characterization, and evaluation of their ability for controlled uptake and release of solutes	19448244	ACS Applied Materials and Interfaces	4	4	4	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6609	2012	Novel tensor product models for automatic transmission system control	19328184	IEEE Systems Journal	6	3	3	7	1	0	1
6610	2012	Measurement of the inclusive $W^{\pm}$ and Z/γ^* cross sections in the e and τ decay channels in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	7	3	12	6	6	4
6611	2012	Search for diphoton events with large missing transverse momentum in 1 fb ⁻¹ of 7 TeV proton-proton collision data with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	710	04-May	0	0	0	0	0
6612	2012	Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	710	04-May	2	1	2	0	2
6613	2012	Mechatronic approach of analyzing one DOF leg mechanism in order to construct a walking robot system	16609336	Applied Mechanics and Materials	162		0	0	0	0	0
6614	2012	Ergonomic study regarding the effects of the inertia and centrifugal forces on the driver	16609336	Applied Mechanics and Materials	162		0	0	0	0	0
6615	2012	Robot vision application for bearings identification and sorting	16609336	Applied Mechanics and Materials	162		0	0	0	1	0
6616	2012	Analytic and experimental study of the load distribution on spline joints length considering the contact rigidity of the bearing surfaces	16609336	Applied Mechanics and Materials	162		0	0	0	2	0
6617	2012	High quality document digitization equipment	16609336	Applied Mechanics and Materials	162		0	0	0	0	0
6618	2012	Research on determining the pose errors in a robot welding cell using theodolites	16609336	Applied Mechanics and Materials	162		0	0	0	0	1
6619	2012	Towards a virtual reality simulator for orthognathic basic skills	16609336	Applied Mechanics and Materials	162		1	2	1	0	0
6620	2012	Aspects concerning the observation process modelling in the framework of cognition processes	17858860	Acta Polytechnica Hungarica	9	1	0	0	9	18	18

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6621	2012	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow ZZ^*(*) \rightarrow 4\ell$, with 4.8 fb ⁻¹ of pp collision data at $\sqrt{s}=7$ TeV with ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	710	3	1	0	0	1	0
6622	2012	Measurement of the centrality dependence of the charged particle pseudorapidity distribution in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	710	3	4	5	4	3	1
6623	2012	Structure dependence of charged states in "linear" polyaniline as studied by in situ ATR-FTIR spectroelectrochemistry	15206106	Journal of Physical Chemistry B	116	14	5	4	4	4	8
6624	2012	Observation of a new Υ state in radiative transitions to $\Upsilon(1S)$ and $\Upsilon(2S)$ at ATLAS	319007	Physical Review Letters	108	15	6	3	4	0	2
6625	2012	Estimation of the forces generated by the thigh muscles for transtibial amputee gait	219290	Journal of Biomechanics	45	6	0	2	2	1	1
6626	2012	Proteins surface roughness analysis. Comparison of crystallographic and NMR structures	12211451	Romanian Reports in Physics	64	1	0	0	0	0	1
6627	2012	Unit-cell geometry in stripline technology featuring sequential band-gaps between every two consecutive modes	15361225	IEEE Antennas and Wireless Propagation Letters	11		0	0	1	0	0
6628	2012	Comparative study of the opportunity to use renewable energy sources to supply residential consumers	2172038X	Renewable Energy and Power Quality Journal	1	10	0	0	0	1	0
6629	2012	Opacity analysis and estimation of CO ₂ exhausted by a diesel engine vehicle running under urban traffic conditions	17905044	Wseas Transactions on Heat and Mass Transfer	7	2	1	0	0	0	0
6630	2012	Protocol vulnerabilities in practice: Causes, modeling and automatic detection	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	13	2	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6631	2012	Low-speed-small-load direct torque control ripples filtering	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	13	2	0	0	1	0	0
6632	2012	Weighted space method for the stability of some nonlinear equations	14528630	Applicable Analysis and Discrete Mathematics	6	1	1	6	5	7	8
6633	2012	New 1H-1-alkyl-6-methyl-3-phenyl-7-phenylazopyrazolo[5,1-c][1,2,4] triazoles through regioselective alkylation of 1H-6-methyl-3-phenyl- 7-phenylazopyrazolo[5,1-c][1,2,4]triazoles	18951066	Central European Journal of Chemistry	10	2	0	1	0	0	0
6634	2012	Optical properties of ZnAl 2O 4 nanomaterials obtained by the hydrothermal method	318949	Physica Scripta		T149	3	3	4	6	3
6635	2012	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2012	4	0	0	2	0	3
6636	2012	Life-cycle assessment of a steel framed family house	17881994	Pollack Periodica	7	1	0	0	0	2	0
6637	2012	Pulsed LASER-(micro)TIG hybrid welding: Process characteristics	9240136	Journal of Materials Processing Technology	212	4	1	3	1	1	1
6638	2012	Combined search for the Standard Model Higgs boson using up to 4.9 fb ⁻¹ of pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	710	1	16	3	8	3	3
6639	2012	Search for squarks and gluinos using final states with jets and missing transverse momentum with the Atlas detector in $\sqrt{s}=7$ TeV proton-proton collisions	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	710	1	1	0	0	0	0
6640	2012	Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	709	04-May	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6641	2012	Measurement of the $W \rightarrow Z$ production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	709	04-May	0	0	1	1	0
6642	2012	Measurement of $D^* \rightarrow \pi^0 \pi^0$ meson production in jets from pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	5	2	3	0	4	1
6643	2012	Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	709	3	0	0	0	0	2
6644	2012	Searches for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	709	3	0	0	0	0	0
6645	2012	An underactuated drift-free left invariant control system on a specific lie group	1110757X	Journal of Applied Mathematics	2012		0	0	0	0	0
6646	2012	Search for the Higgs Boson in the $H \rightarrow WW^{(*)} \rightarrow l^+ l^- \nu \bar{\nu}$ Decay Channel in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector	319007	Physical Review Letters	108	11	1	1	1	0	0
6647	2012	Search for the standard model Higgs boson in the diphoton decay channel with 4.9fb ⁻¹ of pp collision data at $\sqrt{s}=7$ TeV with atlas	319007	Physical Review Letters	108	11	2	1	1	3	1
6648	2012	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV	14346044	European Physical Journal C	72	3	8	3	2	6	1
6649	2012	Takagi-Sugeno fuzzy control solutions for mechatronic applications	9740635	International Journal of Artificial Intelligence	8	12 S	0	0	0	0	0
6650	2012	Investigations upon the indefinite rolls quality assurance in multiple regression analysis	348570	Revista De Metalurgia	48	2	1	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6651	2012	Small linear PM oscillatory motor: Magnetic circuit modeling corrected by axisymmetric 2-D FEM and experimental characterization	2780046	IEEE Transactions on Industrial Electronics	59	3	3	7	2	11	6
6652	2012	Measurement of the production cross section for $Z/\bar{l}^*\nu$ in association with jets in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	3	0	2	2	2	0
6653	2012	A measurement of the ratio of the W and Z cross sections with exactly one associated jet in pp collisions at $\sqrt{s}=7\text{TeV}$ with ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	708	03-May	0	0	0	0	0
6654	2012	A new type of walking robot based upon Jansen mechanism	10226680	Advanced Materials Research	463-464		1	1	1	1	1
6655	2012	Development of an efficient haptic system for tooth processing	10226680	Advanced Materials Research	463-464		0	0	0	0	0
6656	2012	Comparative analysis of ZMP for biped robot and human plantar pressure	10226680	Advanced Materials Research	463-464		0	0	0	0	0
6657	2012	Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the standard model with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	3	0	0	1	0	0
6658	2012	Search for new physics in the dijet mass distribution using 1 fb ⁻¹ of pp collision data at $\sqrt{s}=7\text{ TeV}$ collected by the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	708	01-Feb	2	0	1	2	2
6659	2012	Optimization of Selective Laser Melting technology using design of experiments method		Innovative Developments in Virtual and Physical Prototyping Proceedings of the 5th International Conference on Advanced Research and Rapid Prototyping			0	1	0	0	0
6660	2012	Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	707	5	5	1	1	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6661	2012	Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	707	5	2	1	2	2	0
6662	2012	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s}=7\text{TeV}$ in dilepton final states with ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	707	5	2	0	1	2	1
6663	2012	Non-enzymatic electrochemical detection of glycerol on boron-doped diamond electrode	32654	Analyst	137	3	1	0	1	2	3
6664	2012	An optimal iteration method for strongly nonlinear oscillators	1110757X	Journal of Applied Mathematics	2012		3	3	1	0	2
6665	2012	Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	707	5	0	1	1	1	0
6666	2012	The tangential micro-heat sink with multiple fluid inlets	7351933	International Communications in Heat and Mass Transfer	39	2	3	6	1	2	3
6667	2012	Deposition of titanium nitride and hydroxyapatite-based biocompatible composite by reactive plasma spraying	1694332	Applied Surface Science	258	8	4	1	8	3	3
6668	2012	Measurement of the pseudorapidity and transverse momentum dependence of the elliptic flow of charged particles in lead-lead collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	707	03-Apr	16	16	9	16	13
6669	2012	Separate compilation of hierarchical real-time programs into linear-bounded Embedded Machine code	1676423	Science of Computer Programming	77	2	0	0	0	0	0
6670	2012	Stress singularity of symmetric free-edge joints with elasto-plastic behaviour	9270256	Computational Materials Science	52	1	5	3	2	1	1
6671	2012	Behaviour of semi-crystalline thermoplastic polymers: Experimental studies and simulations	9270256	Computational Materials Science	52	1	1	2	1	3	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6672	2012	Modelling and experimental study of parallel cracks propagation in an orthotropic elastic material	9270256	Computational Materials Science	52	1	4	1	3	1	3
6673	2012	Prediction of available rotation capacity and ductility of wide-flange beams: Part 1: DUCTROT-M computer program	0143974X	Journal of Constructional Steel Research	69	1	2	1	2	2	5
6674	2012	Search for new phenomena in tt̄, events with large missing transverse momentum in proton-proton collisions at √s=7TeV with the ATLAS detector	319007	Physical Review Letters	108	4	0	0	0	0	1
6675	2012	Measurement of the ZZ production cross section and limits on anomalous neutral triple gauge couplings in proton-proton collisions at √s=7TeV with the ATLAS detector	319007	Physical Review Letters	108	4	0	1	2	0	0
6676	2012	Experimental design approach to optimize selective laser melting of martensitic 17-4 PH powder: Part i - Single laser tracks and first layer	13552546	Rapid Prototyping Journal	18	1	8	9	6	9	3
6677	2012	Measurement of the transverse momentum distribution of W bosons in pp collisions at √s=7TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	1	2	4	4	3	0
6678	2012	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in √s=7TeV pp collisions using 1fb ⁻¹ of ATLAS data	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	1	1	1	1	1	1
6679	2012	Endurance evaluation of the deposited layers on the coal Hammers mills	15822214	Metalurgia International	17	1	0	0	0	0	1
6680	2012	Search for a heavy Standard Model Higgs boson in the channel H→ZZ→ℓℓ, “+ℓ”, “-qq̄”, using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	707	1	1	0	1	0	0
6681	2012	Measurement of the isolated diphoton cross section in pp collisions at √s=7TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	1	1	4	3	1	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6682	2012	Ks0 and $\bar{\chi}$ production in pp interactions at $\sqrt{s}=0.9$ and 7 TeV measured with the ATLAS detector at the LHC	15507998	Physical Review D Particles Fields Gravitation and Cosmology	85	1	3	0	2	2	3
6683	2012	Measurement of the $W\bar{\nu}_\ell\ell$ cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS experiment	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	706	04-May	1	0	0	1	0
6684	2012	Measurement of the cross-section for b-jets produced in association with a Z boson at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	706	04-May	0	1	1	2	0
6685	2012	Pedestrian navigation system for indoor and outdoor environments	18675662	Advances in Intelligent and Soft Computing	98		0	0	0	0	0
6686	2012	On fracture toughness of polyurethane foams		19th European Conference on Fracture Mechanics for Durability Reliability and Safety Ecf 2012			0	0	1	0	0
6687	2012	Active bearing for vibration damping of roller systems with piezoelectric actuators	22110984	Mechanisms and Machine Science	3		0	0	0	0	0
6688	2012	Numerical method for determination of base circle radius of cam mechanisms with oscillating flat-face follower	22110984	Mechanisms and Machine Science	8		0	0	0	0	0
6689	2012	Research on multi-directional pose accuracy variation to a welding robot	22110984	Mechanisms and Machine Science	8		0	0	0	0	0
6690	2012	Kinetostatic analysis of an articulated walking mechanism	22110984	Mechanisms and Machine Science	3		0	0	0	0	0
6691	2012	Hyers-ulam-rassias stability of orthogonal additive mappings	19316828	Springer Optimization and Its Applications	68		0	0	0	0	0
6692	2012	A general fixed point method for the stability of Cauchy functional equation	19316828	Springer Optimization and Its Applications	52		1	0	1	0	0
6693	2012	Ulam stability problem for frames	19316828	Springer Optimization and Its Applications	52		0	0	0	0	0
6694	2012	Measurement of the top quark mass with the template method in the $t\bar{t} \rightarrow \ell^+ \nu_\ell + \text{jets}$ channel using ATLAS data	14346044	European Physical Journal C	72	6	1	0	1	0	0
6695	2012	RC structures a solution for sustainable development		Global Thinking in Structural Engineering Recent Achievements			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6696	2012	Considerations on the effects of carbon content on the cavitation erosion resistance of stainless steels with controled content of chromium and carbon		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			0	0	0	0	0		
6697	2012	CMT joining of aluminium and magnesium alloys in a statistical experiment		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			1	0	0	0	0		
6698	2012	Optimizing abrasive waterjet cutting for special materials. Case study: Cutting austenitic stainless steels		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			0	0	0	0	0		
6699	2012	Cavitation erosion behavior of heat treated Ti-6Al-4V alloy		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			0	0	0	0	1		
6700	2012	Melted zone morphology by laser welding of Ti-6Al-4V with X5CrNi18-10		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			0	0	0	0	0		
6701	2012	HVOF spraying technique of titanium on steels surfaces components		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			0	0	0	0	0		
6702	2012	Horn failure analysis from titanium alloy used in ultrasonic cavitational process		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			0	0	0	0	0		
6703	2012	New solders from Sn-Ni-P family in ribbon form for electronic components soldering		Metal 2012 Conference Proceedings 21st International Conference on Metallurgy and Materials			1	0	0	0	0		
6704	2012	Automated testing system for a CAN communication circuit	15827445	Advances in Electrical and Computer Engineering	12	2	0	0	0	0	0		
6705	2012	Case study using different types of photovoltaic cells		Nanocon 2012 Conference Proceedings 4th International Conference			0	0	0	0	0		
6706	2012	The increasing of weld strength by parameters optimization of ultrasonic welding for composite material based on aluminium using design of experiments		Nanocon 2012 Conference Proceedings 4th International Conference			0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6707	2012	Influence of occupational stress in jobs in the field of nanomaterials		Nanocon 2012 Conference Proceedings 4th International Conference			0	0	0	0	1	
6708	2012	4.11 - Biological and Microbial Fuel Cells		Comprehensive Renewable Energy			7	4	5	4	1	
6709	2012	The influence of the theoretical fibers arrangement model on the mechanical properties of the vegetal fiber reinforced composites		Eccm 2012 Composites at Venice Proceedings of the 15th European Conference on Composite Materials			0	0	0	1	0	
6710	2012	Numerical analysis and model calibration for perforated pallet rack uprights	17593433	Civil Comp Proceedings	99		0	0	0	0	0	
6711	2012	The overall process taken by enterprises to manage the IaaS cloud services		6th European Conference on Information Management and Evaluation Ecime 2012			0	1	0	0	0	
6712	2012	The use of virtual public space and ecommunities to kick- start eparticipation - Timisoara, Romania		6th European Conference on Information Management and Evaluation Ecime 2012			0	0	0	1	0	
6713	2012	Contributions on mig/mag welding of bimetallic endless saw blades		Nanocon 2012 Conference Proceedings 4th International Conference			0	0	0	0	0	
6714	2012	Smart commanding of a robotic arm with mouse and a hexapod with microcontroller	18033814	Mendel			0	0	0	0	0	
6715	2012	Broadcast authentication in a low speed Controller Area Network	18650929	Communications in Computer and Information Science	314		1	0	0	0	0	
6716	2012	Working fluid properties variation during combustion in premixed charge hydrogen engines	1487191	SAE Technical Papers	9		0	0	0	0	0	
6717	2012	Controller design methods for driving systems based on extensions of symmetrical optimum method with DC and BLDC motor applications	14746670	IFAC Proceedings Volumes IFAC Papersonline	2	PART 1	2	1	2	1	2	
6718	2012	Hardware co-simulation of the BPSK and QPSK systems on FPGA	14746670	IFAC Proceedings Volumes IFAC Papersonline	11	PART 1	2	0	0	0	0	
6719	2012	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7\text{TeV}$ with ATLAS	11266708	Journal of High Energy Physics	2012	11	1	1	2	1	0	

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							2020	2021	2022	2023	2024
6720	2012	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s}=7$ TeV with the ATLAS detector	11266708	Journal of High Energy Physics	2012	12	0	0	1	0	1
6721	2012	Time-dependent angular analysis of the decay $B^0 \rightarrow J/\psi \ell^+ \ell^-$ and extraction of $\arg(\tilde{\kappa}_b)$ and the CP-violating weak phase $\arg(\tilde{\kappa}_b)$ by ATLAS	11266708	Journal of High Energy Physics	2012	12	3	2	0	0	0
6722	2012	Unfeasability of one cycle control when applied to ZETA converters	19746059	International Review of Automatic Control	5	2	0	0	0	0	0
6723	2012	Studies to limit bioaccumulation of heavy metals in biomass grown on lignite fly ash deposits	347752	Revista De Chimie	63	12	0	1	0	0	0
6724	2012	Evaluation model of atmospheric natural radioactivity considering meteorological variables	347752	Revista De Chimie	63	12	2	0	0	0	1
6725	2012	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s}=7$ TeV	14346044	European Physical Journal C	72	12	0	1	1	1	0
6726	2012	Flexible solution for interoperable cloud healthcare systems	9269630	Studies in Health Technology and Informatics	180		0	0	0	0	0
6727	2012	Virtual medical record implementation for enhancing clinical decision support	9269630	Studies in Health Technology and Informatics	180		0	0	0	0	0
6728	2012	Knowledge representation for fuzzy inference aided medical image interpretation	9269630	Studies in Health Technology and Informatics	180		0	0	0	0	0
6729	2012	Cobalt-doped gahnite synthesized by hydrothermal method	18426573	Optoelectronics and Advanced Materials Rapid Communications	6	09-Oct	0	0	1	0	0
6730	2012	Researches on the chemical indicators of discharged water, treated by mechano-biological methods	347752	Revista De Chimie	63	11	0	0	0	1	0
6731	2012	Characterization and luminescence properties of $\text{ZnAl}_2\text{O}_4:\text{Tb}^{3+}$ (2.5%) phosphor	14544164	Journal of Optoelectronics and Advanced Materials	14	09-Oct	0	0	0	1	1
6732	2012	A rikitake type system with quadratic control	2181274	International Journal of Bifurcation and Chaos	22	11	0	2	2	2	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6733	2012	Nondestructive evaluation of polyurethane materials using transient thermography	10139826	Key Engineering Materials	525-526		0	0	1	0	0
6734	2012	Fuzzy control solution for telesurgical applications	16833511	Applied and Computational Mathematics	11	3	0	0	0	4	12
6735	2012	Numerical analysis of femoral neck angle influence on stress distribution of cemented austin moore hip prosthesis	10139826	Key Engineering Materials	525-526		0	0	0	0	0
6736	2012	Catalytic photodegradation and mineralization of cationic dye methylene blue from aqueous solution onto copper doped zeolite	347752	Revista De Chimie	63	10	1	0	0	0	0
6737	2012	Water disinfection and the implementation of modern technologies at potable water treatment station	347752	Revista De Chimie	63	10	0	0	0	0	0
6738	2012	Removal of phenol, 2,3-dimethylphenol, 2,6-dimethylphenol and 2,4,6-trimethylphenol from aqueous solutions by polymeric sorbents having olefin groups	347752	Revista De Chimie	63	10	0	0	1	0	0
6739	2012	The influence of environmental factors on sedimentation dynamics of heavy metals in surface waters	347752	Revista De Chimie	63	10	1	0	0	0	0
6740	2012	Magneto-dielectric properties of transformer oil based magnetic fluids in the frequency range up to 2 MHz	0024998X	Magnetohydrodynamics	48	2	2	1	1	2	2
6741	2012	Exergy analysis of the air solar collector based on experimental data	15829596	Environmental Engineering and Management Journal	11	8	0	0	0	0	0
6742	2012	Adsorption of RY 125 dye from aqueous solution on a silver doped TiO2 modified clinoptilolite	15829596	Environmental Engineering and Management Journal	11	8	0	0	0	0	1
6743	2012	Noise power estimation by the three-parameter and four-parameter sine-fit algorithms	189456	IEEE Transactions on Instrumentation and Measurement	61	12	1	3	1	1	2

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6744	2012	Glycerol and bioglycerol conversion in supercritical water for hydrogen production	9593330	Environmental Technology United Kingdom	33	19	2	2	1	2	0	
6745	2012	A mirror tracking mechanism	22110984	Mechanisms and Machine Science	3		0	0	0	0	0	
6746	2012	Remote so2 Monitoring with UV cameras for stack eimssions	347752	Revista De Chimie	63	9	0	0	0	0	1	
6747	2012	Surface characterization of some cocrmo alloys used in rpd technology	347752	Revista De Chimie	63	9	0	0	0	0	0	
6748	2012	Photocatalytic performance of Ag-modified natural zeolite catalyst for photocatalysis degradation of Methylene Blue (MB) under VIS irradiation	17433541	Wit Transactions on Ecology and the Environment	164		1	0	0	1	1	
6749	2012	The degradation of reactive red dye from wastewaters by advanced electrochemical oxidation	17433541	Wit Transactions on Ecology and the Environment	164		0	0	0	1	2	
6750	2012	Amperometric detection of dopamine and ascorbic acid with zeolite-graphite composite microelectrodes	17433541	Wit Transactions on Ecology and the Environment	164		0	0	0	0	0	
6751	2012	The design of the experiments of arsenic removal from aqueous solutions onto Fe-XAD8-DEHPA	17433541	Wit Transactions on Ecology and the Environment	164		0	0	0	0	0	
6752	2012	Sliding wear behavior of different HVOF sprayed cermet coatings	18426573	Optoelectronics and Advanced Materials Rapid Communications	6	07-Aug	0	1	0	0	0	
6753	2012	Design and validation of a tem cell used for radiofrequency dosimetric studies	10704698	Progress in Electromagnetics Research	132		2	0	2	1	0	
6754	2012	Use of alkaline lyophilization process for lignocellulosic biomass pretreatment	18423582	Digest Journal of Nanomaterials and Biostructures	7	4	0	0	0	0	2	
6755	2012	Assessing the social value of personality information	15833410	Revista De Cercetare Si Interventie Sociala	38		0	0	0	0	0	
6756	2012	Experimental approach of co-firing and anaerobic fermentation of biomass and coal, and their thermochemical properties	13886150	Journal of Thermal Analysis and Calorimetry	110	1	0	1	1	1	1	
6757	2012	The thermal behavior of some polymeric precursors used in CaAl 12 O 19 synthesis	13886150	Journal of Thermal Analysis and Calorimetry	110	1	0	1	1	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6758	2012	Synthesis of nanosized zinc and magnesium chromites starting from PVA-metal nitrate solutions	13886150	Journal of Thermal Analysis and Calorimetry	110	1	2	1	0	1	0
6759	2012	A search for $t\bar{t}l$, resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7\text{TeV}$ with the ATLAS detector	11266708	Journal of High Energy Physics	2012	9	1	0	2	0	0
6760	2012	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \bar{\tau}^-$ decay mode in $\sqrt{s} = 7\text{TeV}$ pp collisions with ATLAS	11266708	Journal of High Energy Physics	2012	9	0	0	0	1	0
6761	2012	Flat control of tumor growth with angiogenic inhibition		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	0	1	0	2
6762	2012	Improving the interoperability of healthcare information systems through HL7 CDA and CCD standards		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	2	0
6763	2012	Piloting a multi-regional master programme in eActivities		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
6764	2012	Embedding gravitational search algorithms in convolutional neural networks for OCR applications		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			3	2	0	0	2
6765	2012	Pragmatic control strategy design method for a small windgenerator		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
6766	2012	Context-aware unified communication		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
6767	2012	Using the gram-charlier expansion in power systems reliability		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	2	0	0	0
6768	2012	Integrated methodology for a future expert system used in low back pain management		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	1	0	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6769	2012	HMail: A hybrid mailing system based on the collaboration between traditional and Peer-to-Peer mailing architectures		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0	
6770	2012	Modeling and optimized control of photovoltaic energy conversion systems		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
6771	2012	Parameters control of a spark ignition engine through programmable ECU for specific regimes		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
6772	2012	Ergonomic analysis on driving an Automatic Gearbox equipped vehicle		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0	
6773	2012	Testing DTF method for applicability in a real environment		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
6774	2012	Simulation model developed for a small-scale PV system in distribution networks		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	1	0	0	0	
6775	2012	A model of the control function in the case of constant effort of the cardiovascular system		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
6776	2012	Network simulation for MAC spoofing detection, using DTF method		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
6777	2012	Dynamic textures indexing using the co-occurrence matrix features		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	0	0	0	1	
6778	2012	Hybrid fuzzy controllers for non-minimum phase systems		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
6779	2012	Simplified selective fault tolerance technique for protection of selected inputs via triple modular redundancy systems		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6780	2012	Faceless componentization versus componentization with assistance class in web dynpro ABAP		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
6781	2012	A survey of management interfaces for eucalyptus cloud		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
6782	2012	UML profile for cyber-physical system wireless communication specification		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
6783	2012	High capacity steganographic algorithm based on payload adaptation and optimization		Saci 2012 7th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0		
6784	2012	Image sequence measures for automatic target tracking	10704698	Progress in Electromagnetics Research	130		1	0	1	2	0		
6785	2012	Simple equations for the calculation of the temperature within the cross-section of slim floor beams under ISO Fire	12299367	Steel and Composite Structures	13	2	3	3	2	0	0		
6786	2012	Make-up water treatment within the water circuit of the thermal power plants	347752	Revista De Chimie	63	8	0	0	0	1	0		
6787	2012	Critical analysis of the main advanced post-combustion CO 2capture technologies applied in industrial power plants running on fossil fuels	347752	Revista De Chimie	63	8	0	0	0	0	0		
6788	2012	Research regarding aerosol properties of the grimsv��n ash by applying sun photometry	347752	Revista De Chimie	63	8	0	0	0	0	0		
6789	2012	Charged System Search algorithms for optimal tuning of PI controllers	14746670	IFAC Proceedings Volumes IFAC Papersonline	45	4	1	0	0	2	0		
6790	2012	Simulation and control for telerobots in space medicine	945765	Acta Astronautica	81	1	6	6	4	1	2		
6791	2012	CO2 capture from flue gas with monoethanolamine	347752	Revista De Chimie	63	7	0	0	1	0	0		
6792	2012	Sewage sludge to energy possible strategies for timisoara water treatment plant	347752	Revista De Chimie	63	7	3	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6793	2012	Modeling road traffic using service center	15827445	Advances in Electrical and Computer Engineering	12	2	0	1	0	0	1
6794	2012	Computer simulations of in vitro morphogenesis	3032647	Biosystems	109	3	0	4	3	1	1
6795	2012	Stability of tetracycline residues in honey	3525139	Journal of the Serbian Chemical Society	77	7	8	0	1	1	1
6796	2012	Cloud computing technology applied in healthcare for developing large scale flexible solutions	9269630	Studies in Health Technology and Informatics	174		0	2	0	0	1
6797	2012	Doped zinc aluminate spinel synthesized by hydrothermal method	18423582	Digest Journal of Nanomaterials and Biostructures	7	3	1	0	1	0	0
6798	2012	Copper-decorated carbon nanotubes-based composite electrodes for nonenzymatic detection of glucose	19317573	Nanoscale Research Letters	7		0	2	0	1	0
6799	2012	Silver-functionalized carbon nanofiber composite electrodes for ibuprofen detection	19317573	Nanoscale Research Letters	7		2	6	8	3	1
6800	2012	Uncertain and stochastic financial models with multiple delays	2181274	International Journal of Bifurcation and Chaos	22	6	2	2	1	2	1
6801	2012	New series of asymmetrical carbonates used in peptide synthesis	18426573	Optoelectronics and Advanced Materials Rapid Communications	6	05-Jun	0	0	0	0	0
6802	2012	Hydrothermal synthesis of ZnAl ₂ O ₄ :Cr ³⁺ nanocrystals	18426573	Optoelectronics and Advanced Materials Rapid Communications	6	05-Jun	2	0	4	2	2
6803	2012	Biogas production through anaerobic digestion of some agro-industrial residues	347752	Revista De Chimie	63	6	1	0	0	0	0
6804	2012	Numerical model for cavitation flow in hydraulic poppet valves	16875591	Modelling and Simulation in Engineering	2012		4	0	3	0	2
6805	2012	Selective oxidative decarboxylation of amino acids to produce industrially relevant nitriles by vanadium chloroperoxidase	18645631	Chemsuschem	5	7	5	6	3	4	2
6806	2012	Assessment of the water framework directive implementation in romania: Case study of bega catchment	15829596	Environmental Engineering and Management Journal	11	5	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6807	2012	Synthesis and characterization CuFe2O4 nanoparticles prepared by the hydrothermal ultrasonic assisted method	14544164	Journal of Optoelectronics and Advanced Materials	14	03-Apr	1	1	3	1	0		
6808	2012	A study of the material in the ATLAS inner detector using secondary hadronic interactions	17480221	Journal of Instrumentation	7	1	1	1	0	0	0		
6809	2012	Behaviour of alkaline-earth metal nitrate - fuel binary mixtures in solution combustion synthesis	15829596	Environmental Engineering and Management Journal	11	3	0	0	0	0	0		
6810	2012	Carbon nanotubes composite for environmentally friendly sensing	15829596	Environmental Engineering and Management Journal	11	2	3	0	2	0	1		
6811	2012	Silver doped natural and synthetic zeolites for removal of humic acid from water	15829596	Environmental Engineering and Management Journal	11	3	0	0	0	1	0		
6812	2012	Electrochemical degradation of pharmaceutical effluents on carbon-based electrodes	15829596	Environmental Engineering and Management Journal	11	3	2	1	1	3	0		
6813	2012	Statistical optimization of chromium ions adsorption on DEHPA-impregnated amberlite XAD7	15829596	Environmental Engineering and Management Journal	11	3	2	1	0	0	1		
6814	2012	Microwave-assisted hydrothermal synthesis of composite materials based on zeolite-TiO2 nanocrystals	15829596	Environmental Engineering and Management Journal	11	3	0	0	0	0	0		
6815	2012	New aspects of phoneme synthesis based on chaotic modeling	18675662	Advances in Intelligent and Soft Computing	127 AISC		0	0	0	0	0		
6816	2012	Magnetodielectric properties of transformer oil based magnetic fluids	5874246	Acta Physica Polonica A	121	05-Jun	1	3	0	0	0		
6817	2012	Performance and fuel conversion efficiency of a spark ignition engine fueled with iso-butanol	3062619	Applied Energy	96		9	7	5	3	2		
6818	2012	Mathematical models describing the emission and distribution of heavy metals in surface waters	347752	Revista De Chimie	63	4	1	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6819	2012	New metallic nanoparticles modified adhesive used for time domain optical coherence tomography evaluation of class II direct composite restoration	347752	Revista De Chimie	63	4	1	1	0	0	0	
6820	2012	Topography imaging of material surfaces using atomic force microscope	10120394	Solid State Phenomena	188		0	0	0	0	0	
6821	2012	Physical properties of magnetorheological fluid dampers	10120394	Solid State Phenomena	188		0	0	0	0	0	
6822	2012	Scanning strategies for aluminum and plastic parts	10120394	Solid State Phenomena	188		0	1	0	1	0	
6823	2012	Simulation of thermal field in Fe73Cr2Ga 4P13Si5C3 bulk metallic glasses	10120394	Solid State Phenomena	188		0	0	0	0	0	
6824	2012	Thermo-mechanical modelling of jointing process by friction stir welding of aluminium-based composite materials	10120394	Solid State Phenomena	188		0	0	0	0	1	
6825	2012	Computerized image processing for evaluation of microstructure in metallic matrix composites	10120394	Solid State Phenomena	188		0	0	1	0	0	
6826	2012	Size effect on fracture toughness of rigid polyurethane foams	10120394	Solid State Phenomena	188		3	0	1	4	2	
6827	2012	Comparative study of the biomechanics of materials used in stenting	10120394	Solid State Phenomena	188		0	0	0	0	0	
6828	2012	Heat treatments influence on corrosion resistance of some new dental cobalt alloys	10120394	Solid State Phenomena	188		0	0	1	0	0	
6829	2012	Thermal stability of Ni40Ti40Nb20 and Ni32Ti48Nb20 tapes obtained by rapid solidification technique	10120394	Solid State Phenomena	188		0	0	0	0	0	
6830	2012	Durability study of a machine shaft based on the material behavior of 41Cr4 steel subjected to rotating bending	10120394	Solid State Phenomena	188		0	0	0	0	0	
6831	2012	Influence of the energy density on the porosity of Polyamide parts in SLS process	10120394	Solid State Phenomena	188		1	2	1	1	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6832	2012	Viscoelastic properties of semi-crystalline thermoplastic polymers: Dynamic analysis and creep	10120394	Solid State Phenomena	188		0	0	0	0	0
6833	2012	Wear resistance of internal WC-CoCr coatings produced by high velocity oxy-fuel spraying	10120394	Solid State Phenomena	188		0	1	1	0	0
6834	2012	Considerations on outliers in medical sciences and materials characterization	10120394	Solid State Phenomena	188		0	0	0	0	0
6835	2012	Evaluation of the pharmacological descriptors related to the induction of antidepressant activity and its prediction by QSAR/QRAR methods	13895575	Mini Reviews in Medicinal Chemistry	12	6	1	1	2	2	1
6836	2012	Studies concerning the stabilization by phytoremediation of soils degraded by mining activities	347752	Revista De Chimie	63	3	0	0	0	0	0
6837	2012	Sn/SiO2 single crystals growth by the hydrothermal method at high temperatures and pressures	318949	Physica Scripta		T149	0	0	0	0	0
6838	2012	Adsorption characteristics of some polymeric materials with Olefin groups used for removal of phenol and p-nitrophenol from aqueous solutions	347752	Revista De Chimie	63	1	0	0	1	0	0
6839	2012	Kinetic and thermodynamic studies regarding Cu(II) ions removal from aqueous solution by poly(styrene-divinylbenzene)-supported aminophosphonic acids	347752	Revista De Chimie	63	1	0	2	0	0	1
6840	2012	Synthesis, spectroscopic and self-assembling characterization of novel photoactive mixed aryl-substituted porphyrin	13852728	Current Organic Chemistry	16	7	4	1	3	2	2
6841	2012	Multilingual illustrated Åµ-thesaurus in mechanisms science	22110984	Mechanisms and Machine Science	3		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6842	2012	The AVANTSSAR platform for the automated validation of trust and security of service-oriented architectures	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	7214	LNCS	11	0	3	4	3
6843	2012	Inhibition effect of some aromatic amines on copper electrodeposition from acidic baths	0021891X	Journal of Applied Electrochemistry	42	4	0	0	1	0	0
6844	2012	A general fixed point method for the stability of the monomial functional equation	15842851	Carpathian Journal of Mathematics	28	1	1	0	1	0	0
6845	2012	A new photo-fenton procedure applied in oxidative degradation of organic compounds from wastewater	15829596	Environmental Engineering and Management Journal	11	1	0	0	1	0	0
6846	2012	Photocatalytic activity of a silver doped TIO2 modified zeolite in the degradation of reactive yellow 125 azo dye	15829596	Environmental Engineering and Management Journal	11	1	0	0	0	0	0
6847	2012	Silica matrices for embedding of magnetic nanoparticles	9280707	Journal of Sol Gel Science and Technology	62	1	1	1	0	0	0
6848	2012	Mechanical properties of some dental resins in wet and dry conditions	255289	Materiale Plastice	49	1	0	1	0	0	0
6849	2012	Structural and mechanical characterization of stainless steel joints realized by CMT process	10139826	Key Engineering Materials	498		0	0	0	0	0
6850	2012	Cavitation erosion behaviour of stainless steels with constant nickel and variable chromium content	255300	Materialpruefung Materials Testing	54	1	0	1	1	0	0
6851	2012	More effective antimicrobial mastoparan derivatives, generated by 3D-QSAR-Almond and computational mutagenesis	1742206X	Molecular Biosystems	8	2	3	0	1	1	1
6852	2012	Accuracy of the normalized frequency estimation of a discrete-time sine-wave by the energy-based method	189456	IEEE Transactions on Instrumentation and Measurement	61	1	4	1	0	2	0
6853	2012	Ab initio study regarding the evaluation of the antioxidant character of cyanidin, delphinidin and malvidin	18951066	Central European Journal of Chemistry	10	1	3	3	3	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6854	2012	WebService-based solution for an intelligent telecare system	1860949X	Studies in Computational Intelligence	378		0	0	0	0	0
6855	2012	Statistical description of the sine-wave frequency estimator provided by the interpolated DFT method	2632241	Measurement Journal of the International Measurement Confederation	45	1	2	3	0	0	1
6856	2012	Frames for operators	10635203	Applied and Computational Harmonic Analysis	32	1	37	32	23	25	24
6857	2012	Numerical stress intensity factors determination for fabrication defects in coronary stents	10139826	Key Engineering Materials	488-489		0	0	0	0	0
6858	2012	Prediction of available rotation capacity and ductility of wide-flange beams: Part 2: Applications	0143974X	Journal of Constructional Steel Research	68	1	2	1	1	3	5
6859	2012	Knowledge Base Development in Virtual Enterprise Network as Support for Workplace Risk Assessment		Enhancing the Modern Organization Through Information Technology Professionals Research Studies and Techniques			0	0	0	0	0
6860	2011	Search for dilepton resonances in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	319007	Physical Review Letters	107	27	2	0	0	0	0
6861	2011	Transient behavior of the full-cycle DFT Phasor Estimator		2011 IEEE International Workshop on Applied Measurements for Power Systems Amps 2011 Proceedings			0	1	0	0	0
6862	2011	MoviTest: A Test Environment dedicated to multi-core embedded architectures		2011 International Symposium on System on Chip Soc 2011			0	0	0	0	0
6863	2011	Hardware implementation of BLDC motor diagnosis		Recent Researches in Circuits Systems and Signal Processing Proc of the 15th Wseas Int Conf on Circuits Part of the 15th Wseas Cscs Multiconference Proc of the 5th Int Conf on Cscs 11			0	0	0	0	0
6864	2011	Study of soil erosion and sediment transport in small watersheds		Recent Researches in Environment Energy Planning and Pollution Proc of the 5th Wseas Int Conf on Renewable Energy Sources Res 11 Epese 11 Wwai 11			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6865	2011	Execution framework model for power-aware applications		17th International Workshop on Thermal Investigations of Ics and Systems Therminic 2011			0	1	0	0	0		
6866	2011	Power consumption and temperature measurement of virtualization solutions		17th International Workshop on Thermal Investigations of Ics and Systems Therminic 2011			0	0	0	0	0		
6867	2011	Alternative control solutions for vehicles with continuously variable transmission. A case study		15th International Conference on System Theory Control and Computing Ictsc 2011			1	0	0	0	0		
6868	2011	iProblems - An integrated instrument for reporting design flaws, vulnerabilities and defects	10951350	Proceedings Working Conference on Reverse Engineering Wcre			0	1	0	0	0		
6869	2011	Measurement of the Zâ†“i„ï„ cross section with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	84	11	1	0	0	1	0		
6870	2011	Energy consumption model for mobile wireless communication		Mobiwac 11 Proceedings of the 9th ACM International Symposium on Mobility Management and Wireless Access Co Located with Mswim 11			0	0	0	0	0		
6871	2011	LabVIEW implemented Boundary-Scan Tester	21612528	Proceedings of the International Spring Seminar on Electronics Technology			0	0	1	1	0		
6872	2011	Expert system diagnosis of electrical distribution networks. Reference regimes probabilistic approach	21555516	International Conference on Power Engineering Energy and Electrical Drives			0	0	0	0	0		
6873	2011	A cooperation scenario for multiagent systems		IEEE AFRICON Conference			0	0	0	0	0		
6874	2011	SPICE modeling of thermal behavior for passive components	21612528	Proceedings of the International Spring Seminar on Electronics Technology			1	1	0	0	0		
6875	2011	A bio-inspired obstacle avoidance system concept for visually impaired people		Recent Researches in System Science Proceedings of the 15th Wseas International Conference on Systems Part of the 15th Wseas Csc Multiconference			0	0	0	0	0		
6876	2011	Efficient algorithm for extracting essential Head Related Impulse Response data for Acoustic Virtual Reality development		Recent Researches in System Science Proceedings of the 15th Wseas International Conference on Systems Part of the 15th Wseas Csc Multiconference			0	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6877	2011	Sine-fitting by the energy-based method in the dynamic testing of ADCs		Proceedings of the 6th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs 2011	1		0	0	0	0	0		
6878	2011	Methods and model evaluation for probabilistic load flow used in electrical engineering education		International Conference on Engineering Education and International Conference on Education and Educational Technologies Proceedings			0	0	0	0	0		
6879	2011	WSN testing environment with energy consumption monitoring and simulation of sensed data		Proceedings of the 6th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs 2011	2		0	0	0	0	0		
6880	2011	Evaluation of wireless sensor networks localization algorithms		Proceedings of the 6th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs 2011	2		0	0	0	0	0		
6881	2011	Low-cost optimal state feedback fuzzy control of nonlinear second-order servo systems	21591547	IEEE International Conference on Computational Intelligence for Measurement Systems and Applications Proceedings			0	0	0	0	0		
6882	2011	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb-1 of atlas data	14346044	European Physical Journal C	71	12	0	0	1	0	0		
6883	2011	Voice signal's noise reduction using adaptive/reconfigurable filters for the command of an industrial robot		Recent Advances in Signal Processing Computational Geometry and Systems Theory Iscgav 11 Istasc 11			0	0	0	0	0		
6884	2011	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at â^s=7 TeV using 35 pb-1 of ATLAS data	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	706	02-Mar	4	4	2	4	1		
6885	2011	The human body behavior under vehicle vibrations		Recent Researches in Automatic Control 13th Wseas International Conference on Automatic Control Modelling and Simulation Acmos 11			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6886	2011	A genetic algorithm for classification		Recent Researches in Computers and Computing International Conference on Computers and Computing Iccc 11			1	3	1	2	0	
6887	2011	Real-valued genetic algorithms with disagreements	1860949X	Studies in Computational Intelligence	387		0	0	0	0	0	
6888	2011	Study of multiple access schemes in 3GPP LTE OFDMA vs. SC-FDMA	18037232	International Conference on Applied Electronics			1	0	0	0	0	
6889	2011	PAPR reduction of OFDM signals using hybrid clipping-companding scheme with sigmoid functions	18037232	International Conference on Applied Electronics			0	1	1	0	1	
6890	2011	The rheological study of some solutions based on surface-active agents (i)	12247154	Studia Universitatis Babes Bolyai Chemia		2	0	0	0	0	0	
6891	2011	Modeling the toxicity of alcohols. Topological indices versus van der Waals molecular descriptors		Quantum Frontiers of Atoms and Molecules			0	1	0	0	0	
6892	2011	Nanocomposites with controlled properties obtained by the thermal treatment of some tetraethyl orthosilicate-diols-metal nitrates gels		Sol Gel Process Uniformity Polymers and Applications			0	0	0	0	0	
6893	2011	Flood risk for three flood defense works: Dikes, dams and riparian wetlands		11th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2011	2		0	0	0	0	0	
6894	2011	Intermetallic phases in new CoCrMoTi dental alloy		24th European Conference on Biomaterials Annual Conference of the European Society for Biomaterials			0	0	0	0	0	
6895	2011	Evaluation of a dense pure calcite ceramic as bone substitute		24th European Conference on Biomaterials Annual Conference of the European Society for Biomaterials			0	0	0	0	0	
6896	2011	Determination of overvoltages in high voltage networks at single phase faults by numerical simulation and experiments		Proceedings of the IASTED International Conference on Power and Energy Systems Europes 2011			0	0	0	0	0	
6897	2011	Caracterisation of titanium nitride layers deposited by reactive plasma spraying	3543870	Journal for Technology of Plasticity	36	1	0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6898	2011	ADCs dynamic testing by multiharmonic sine fitting algorithms		Imeko Tc4 International Workshop on ADC Modelling Testing and Data Converter Analysis and Design 2011 Iwadc 2011 and IEEE 2011 ADC Forum			0	0	0	0	0		
6899	2011	Pantograph-catenary sistem control using elements of chaos theory		Pacific 2011 International Conference on Pantograph Catenary Interaction Framework for Intelligent Control Conference Proceedings			1	0	0	0	0		
6900	2011	Who are these people, and how do we work together? Creating an environment for global collaboration with information and communication technologies		Proceedings of the Iadis International Conference E Learning 2011 Part of the Iadis Multi Conference on Computer Science and Information Systems 2011 Mccsis 2011	1		0	0	0	0	0		
6901	2011	Hybrid analytical-simulation model used to evaluate and improve system performance		Proceedings 2011 10th International Symposium on Parallel and Distributed Computing Ispdc 2011			0	0	0	0	0		
6902	2011	Structural properties of Ni 2+ vinylphosphonate using PM3 semi-empirical analysis	353930	Revue Roumaine De Chimie	56	12	0	0	0	0	0		
6903	2011	Equilibrium and kinetic studies of the adsorption of Cr(III) ions onto amberlite XAD-8 impregnated with di-(2-ethylhexyl) phosphoric acid (DEHPA)	2636174	Adsorption Science and Technology	29	10	3	2	0	1	1		
6904	2011	Contributions on harmonic impedance monitoring in smart grids using virtual instruments		IEEE Pes Innovative Smart Grid Technologies Conference Europe			0	0	1	0	0		
6905	2011	Problems regarding the implementation of ecological education concept in the peoples area	13115065	Journal of Environmental Protection and Ecology	12	4:00 AM	0	0	0	0	0		
6906	2011	Experimental data processing in a solar heating system	13115065	Journal of Environmental Protection and Ecology	12	4:00 AM	0	0	0	0	0		
6907	2011	Water resource quality modelling in the hydrographic basin of the bega river	13115065	Journal of Environmental Protection and Ecology	12	4:00 AM	1	0	0	0	0		
6908	2011	Fuzzy controller for adjustment of liquid level in the tank	12236934	Annals of the University of Craiova Mathematics and Computer Science Series	38	4	1	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6909	2011	Deploying moodle capabilities to showcase interactive content and language learning in the engineering students' foreign language training	18770428	Procedia Social and Behavioral Sciences	15		0	0	0	0	1
6910	2011	New perspectives on roles of the mentor-teacher for pedagogical practice	18770428	Procedia Social and Behavioral Sciences	15		2	0	0	1	0
6911	2011	Solar energy based industrial applications at the "Politehnica" University of Timisoara	3549836	Thermal Science	15	3	0	0	0	1	0
6912	2011	An evaluation of effectiveness of fuzzy logic model in predicting the business bankruptcy	15826163	Romanian Journal of Economic Forecasting	14	3	1	3	1	0	2
6913	2011	Variation of posturographic parameters during lumbar spine movements		2011 E Health and Bioengineering Conference Ehb 2011			0	0	0	0	0
6914	2011	Influence of treadmill velocity on spatio-temporal parameters of human gait		2011 E Health and Bioengineering Conference Ehb 2011			1	1	0	0	0
6915	2011	Influence of treadmill velocity on joint angles of lower limbs during human gait		2011 E Health and Bioengineering Conference Ehb 2011			1	0	0	0	1
6916	2011	Determination of Young's modulus using AFM nanoindentation. Applications on bone structures		2011 E Health and Bioengineering Conference Ehb 2011			1	1	0	0	0
6917	2011	Influence of magnesium doping on synthesized hydroxyapatite using the wet precipitation method		2011 E Health and Bioengineering Conference Ehb 2011			0	0	0	0	0
6918	2011	Mechanical vibration signal compression by LOT-based subband coding		IEEE International Symposium on Signal Processing and Information Technology Ispit 2011			0	0	0	0	0
6919	2011	A solution for tracking a fleet of vehicles		2011 19th Telecommunications Forum Telfor 2011 Proceedings of Papers			1	1	0	0	1
6920	2011	Embedded weather station with remote wireless control		2011 19th Telecommunications Forum Telfor 2011 Proceedings of Papers			0	0	2	1	1
6921	2011	A case for online real-time barcode readers		2011 19th Telecommunications Forum Telfor 2011 Proceedings of Papers			0	0	0	0	0
6922	2011	Aventurine decorative glazes - kinetic study of $\pm$ -Fe2O3 crystallization	15833186	Revista Romana De Materiale Romanian Journal of Materials	41	4	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
6923	2011	Studies on obtaining of drinking water quality in a drinking water treatment plant	20666845	Carpathian Journal of Food Science and Technology	3	1	0	0	0	0	0
6924	2011	Silver-functionalized multi-wall carbon nanotubes composite electrode for non-enzymatic detection of glycerol		Proceedings of IEEE Sensors			1	0	1	0	0
6925	2011	Carbon dioxide emissions reduction potential of cogeneration plants fuelled with biogas	13115065	Journal of Environmental Protection and Ecology	12	3:00 AM	0	0	0	0	0
6926	2011	Ecological wastewater cleaning of swine farms using solar energy	13115065	Journal of Environmental Protection and Ecology	12	3:00 AM	0	0	0	0	0
6927	2011	Performance and emissions of a port injection spark ignition engine fuelled with gasoline-isobutanol blends	13115065	Journal of Environmental Protection and Ecology	12	3:00 AM	0	0	0	0	0
6928	2011	Topographic surveys to re-integrate waste-rock into the natural cycle	13115065	Journal of Environmental Protection and Ecology	12	4	0	0	0	0	0
6929	2011	Protection and inclusion of nature reserve areas into the romanian general cadastre	13115065	Journal of Environmental Protection and Ecology	12	4	0	0	0	0	0
6930	2011	Accuracy of a DFT phasor estimator at off-nominal frequency in either steady state or transient conditions		Smfg 2011 IEEE International Conference on Smart Measurements for Grids Proceedings			0	0	0	0	0
6931	2011	Drum-boiler control system employing shrink and swell effect remission in thermal power plants	21570221	International Congress on Ultra Modern Telecommunications and Control Systems and Workshops			1	0	0	0	0
6932	2011	Measurement methods for QoS in VoIP review	21570221	International Congress on Ultra Modern Telecommunications and Control Systems and Workshops			3	1	0	0	2
6933	2011	Execution framework model for power-aware applications	21570221	International Congress on Ultra Modern Telecommunications and Control Systems and Workshops			0	0	0	1	0
6934	2011	An adaptive compression algorithm for ECG signals		12th IEEE International Symposium on Computational Intelligence and Informatics Cinti 2011 Proceedings			1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6935	2011	State feedback fuzzy control solution for BLDC drives		12th IEEE International Symposium on Computational Intelligence and Informatics Cinti 2011 Proceedings			0	0	0	0	0		
6936	2011	Temperature and climate chamber automated control		12th IEEE International Symposium on Computational Intelligence and Informatics Cinti 2011 Proceedings			0	1	0	0	0		
6937	2011	Cheap live color recognition with webcam		2011 23rd International Symposium on Information Communication and Automation Technologies Icat 2011			1	0	1	1	0		
6938	2011	Performance analysis of wireless sensor network node localization algorithm		2011 18th IEEE Symposium on Communications and Vehicular Technology in the Benelux Scvt 2011			0	0	0	0	0		
6939	2011	Interoperability solution between peer-to-peer and client - Server based mailing systems		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			0	0	0	0	0		
6940	2011	Performance comparison of the BPSK and QPSK modulation techniques on FPGA		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			1	0	2	1	5		
6941	2011	Data Matrix Code - A reliable optical identification of microelectronic components		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			0	1	0	0	0		
6942	2011	Modeling of thermal via heat transfer performance for power electronics cooling		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			5	3	3	3	1		
6943	2011	About the negative permittivity of some metamaterial composites - Simulational study		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
6944	2011	Improving performance and area overhead by reducing the switching table for Self Adaptive cache Memories		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			0	0	0	0	0		
6945	2011	HDR based steganographic algorithm		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			1	0	0	0	0		
6946	2011	Distributed Mailing System (DMS)		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			0	0	0	1	0		
6947	2011	Secret data communication system using steganography, AES and RSA		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			3	4	2	5	0		
6948	2011	Evaluation of some node localization algorithms		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			0	0	0	0	0		
6949	2011	Simulation determination of the negative permeability for the metamaterials based on Sr(ZnTi)Fe 100 19 hexaferrite		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			0	1	0	1	0		
6950	2011	Energy efficient routing protocols for Wireless Sensor Networks: A survey		2011 IEEE 17th International Symposium for Design and Technology of Electronics Packages Siitme 2011 Conference Proceedings			2	0	0	2	0		
6951	2011	Some inequalities in pseudo-hilbert spaces	492930	Tamkang Journal of Mathematics	42	4	0	0	0	0	0		
6952	2011	Configuration of gender aggressiveness with teenagers	18770428	Procedia Social and Behavioral Sciences	30		0	0	0	0	0		
6953	2011	Researches on steels destined to actuators specific for textile mechatronics systems	12225347	Industria Textila	62	6	0	0	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6954	2011	An optimal homotopy asymptotic approach applied to nonlinear MHD Jeffery-Hamel flow	1024123X	Mathematical Problems in Engineering	2011		3	3	1	2	2	
6955	2011	A nonlinear state space model of network transmissions in a network control system	14548658	Control Engineering and Applied Informatics	13	4	0	0	0	0	0	
6956	2011	Application of IFT and SPSA to servo system control	10459227	IEEE Transactions on Neural Networks	22	12 PART	0	3	5	6	2	
6957	2011	Smart meters reading through power line communications	20928637	Journal of Next Generation Information Technology	2	3	1	1	1	0	0	
6958	2011	Reseach on the recovery of oil in the iron and steel mill scale	17924693	International Conference on Manufacturing Engineering Quality and Production Systems Meqaps Proceedings			0	0	0	0	0	
6959	2011	Research on desulphurization of steel with calcium aluminate synthetic slag with addition of titanium oxide	17924693	International Conference on Manufacturing Engineering Quality and Production Systems Meqaps Proceedings			0	2	1	0	0	
6960	2011	Removal of chromium from Cr(VI) polluted wastewaters by reduction with scrap iron and subsequent precipitation of resulted cations	3043894	Journal of Hazardous Materials	196		28	23	24	17	12	
6961	2011	Are the clients of flawed classes (also) defect prone?		Proceedings 11th IEEE International Working Conference on Source Code Analysis and Manipulation Scam 2011			1	1	0	1	2	
6962	2011	On the mathematical model of a biomedical process with delay	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6963	2011	A mathematical model of the cervical spine movement	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6964	2011	A method for identifying contours in processing digital images from computer tomograph	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6965	2011	High frequency injection assisted "active flux" based sensorless vector control of reluctance synchronous motors, with experiments from zero speed		IEEE Energy Conversion Congress and Exposition Energy Conversion Innovation for A Clean Energy Future Ecce 2011 Proceedings			0	0	0	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6966	2011	Kato's type inequality for symmetric diffusion operators	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6967	2011	On some spectral properties for locally bounded operators	0094243X	Aip Conference Proceedings	1389		1	1	0	0	0	
6968	2011	Note on the L1-uniqueness of Fokker-Planck equation	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6969	2011	Optimum torque control algorithm for wide speed range and four quadrant operation of stator flux oriented induction machine drive without regenerative unit		IEEE Energy Conversion Congress and Exposition Energy Conversion Innovation for A Clean Energy Future Ecce 2011 Proceedings			1	0	1	0	0	
6970	2011	Some properties of elements from M(A) in the context of 3D signal processing	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6971	2011	Inverse kinematic analysis of human hand thumb model	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6972	2011	Some theorems for C0-semigroups on L^{∞}	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6973	2011	A comparative study of heat transfer in metallic materials	0094243X	Aip Conference Proceedings	1389		1	0	0	0	0	
6974	2011	Preface of the "Mathematical Optimization in Modern Medicine" Symposium	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6975	2011	A dynamic process model for optimizing the hospital environment cash-flow	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6976	2011	Using of Bezier interpolation in 3D reconstruction of human femur bone	0094243X	Aip Conference Proceedings	1389		0	0	0	0	0	
6977	2011	Coupled heat transfer and fluid dynamics modeling of insb solidification	0094243X	Aip Conference Proceedings	1387		0	0	0	0	0	
6978	2011	Global solar irradiation modeling and measurements in Timisoara	0094243X	Aip Conference Proceedings	1387		0	1	2	0	0	
6979	2011	Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	705	5	0	1	1	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6980	2011	Measurement of the transverse momentum distribution of $Z/\bar{\nu}^*$ bosons in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	705	5	4	5	2	0	1	
6981	2011	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow 4\ell$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	705	5	0	0	0	0	0	
6982	2011	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ Decay Channel with the ATLAS Detector	319007	Physical Review Letters	107	22	1	0	1	0	0	
6983	2011	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s}=7$ TeV proton-proton collisions	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	705	4	2	0	0	0	1	
6984	2011	Foodball: Emergent resource gathering in collective robotic environments		Rose 2011 IEEE International Symposium on Robotic and Sensors Environments Proceedings			0	0	0	0	0	
6985	2011	Vibration signals compression with time-frequency adaptive quantization		Wisp 2011 IEEE International Symposium on Intelligent Signal Processing Proceedings			1	0	0	1	0	
6986	2011	Wireless sensors solution for energy monitoring, analyzing, controlling and predicting	18678211	Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering	57		1	0	0	0	1	
6987	2011	Approximation of antenna diagram for BTS antennas		2011 34th International Conference on Telecommunications and Signal Processing Tsp 2011 Proceedings			0	0	0	0	0	
6988	2011	ARP and QPP interleaves selection based on the convergence of iterative decoding process for the construction of 16-state Duo Binary Turbo Codes		2011 34th International Conference on Telecommunications and Signal Processing Tsp 2011 Proceedings			0	0	0	0	0	
6989	2011	High-order QAM fast carrier synchronization by an adaptive decision-directed EKF algorithm		2011 34th International Conference on Telecommunications and Signal Processing Tsp 2011 Proceedings			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
6990	2011	Novel low temperature synthesis method for nanocrystalline zinc and magnesium chromites	406031	Thermochimica Acta	526	01-Feb	1	2	1	7	7	
6991	2011	A TEM cell model analysis for radiofrequency dosimetry improvement by computational means		2011 7th International Symposium on Advanced Topics in Electrical Engineering Atee 2011			0	0	0	1	0	
6992	2011	Inulin mixed esters crosslinked with 2-ethyl-hexyl-acrylate and their promotion as bio-based materials	10229760	Journal of Polymer Research	18	6	1	1	0	0	0	
6993	2011	Optical properties of nanostructures	15461955	Journal of Computational and Theoretical Nanoscience	8	11	0	0	0	0	0	
6994	2011	Researches on the influence of the slags formed in the installations on the hydrogen removal efficiency	348570	Revista De Metalurgia Madrid	47	6	0	1	0	0	0	
6995	2011	Design of a hierarchical based DHT overlay P2P routing algorithm		Proceedings 11th IEEE International Conference on Computer and Information Technology CIT 2011			0	0	0	0	0	
6996	2011	Decreasing change impact using smart LSB pixel mapping and data rearrangement		Proceedings 11th IEEE International Conference on Computer and Information Technology CIT 2011			0	0	0	0	0	
6997	2011	Biomedical implications of dental ceramic defects investigated by numerical simulation, radiographic, microcomputer tomography and time domain optical coherence tomography	0277786X	Proceedings of SPIE the International Society for Optical Engineering	8172		0	0	0	1	0	
6998	2011	Photocatalytic activity of undoped and Ag-doped TiO2-supported zeolite for humic acid degradation and mineralization	255408	Materials Research Bulletin	46	11	2	2	2	4	2	
6999	2011	Hexavalent chromium reduction with zero-valent iron (ZVI) in aquatic systems	496979	Water Air and Soil Pollution	222	01-Apr	24	42	29	19	18	
7000	2011	Laser beam interaction with NiMnGa ferromagnetic shape memory alloys	1438166	Optics and Lasers in Engineering	49	11	0	1	1	1	3	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7001	2011	Effects of a coplanar waveguide biasing network built into the ground plane on the dispersion characteristics of a tunable unit cell with an elliptical patch and multiple vias	15361225	IEEE Antennas and Wireless Propagation Letters	10		0	1	3	0	0
7002	2011	QPSK modulator on FPGA		Sisy 2011 9th International Symposium on Intelligent Systems and Informatics Proceedings			0	1	1	2	0
7003	2011	2-DOF control solutions for BLDC-m drives		Sisy 2011 9th International Symposium on Intelligent Systems and Informatics Proceedings			0	0	0	0	0
7004	2011	Improved collision detection system inspired from the neural network of the locust		Sisy 2011 9th International Symposium on Intelligent Systems and Informatics Proceedings			0	0	0	0	0
7005	2011	Experimental and numerical investigation of nonseismic reinforced concrete frames strengthened with concentric steel braces		Eccomas Thematic Conference Compdyn 2011 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering and IACM Special Interest Conference Programme			0	1	0	0	0
7006	2011	Real-time hardware-in-the-loop test platform for thermal power plant control systems		Sisy 2011 9th International Symposium on Intelligent Systems and Informatics Proceedings			0	0	3	2	1
7007	2011	Implementation of a QPSK system on FPGA		Sisy 2011 9th International Symposium on Intelligent Systems and Informatics Proceedings			0	1	0	0	0
7008	2011	SCADA element solutions using Ethernet and mobile phone network		Sisy 2011 9th International Symposium on Intelligent Systems and Informatics Proceedings			0	0	0	0	0
7009	2011	Using HL7 CDA and CCD standards to improve communication between healthcare information systems		Sisy 2011 9th International Symposium on Intelligent Systems and Informatics Proceedings			0	0	0	0	0
7010	2011	Integrative research approach for a risk evaluation ontology design	18650929	Communications in Computer and Information Science	219 CCIS	PART 1	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7011	2011	Knowledge applications development for SMEs business management system improvement	18650929	Communications in Computer and Information Science	219 CCIS	PART 1	0	0	0	0	0
7012	2011	On-line training and certification solution for business process managers	18650929	Communications in Computer and Information Science	219 CCIS	PART 1	0	0	0	0	0
7013	2011	Low-cost fuzzy control approaches to a class of state feedback-controlled servo systems		IEEE ASME International Conference on Advanced Intelligent Mechatronics AIM			0	0	0	0	0
7014	2011	A comparative case study of position control solutions for a mechatronics application		IEEE ASME International Conference on Advanced Intelligent Mechatronics AIM			0	0	0	0	0
7015	2011	Removal of AsV by FeIII-loaded XAD7 impregnated resin containing Di(2-ethylhexyl) phosphoric acid (DEHPA): Equilibrium, kinetic, and thermodynamic modeling studies	219568	Journal of Chemical and Engineering Data	56	10	2	0	2	1	0
7016	2011	Design and control of a single stator dual PM rotors axial synchronous machine for hybrid electric vehicles		Proceedings of the 2011 14th European Conference on Power Electronics and Applications EPE 2011			0	0	0	0	0
7017	2011	Synthesis of magnetic nanoparticles and magnetic fluids for biomedical applications		Nanomedicine Basic and Clinical Applications in Diagnostics and Therapy			1	0	0	1	0
7018	2011	Correlation for boiling heat transfer on porous surfaces tubes	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	12	4	0	0	0	0	0
7019	2011	Stable fuzzy logic control of generalized van der pol oscillator	9740635	International Journal of Artificial Intelligence	7	#####	0	0	0	0	0
7020	2011	Nonlinear behavior of composite shear walls with vertical steel encased profiles	1410296	Engineering Structures	33	10	3	6	9	8	9
7021	2011	Mathematical modelling of swirling flow in hydraulic turbines for the full operating range	0307904X	Applied Mathematical Modelling	35	10	5	4	3	0	4
7022	2011	Electrochemical behaviour of YBaCo4O7 in neutral aqueous solution	12247154	Studia Universitatis Babes Bolyai Chemia		1	0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7023	2011	Are the classes that use exceptions defect prone?		IWPSE Evol 11 Proceedings of the 12th International Workshop on Principles on Software Evolution			4	1	0	0	1		
7024	2011	The effect of synchronization of agents' execution in randomly generated networks of constraints		Proceedings of the European Computing Conference Ecc 11			0	1	0	0	0		
7025	2011	Considerations on the electromagnetic pollution produced by high voltage power plants		Proceedings of the European Computing Conference Ecc 11			0	0	0	0	0		
7026	2011	Limited blocking resource sharing for global multiprocessor scheduling	10683070	Proceedings Euromicro Conference on Real Time Systems			0	0	0	0	0		
7027	2011	Results concerning a new pattern of human knowledge		2011 2nd International Conference on Cognitive Infocommunications Coginfocom 2011			0	0	0	0	0		
7028	2011	Speed and position control of BLDC servo systems with low inertia		2011 2nd International Conference on Cognitive Infocommunications Coginfocom 2011			0	0	1	0	0		
7029	2011	Mixed virtual reference feedback tuning - Iterative feedback tuning: Method and laboratory assessment		Proceedings Isie 2011 2011 IEEE International Symposium on Industrial Electronics			0	0	0	0	0		
7030	2011	Technological variants for deposition of hard layers on the active surfaces of the coal hammers mills	15822214	Metalurgia International	16	12	0	0	0	0	0		
7031	2011	Comparative studies of tensile and bending behavior for some cocrmo alloys	15822214	Metalurgia International	16	7	0	0	0	0	0		
7032	2011	Stable iterative feedback tuning method for servo systems		Proceedings Isie 2011 2011 IEEE International Symposium on Industrial Electronics			0	0	1	0	0		
7033	2011	Active-flux-based, V/f-with-stabilizing-loops versus sensorless vector control of IPMSM Drives		Proceedings Isie 2011 2011 IEEE International Symposium on Industrial Electronics			2	0	2	0	0		
7034	2011	Measurement of the differential cross-sections of inclusive, prompt and non-prompt J/ψ production in proton-proton collisions at √s=7 TeV	5503213	Nuclear Physics B	850	3	1	2	7	5	3		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7035	2011	Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	84	5	5	0	5	2	2
7036	2011	Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s}=7\text{ TeV}$	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	703	4	4	1	1	2	1
7037	2011	Using web 2.0 technologies in academic education for students in engineering		Proceedings of the 2011 11th IEEE International Conference on Advanced Learning Technologies Icalt 2011			0	0	0	0	0
7038	2011	ECG signal compression using wavelets. Preliminary results		Isscs 2011 International Symposium on Signals Circuits and Systems Proceedings			1	1	0	0	1
7039	2011	A new blind estimation technique for orthogonal modulation communication systems based on denoising. Preliminary results		Isscs 2011 International Symposium on Signals Circuits and Systems Proceedings			0	0	0	0	0
7040	2011	A CNN based correlation algorithm to assist visually impaired persons		Isscs 2011 International Symposium on Signals Circuits and Systems Proceedings			0	0	1	0	0
7041	2011	Improved power distribution method for BLDC motor driving power inverters		Isscs 2011 International Symposium on Signals Circuits and Systems Proceedings			0	0	0	0	0
7042	2011	The estimation of chirp signals parameters by an extended Kalman filtering algorithm		Isscs 2011 International Symposium on Signals Circuits and Systems Proceedings			1	0	0	1	0
7043	2011	Long-range dependence in WiMAX downlink traffic		Isscs 2011 International Symposium on Signals Circuits and Systems Proceedings			0	0	0	0	0
7044	2011	Iterative Learning Control application to a 3D crane system		Icinco 2011 Proceedings of the 8th International Conference on Informatics in Control Automation and Robotics	1		0	0	0	0	0
7045	2011	2-DOF PI-fuzzy controllers for a magnetic levitation system		Icinco 2011 Proceedings of the 8th International Conference on Informatics in Control Automation and Robotics	1		0	1	1	0	0
7046	2011	A wavelet based baseline drift correction method for fetal magnetocardiograms		2011 IEEE 9th International New Circuits and Systems Conference Newcas 2011			0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7047	2011	Estimation-decoding on LDPC-based 2D-barcodes		Sigmap 2011 Proceedings of the International Conference on Signal Processing and Multimedia Applications			0	0	0	0	0
7048	2011	Higher layer authentication for broadcast in Controller Area Networks		Secrypt 2011 Proceedings of the International Conference on Security and Cryptography			0	0	0	3	0
7049	2011	Compatibility study between ketoprofen and pharmaceutical excipients used in solid dosage forms	7317085	Journal of Pharmaceutical and Biomedical Analysis	56	2	13	3	12	7	6
7050	2011	Multivariable adaptive control with hardware-in-the-loop for a drum-type boiler-turbine system		2011 19th Mediterranean Conference on Control and Automation MED 2011			0	0	1	0	0
7051	2011	Interpolative based implementation of a photovoltaic panel		2011 19th Mediterranean Conference on Control and Automation MED 2011			0	0	0	0	0
7052	2011	Optimal control systems with reduced parametric sensitivity based on particle swarm optimization and simulated annealing	1860949X	Studies in Computational Intelligence	366		0	0	0	0	0
7053	2011	Particle swarm optimization with disagreements on stagnation	1860949X	Studies in Computational Intelligence	381		0	0	0	0	1
7054	2011	Searching the most appropriate mother wavelets for Bayesian denoising of sonar images in the Hyperanalytic Wavelet domain		IEEE Workshop on Statistical Signal Processing Proceedings			0	0	0	0	0
7055	2011	Analysis of aerosol optical thickness in Timisoara from AERONET global network observations	5621887	Strojarstvo	53	5	0	0	0	0	0
7056	2011	Generalized Hyers-Ulam stability for a general cubic functional equation in quasi-ℓ ² -normed spaces	17935571	Asian European Journal of Mathematics	4	3	1	3	0	1	0
7057	2011	Redesigning plastic products	255289	Materiale Plastice	48	3	0	0	0	0	0
7058	2011	Cyclodextrins and small unilamellar liposomes: A comparative theoretical approach	12247154	Studia Universitatis Babes Bolyai Chemia		3	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7059	2011	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	14346044	European Physical Journal C	71	9	0	0	0	0	0
7060	2011	On a problem of geometric quantization	2198878	International Journal of Geometric Methods in Modern Physics	8	6	0	0	0	0	0
7061	2011	Selective deprotection of tethered glycoderivatives with unsaturated spacer	7930283	Heterocyclic Communications	17	03-Apr	0	0	0	0	0
7062	2011	Stochastic model-based heuristics for fast field of view loss recovery in urban traffic management through networks of video cameras	15249050	IEEE Transactions on Intelligent Transportation Systems	12	3	1	0	0	0	0
7063	2011	Gateway design and implementation in an automatic meter reading system based on Power Line Communications		Proceedings 7th International Conference on Networked Computing and Advanced Information Management Ncm 2011			1	0	0	1	0
7064	2011	Hand gesture recognition based on accelerometer sensors		Proceedings 7th International Conference on Networked Computing and Advanced Information Management Ncm 2011			0	0	2	1	1
7065	2011	Generalized Hyers-Ulam Stability for a General Mixed Functional Equation in Quasi- ℓ^2 -normed Spaces	16605446	Mediterranean Journal of Mathematics	8	3	3	1	4	0	1
7066	2011	Robustness based structural design: An integrated approach for multihazard risk mitigation	16609336	Applied Mechanics and Materials	82		0	0	0	0	0
7067	2011	Performance evaluation of DQOAS algorithm in case of applications generating VoIP and video streaming when a new QoS prioritization scheme for LTE is used		IEEE International Symposium on Broadband Multimedia Systems and Broadcasting Bmsb 2011 Conference Programme			0	0	0	0	0
7068	2011	Annual wind and energy loss distribution for two variable speed wind turbine concepts of 3 MW	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	1	0	0	0
7069	2011	Performance comparison of the three-parameter and the four-parameter sine-fit algorithms	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	4	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7070	2011	Mechanical properties of an Al91-Mn6-Nd3 nanostructured alloy	9215093	Materials Science and Engineering A	528	22-23	0	0	0	0	0		
7071	2011	Simulation of medical image interpretation		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	1	0		
7072	2011	Low-cost, short-term electric load prediction using the $\hat{I}_1$ - $\hat{I}_2$ - $\hat{I}_3$ filter		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0		
7073	2011	Data collecting from smart meters in an Advanced Metering Infrastructure		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			3	3	1	0	2		
7074	2011	The influence of cell-substrate and cell-medium interfacial tension on the cell spreading		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0		
7075	2011	Previous and current cycle learning approach to a 3D crane system laboratory equipment		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0		
7076	2011	Mobile LCD clock		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0		
7077	2011	A launch control system for cars		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0		
7078	2011	On a class of backward stochastic differential equations	12013390	Dynamics of Continuous Discrete and Impulsive Systems Series A Mathematical Analysis	18	4	0	0	0	0	0		
7079	2011	Nodal analysis models of looped water distribution networks	1816949X	Journal of Engineering and Applied Sciences	6	8	0	1	0	0	1		
7080	2011	Beam-to-column joints for seismic resistant dual-steel structures	17881994	Pollack Periodica	6	2	0	0	3	0	0		
7081	2011	Fatigue crack growth rate in acrylic resins under variable amplitude loading	1678442	Theoretical and Applied Fracture Mechanics	56	1	0	0	0	0	0		
7082	2011	Non-isothermal crystallization kinetics of some aventurine decorative glaze	13886150	Journal of Thermal Analysis and Calorimetry	105	2	1	1	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7083	2011	The use of thermal analysis in the study of Ca3Al 2O6 formation by the polymeric precursor method	13886150	Journal of Thermal Analysis and Calorimetry	105	2	0	0	0	0	0
7084	2011	Thermal stability of ketoprofen-active substance and tablets: Part 1. Kinetic study of the active substance under non-isothermal conditions	13886150	Journal of Thermal Analysis and Calorimetry	105	2	5	1	3	3	3
7085	2011	Experiment-based teaching in advanced control engineering	189359	IEEE Transactions on Education	54	3	6	6	0	0	4
7086	2011	Compatibility study between ibuprofen and excipients in their physical mixtures	13886150	Journal of Thermal Analysis and Calorimetry	105	2	3	3	0	3	1
7087	2011	Automotive transmission efficiency measurement using a chassis dynamometer	12299138	International Journal of Automotive Technology	12	4	7	7	2	5	2
7088	2011	The performance evaluation of Al2O3/water nanofluid flow and heat transfer in microchannel heat sink	179310	International Journal of Heat and Mass Transfer	54	17-18	4	6	5	8	7
7089	2011	Biocatalytic synthesis of new copolymers from 3-hydroxybutyric acid and a carbohydrate lactone	13811177	Journal of Molecular Catalysis B Enzymatic	71	01-Feb	1	0	3	2	0
7090	2011	Using a smart camera in order to control an inverted pendulum	15845982	Romanian Review Precision Mechanics Optics and Mechatronics		39	0	0	0	0	0
7091	2011	A geometrical point of view over a battery mathematical model		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	1	0	0
7092	2011	Sensor-based fixed-point DSP control of a 8/6 Switched Reluctance Motor		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0
7093	2011	Low speed PM generator for direct-drive wind applications		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0
7094	2011	Probabilistic and deterministic load flows methods in power systems reliability estimation		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7095	2011	Calculation of magnetic field intensity in the conductors of overhead lines		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0		
7096	2011	Deregulated environment transmission expansion planning		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0		
7097	2011	Mixed Virtual Reference Feedback Tuning Iterative Feedback Tuning approach to the position control of a laboratory servo system		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0		
7098	2011	Experimental model of a hydrogenerator with static excitation		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	1	0	0	0		
7099	2011	A geometric approach of a battery mathematical model for on-line energy monitoring		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			2	0	0	1	0		
7100	2011	Calculation of inductance of conductors for overhead power lines		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			1	1	0	0	0		
7101	2011	ComParison of power system tracing cost allocation methods		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	1	0	0		
7102	2011	Best practices in iPhone programming: Model-view-controller architecture Carousel component development		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	1	0	0	0		
7103	2011	The new digital media in educating computer engineering students for in-company communication		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0		
7104	2011	Deep bar effects produced by PWM power supplies in induction machines: Application to rotor Parameters determination		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7105	2011	MATLAB simulation applied to study the mechanism of load balancing by unbalanced capacitive shunt compenSation in a three-phase three-wire network		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0
7106	2011	220 kV and 400 kV power plant electromagnetic pollution analysis		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0
7107	2011	Dual input hybrid DC-DC converters		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			1	1	1	0	0
7108	2011	Hyers-ulam stability for second-order linear differential equations with boundary conditions	10726691	Electronic Journal of Differential Equations	2011		1	5	8	5	4
7109	2011	Measurement of the $W\bar{u}\bar{u} + W\bar{d}\bar{d}$ cross section in $\sqrt{s}=7\text{TeV}$ pp collisions with ATLAS	319007	Physical Review Letters	107	4	1	1	0	1	0
7110	2011	Building a Virtual Campus for digital students		2011 IEEE Global Engineering Education Conference Educon 2011			0	0	0	0	0
7111	2011	Search for supersymmetry in pp collisions at $\sqrt{s}=7\text{ TeV}$ in final states with missing transverse momentum and b-jets	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	701	4	0	0	0	0	0
7112	2011	A physical layer simulator for WiMAX in Rayleigh fading channel		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
7113	2011	Time delay compensation by fuzzy control in the case of master-slave telesurgery		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	1	0
7114	2011	A distributed system architecture for audio signal processing		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0
7115	2011	Automatic classification of power quality events using S-transform		2011 10th International Conference on Environment and Electrical Engineering Eeeic Eu 2011 Conference Proceedings			0	2	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7116	2011	A comparison of two gyrator realization as regarding the energy flow control from one port to the other		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7117	2011	Cell spreading on biocompatible materials studied by computer simulations		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0		
7118	2011	Parametric sensitivity reduction of PI-based control systems by means of evolutionary optimization algorithms		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7119	2011	Using hCard and vCard for improving usability in Moodle		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7120	2011	Congestion Management. Transmission expansion planning considering large wind power plants		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	1	0		
7121	2011	Modeling transmission lines-energization with PSCAD/EMTDC		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0		
7122	2011	A hybrid solution for a telecare system server		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7123	2011	Optimal control for a wind system considering the time evolution of the wind speed and the variation of the kinetic energy		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7124	2011	Finger detection based on hand contour and colour information		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	1	0	1	1		
7125	2011	Improvement of electric railway transportation protection systems using a relay based on fuzzy logic		2011 10th International Conference on Environment and Electrical Engineering Eeeic Eu 2011 Conference Proceedings			0	0	0	0	0		
7126	2011	Dynamic hand gesture recognition for human-computer interactions		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7127	2011	Web Programming features on integrated system SAP		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7128	2011	Models for do-check-act subcycle for development processes		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7129	2011	Performance of Fourier versus Wavelet analysis for magnetocardiograms using a SQUID-acquisition system		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	1	
7130	2011	Numerical simulation of a self-tuning control structure applied on double winded induction machine's excitation		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7131	2011	Supervised tree content based search algorithm for multimedia image databases		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	1	0	0	
7132	2011	A new parametric model for solar irradiance components		2011 10th International Conference on Environment and Electrical Engineering Eeeic Eu 2011 Conference Proceedings			0	0	0	1	0	
7133	2011	Implementation of hardware-in-the-loop system for drum-boiler-turbine decoupled multivariable control		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0	
7134	2011	Remote desktop solutions used in e-Learning scenarios		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7135	2011	On-line software solution for power consumption monitoring on WSN nodes		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7136	2011	Improved FPGA-based detector		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0	
7137	2011	Optimal location of series capacitor in radial distribution networks with distributed load		2011 10th International Conference on Environment and Electrical Engineering Eeeic Eu 2011 Conference Proceedings			1	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7138	2011	Experimental determination of an optimal control law of a small windgenerator		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7139	2011	Power consumption measurements of virtual machines		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	3	
7140	2011	Chaos control in DC arc furnaces powered by parallel DC-DC buck converters		2011 10th International Conference on Environment and Electrical Engineering Eeeic Eu 2011 Conference Proceedings			0	0	0	0	0	
7141	2011	Models and implementations of hardware interface modules in a multi-processor system-on-chip simulator		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0	
7142	2011	Extensions in Symmetrical Optimum design method. Advantages, applications and perspectives		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0	
7143	2011	A study on the minimal number of particles for a simplified particle swarm optimization algorithm		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1	
7144	2011	A comparison between radiation pattern characteristics for array antennas		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1	
7145	2011	Simulation and implementation of a BPSK modulator on FPGA		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0	
7146	2011	Automatic generation of medical recommendations using topic maps as knowledge source		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7147	2011	Generating OMNeT++ specifications from UML models for PSoC distributed applications		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
7148	2011	Wireless monitoring concept for logistic systems		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0	

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							2020	2021	2022	2023	2024		
7149	2011	Large wind farms integration in Romanian power system. Case study: Moldavia region		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0		
7150	2011	Improving performance of robust Self Adaptive Caches by optimizing the switching algorithm		Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems Ddeds 2011			0	0	0	0	0		
7151	2011	Time delay and information loss compensation in a network control system for a DC motor		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7152	2011	Data collection in a hybrid architecture of mobile devices and sensors		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7153	2011	Design methods of multithreaded architectures for multicore microcontrollers		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	0	0		
7154	2011	ICT solution supporting continuity of care in children healthcare services		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	1	0		
7155	2011	Traffic shaping and traffic policing impacts on aggregate traffic behaviour in high speed networks		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	1	0		
7156	2011	Above increasing autonomy of wireless sensor networks used for windmill monitoring		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7157	2011	Effects of obesity: A multivariate analysis of laboratory parameters		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7158	2011	Introducing Bee Colony Algorithm for Hexxagon game		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7159	2011	Towards a software quality assessment model based on open-source statical code analyzers		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	1		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7160	2011	FPGA based signal processing structures		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
7161	2011	Optimal control for a variable-speed wind turbine		Saci 2011 6th IEEE International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	0	0	1	0		
7162	2011	Estimation of equilibrium exchange rate in CEECs: A rolling window approach	15452921	Economics Bulletin	31	2	0	0	0	0	0		
7163	2011	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\hat{s}=7$ TeV proton-proton collisions	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	701	2	1	0	1	1	1		
7164	2011	Multiband passive filter built with metamaterial in a parallel-plate waveguide	18446035	Journal of Electrical and Electronics Engineering	4	1	0	0	0	0	0		
7165	2011	Boost converter used in solar energy systems	18446035	Journal of Electrical and Electronics Engineering	4	1	0	0	0	0	0		
7166	2011	Direct-drive induction motor for railway traction applications	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	12	3	0	2	0	1	0		
7167	2011	Knowledge base development in virtual enterprise network as support for workplace risk assessment	19473478	International Journal of Human Capital and Information Technology Professionals	2	3	0	0	0	0	0		
7168	2011	The developing heat transfer and fluid flow in micro-channel heat sink with viscous heating effect	9477411	Heat and Mass Transfer Waerme Und Stoffuebertragung	47	7	1	0	0	0	0		
7169	2011	Search for contact interactions in dimuon events from pp collisions at $\hat{s}=7$ TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	84	1	1	0	1	0	0		
7170	2011	The micro-tube heat transfer and fluid flow of water based Al2O3 nanofluid with viscous dissipation	7351933	International Communications in Heat and Mass Transfer	38	6	3	1	0	1	0		
7171	2011	A methodology for fracture strength evaluation of complete denture	13506307	Engineering Failure Analysis	18	5	0	0	2	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7172	2011	Bayesian hyperanalytic denoising of SONAR images	1545598X	IEEE Geoscience and Remote Sensing Letters	8	6	1	4	1	1	1
7173	2011	Search for a heavy particle decaying into an electron and a muon with the ATLAS detector in $\sqrt{s}=7\text{TeV}$ pp collisions at the LHC	319007	Physical Review Letters	106	25	0	1	1	0	0
7174	2011	Hamilton-Poisson realizations for the L $\frac{1}{4}$ system	1024123X	Mathematical Problems in Engineering	2011		1	0	0	1	0
7175	2011	Solar heating/cooling and domestic hot-water systems		Recent Researches in Energy and Environment 6th Iasme Wseas International Conference on Energy and Environment EE 11			1	0	0	0	0
7176	2011	Algorithm and program for the temperature analysis in a fire compartment		Recent Researches in Artificial Intelligence Knowledge Engineering and Data Bases 10th Wseas International Conference on Artificial Intelligence Knowledge Engineering and Data Bases Aiked 11			1	0	0	0	0
7177	2011	Effects analysis of building thermal rehabilitation		Recent Researches in Energy and Environment 6th Iasme Wseas International Conference on Energy and Environment EE 11			0	0	0	0	0
7178	2011	WLAN security performance study		10th Wseas International Conference on Ehac 11 and Ispra 11 3rd Wseas Int Conf on Nanotechnology Nanotechnology 11 6th Wseas Int Conf on Icoaa 11 2nd Wseas Int Conf on Iplafun 11			0	0	0	0	0
7179	2011	Search for pair production of first or second generation leptoquarks in proton-proton collisions at $\sqrt{s}=7\text{TeV}$ using the ATLAS detector at the LHC	15507998	Physical Review D Particles Fields Gravitation and Cosmology	83	11	0	0	0	0	2
7180	2011	Particle swarm optimization with disagreements	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	6728 LNCS	PART 1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7181	2011	Search for high mass dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS experiment	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	700	03-Apr	0	1	1	0	0
7182	2011	CAD design and analytical model of a twelve bar walking mechanism	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	73	2	0	0	0	0	0
7183	2011	Enabling parallelism and resource sharing in multi-core component-based systems		Proceedings 2011 14th IEEE International Symposium on Object Component Service Oriented Real Time Distributed Computing Isorc 2011			0	0	0	0	0
7184	2011	Novel multiband wideband filter relying on metamaterial technology		Final Program and Book of Abstracts Iwat 2011 2011 IEEE International Workshop on Antenna Technology Small Antennas Novel Structures and Innovative Metamaterials			0	0	0	0	0
7185	2011	Air quality monitoring in an urban agglomeration	1221146X	Romanian Reports of Physics	56	03-Apr	0	2	0	3	1
7186	2011	Measuring air pollutants in an international Romania airport with point and open path instruments	1221146X	Romanian Reports of Physics	56	03-Apr	0	0	1	0	1
7187	2011	Pre-/during-/post-laser processes to enhance the adhesion and mechanical properties of thermal-sprayed coatings with a reduced environmental impact	10599630	Journal of Thermal Spray Technology	20	4	8	10	5	5	7
7188	2011	Analytical search for homoclinic bifurcations in the Shimizu-Morioka model	1672789	Physica D Nonlinear Phenomena	240	12	3	2	1	4	4
7189	2011	Electrochemical behaviour of YBaCo 4O 7 in alkaline aqueous solution	14328488	Journal of Solid State Electrochemistry	15	6	0	0	0	0	0
7190	2011	Uniqueness of CO-semigroups on a general locally convex vector space and an application	371912	Semigroup Forum	82	3	1	1	0	0	1
7191	2011	Online state-of-health assessment for battery management systems	189456	IEEE Transactions on Instrumentation and Measurement	60	6	12	10	9	17	16
7192	2011	Catalytic enhancement of hydrogen evolution reaction on copper in the presence of benzylamine	3603199	International Journal of Hydrogen Energy	36	12	7	4	1	1	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7193	2011	Comparative heavy metal chemical extraction from anaerobically digested biosolids	0304386X	Hydrometallurgy	108	01-Feb	6	6	3	5	0
7194	2011	Photocatalytically-assisted electrochemical degradation of p-aminophenol in aqueous solutions using zeolite-supported TiO2 catalyst	3666352	Chemical Papers	65	3	1	1	1	1	0
7195	2011	An optimal iteration method with application to the Thomas-Fermi equation	18951082	Central European Journal of Physics	9	3	4	4	6	0	1
7196	2011	Measurement of underlying event characteristics using charged particles in pp collisions at $\sqrt{s}=900\text{GeV}$ and 7 TeV with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	83	11	4	6	3	3	3
7197	2011	Some physico - mechanical properties of dry mortars containing cellulose ethers	15833186	Revista Romana De Materiale Romanian Journal of Materials	41	1	2	1	0	0	0
7198	2011	Discussion on "nonlinear vibration of simply supported rectangular cross-ply plates" by Gajbir Singh, K. Kanaka Raju, G. Venkateswara Rao and N.G.R. Iyengar [Journal of Sound and Vibration 142 (1990) 213226]	0022460X	Journal of Sound and Vibration	330	11	0	0	0	0	0
7199	2011	Synthesis and characterization of new hydroxycarboxylate compounds obtained in the redox reaction between Fe(NO3)3 and diol	406031	Thermochimica Acta	519	01-Feb	0	1	0	0	0
7200	2011	Synthesis, structure and cytotoxic activity of mixed-valent Cu(I)/Cu(II) salt containing a pyrazolone derivative as ligand	201693	Inorganica Chimica Acta	370	1	1	2	0	0	1
7201	2011	Multiple input DC-DC topologies in renewable energy systems - A general review		Expres 2011 3rd IEEE International Symposium on Exploitation of Renewable Energy Sources Proceedings			1	2	0	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7202	2011	Optimal energy mix for a grid connected hybrid wind Photovoltaic generation system		Expres 2011 3rd IEEE International Symposium on Exploitation of Renewable Energy Sources Proceedings			0	1	1	1	1
7203	2011	Study of brake transient regimes for a small wind generator		Expres 2011 3rd IEEE International Symposium on Exploitation of Renewable Energy Sources Proceedings			0	0	0	0	0
7204	2011	Advantages of FEM analysis in electrical machines optimization used in wind energy conversion systems		Expres 2011 3rd IEEE International Symposium on Exploitation of Renewable Energy Sources Proceedings			1	0	1	0	0
7205	2011	Power quality monitoring and analysis. Case study for 220/110 kV substation		Expres 2011 3rd IEEE International Symposium on Exploitation of Renewable Energy Sources Proceedings			0	0	0	0	0
7206	2011	Cyclic performances of shear connectors		Composite Construction in Steel and Concrete Vi Proceedings of the 2008 Composite Construction in Steel and Concrete Conference			2	3	1	3	0
7207	2011	Calculation by finite element method (FEM) of temperature distribution in the components of a mechanical face seal	13104772	Journal of the Balkan Tribological Association	17	1	0	0	0	0	0
7208	2011	Automotive mechanical face seals - tribological simulation	13104772	Journal of the Balkan Tribological Association	17	1	0	0	0	0	0
7209	2011	Lamellar Co2+ vinylphosphonate metal organic framework. PM3 semi-empirical analysis of structural properties	353930	Revue Roumaine De Chimie	56	5	2	1	2	1	1
7210	2011	Prediction of particle size distribution effects on thermal conductivity of particulate composites	9335137	Materialwissenschaft Und Werkstofftechnik	42	5	1	0	1	2	1
7211	2011	A simple and inexpensive capillary holder for thin-layer chromatography	219584	Journal of Chemical Education	88	5	0	0	0	1	0
7212	2011	On the hamiltonian dynamics and geometry of the Rabinovich system	15313492	Discrete and Continuous Dynamical Systems Series B	15	3	0	0	1	2	1
7213	2011	A high-performance procedure for effective number of bits estimation in analog-to-digital converters	189456	IEEE Transactions on Instrumentation and Measurement	60	5	0	2	2	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7214	2011	Utilization of the magnetogranulometric analysis to estimate the thermal conductivity of magnetic fluids	3048853	Journal of Magnetism and Magnetic Materials	323	10	0	0	0	0	0
7215	2011	Theoretical and experimental study on composite steelconcrete shear walls with vertical steel encased profiles	0143974X	Journal of Constructional Steel Research	67	5	10	14	21	15	18
7216	2011	Characterization of Mg1-xNixAl2O4 solid solutions prepared by combustion synthesis	9552219	Journal of the European Ceramic Society	31	5	0	1	1	0	1
7217	2011	Measurement of dijet azimuthal decorrelations in pp collisions at $\sqrt{s}=7\text{TeV}$	319007	Physical Review Letters	106	17	5	2	6	4	3
7218	2011	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	698	5	2	1	1	0	1
7219	2011	Measurement of the production cross section for W-bosons in association with jets in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	698	5	0	1	0	1	0
7220	2011	Distributed intelligent climate system for indoor locations		9th IEEE International Symposium on Applied Machine Intelligence and Informatics Sami 2011 Proceedings			0	1	0	0	1
7221	2011	Issues regarding mathematical modeling of wind aggregates		9th IEEE International Symposium on Applied Machine Intelligence and Informatics Sami 2011 Proceedings			0	0	0	0	0
7222	2011	Macrostructural analysis of cavitantion for various ferrous materials	15822214	Metalurgia International	16	4	0	0	0	0	0
7223	2011	Crystallization behavior of Fe72Cr3Ga4P13Si5C3 bulk amorphous alloy	15822214	Metalurgia International	16	4	1	0	0	0	0
7224	2011	Geometrical aspects of the ball-plate problem	12242780	Balkan Journal of Geometry and Its Applications	16	2	0	0	0	0	0
7225	2011	The collapsibility of hexagon 2-complexes with the 12-property	12241784	Analele Stiintifice Ale Universitatii Ovidius Constanta Seria Matematica	19	1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7226	2011	Hexagonal 2-complexes have a strongly convex metric	12241784	Analele Stiintifice Ale Universitatii Ovidius Constanta Seria Matematica	19	1	0	0	0	0	0	0
7227	2011	Flow-feedback control technique for vortex rope mitigation from conical diffuser of hydraulic turbines draft tube	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	12	2	0	1	0	1	0	0
7228	2011	Lipase catalyzed synthesis of aromatic esters of sugar alcohols	2010376X	World Academy of Science Engineering and Technology	76		1	0	0	0	0	0
7229	2011	Ionic liquid pretreatment and enzymatic hydrolysis of wood biomass	2010376X	World Academy of Science Engineering and Technology	76		0	2	1	0	0	0
7230	2011	Double immobilized lipase for the kinetic resolution of secondary alcohols	2010376X	World Academy of Science Engineering and Technology	76		0	0	0	0	0	0
7231	2011	Efficient preparation and characterization of carbohydrate based monomers. D-mannose derivatives	2010376X	World Academy of Science Engineering and Technology	76		0	0	0	0	0	0
7232	2011	Hydrodynamic modeling of a surface water treatment pilot plant	2010376X	World Academy of Science Engineering and Technology	76		0	0	0	0	0	0
7233	2011	Synthesis of peptide amides using sol-gel immobilized alcalase in batch and continuous reaction system	2010376X	World Academy of Science Engineering and Technology	76		1	1	0	0	0	0
7234	2011	Comparative study of Juniperus communis and Juniperus virginiana essential oils: TLC and GC analysis	9334173	Journal of Planar Chromatography Modern TLC	24	2	1	2	0	0	0	0
7235	2011	Characteristics of DUCTROT-M computer program for determining the available rotation capacity of steel wide-flange beams	17881994	Pollack Periodica	6	1	0	0	0	0	0	0
7236	2011	Seismic performance of steel plate shear walls structures	17881994	Pollack Periodica	6	1	1	1	1	0	0	0
7237	2011	Behavior of concentrically braced frames with friction dampers	17881994	Pollack Periodica	6	1	1	0	0	0	0	0
7238	2011	Extensive study of plastic hinges in composite steel-concrete members subjected to shear and/or bending	17881994	Pollack Periodica	6	1	0	0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7239	2011	Nonlinear dynamic analysis of an electrical machine rotorbearing system by the optimal homotopy perturbation method	8981221	Computers and Mathematics with Applications	61	8	1	4	6	3	4
7240	2011	Powerthermal profiling of software applications	262692	Microelectronics Journal	42	4	0	0	0	0	0
7241	2011	The use of exploratory experimental designs combined with thermal numerical modelling to obtain a predictive tool for hybrid laser/MIG welding and coating processes	303992	Optics and Laser Technology	43	3	0	2	0	2	2
7242	2011	Convergent iterative feedback tuning of state feedback-controlled servo systems	18761100	Lecture Notes in Electrical Engineering	85 LNEE		0	0	0	0	0
7243	2011	Radiographic, micro computer tomography and optical coherence tomography investigations of ceramic interfaces	0277786X	Proceedings of SPIE the International Society for Optical Engineering	7990		0	0	0	0	0
7244	2011	Search for supersymmetry using final states with one lepton, jets, and missing transverse momentum with the ATLAS detector in $\sqrt{s}=7\text{TeV}$ pp collisions	319007	Physical Review Letters	106	13	4	0	0	1	1
7245	2011	Economic and financial integration of CEECs: The impact of financial instability	18024696	Auco Czech Economic Review	5	1	1	1	2	2	0
7246	2011	Search for diphoton events with large missing transverse energy in 7 TeV proton-proton collisions with the ATLAS detector	319007	Physical Review Letters	106	12	1	0	0	0	1
7247	2011	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	83	5	9	8	5	11	2
7248	2011	A fast semi-inverse approach to detect and remove the haze from a single image	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	6493 LNCS	PART 2	23	19	15	15	10

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7249	2011	Image and video decolorization by fusion	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	6492	LNCSPART 1	2	2	1	1	1
7250	2011	Measurement of the centrality dependence of J/ψ yields and observation of Z production in lead-lead collisions with the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	697	4	3	5	1	1	2
7251	2011	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb ⁻¹ of pp collisions at √s = 7 TeV using the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	705	01-Feb	1	0	0	1	0
7252	2011	Study of jet shapes in inclusive jet production in pp collisions at √s=7TeV using the ATLAS detector	15507998	Physical Review D Particles Fields Gravitation and Cosmology	83	5	4	1	2	1	4
7253	2011	Active-flux-based motion-sensorless vector control of biaxial excitation generator/motor for automobiles	939994	IEEE Transactions on Industry Applications	47	2	0	1	1	0	1
7254	2011	Controller design solutions for long distance telesurgical applications	9740635	International Journal of Artificial Intelligence	6	11 S	29	35	25	4	1
7255	2011	The advantages of using Mind Map for learning web Dynpro	10613773	Computer Applications in Engineering Education	19	1	0	0	0	0	2
7256	2011	Explicit and exact solutions to cubic Duffing and double-well Duffing equations	8957177	Mathematical and Computer Modelling	53	05-Jun	7	4	0	3	0
7257	2011	Fabrication and characterization of superparamagnetic and thermoresponsive hydrogels based on oleic-acid-coated Fe3O4 nanoparticles, hexa(ethylene glycol) methyl ether methacrylate and 2-(acetoacetoxy)ethyl methacrylate	3048853	Journal of Magnetism and Magnetic Materials	323	5	3	2	1	4	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7258	2011	The stabilization of charged states at phenazine-like units in polyaniline under p-doping: An in situ ATR-FTIR spectroelectrochemical study	14639076	Physical Chemistry Chemical Physics	13	8	9	10	3	6	9
7259	2011	Heat transfer process during the crystallization of benzil grown by the Bridgman-Stockbarger method	220248	Journal of Crystal Growth	317	1	1	0	2	0	0
7260	2011	Comparison between elastic-perfectly-plastic interfacial free-edge and crack tip singular fields	392480	Strojniski Vestnik Journal of Mechanical Engineering	57	1	0	0	0	0	1
7261	2011	Study on Hardfaced Wear Resistant Bronze Alloy		Friction Wear and Wear Protection International Symposium on Friction Wear and Wear Protection 2008 Aachen Germany			1	0	0	0	0
7262	2011	Novel D-glucose and D-mannose based oligomers: Synthesis and characterization	16187229	E Polymers			2	1	0	4	1
7263	2011	Numerical analysis with finite and boundary elements of thermal fields in steady state regime	18196608	Arpn Journal of Engineering and Applied Sciences	6	2	0	1	0	0	0
7264	2011	Numerical investigation of the stress field near a crack normal to ceramic-metal interface	1738494X	Journal of Mechanical Science and Technology	25	2	2	0	0	0	0
7265	2011	Maintenance of riveted steel bridges exemplary shown with two highway bridges across the river Marosch in Romania	389145	Stahlbau	80	2	0	0	0	0	0
7266	2011	Nonisothermal decomposition kinetics of [CoC2O 4•2.5H2O]n	13886150	Journal of Thermal Analysis and Calorimetry	103	2	0	0	0	0	0
7267	2011	Multiscale modelling of two-phase Ceramic Matrix Composites	9270256	Computational Materials Science	50	4	11	10	3	2	3
7268	2011	Modeling the vestibular nucleus	18761100	Lecture Notes in Electrical Engineering	70 LNEE		0	0	0	0	0
7269	2011	Availability studies and solutions for wheeled mobile robots	18761100	Lecture Notes in Electrical Engineering	70 LNEE		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7270	2011	Search for quark contact interactions in dijet angular distributions in pp collisions at s=7 TeV measured with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	694	04-May	1	0	2	0	0
7271	2011	Comparison of treadmill-based and overground gait analysis	16800737	Ifmbe Proceedings	36		0	0	0	0	0
7272	2011	Experiments in electrotherapy for pain relief using a novel modality concept	16800737	Ifmbe Proceedings	36		0	0	0	0	1
7273	2011	Responsabilitatea socială a companiilor din România între percepție și realitate	15829146	Amfiteatru Economic	13	29	0	1	1	0	0
7274	2011	Sustainability of RC structures		Fib Symposium Prague 2011 Concrete Engineering for Excellence and Efficiency Proceedings	2		0	0	0	0	0
7275	2011	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy	14346044	European Physical Journal C	71	11	0	1	1	1	4
7276	2011	Direct and indirect estimation of a sine wave amplitude by the energy-based method		18th Imeko Tc4 Symposium on Measurement of Electrical Quantities 2011 Part of Metrologia 2011			0	0	0	0	0
7277	2011	Numerical simulation of the 3D unsteady turbulent flow in a combustion chamber	18961541	Central European Journal of Engineering	1	2	0	0	0	0	2
7278	2011	Experimental tests on composite steel-concrete structural shear walls with steel encased profiles		10th International Conference on Steel Space and Composite Structures			0	0	0	1	0
7279	2011	Corporate social responsibility in Romanian companies - between perceptions and reality	15829146	Amfiteatru Economic	13	29	4	0	0	0	1
7280	2011	GPU accelerated model for liquid state machine based on spiking neurons	18033814	Mendel			0	0	0	0	0
7281	2011	Computer-aided evaluation of particle distribution in metallic matrix composites		Proceedings of the Euro International Powder Metallurgy Congress and Exhibition Euro Pm 2011	3		0	0	0	0	0
7282	2011	Determining the center of pressure trajectories during lumbar spine flexion	16800737	Ifmbe Proceedings	36		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7283	2011	University accreditation-between consumer protection and accountability of higher education providers		11th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2011	3		0	0	0	0	0
7284	2011	The selection of a landfill site - "Timisoara" case		11th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2011	3		0	0	0	0	0
7285	2011	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s} = 900$ GeV and $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC	14346044	European Physical Journal C	71	5	1	0	0	0	0
7286	2011	The active flux concept for motion-sensorless unified AC drives: A review		International Aegean Conference on Electrical Machines and Power Electronics Acemp 2011 and Electromotion 2011 Joint Conference			4	2	6	6	5
7287	2011	A new dual-input hybrid buck DC-DC converter		International Aegean Conference on Electrical Machines and Power Electronics Acemp 2011 and Electromotion 2011 Joint Conference			1	3	1	3	1
7288	2011	Hybrid analytical/FEM optimization design of SPMSM for refrigerator compressor loads		International Aegean Conference on Electrical Machines and Power Electronics Acemp 2011 and Electromotion 2011 Joint Conference			1	0	0	0	0
7289	2011	Gravitational Search Algorithm-based tuning of fuzzy control systems with a reduced parametric sensitivity	18675662	Advances in Intelligent and Soft Computing	96	AISC	0	1	8	7	4
7290	2011	Up to date issues on modeling the nervous control of the cardiovascular system on short-term	14746670	IFAC Proceedings Volumes IFAC Papersonline	44	1 PART 1	0	0	0	0	0
7291	2011	Cascade control for telerobotic systems serving space medicine	14746670	IFAC Proceedings Volumes IFAC Papersonline	44	1 PART 1	13	39	41	10	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7292	2011	Gravitational Search Algorithms in fuzzy control systems tuning	14746670	IFAC Proceedings Volumes IFAC Papersonline	44	1 PART 1	0	0	0	0	0	
7293	2011	Stability analysis of fuzzy logic control systems for a class of nonlinear SISO discrete-time systems	14746670	IFAC Proceedings Volumes IFAC Papersonline	44	1 PART 1	2	1	0	0	1	
7294	2011	A method for submodelling inside transient flows		Proceedings 13th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2011			0	3	0	0	0	
7295	2011	Electric substation ancillary services power supply using fuel cell	19749821	International Review on Modelling and Simulations	4	5	0	0	0	0	0	
7296	2011	Acid waters impact on the environment	347752	Revista De Chimie	62	12	0	0	0	0	0	
7297	2011	Laser microspectral analysis for validation of en-face OCT imagistic evaluation of microleakage between the metallic framework and veneer materials in fixed partial prostheses	347752	Revista De Chimie	62	12	0	0	0	0	0	
7298	2011	Spectrophotometric parameters for organic matter characterization in raw and treated surface water	15829596	Environmental Engineering and Management Journal	10	10	0	1	0	0	0	
7299	2011	Drinking water quality in water-supply networks	15829596	Environmental Engineering and Management Journal	10	11	1	0	0	0	0	
7300	2011	Kinetics and equilibrium studies of reactive yellow 125 adsorption on a nitrogen doped TiO2 modified zeolite	15829596	Environmental Engineering and Management Journal	10	11	0	0	0	0	0	
7301	2011	Use of D2EHPA-impregnated XAD7 resin for the removal of Cd(II) and Zn(II) from aqueous solutions	15829596	Environmental Engineering and Management Journal	10	10	1	0	2	0	1	
7302	2011	Experimental comparative results of main pollutants monitoring for a spark ignition cogeneration engine fuelled with LPG and petrol	18426573	Optoelectronics and Advanced Materials Rapid Communications	5	12	0	0	0	0	0	
7303	2011	Electromagnetic behavior of zinc ferrites obtained by a coprecipitation technique	22863540	UPB Scientific Bulletin Series C Electrical Engineering	73	4	0	0	0	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7304	2011	Analysis of dimensional accuracy of two models of customized hip prostheses made of polyamide powder by selective laser melting technology	18426573	Optoelectronics and Advanced Materials Rapid Communications	5	12	0	0	1	0	0
7305	2011	Cell seeding of Tissue Engineering Scaffolds studied by Monte Carlo simulations	9269630	Studies in Health Technology and Informatics	169		1	1	0	0	0
7306	2011	Patient empowerment by increasing information accessibility in a telecare system	9269630	Studies in Health Technology and Informatics	169		0	0	0	0	1
7307	2011	Electric substation ancillary services power consumption and quality monitoring and analysis	18276660	International Review of Electrical Engineering	6	4	0	0	0	0	0
7308	2011	Complexes of anti-inflammatory non-steroidal drugs from carboxylic acids family 1. Synthesis and characterization of Zn(II) complex with ibuprofen	347752	Revista De Chimie	62	11	0	1	1	0	0
7309	2011	The removal of p-cloro-phenol from synthetic waste water on Fe 2O3-Clays nanocomposites systems	347752	Revista De Chimie	62	11	0	0	0	0	0
7310	2011	Search for neutral MSSM Higgs bosons decaying to $\tilde{l}_\mu, +\tilde{l}_\mu^-$ pairs in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	705	3	0	0	0	0	1
7311	2011	Determination of anion and cation contents in Cyprus drinking waters by hpic method	14590255	Journal of Food Agriculture and Environment	9	1	0	0	0	0	0
7312	2011	Some security issues in Scalance wireless industrial networks		Proceedings of the 2011 6th International Conference on Availability Reliability and Security Ares 2011			0	0	0	0	1
7313	2011	Secure broadcast with one-time signatures in Controller Area Networks		Proceedings of the 2011 6th International Conference on Availability Reliability and Security Ares 2011			0	0	1	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7314	2011	Case study on increasing the transport capacity of 220 kV DC OHL Iernut-Baia Mare by reconductoring using LM technologies		Proceedings of the IEEE International Conference on Transmission and Distribution Construction and Live Line Maintenance ESMO			2	0	0	0	1	
7315	2011	Experimental approach concerning the selective catalytic reduction of NOx for diesel engines of Romanian railway transport	18426573	Optoelectronics and Advanced Materials Rapid Communications	5	10	0	0	1	0	1	
7316	2011	Hepatoprotective flavonoid bioconjugate/ β -cyclodextrin nanoparticles: DSC - molecular modeling correlation	18423582	Digest Journal of Nanomaterials and Biostructures	6	4	0	0	0	1	2	
7317	2011	Measurement of the $\pi^0(15)$ production cross-section in pp collisions at $\sqrt{s}=7$ TeV in ATLAS	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	705	01-Feb	3	0	0	2	0	
7318	2011	Complexes of the Anti-inflammatory Non-steroidal Drugs from Oxycam Family: 1. Synthesis and characterization of the Zn(II) complex with Piroxicam	347752	Revista De Chimie	62	10	0	0	0	1	0	
7319	2011	Adsorption of arsenate anions from aqueous medium by using Fe(III) Loaded XAD7-DEHPA impregnated resin	347752	Revista De Chimie	62	10	1	1	0	0	0	
7320	2011	Confocal microscopy combined with time domain optical coherence tomography and micro computer tomography in interface evaluation of class II direct composite restoration	347752	Revista De Chimie	62	10	0	0	0	0	0	
7321	2011	Juniperus communis and juniperus Virginiana hydrophobic extracts: A multivariate analysis approach	347752	Revista De Chimie	62	9	0	0	0	0	0	
7322	2011	Structural characterization and the sorption properties of the natural and synthetic zeolite	14544164	Journal of Optoelectronics and Advanced Materials	13	5	2	0	1	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7323	2011	Synthesis of Ni ferrite powders by coprecipitation and hydrothermal methods	14544164	Journal of Optoelectronics and Advanced Materials	13	3	0	0	0	0	0
7324	2011	Structural and morphological characterization of nanosized TiO2 particles prepared by sol-gel method	14544164	Journal of Optoelectronics and Advanced Materials	13	4	1	1	0	0	0
7325	2011	Measurement of the inelastic proton-proton cross-section at $\sqrt{s} = 7$ TeV with the ATLAS detector	20411723	Nature Communications	2	1	1	4	1	2	1
7326	2011	Learning for 21 st Century Skills		International Conference on Information Society I Society 2011			3	3	1	5	7
7327	2011	The analysis of the new-borns' cry using NEONAT and data mining techniques		Ines 2011 15th International Conference on Intelligent Engineering Systems Proceedings			0	1	0	0	0
7328	2011	A different approach of the manufacturing method used to demonstrate the effect of halogenated organic compounds and aromatic hydrocarbons to the composite teeth denture base resin tensile strength	11099518	Wseas Transactions on Biology and Biomedicine	8	1	0	0	0	0	0
7329	2011	Extracting clinical information to support medical decision based on standards	9269630	Studies in Health Technology and Informatics	165		0	0	0	0	0
7330	2011	XML as a cross-platform representation for medical imaging with fuzzy algorithms	9269630	Studies in Health Technology and Informatics	165		0	0	0	0	0
7331	2011	Phase transformations on friction welding of dissimilar thermochemically treated steels	10120394	Solid State Phenomena	172-174		0	0	0	0	0
7332	2011	Use of di-(2-ethylhexyl) phosphoric acid (DEHPA) impregnated XAD7 copolymer resin for the removal of chromium (III) from water	347752	Revista De Chimie	62	7	2	1	7	1	1
7333	2011	Study above an adaptive control structure with application to a double-fed induction generator's excitation		Eurocon 2011 International Conference on Computer as A Tool Joint with Conftele 2011			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7334	2011	The structural synthesis of the parallel robots	13921207	Mechanika	17	3	1	0	0	0	1
7335	2011	Synthesis of N-carbamylimides by a New More Efficient Method	347752	Revista De Chimie	62	6	0	0	0	1	0
7336	2011	Diurnal variation of particulate matter in the proximity of Rovinari fossil-fuel power plant	15829596	Environmental Engineering and Management Journal	10	1	1	0	0	0	1
7337	2011	Determination of organic pollutants from water by electrochemical methods	15829596	Environmental Engineering and Management Journal	10	1	0	0	0	0	0
7338	2011	Evaluation of air quality in airport areas by numerical simulation	15829596	Environmental Engineering and Management Journal	10	1	0	1	2	0	0
7339	2011	Synthesis of various N-carbamylamic acids	347752	Revista De Chimie	62	5	0	0	0	1	0
7340	2011	A comparative study of junipems communis and juniperus virginiana extracts: The influence of method, solvent, and provenience	347752	Revista De Chimie	62	5	0	0	0	0	2
7341	2011	Application of thermal analysis to study the compatibility of sodium diclofenac with different pharmaceutical excipients	347752	Revista De Chimie	62	4	0	2	1	2	1
7342	2011	Formal modelling and automatic detection of resource exhaustion attacks		Proceedings of the 6th International Symposium on Information Computer and Communications Security Asiaccs 2011			1	0	2	1	1
7343	2011	Influence of geometry on the position and the intensity of maximum kinetic energy in a combustion chamber	10120386	Defect and Diffusion Forum	312-315		1	0	0	0	0
7344	2011	Fuel conversion efficiency of a port injection engine fueled with gasoline-isobutanol blends	3605442	Energy	36	5	4	3	3	2	1
7345	2011	Degradation of humic acid from water by advanced electrochemical oxidation method	16069749	Water Science and Technology Water Supply	11	1	1	1	3	1	0
7346	2011	Metrics for performance evaluation of pre-processing algorithms in infrared small target images	10704698	Progress in Electromagnetics Research	115		0	0	0	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7347	2011	Nonlinear correlations in the hydrophobicity and average flexibility along the glycolytic enzymes sequences	9600779	Chaos Solitons and Fractals	44	04-May	1	1	0	1	1	
7348	2011	Characterisation of nickel-zinc ferrite/silica nanocomposites with low ferrite concentration obtained by an improved modified sol-gel method	9280707	Journal of Sol Gel Science and Technology	58	1	1	0	2	0	0	
7349	2011	Teacher education in 140 characters - Microblogging implications for continuous education, training, learning and personal development	18770428	Procedia Social and Behavioral Sciences	11		0	4	0	0	0	
7350	2011	Kinetic study of decomposition of ibuprofen under isothermal conditions	347752	Revista De Chimie	62	2	0	1	1	1	0	
7351	2011	Azo compounds derived from 1h-5-amino-4-ethoxycarbonyl-5-methylpyrazole and phenols or phenolic derivatives and possibilities of their cyclization to pyrazolo[5,1-c]benzo[1,2-e][1,2,4]triazines	347752	Revista De Chimie	62	2	0	0	0	0	0	
7352	2011	Plastic strength of thin-walled plated members-Alternative solutions review	2638231	Thin Walled Structures	49	5	0	4	1	0	0	
7353	2011	A survey on industrial applications of fuzzy control	1663615	Computers in Industry	62	3	33	29	38	38	22	
7354	2011	(New) 5-Substituted-4H-4-amino-3-mercapto-1,2,4-triazoles with increased complexing capabilities	347752	Revista De Chimie	62	1	2	0	0	0	1	
7355	2011	Kinetic study of sodium diclofenac under isothermal conditions	347752	Revista De Chimie	62	1	0	0	1	0	0	
7356	2011	Analysis of the gap bandwidth of some high impedance surfaces in the microwave range	2555476	Materials Science Forum	670		0	0	0	0	0	
7357	2011	Dependence of optical response on pH of a water-soluble Zn(II)-metalloporphyrin	18423582	Digest Journal of Nanomaterials and Biostructures	6	1	0	0	0	0	0	
7358	2011	Metallic foams obtained from nickel based superalloy hollow spheres	2555476	Materials Science Forum	672		0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7359	2011	A Pn ¹ , ² -based method for linear nonconstant coefficients high order eigenvalue problems	14397358	Lecture Notes in Computational Science and Engineering	76 LNCSE		0	0	0	0	0		
7360	2011	Fine-tuning the second generation sol-gel lipase immobilization with ternary alkoxysilane precursor systems	13595113	Process Biochemistry	46	1	2	3	2	1	1		
7361	2011	Effects of oxygen pressure in laser cutting	15822214	Metalurgia International	16	1	0	0	0	0	0		
7362	2011	Analysis of looped water distribution networks using variational formulations	15822214	Metalurgia International	16	1	1	1	1	0	0		
7363	2011	Numerical integration and synchronization for the 3-Dimensional metriplectic volterra system	1024123X	Mathematical Problems in Engineering	2011		0	0	0	1	0		
7364	2010	Power quality monitoring for electric substation ancillary services supplying		Ichqp 2010 14th International Conference on Harmonics and Quality of Power			0	0	0	0	0		
7365	2010	Comparison between agilent and national instruments functional test systems		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			0	0	0	0	0		
7366	2010	Accurate modeling of physical time in asynchronous embedded sensing networks		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			0	0	0	0	0		
7367	2010	Heat dissipation improvement for ZnO based varistors		Ichqp 2010 14th International Conference on Harmonics and Quality of Power			1	3	0	0	0		
7368	2010	Electric substation ancillary services power consumption analysis. Case study: Timisoara 400/220/110 kV substation		Ichqp 2010 14th International Conference on Harmonics and Quality of Power			1	0	0	0	1		
7369	2010	Control strategy for a variable-speed wind turbine using DC bus measurements		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			0	0	0	0	0		
7370	2010	Unconventional sources for electric substation ancillary services power supply		Ichqp 2010 14th International Conference on Harmonics and Quality of Power			1	0	0	0	1		
7371	2010	Determination of synchronous generator's efficiency and of wind turbine's mathematical models based on the usage of regression functions		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7372	2010	Transmission cost allocation based on power flow tracing using Z bus matrix		Ichqp 2010 14th International Conference on Harmonics and Quality of Power			0	0	0	0	0	
7373	2010	Experiments in fuzzy control of a magnetic levitation system laboratory equipment		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			1	0	0	0	0	
7374	2010	Measuring medical informatics systems interoperability using the LISI model		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			0	0	0	0	0	
7375	2010	A distributed smart card based access control system		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			0	0	0	0	0	
7376	2010	Towards UML modeling of cyber-physical systems: A case study for gas distribution		Siisy 2010 8th IEEE International Symposium on Intelligent Systems and Informatics			2	2	0	1	0	
7377	2010	Load balancing by unbalanced capacitive shunt compensation - A numerical approach		Ichqp 2010 14th International Conference on Harmonics and Quality of Power			1	0	0	1	2	
7378	2010	On using a simplified model for leak detection improving in fluid filled pipelines		Proceedings of the 15th IEEE International Conference on Emerging Technologies and Factory Automation ETFA 2010			0	0	0	0	0	
7379	2010	Digital interpolation of body surface potential maps	18446035	Journal of Electrical and Electronics Engineering	3	1	0	0	0	0	0	
7380	2010	Novel position and speed estimator for PM single phase brushless D.C. motor drives: Validation with experiments		IEEE International Symposium on Industrial Electronics			0	0	0	0	1	
7381	2010	Optimum current reference generation algorithm for four quadrant operation of PMSMS drive system without regenerative unit		IEEE International Symposium on Industrial Electronics			0	0	0	0	0	
7382	2010	Surface permanent magnet synchronous motor optimization design: Hooke Jeeves method versus genetic algorithms		IEEE International Symposium on Industrial Electronics			0	0	1	0	0	
7383	2010	Improved control of diode-assisted buck-boost voltage-source inverters		Proceedings of EPE Pemc 2010 14th International Power Electronics and Motion Control Conference			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7384	2010	Implementation and signal processing aspects of Iterative Regression Tuning		IEEE International Symposium on Industrial Electronics			0	1	0	0	0		
7385	2010	FEM assisted position and speed observer for BLDC PM motor drive sensorless control, with experiments		Proceedings of EPE Pcmc 2010 14th International Power Electronics and Motion Control Conference			0	0	0	0	0		
7386	2010	Microstructure refinement and alloying of WC-CoCr coatings by electron beam treatment	2578972	Surface and Coatings Technology	205	7	0	3	2	1	2		
7387	2010	InCode.Rules: An agile approach for defining and checking architectural constraints		Proceedings 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing Iccp10			0	1	0	0	0		
7388	2010	Comparative characterization of plastic tubes for building installations	15822214	Metalurgia International	15	SPEC. ISS	0	1	0	0	0		
7389	2010	Reverse engineering object-oriented distributed systems		IEEE International Conference on Software Maintenance Icsm			0	0	0	0	1		
7390	2010	A patch-based approach to restore videos using additional stills	13342630	Proceedings Elmar International Symposium Electronics in Marine			0	0	0	0	0		
7391	2010	Observation of a centrality-dependent dijet asymmetry in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ Tev with the ATLAS detector at the LHC	319007	Physical Review Letters	105	25	27	22	24	22	33		
7392	2010	Dynamic identification of a hydrodynamic torque converter	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	72	4	0	0	0	0	0		
7393	2010	Magnetic properties of the WC-Co cermet powders	0094243X	Aip Conference Proceedings	1262		0	0	0	0	1		
7394	2010	Automatic inference of abstract type behavior		Ase 10 Proceedings of the IEEE ACM International Conference on Automated Software Engineering			0	0	0	0	0		
7395	2010	Measurements and identification of autonomic computing processes		Cimsa 2010 IEEE International Conference on Computational Intelligence for Measurement Systems and Applications Proceedings			0	1	0	0	0		
7396	2010	Optimal design of a rotating Transverse Flux Motor (TFM) with permanent magnets in rotor		19th International Conference on Electrical Machines ICEM 2010			2	1	0	1	1		

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							2020	2021	2022	2023	2024
7397	2010	Low speed synchronous generator with PM excitation		19th International Conference on Electrical Machines ICEM 2010			0	0	0	0	0
7398	2010	Advanced nonlinear investigations of a 50 m span frame case study: The steel structure of the ice rink, city of Targu-Mures, Romania		Proceedings of Sdss Rio 2010 International Colloquium Stability and Ductility of Steel Structures	2		0	0	0	0	0
7399	2010	Dual-steel frames for multistory buildings in seismic areas		Proceedings of Sdss Rio 2010 International Colloquium Stability and Ductility of Steel Structures	1		2	0	0	0	0
7400	2010	Strength and ductility of bolted t-stub macrocomponents under monotonic and cyclic loading		Proceedings of Sdss Rio 2010 International Colloquium Stability and Ductility of Steel Structures	1		0	0	0	1	0
7401	2010	Influence of member components on the structural performance of beam-to-column joints of pitched roof portal frames with Class 3 and 4 sections		Proceedings of Sdss Rio 2010 International Colloquium Stability and Ductility of Steel Structures	1		0	0	0	0	0
7402	2010	Design of steel frames of dissipative shear walls		Proceedings of Sdss Rio 2010 International Colloquium Stability and Ductility of Steel Structures	1		0	0	0	0	0
7403	2010	ARGs in teaching terminology		Tke 2010 Presenting Terminology and Knowledge Engineering Resources Online Models and Challenges			0	0	0	0	0
7404	2010	General solution of a second-order nonhomogenous linear operator difference equation with noncommutative coefficients	19350090	Applied Mathematics and Information Sciences	4	1	0	0	0	0	0
7405	2010	On a method of finding homoclinic and heteroclinic orbits in multidimensional dynamical systems	19350090	Applied Mathematics and Information Sciences	4	3	0	0	0	0	0
7406	2010	Optimal windows for sine-wave amplitude estimation by the energy-based method		17th Symposium Imeko Tc4 Measurement of Electrical Quantities 15th International Workshop on ADC Modelling and Testing and 3rd Symposium Imeko Tc19 Environmental Measurements			0	0	0	0	0

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							2020	2021	2022	2023	2024
7407	2010	Removal of hexavalent chromium from wastewater by use of scrap iron	2010376X	World Academy of Science Engineering and Technology	42		0	0	0	0	0
7408	2010	Fracture toughness of polyurethane foams. experiments versus micromechanical models		18th European Conference on Fracture Fracture of Materials and Structures from Micro to Macro Scale			2	0	0	0	0
7409	2010	Evaluation of re-centring capability of dual frames with removable dissipative members: Case study for eccentrically braced frames with bolted links		COST Action C26 Urban Habitat Constructions Under Catastrophic Events Proceedings of the Final Conference			0	0	0	0	0
7410	2010	Problems of seismic behaviour of buildings situated in urban habitats		COST Action C26 Urban Habitat Constructions Under Catastrophic Events Proceedings of the Final Conference			0	0	0	0	0
7411	2010	Experimental evaluation of q factor for dual steel frames with dissipative shear walls		COST Action C26 Urban Habitat Constructions Under Catastrophic Events Proceedings of the Final Conference			0	0	0	0	0
7412	2010	Direct design approach for seismic resistant steel frame buildings under extreme loading		COST Action C26 Urban Habitat Constructions Under Catastrophic Events Proceedings of the Final Conference			0	0	0	0	0
7413	2010	FRP composites for seismic retrofitting of RC wall panels with cut-out openings		Structures and Architecture Proceedings of the 1st International Conference on Structures and Architecture Icsa 2010			0	0	0	0	0
7414	2010	Improved design model for thin-walled cold-formed purlins continuously connected to sandwich panel roofing		Structures and Architecture Proceedings of the 1st International Conference on Structures and Architecture Icsa 2010			0	0	0	0	0
7415	2010	Robustness performance of seismic resistant building frames under abnormal loads		Structures and Architecture Proceedings of the 1st International Conference on Structures and Architecture Icsa 2010			0	0	0	0	0
7416	2010	Innovative sustainable steel framing based affordable house solution for continental seismic areas		Structures and Architecture Proceedings of the 1st International Conference on Structures and Architecture Icsa 2010			0	0	0	0	0
7417	2010	Experimental researches upon cavitation erosion resistance of the martensitic stainless steel GX4CrNi13-4, heat treated	15822214	Metalurgia International	15	10	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7418	2010	Influence of structural state on cavitational erosion of austenitic stainless steel solution treatment and nitriding	15822214	Metalurgia International	15	10	1	0	0	1	0
7419	2010	Influence of structural state on cavitational erosion of martensitic stainless steel GX4CrNi13-4, heat treated	15822214	Metalurgia International	15	10	0	0	0	0	0
7420	2010	The simultaneous influence of ferritic grain size and of the stress concentration on mechanical characteristics of a S235N steel	15822214	Metalurgia International	15	10	0	0	0	0	0
7421	2010	Numerical and experimental evaluation of q factors for RC MRF strengthened of steel BRB		COST Action C26 Urban Habitat Constructions Under Catastrophic Events Proceedings of the Final Conference			0	0	0	0	0
7422	2010	New aspects concerning Co-Cr alloys	15822214	Metalurgia International	15	9	0	0	1	0	0
7423	2010	Durability experimental tests for a superacryl plus complete denture	15835251	Timisoara Medical Journal	60	4	0	0	0	1	0
7424	2010	Knowledge Management in engineering high education - A possible approach	15837904	Academic Journal of Manufacturing Engineering	8	4	0	1	0	0	0
7425	2010	Creating an oscilloscope driver	17924863	International Conference on Applied Computer Science Proceedings			0	0	0	0	0
7426	2010	A generalization of the Lie derivative	17924324	International Conference on Circuits Systems and Signals Proceedings			0	0	0	0	0
7427	2010	Analytical- and boundary elements based integral representation for numericalsolution of 3-D potential problems in heterogeneous media containing singularities		International Conference on Mathematical and Computational Methods in Science and Engineering Proceedings			0	0	0	0	0
7428	2010	A new approach about L ¹ / ₄ system		International Conference on Mathematical and Computational Methods in Science and Engineering Proceedings			0	0	0	0	0
7429	2010	AES on GPU using CUDA		International Conference on Applied Mathematics and Informatics Proceedings			1	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7430	2010	An investigation of preferential flow path in case of urban flooding, using 2D mathematical hydrodynamical modeling		International Conference on Mathematical and Computational Methods in Science and Engineering Proceedings			0	0	0	0	0
7431	2010	Receiver mobility influence on OCDMA indoor wireless communications system performances		International Conference on Circuits Systems Electronics Control and Signal Processing Proceedings			0	0	0	0	0
7432	2010	Cellular automata based simulation for smoke and fire spreading in large buildings		International Conference on Development Energy Environment Economics Proceedings			1	0	1	0	0
7433	2010	Pollution control in airport areas by means of numerical simulation		6th Wseas Int Conf on Cellular and Molecular Biology Biophys and Bioeng Bio 10 8th Wseas Int Conf on Environ Ecosystems and Dev Eed 10 Int Conf on Biosci and Bioinformatics Icbb 10			0	0	0	0	0
7434	2010	Amalgam and composite resin interface investigation by opical coherence tomography		European Conference of Systems Ecs 10 European Conference of Circuits Technology and Devices Ecctd 10 European Conference of Communications Ecom 10 Eccs 10			0	0	0	0	0
7435	2010	Pressures distribution for eccentrically loaded rectangular footings on elastic soils		International Conference on Mathematical Models for Engineering Science Proceedings			0	0	0	1	0
7436	2010	Air pollution monitoring in a town nearly power plant		6th Wseas Int Conf on Cellular and Molecular Biology Biophys and Bioeng Bio 10 8th Wseas Int Conf on Environ Ecosystems and Dev Eed 10 Int Conf on Biosci and Bioinformatics Icbb 10			0	0	0	0	0
7437	2010	Theoretical study regarding the importance of biomass in obtaining biogas using the anaerobic fermentation process		6th Wseas Int Conf on Cellular and Molecular Biology Biophys and Bioeng Bio 10 8th Wseas Int Conf on Environ Ecosystems and Dev Eed 10 Int Conf on Biosci and Bioinformatics Icbb 10			0	0	0	0	0
7438	2010	Environmental monitoring based on sensor networks and artificial intelligence		International Conference on Development Energy Environment Economics Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7439	2010	Vaporization thermal power assurance for vertical closed-loop ground-coupled heat pump systems		6th Wseas Int Conf on Cellular and Molecular Biology Biophys and Bioeng Bio 10 8th Wseas Int Conf on Environ Ecosystems and Dev Eed 10 Int Conf on Biosci and Bioinformatics Icbb 10			0	1	0	0	0		
7440	2010	Particle hemodynamics analysis after coronary angioplasty		Wce 2010 World Congress on Engineering 2010	1		0	0	0	0	0		
7441	2010	Magnetic fluid as cooling and insulation medium for high power transformers		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	1	1	0	0		
7442	2010	Retrofitting of two-way RC slabs with and without cut-out openings by using FRP composite materials		International Conference on Engineering Mechanics Structures Engineering Geology International Conference on Geography and Geology Proceedings			0	0	1	0	1		
7443	2010	A geometric approach of some dynamics arising from engineering and biology		International Conference on Mathematical Methods and Computational Techniques in Electrical Engineering Proceedings			0	0	0	0	0		
7444	2010	Initial imperfection influences on the structural behavior of steel portal frames with variable cross sections and some sustainability considerations - Case study		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		
7445	2010	Detuned filters for power factor correction of adjustable speed drices		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		
7446	2010	The influence of wind speed variation on maximum power of a wind turbine system		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7447	2010	Single-phase two stator windings induction and permanent magnet synchronous generators		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0
7448	2010	Improved p-Delta learning algorithm		International Conference on Systems Proceedings	1		0	0	0	0	0
7449	2010	Prioritizing digital competences in the engineering students' foreign language curriculum		International Conference on Engineering Education and International Conference on Education and Educational Technologies Proceedings			0	0	0	0	0
7450	2010	Elaborated motion detector based on Hassenstein-Reichardt correlator model		International Conference on Systems Proceedings	1		0	0	0	0	3
7451	2010	Data acquisition system for a vertical axis wind turbine prototype		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	1	0	0	0
7452	2010	Advanced system for the control of work regime of railway electric drive equipment		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0
7453	2010	Research and studies of land information system in some European countries - Efficient tool to understand and manage urban development in Romania		International Conference on Urban Planning and Transportation Proceedings			0	0	0	0	0
7454	2010	Obtaining of high performance WC-CoCr cermet coatings. Alternative ecological spraying methods at reduced power levels		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7455	2010	Contributions to optimization of properties for components fabricated by mean of selective laser sintering from composed materials		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		
7456	2010	The impact of the mining activities over the environment		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		
7457	2010	Technological solutions to reduce energy consumption by obtaining of advanced brazing alloys		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	1	0	0	1		
7458	2010	Bulk amorphous metal products - Technological solutions for obtaining of miniaturized components		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		
7459	2010	Rapid prototyping for a microinjection molding die		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		
7460	2010	Geoinformation support - Impact on urban planning, environment and society		International Conference on Urban Planning and Transportation Proceedings			0	0	0	0	0		
7461	2010	A new rotational speed sensor interface circuit with improved EMC immunity		International Conference on Circuits Proceedings			0	0	0	0	0		
7462	2010	Considerations concerning the effects of rubberized asphalt on decreasing the phonic pollution in urban encironment		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7463	2010	Mill speed control using programmable logic controllers		International Conference on Mathematical Methods and Computational Techniques in Electrical Engineering Proceedings			0	1	0	0	0		
7464	2010	Speech and speaker recognition for the command of an industrial robot		International Conference on Mathematical Methods and Computational Techniques in Electrical Engineering Proceedings			0	0	0	0	0		
7465	2010	MEGACO correlation method		International Conference on Communications Proceedings			0	0	0	0	0		
7466	2010	A new approach for carbon monoxide measurement using virtual instrumentation		Sel Topics in Energy Environ Sustainable Dev and Landscaping 6th Wseas Int Conf on Energy Environ Ecosystems and Sustainable Dev Eeesd 10 3rd Wseas Int Conf on Landsc Archit La 10			0	0	0	0	0		
7467	2010	Porous metallic surfaces for enhanced boiling heat transfer	15822214	Metalurgia International	15	12	0	0	0	0	0		
7468	2010	A pedestrian navigation system for car Locating	14548658	Control Engineering and Applied Informatics	12	1	0	0	0	0	0		
7469	2010	Increasing reliability of web services	14548658	Control Engineering and Applied Informatics	12	4	1	0	0	0	0		
7470	2010	Effects of the biasing network in a Parallel Plate waveguide periodic unit cell featuring switched Electromagnetic Band Gap		Asia Pacific Microwave Conference Proceedings APMC			0	0	0	0	0		
7471	2010	Evaluation of the aromatic character of Î»3-heterobenzenes using the magnetic criterion	12247154	Studia Universitatis Babes Bolyai Chemia		4	0	0	0	0	0		
7472	2010	Preface to the "Mathematical Optimization in Modern Medicine" Symposium	0094243X	Aip Conference Proceedings	1281		0	0	0	0	0		
7473	2010	On a wold-slocinski's type decomposition of a pair of commuting semigroups of isometries	0094243X	Aip Conference Proceedings	1281		0	0	2	0	0		
7474	2010	Power boundedness techniques with applications to cardiovascular domain	0094243X	Aip Conference Proceedings	1281		0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7475	2010	A computational method for an truncated modeling of the normal distribution	0094243X	Aip Conference Proceedings	1281		0	0	0	0	0		
7476	2010	Multi-binary turbo-code design based on convergence of iterative turbo-decoding process		Proceedings of Papers 5th European Conference on Circuits and Systems for Communications Eccsc 10			0	0	0	0	0		
7477	2010	An asymptotic statistical analysis of the Hyperanalytic Wavelet Transform		Proceedings of Papers 5th European Conference on Circuits and Systems for Communications Eccsc 10			0	0	0	0	0		
7478	2010	A Maximum a Posteriori approach of hyperanalytic wavelet based image denoising in a multi-wavelet context		9th Wseas International Conference on Signal Processing Sip 10			0	0	0	0	0		
7479	2010	Vulnerability assessment of R/C buildings for earthquake insurance purposes		Proceedings of the International Conference on Risk Management Assessment and Mitigation Rima 10			0	0	0	0	0		
7480	2010	On an Optimal Parametric Iteration Method for thin film flow		Proceedings of the 4th European Computing Conference Ecc 10			0	0	0	0	0		
7481	2010	Risks influences on the built environment		Proceedings of the International Conference on Risk Management Assessment and Mitigation Rima 10			0	1	0	0	0		
7482	2010	Calibration of a FE model of masonry shear panels strengthened by metal sheathing		Proceedings of the 3rd Wseas International Conference on Finite Differences Finite Elements Finite Volumes Boundary Elements F and B 10			0	0	0	0	1		
7483	2010	Risks and promises of an European building quality evaluation grid		Proceedings of the International Conference on Risk Management Assessment and Mitigation Rima 10			0	0	0	0	0		
7484	2010	Complex risk mangement strategies during restauration and reconversion at an XVIIIth century building complex in Timisoara		Proceedings of the International Conference on Risk Management Assessment and Mitigation Rima 10			0	0	0	0	0		
7485	2010	Analysis of fatigue fracture of tank wagon railway axles		Proceedings of the 3rd Wseas International Conference on Finite Differences Finite Elements Finite Volumes Boundary Elements F and B 10			0	1	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7486	2010	Analysis of a suspension crossing for a pipeline using finite element method. Influence of elasticity modulus		Proceedings of the 3rd Wseas International Conference on Finite Differences Finite Elements Finite Volumes Boundary Elements F and B 10			0	0	0	0	0		
7487	2010	The analysis of a mathematical model associated to an economic growth process exposed to a risk factor		Proceedings of the International Conference on Risk Management Assessment and Mitigation Rima 10			0	0	0	0	0		
7488	2010	Seismic management and damage prevention of religious buildings situated in seismic areas		Proceedings of the International Conference on Risk Management Assessment and Mitigation Rima 10			0	0	0	0	0		
7489	2010	Energy saving with rehabilitation solutions for existing structures		4th Wseas International Conference on Energy Planning Energy Saving Environmental Education Epese 10 4th Wseas International Conference on Renewable Energy Sources Res 10			0	0	0	0	0		
7490	2010	Waste materials used for building construction		4th Wseas International Conference on Energy Planning Energy Saving Environmental Education Epese 10 4th Wseas International Conference on Renewable Energy Sources Res 10			0	0	0	0	0		
7491	2010	Hierarchical lighting control in urban environments based on wireless sensor-actuator networks		6th Wseas International Conference on Dynamical Systems and Control Control 10			0	0	0	0	0		
7492	2010	Self compacting concrete as a friendly environmental material		4th Wseas International Conference on Energy Planning Energy Saving Environmental Education Epese 10 4th Wseas International Conference on Renewable Energy Sources Res 10			0	0	1	0	0		
7493	2010	Comparison of RFID protocols on harmful points that threaten the security and privacy of RFID structures		12th Wseas International Conference on Mathematical Methods Computational Techniques and Intelligent Systems Mamectis 10			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7494	2010	Energy efficiency of low temperature central heating systems		4th Wseas International Conference on Energy Planning Energy Saving Environmental Education Epese 10 4th Wseas International Conference on Renewable Energy Sources Res 10			0	1	0	0	0		
7495	2010	Clean technology from waste management		4th Wseas International Conference on Waste Management Water Pollution Air Pollution Indoor Climate Wwai 10			0	3	0	0	1		
7496	2010	Upgrading of a heating plant for energy savings		4th Wseas International Conference on Energy Planning Energy Saving Environmental Education Epese 10 4th Wseas International Conference on Renewable Energy Sources Res 10			0	0	0	0	0		
7497	2010	Fault detection and diagnosis of distributed parameter systems based on sensor networks and Bayesian networks		6th Wseas International Conference on Dynamical Systems and Control Control 10			0	0	0	0	0		
7498	2010	Sustainability of buildings		4th Wseas International Conference on Energy Planning Energy Saving Environmental Education Epese 10 4th Wseas International Conference on Renewable Energy Sources Res 10			1	0	0	0	0		
7499	2010	Interpolative frequency characteristics generators for the Vestibular Nucleus activity		Proceedings of the International Multiconference of Engineers and Computer Scientists 2010 Imecs 2010			0	0	0	0	0		
7500	2010	AES performance analysis on several programming environments, operating systems or computational platforms		Proceedings 5th International Conference on Systems and Networks Communications Icsnc 2010			1	0	0	0	0		
7501	2010	Tracing learning through spectrum of conversations a microblogging approach to students' learning and research experience	18770428	Procedia Social and Behavioral Sciences	9		0	0	0	0	0		
7502	2010	Tensor Product-based real-time control of the liquid levels in a three tank system		IEEE ASME International Conference on Advanced Intelligent Mechatronics AIM			2	1	1	0	1		
7503	2010	Stable and optimal fuzzy control of a laboratory Antilock Braking System		IEEE ASME International Conference on Advanced Intelligent Mechatronics AIM			1	0	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7504	2010	Modeling and simulation of a soft-starter for a 2 MW wind turbine generators		Epec 2010 IEEE Electrical Power and Energy Conference Sustainable Energy for an Intelligent Grid			0	0	0	1	0
7505	2010	Readiness of the ATLAS liquid argon calorimeter for LHC collisions	14346044	European Physical Journal C	70	3	3	2	2	1	6
7506	2010	The ATLAS Inner Detector commissioning and calibration	14346044	European Physical Journal C	70	3	2	4	2	2	5
7507	2010	Commissioning of the ATLAS Muon Spectrometer with cosmic rays	14346044	European Physical Journal C	70	3	1	1	1	1	1
7508	2010	First generation current conveyor macromodel		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	1	0	1	0
7509	2010	Electrical power network disturbance detection and monitoring system		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0
7510	2010	Digital control for switched mode DC-DC buck converters		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	1	0	0
7511	2010	Control of single phase inverters for wind energy conversion using PWM techniques		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	1
7512	2010	Using PEG-LDPC codes for object identification		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0
7513	2010	Target detection algorithm validation in WSN		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0
7514	2010	A second order statistical analysis of the hyperanalytic wavelet transform		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0
7515	2010	Parallel turbo-TCM schemes using recursive convolutional GF(2N) encoders over frequency non-selective fading channel		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7516	2010	The ESPRIT algorithm. Variants and precision		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	1	1	1	0		
7517	2010	Taking steps in understanding multipath propagation in fluid filled pipelines		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	1	0		
7518	2010	Parallel model for spiking neural networks using MATLAB		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0		
7519	2010	Vertical distribution of the RF signal inside a building, illuminated by a 3G mobile network base-station		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0		
7520	2010	Long-range dependence in WiMAX traffic. A preliminary analysis		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0		
7521	2010	WiMAX versus LTE - An overview of technical aspects for next generation networks technologies		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			1	2	0	0	0		
7522	2010	A frequency domain method for speech separation in a reverberant room		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	0	0	0		
7523	2010	Direction - Of - Arrival estimation for uniform sensor arrays		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	3	0	2	0		
7524	2010	Hardware implementation of a PIC18F448 based TIM for IEEE1451.2 compliant actuator control		2010 9th International Symposium on Electronics and Telecommunications Isetc 10 Conference Proceedings			0	0	1	0	0		
7525	2010	Synthesis and characterization of magnetically controllable nanostructures using different polymers	0094243X	Aip Conference Proceedings	1311		0	0	0	0	0		
7526	2010	Clustering in water based magnetic nanofluids: Investigations by light scattering methods	0094243X	Aip Conference Proceedings	1311		1	1	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7527	2010	Research regarding the reduction of nitrate concentration in wastewater discarded by the beer industry in the timis hydrological area	13115065	Journal of Environmental Protection and Ecology	11	4	0	0	0	0	1
7528	2010	Decrease of urban pollution by increasing the mobilityand accesibility to the participants in the road traffic	13115065	Journal of Environmental Protection and Ecology	11	4	0	0	0	0	1
7529	2010	Optimization of a boost switching-mode power supply using electro-thermal modeling and simulation		2010 IEEE 16th International Symposium for Design and Technology of Electronics Packages Siitme 2010			0	0	0	0	0
7530	2010	Novel, four-switch, z-source three-phase inverter		IECON Proceedings Industrial Electronics Conference			1	2	0	0	0
7531	2010	An educational tool for crosstalk animations		2010 IEEE 16th International Symposium for Design and Technology of Electronics Packages Siitme 2010			0	0	0	0	0
7532	2010	Improved state observers for sensorless single phase BLDC-PM motor drives		IECON Proceedings Industrial Electronics Conference			1	2	3	1	1
7533	2010	Towards modeling large scale project execution monitoring: Project status model		Icsoft 2010 Proceedings of the 5th International Conference on Software and Data Technologies	1		0	0	0	0	0
7534	2010	UML support for optimizing the goals of distributed control in traffic management applications		Rose 2010 2010 IEEE International Workshop on Robotic and Sensors Environments Proceedings			0	0	0	0	0
7535	2010	Reinforcement assessment of welded frames for metallic structures		Proceedings of the 3rd Wseas International Conference on Finite Differences Finite Elements Finite Volumes Boundary Elements F and B 10			0	0	0	0	0
7536	2010	Correcting odometry errors for mobile robots using image processing		Proceedings of the International Multiconference of Engineers and Computer Scientists 2010 Imecs 2010			0	0	0	0	0
7537	2010	Strengthening of steel frame connection and finite element analysis results		Proceedings of the 3rd Wseas International Conference on Finite Differences Finite Elements Finite Volumes Boundary Elements F and B 10			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7538	2010	Control solutions for vehicles with continuously variable transmission		11th IEEE International Symposium on Computational Intelligence and Informatics Cinti 2010 Proceedings			0	0	0	0	0		
7539	2010	Tuning of 2-DOF fuzzy PI(D) controllers. Laboratory applications		11th IEEE International Symposium on Computational Intelligence and Informatics Cinti 2010 Proceedings			0	0	0	0	0		
7540	2010	Power systems reliability evaluation using probabilistic load flows methods		Proceedings of the Universities Power Engineering Conference			0	1	2	0	0		
7541	2010	A few aspects concerning a new varistor material for low and medium voltage surge arresters		Proceedings of the Universities Power Engineering Conference			0	0	0	0	0		
7542	2010	Probabilistic approach for reference regimes development for expert systems on electrical distribution network diagnosis		Proceedings of the Universities Power Engineering Conference			0	0	0	0	0		
7543	2010	Technical solution to alert the working staff to the dangerous values of the currents induced in the conductors of the disconnected circuit of a double circuit overhead power line		Proceedings of the Universities Power Engineering Conference			0	0	0	0	0		
7544	2010	Congestion management using open power market environment electricity trading		Proceedings of the Universities Power Engineering Conference			0	0	1	2	0		
7545	2010	VLSI universal signal conditioning circuit for electrochemical and bioluminescent sensors		2010 IEEE 26th Convention of Electrical and Electronics Engineers in Israel IeeeI 2010			1	0	0	0	1		
7546	2010	Decolorizing images for robust matching	15224880	Proceedings International Conference on Image Processing Icip			0	0	0	1	3		
7547	2010	Effective single image dehazing by fusion	15224880	Proceedings International Conference on Image Processing Icip			15	16	16	14	5		
7548	2010	Influence of the lattice structures on the mechanical behavior of hip endoprotheses		Proceedings 2nd Advanced Technologies for Enhanced Quality of Life Atequal 2010			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7549	2010	Qualification and certification of research-entrepreneur skills using the ECQA platform	18650929	Communications in Computer and Information Science	110 CCIS	PART 2	0	0	0	0	0
7550	2010	Professional risk assessment using virtual enterprise network support for knowledge bases development	18650929	Communications in Computer and Information Science	110 CCIS	PART 2	0	0	0	0	0
7551	2010	Analysis of sensors for vibration and nip forces monitoring of rubber coated rollers	16609336	Applied Mechanics and Materials	24-25		1	0	0	0	0
7552	2010	Explicit analytical approximation to large-amplitude non-linear oscillations of a uniform cantilever beam carrying an intermediate lumped mass and rotary inertia	256455	Meccanica	45	6	6	3	1	4	7
7553	2010	Automatic survey processing using a MLP neural net		10th Symposium on Neural Network Applications in Electrical Engineering Neurel 2010 Proceedings			0	0	1	0	1
7554	2010	Durability evaluation of complete dentures realized with eclipse prosthetic resin system	255289	Materiale Plastice	47	4	1	0	0	1	0
7555	2010	Change of polyethylene pipe wall thickness after squeezing using squeeze off-tool	255289	Materiale Plastice	47	4	1	0	0	0	1
7556	2010	Chromium(VI) ion removal from aqueous solutions using a Zn-Al-type layered double hydroxide	2636174	Adsorption Science and Technology	28	3	0	3	2	0	0
7557	2010	Non-linear behaviour of foams under static and impact three point bending	207462	International Journal of Non Linear Mechanics	45	10	1	0	1	0	5
7558	2010	Experiments on ESIP-Environment oriented satellite data processing platform	18650473	Earth Science Informatics	3	4	2	0	0	0	0
7559	2010	Assessment and mitigation procedures for historical buildings situated in seismic areas		Proceedings of the International Conference on Risk Management Assessment and Mitigation Rima 10			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7560	2010	Solar cell parameter identification using genetic algorithms	14548658	Control Engineering and Applied Informatics	12	1	0	1	0	2	2
7561	2010	Work directions and new results in electronic travel aids for blind and visually impaired people		International Conference on Systems Proceedings	1		0	0	1	0	0
7562	2010	Improved head related transfer function generation and testing for acoustic virtual reality development		International Conference on Systems Proceedings	1		0	0	0	0	0
7563	2010	Multi-subject head related transfer function generation using artificial neural networks		International Conference on Systems Proceedings	1		1	0	0	0	0
7564	2010	Optimal conditions for the control problem associated to a Ramsey model with endogenous population		Proc of the 11th Wseas Int Conf on Mathematics and Computers in Business and Economics Mcbe 10 Proc of the 11th Wseas Int Conf on Mathematics and Computers in Biology and Chemistry Mcbc 10			0	0	0	0	0
7565	2010	Fuzzy logic-based stabilization of a magnetic ball suspension system	9740635	International Journal of Artificial Intelligence	5	#####	0	0	0	0	0
7566	2010	Blind separation of speech using cochlear filtering		2010 International Conference on Applied Electronics Ae 2010			0	0	0	0	0
7567	2010	Stability analysis of a class of MIMO fuzzy control systems		2010 IEEE World Congress on Computational Intelligence Wcci 2010			0	0	0	0	0
7568	2010	Microscopic analyses of welding defects in RPD technology	15835251	Timisoara Medical Journal	60	1	0	0	0	0	0
7569	2010	Mechanical design and system control of quadruped robot	13921207	Mechanika	85	5	0	0	0	0	0
7570	2010	Simultaneous electrochemical determination of nitrate and nitrite in aqueous solution using Ag-doped zeolite-expanded graphite-epoxy electrode	399140	Talanta	83	1	6	7	6	6	7
7571	2010	Adaptive vs. self-adaptive parameters for evolving quantum circuits	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	6274 LNCS		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7572	2010	Inter-university co-operation by using ViCaDiS virtual campus		Proceedings 10th IEEE International Conference on Advanced Learning Technologies IcaIt 2010			1	0	0	0	0
7573	2010	Modern control solutions with applications in mechatronic systems	1860949X	Studies in Computational Intelligence	313		0	0	0	0	1
7574	2010	New principles and adequate robust control methods for artificial Pancreas	1860949X	Studies in Computational Intelligence	313		0	1	0	1	0
7575	2010	Thermal behaviour of active compounds versus pharmaceutical compounds for some benzodiazepines	353930	Revue Roumaine De Chimie	55	11-Dec	0	0	0	1	0
7576	2010	Preparation and characterisation of inclusion complexes of meloxicam and Î±-cyclodextrin and Î²-cyclodextrin	148237	Farmacia	58	5	3	4	0	2	3
7577	2010	Generic rules for logic representation transformations		2010 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2010 Proceedings	3		0	0	0	0	0
7578	2010	Integration of PV modules in existing Romanian buildings		2010 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2010 Proceedings	3		0	1	0	0	0
7579	2010	A logic based approach to locate composite refactoring opportunities in object-oriented code		2010 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2010 Proceedings	3		1	0	0	0	0
7580	2010	PARSECS: A predictable data communication system for smart sensors and hard real-time applications	189456	IEEE Transactions on Instrumentation and Measurement	59	11	1	0	0	0	1
7581	2010	The viscous dissipation effect on heat transfer and fluid flow in micro-tubes	7351933	International Communications in Heat and Mass Transfer	37	9	0	0	0	0	1
7582	2010	Study of cold start air-fuel mixture parameters for spark ignition engines fueled with gasoline-isobutanol blends	7351933	International Communications in Heat and Mass Transfer	37	9	1	0	3	0	1
7583	2010	Tolerance design in the PLM environment - An expert system approach		Sofa 2010 4th International Workshop on Soft Computing Applications Proceedings			0	0	0	0	0
7584	2010	Computer assisted medical image interpretation using fuzzy logic		Sofa 2010 4th International Workshop on Soft Computing Applications Proceedings			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7585	2010	Arificial intelligence in machine tools design based on genetic algorithms application		Sofa 2010 4th International Workshop on Soft Computing Applications Proceedings			0	0	0	0	0	
7586	2010	Efficient fuzzy search enabled hash map		Sofa 2010 4th International Workshop on Soft Computing Applications Proceedings			0	0	0	0	0	
7587	2010	Generating medical computer-based protocols using standardized data transmission		Sofa 2010 4th International Workshop on Soft Computing Applications Proceedings			0	0	0	1	0	
7588	2010	Custom high dynamic range characteristics developed by fuzzy interpolative methodology		Sofa 2010 4th International Workshop on Soft Computing Applications Proceedings			0	0	0	0	0	
7589	2010	Maximum power point determination for a photovoltaic panel using a Simulink model		Sofa 2010 4th International Workshop on Soft Computing Applications Proceedings			0	0	0	0	1	
7590	2010	Air pollution reduction using digital optimisation of burning in combustion heaters	13115065	Journal of Environmental Protection and Ecology	11	3	0	0	1	0	0	
7591	2010	Evaluation of fish shoal inspired movement in collaborative robotic environments		2010 IEEE International Instrumentation and Measurement Technology Conference I2mtc 2010 Proceedings			0	1	0	0	3	
7592	2010	Estimation of the Effective Number of Bits of ADCs using the Interpolated DFT method		2010 IEEE International Instrumentation and Measurement Technology Conference I2mtc 2010 Proceedings			1	1	1	0	0	
7593	2010	Developing a common framework for foreign language teaching in Romanian technical universities	18770428	Procedia Social and Behavioral Sciences	2	2	0	0	0	0	0	
7594	2010	Purine metabolism dyshomeostasis and the heterogenous nucleation of uroconcrements note I. alkaline and alkaline-earth metals in purine urolithiasis	12247154	Studia Universitatis Babes Bolyai Chemia	2	1	0	0	0	0	0	
7595	2010	A continuous-time dynamical model for the vestibular nucleus	16800737	Ifmbe Proceedings	29		0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7596	2010	Solid state structure of a new nickel(II) (3H-2-thioxo-1,3,4-thiadiazol-2-yl) thioacetato complex	12247154	Studia Universitatis Babes Bolyai Chemia	2	2	0	0	0	0	0	
7597	2010	Logical fault modeling of source drain short defects for CMOS reversible circuits		Proceedings of the 17th International Conference Mixed Design of Integrated Circuits and Systems Mixdes 2010			0	0	0	0	0	
7598	2010	Optimization of water distribution networks	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	11	4	3	1	0	0	0	
7599	2010	Air-fuel h - X diagram for gasoline-Isobutanol blends	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	11	4	1	1	2	0	0	
7600	2010	Three-dimensional numerical simulation of the reciprocating flow in a branching tube network	9477411	Heat and Mass Transfer Waerme Und Stoffuebertragung	46	08-Sep	0	0	0	0	0	
7601	2010	A bayesian approach of wavelet based image denoising in a hyperanalytic multi-wavelet context	17905022	Wseas Transactions on Signal Processing	6	4	0	0	0	0	0	
7602	2010	Behaviour of multi-span cold-formed Z-purlins with bolted lapped connections	2638231	Thin Walled Structures	48	10-Nov	3	1	0	2	0	
7603	2010	Work directions and new results in electronic travel aids for blind and visually impaired people	11092777	Wseas Transactions on Systems	9	10	0	1	0	2	1	
7604	2010	Actuation in shape memory layer engineered film based architectures	2670844	Surface Engineering	26	7	1	0	0	0	0	
7605	2010	Hexavalent chromium reduction with scrap iron in continuous-flow system. Part 2: Effect of scrap iron shape and size	3043894	Journal of Hazardous Materials	182	01-Mar	0	2	5	2	2	
7606	2010	Flow behaviour of extremely bidisperse magnetizable fluids	3048853	Journal of Magnetism and Magnetic Materials	322	20	6	3	6	4	3	
7607	2010	Approximating incompatible von Neumann measurements simultaneously	10502947	Physical Review A Atomic Molecular and Optical Physics	82	3	0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7608	2010	EDK implemented temperature controller		Isse 2010 33rd International Spring Seminar on Electronics Technology Polymer Electronics and Nanotechnologies Towards System Integration Conference Proceedings			0	0	0	0	0		
7609	2010	A demystifying study of thermal relief pads: Tradeoff between manufacturing and cooling		Isse 2010 33rd International Spring Seminar on Electronics Technology Polymer Electronics and Nanotechnologies Towards System Integration Conference Proceedings			0	0	0	0	0		
7610	2010	Code parallelization for wind speed model generator		Isse 2010 33rd International Spring Seminar on Electronics Technology Polymer Electronics and Nanotechnologies Towards System Integration Conference Proceedings			1	0	0	0	0		
7611	2010	An educational tool for transmission lines animations		Isse 2010 33rd International Spring Seminar on Electronics Technology Polymer Electronics and Nanotechnologies Towards System Integration Conference Proceedings			0	0	0	0	0		
7612	2010	Enhancement sensorless control system for PMSM drives using square-wave signal injection		Speedam 2010 International Symposium on Power Electronics Electrical Drives Automation and Motion			1	1	0	0	0		
7613	2010	Upon phoneme synthesis based on dynamic semantic modeling		2nd International Conference on Software Engineering and Data Mining Sedm 2010			0	0	0	0	0		
7614	2010	Bioactive microparticles (10): Thermal and oxidative stability of nicotine and its complex with Î²-cyclodextrin	9230750	Journal of Inclusion Phenomena and Macrocyclic Chemistry	68	1	0	2	0	0	2		
7615	2010	Teaching Java through different courses - Multi-country experiences		ACM International Conference Proceeding Series	471		0	0	0	0	0		
7616	2010	Patrools: Visualizing the polymorphic usage of class hierarchies		IEEE International Conference on Program Comprehension			2	0	0	0	0		
7617	2010	Thermal stability of ibuprofen. kinetic study under non-isothermal conditions	353930	Revue Roumaine De Chimie	55	9	2	0	1	2	4		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7618	2010	The fracture of polyurethane materials in the presence of stress concentrators	255289	Materiale Plastice	47	3	0	0	0	0	0
7619	2010	Synthesis and characterization of new glycopolymers based on monosaccharides and maleic anhydride II. Mannose derivatives	255289	Materiale Plastice	47	3	1	1	0	1	0
7620	2010	IMM-UKF versus frequency analysis	19324529	IEEE Industrial Electronics Magazine	4	3	0	0	0	0	0
7621	2010	Spectral techniques for solving PDE stability model of vortex rope	11092769	Wseas Transactions on Mathematics	9	9	0	0	0	0	0
7622	2010	New unsymmetrical complex diesters of adipic acid considered as tribological fluids	9540075	Lubrication Science	22	8	0	0	0	0	0
7623	2010	Modeling of a vehicle with continuously variable transmission		19th International Workshop on Robotics in Alpe Adria Danube Region Raad 2010 Proceedings			0	0	0	0	0
7624	2010	Wireless synchronization protocols for collaborative robotic and sensor environments		19th International Workshop on Robotics in Alpe Adria Danube Region Raad 2010 Proceedings			0	0	0	0	0
7625	2010	Practical aspects of undergraduate education in robotics		19th International Workshop on Robotics in Alpe Adria Danube Region Raad 2010 Proceedings			0	0	0	0	0
7626	2010	Properties of classes, subclasses and objects in an abstraction model		19th International Workshop on Robotics in Alpe Adria Danube Region Raad 2010 Proceedings			1	0	0	0	0
7627	2010	Robotized welding of large one-dimensional structures		19th International Workshop on Robotics in Alpe Adria Danube Region Raad 2010 Proceedings			0	0	0	0	0
7628	2010	The use of Microsoft Access to express solutions concentration		Iceetc 2010 2010 2nd International Conference on Education Technology and Computer	2		0	0	0	0	0
7629	2010	Uniform exponential dichotomy of stochastic cocycles	3044149	Stochastic Processes and their Applications	120	10	2	1	0	0	5
7630	2010	Hybrid silica-porphyrin materials with tailored pore sizes	255408	Materials Research Bulletin	45	9	3	1	1	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7631	2010	Numerical modelling of membrane action of composite slabs in fire situation		Structures in Fire Proceedings of the Sixth International Conference Sif 10			0	0	0	0	0		
7632	2010	Comparing the performance of duo-binary turbo codes on Rayleigh channel	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
7633	2010	Analytical-numerical approach for levitation force calculation of a cylindrical bearing with permanent magnets used in an electric meter	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
7634	2010	Motion sensorless control of BLDC PM motor with offline FEM info assisted state observer	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	1	2	0	0		
7635	2010	A low voltage sensorless switched reluctance motor drive using flux linkage method	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			3	0	2	0	0		
7636	2010	A new conversion and control system for a small off - Grid wind turbine	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	1	0	0	1		
7637	2010	New low cost structure for dual axis mount solar tracking system using adaptive solar sensor	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			2	0	3	3	3		
7638	2010	A novel, ferrofluid-cooled transformer. Electromagnetic field and heat transfer by numerical simulation	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	1	3	1	2		
7639	2010	Optimum current command algorithm for wide speed range and four quadrant operation of PMSMS drive without regenerative unit	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
7640	2010	Electrocardiogram baseline wander removal using stationary wavelet approximations	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	2	0	2	0		
7641	2010	Interleaved 3 phase DC/DC converter for automotive applications	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7642	2010	Switched reluctance motor analytical models, comparative analysis	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
7643	2010	Torque optimization algorithm for SRM drives using a robust predictive strategy	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	1	0	0	0		
7644	2010	Noncoherent demodulation of continuous phase modulated signals using extended Kalman filtering	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			2	0	0	0	1		
7645	2010	Boiler-turbine simulator with real-time capability for dispatcher training using LabView	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
7646	2010	Determining start time for three-phase cage induction motors that drive belt transport conveyers	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			2	0	0	1	0		
7647	2010	A class of fast dynamics V/f sensorless AC general drives with PM-RSM as a case study	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	0	0	2		
7648	2010	New balancing equipment for mass production of small and medium-sized electrical machines	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
7649	2010	A novel initial rotor-position estimation method for BLDC motors based on four voltage pulses	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	0	0	0		
7650	2010	I-f starting and active flux based sensorless vector control of reluctance synchronous motors, with experiments	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	2	2	2		
7651	2010	Novel motion sensorless control of single phase brushless d.c. PM motor drive, with experiments	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	1	1	0	0		
7652	2010	Position sensorless control of a linear interior permanent magnet oscillatory machine, with experiments	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			1	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7653	2010	Selective detection of simple grounding faults in medium voltage power networks with resonant earthed neutral system	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	1	0	0	0		
7654	2010	Real network traffic anomaly detection based on analytical discrete wavelet transform	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	1	1		
7655	2010	Induction motor electromagnetic design optimization: Hooke Jeeves method versus genetic algorithms	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	1	3	0	1		
7656	2010	Comparison of wavelet families with application to WiMAX traffic forecasting	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			6	4	6	1	5		
7657	2010	Sensorless control of a BLDC PM motor based on I-f starting and Back-EMF zero-crossing detection	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			3	1	0	0	4		
7658	2010	An analysis on the optimal fields number of the plate-type electrostatic precipitators used in a thermoelectric power plant	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	2	0		
7659	2010	PM-RSM sensorless vector control: Zero q-axis flux versus approximate maximum torque per current, with experiments	18420133	Proceedings of the International Conference on Optimisation of Electrical and Electronic Equipment Optim			0	0	0	0	0		
7660	2010	Model-based fuzzy control solutions for a laboratory Antilock Braking System		3rd International Conference on Human System Interaction Hsi 2010 Conference Proceedings			1	0	0	0	0		
7661	2010	Car finding with a pedestrian navigation system		3rd International Conference on Human System Interaction Hsi 2010 Conference Proceedings			0	0	0	0	0		
7662	2010	Designing convolutional codes used in multi-binary turbo codes		2010 8th International Conference on Communications Comm 2010			0	0	0	0	0		
7663	2010	Magnetic Levitation System laboratory-based education in control engineering		3rd International Conference on Human System Interaction Hsi 2010 Conference Proceedings			0	1	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7664	2010	Dynamic OCDMA coding for indoor wireless optical communications		2010 8th International Conference on Communications Comm 2010			0	0	0	0	0	
7665	2010	Design-charts for grounded, elliptically shaped microstrip periodic surface featuring electromagnetic band-gap		2010 8th International Conference on Communications Comm 2010			0	0	0	0	0	
7666	2010	Indoor wireless optical communications		2010 8th International Conference on Communications Comm 2010			0	0	0	0	1	
7667	2010	Kalman noncoherent detection of CPFSK signals		2010 8th International Conference on Communications Comm 2010			0	0	0	0	0	
7668	2010	Anomaly detection of network traffic based on analytical discrete wavelet transform		2010 8th International Conference on Communications Comm 2010			3	0	2	2	0	
7669	2010	The majority principle in TDOA estimation		2010 8th International Conference on Communications Comm 2010			1	0	1	0	1	
7670	2010	Analytical and numerical solutions to an electrohydrodynamic stability problem	963003	Applied Mathematics and Computation	216	12	0	0	0	1	0	
7671	2010	A formal approach for automated reasoning about off-line and undetectable on-line guessing	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	6052 LNCS		0	0	0	0	0	
7672	2010	Parametric study of a unit cell with elliptical patch for periodic structures with variable number of grounding vias		Eucap 2010 the 4th European Conference on Antennas and Propagation			0	0	1	0	0	
7673	2010	Evaluation of DES, 3 DES and AES on windows and unix platforms		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0	
7674	2010	Modeling and simulation of wireless sensor networks for event detection		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0	
7675	2010	Data compression of power quality disturbances using wavelet transform and spline interpolation method		2010 9th Conference on Environment and Electrical Engineering Eeeic 2010			0	1	3	1	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7676	2010	Control system for catenary-pantograph dynamic interaction force		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	1	1	0	1		
7677	2010	Automatic putamen detection on DTI images. Application to Parkinson's disease		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	0	0	0	0		
7678	2010	Substation ancillary services fuel cell power supply. Part 2. case study		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	0	1	0	0		
7679	2010	Power efficiency analysis of multimedia secured mobile applications		Iwcmc 2010 Proceedings of the 6th International Wireless Communications and Mobile Computing Conference			0	0	0	0	0		
7680	2010	The dual induction generator for renewable energy conversion systems. Experimental results, problems and solutions		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		
7681	2010	A computer simulation study of cell seeding of a porous biomaterial		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		
7682	2010	Conventional vs. alternative energy sources overview Part III. perspectives in Romania		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		
7683	2010	A glance on WSN lifetime and relevant factors for energy consumption		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			2	1	0	0	1		
7684	2010	On functioning of the electric wind system at its maximum power		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	1	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7685	2010	Haptic devices in engineering and medicine		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	1	1	0	0		
7686	2010	Spatial representation and reasoning in breast cancer grading ontology		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	0	0	0	0		
7687	2010	Modeling and control aspects of long distance telesurgical applications		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		
7688	2010	Substation ancillary services fuel cell power supply. Part 1. solution overview		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			2	1	0	0	0		
7689	2010	Interoperability solution for an EMR system applied in a cardiology department supported by mobile communication		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	1		
7690	2010	VoIP communication QoS analysis system		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		
7691	2010	On permanent-magnet synchronous generator current harmonics, due to rectifier at the generator end of the variable speed generator sets converter systems		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		
7692	2010	NDSP: A platform for audiophile software audio processing		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7693	2010	Towards programs logic based representation driven by grammar and conforming to a metamodel		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7694	2010	Proving the efficiency of DTF method in a local area network		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7695	2010	A new method in automatic generation of medical protocols using artificial intelligence tools and a data manager		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	0	0	1	0
7696	2010	Using constant traffic to specific IP destinations for detecting spoofed MAC addresses in local area networks		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7697	2010	Steganography on new generation of mobile phones with image and video processing abilities		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			2	3	1	1	0
7698	2010	Performance improvements of video WSN surveillance in case of traffic congestions		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	0	0	0	0
7699	2010	Conventional vs. alternative energy sources overview part II. European strategies		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			2	0	0	0	1
7700	2010	Fault detection methods for wireless sensor networks using neural networks		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	1	0	1	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7701	2010	Improved leak detection quality by automatic signal filtering		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7702	2010	A solution for integrating sensors and mobile devices		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7703	2010	On-line tuning procedure of a recursive parameter estimator used for a synchronous generator adaptive control		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7704	2010	Accuracy of arbitrary subdomain reconstruction inside finite element simulations		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7705	2010	Modeling and simulation of a soft-starter for large wind turbine induction generators		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	1	0
7706	2010	An interpolative based dynamical model for the vestibular nucleus		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7707	2010	A simulation framework for PSoC based cyber physical systems		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	1	0	0	0
7708	2010	QoS parameters mapping for the E-learning traffic mix in LTE networks		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7709	2010	The usefulness and functionality of Micro formats in a particular eLearning system		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7710	2010	Review of PSK and QAM - digital modulation techniques on FPGA		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	1	2	1	0
7711	2010	Conventional vs. alternative energy sources overview part I. energy and environment		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			2	0	0	0	0
7712	2010	Blade design using CAD technique for small power wind turbine		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	1	0	0
7713	2010	Electronic conversion system and speed-control strategy for small wind generators		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	1
7714	2010	Mapping a fuzzy logic approach for QoS-aware service selection on current web service standards		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	1
7715	2010	Monitoring framework for large-scale software projects		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7716	2010	Predicting indoor temperature variation through sensor data pattern analysis		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7717	2010	Distribution factors with AC power flow for electric energy transmission cost allocation		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	1	1	1
7718	2010	The control of the diesel-synchronous generator electro-energetic system		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	1	1	0	1
7719	2010	Minimum vicinity interpolation algorithms for calculation of trajectory processing for a model of CNC machine tool		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7720	2010	Obtaining highly localized edges using phase congruency and ridge detection		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7721	2010	Takagi-Sugeno fuzzy controller for a magnetic levitation system laboratory equipment		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0
7722	2010	A new method for reducing the storage requirements of numerical simulation data		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	3	0	0	0
7723	2010	Wireless sensor network software testing framework		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	1
7724	2010	Arff converter tool for WEKA data mining software		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7725	2010	Improving productivity by computer aided manufacturing in five axis		Iccc Conti 2010 IEEE International Joint Conferences on Computational Cybernetics and Technical Informatics Proceedings			0	0	0	0	0		
7726	2010	Effects of different types of input waveforms in patient-specific right coronary atherosclerosis hemodynamics analysis	17557437	International Journal of Design and Nature and Ecodynamics	5	2	0	0	0	0	0		
7727	2010	Research regarding using the wastes with carbon content in siderurgical industry	13115065	Journal of Environmental Protection and Ecology	11	2	0	0	0	0	0		
7728	2010	Research on obtaining lubricating powder from various types of wastes	13115065	Journal of Environmental Protection and Ecology	11	2	0	0	0	0	0		
7729	2010	Biogas production based on agricultural residues. From history to results and perspectives	17905079	Wseas Transactions on Environment and Development	6	8	2	1	3	1	2		
7730	2010	The analysis of mathematical models associated to some economic growth processes with endogenous population	11092769	Wseas Transactions on Mathematics	9	8	0	0	0	0	0		
7731	2010	Indoor inter-robot distance measurement in collaborative systems	15827445	Advances in Electrical and Computer Engineering	10	3	0	0	0	0	0		
7732	2010	Bimaterial four point bend specimen with sub-interface crack	3769429	International Journal of Fracture	164	2	1	0	1	1	0		
7733	2010	Preparation and properties of xerogels obtained by ionic liquid incorporation during the immobilization of lipase by the sol-gel method	13811177	Journal of Molecular Catalysis B Enzymatic	65	01-Apr	3	1	1	1	1		
7734	2010	Self-adaptive mechanism for cache memory reliability improvement		Proceedings of the 13th IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems Ddeds 2010			0	0	1	0	0		
7735	2010	Cement kilns		Industrial Combustion Testing			1	0	0	1	0		
7736	2010	Synthesis and characterization of some ferruginous powders designed for the depollution of waters with arsenic content	15833186	Revista Romana De Materiale Romanian Journal of Materials	40	1	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7737	2010	Thermoresistant pigments obtained by me2+â+co2+ substitution in different structures	15833186	Revista Romana De Materiale Romanian Journal of Materials	40	1	0	1	0	0	0
7738	2010	Web-service-based solution for an intelligent telecare system		Ines 2010 14th International Conference on Intelligent Engineering Systems Proceedings			0	0	0	0	0
7739	2010	ANFIS regulated type 1diabetic model for different glucose absorption scenarios		Ines 2010 14th International Conference on Intelligent Engineering Systems Proceedings			1	0	0	0	0
7740	2010	A new pattern of knowledge based on experimenting the causality relation		Ines 2010 14th International Conference on Intelligent Engineering Systems Proceedings			1	0	0	0	0
7741	2010	Smart metering for monitoring domestic utilities		Ines 2010 14th International Conference on Intelligent Engineering Systems Proceedings			0	0	1	1	0
7742	2010	Accurate analytical solutions to oscillators with discontinuities and fractional-power restoring force by means of the optimal homotopy asymptotic method	8981221	Computers and Mathematics with Applications	60	6	9	7	4	4	5
7743	2010	Quadratic and homogeneous hamilton-poisson systems on A* 3,6,-1	12242780	Balkan Journal of Geometry and Its Applications	15	1	0	0	0	0	0
7744	2010	3D-QSAR design of new escitalopram derivatives for the treatment of major depressive disorders	368709	Scientia Pharmaceutica	78	2	0	1	0	1	0
7745	2010	Cognition aspects concerning an abstraction model		Proceedings of the 10th IASTED International Conference on Artificial Intelligence and Applications Aia 2010			0	0	0	0	0
7746	2010	A high-speed AES architecture implementation		Cf 2010 Proceedings of the 2010 Computing Frontiers Conference			0	1	0	0	0
7747	2010	New method for voltage sags characteristics detection in electrical networks		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	0	0	0
7748	2010	A model based approach for pipeline monitoring and leak locating		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7749	2010	Transmission cost allocation using the distribution factors method		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	1	1	0	0		
7750	2010	A rule-based expert system for steady state diagnosis of electrical distribution networks		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	0	0	0		
7751	2010	Optimum current reference generation algorithm for PMSMS drive system for wide speed range		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	0	0	0		
7752	2010	Experiments in iterative feedback tuning for level control of three-tank system		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	1	0	0		
7753	2010	Individual plant recognition using the RGB color model		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	0	0	0	0		
7754	2010	Overvoltage protection systems for low voltage and domestic electric consumers		Proceedings of the Mediterranean Electrotechnical Conference MELECON			1	0	1	0	0		
7755	2010	Deregulated power market congestion management		Proceedings of the Mediterranean Electrotechnical Conference MELECON			0	1	0	0	0		
7756	2010	Existence and uniqueness for C0-semigroups on the dual of a Banach space	15842851	Carpathian Journal of Mathematics	26	1	0	0	0	0	0		
7757	2010	On some ergodic theorems for a universally bounded operator	15842851	Carpathian Journal of Mathematics	26	1	1	0	0	0	1		
7758	2010	Pressure recovery improvement in a conical diffuser with swirling flow using water jet injection	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	11	3	1	2	2	2	0		
7759	2010	Adsorption of as(III) ions onto iron-containing waste sludge	2636174	Adsorption Science and Technology	28	6	1	1	0	3	0		
7760	2010	Comparison of FEA and experimental results for a steel frame connection	19918747	Wseas Transactions on Applied and Theoretical Mechanics	5	3	0	0	0	1	0		
7761	2010	On the influence of residual stresses on fatigue fracture of railway axles	19918747	Wseas Transactions on Applied and Theoretical Mechanics	5	3	0	0	0	0	1		
7762	2010	Optimal design of heating elements sheathed with INCOLOY superalloy 800	19918747	Wseas Transactions on Applied and Theoretical Mechanics	5	3	0	0	1	1	0		
7763	2010	Thermodynamic analysis of gas turbine powered cogeneration systems	224456	Journal of Scientific and Industrial Research	69	7	0	0	0	0	0		
7764	2010	Colour of bilberry (Vaccinium myrtillus fruits) extracts	10942912	International Journal of Food Properties	13	4	2	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7765	2010	Optimal conditions for the control problem associated to a economic growth process exposed to a risk factor	11092769	Wseas Transactions on Mathematics	9	7	0	0	0	0	0
7766	2010	Some optimal approximate methods with application to thin film flow	11092777	Wseas Transactions on Systems	9	7	0	0	0	0	0
7767	2010	Energy analysis of low temperature heating systems	17905044	Wseas Transactions on Heat and Mass Transfer	5	3	0	0	0	0	0
7768	2010	Risk management a key factor in sustainable regional urban planning (case study hunedoara county development plan - Romania)	17905079	Wseas Transactions on Environment and Development	6	7	0	0	0	0	0
7769	2010	Novel RES based co-combustion technology	17905079	Wseas Transactions on Environment and Development	6	7	0	0	0	0	0
7770	2010	Effect of chemically modified Vulcan XC-72R on the performance of air-breathing cathode in a single-chamber microbial fuel cell	9608524	Bioresource Technology	101	14	4	7	5	7	7
7771	2010	The Effect of Temperature and Fe3+ Concentration on the Formation of γ -Fe ₂ O ₃ Nanoparticles Embedded in Silica Matrix	13180207	Acta Chimica Slovenica	57	2	0	0	0	0	0
7772	2010	Influence of the noise on the amplitude estimation of a sine-wave by the three-point interpolated DFT method		Final Program and Abstract Book 4th International Symposium on Communications Control and Signal Processing ISCCSP 2010			0	0	0	0	0
7773	2010	Morphological characterization of dental prostheses interfaces using optical coherence tomography	16057422	Progress in Biomedical Optics and Imaging Proceedings of SPIE	7626		0	0	0	1	0
7774	2010	Timed automata model for component-based real-time systems		17th IEEE International Conference and Workshops on the Engineering of Computer Based Systems Ecbs 2010			0	1	0	0	0
7775	2010	The influence of processing methods upon microstructure of tig welded incoloy 800	15822214	Metalurgia International	15	6	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7776	2010	Evaluation of mechanical properties by stereo- and scanning electron microscopy of some heat curing dental resins	255289	Materiale Plastice	47	2	1	1	0	0	0
7777	2010	Bimetallic cast iron rolls - Some approaches to assure the exploitation properties	13303651	Tehnicki Vjesnik	17	2	0	2	0	0	1
7778	2010	Structure and in vitro biological testing of water-based ferrofluids stabilized by monocarboxylic acids	7437463	Langmuir	26	11	3	0	2	1	1
7779	2010	Qualitative and quantitative analysis of gallic acid in alchemilla vulgaris, allium ursinum, acorus calamus and solidago virga-aurea by chip-electrospray ionization mass spectrometry and high performance liquid chromatography	18951066	Central European Journal of Chemistry	8	3	1	1	2	2	1
7780	2010	Shared data grid programming improvements using specialized objects		Cisis 2010 the 4th International Conference on Complex Intelligent and Software Intensive Systems			0	0	0	0	0
7781	2010	Efficient generation of near optimal initial populations to enhance genetic algorithms for Job-Shop Scheduling	1392124X	Information Technology and Control	39	1	0	1	0	2	2
7782	2010	Evaluation of antioxidant activity of some vaccinium extracts and their application for the inhibition of oxidation process in vegetable oil	2094541	Oxidation Communications	33	1	0	0	0	0	0
7783	2010	A model for calculating measurement uncertainty in medical laboratories	18416624	Revista Romana De Medicina De Laborator	18	01-Apr	0	0	0	0	0
7784	2010	3D numerical analysis of the impeller - Stator interaction into a storage pump	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	72	1	0	0	0	0	0
7785	2010	Steel deoxidation with synthetic slag	15822214	Metalurgia International	15	5	0	1	0	0	0
7786	2010	Influence of thickness on arc characteristics when using pulsed mig welding for AlMgSi sheets in automobile bodies	15822214	Metalurgia International	15	5	0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7787	2010	Analysis and prevention of vortex breakdown in the simplified discharge cone of a Francis turbine	982202	Journal of Fluids Engineering Transactions of the ASME	132	5	7	6	4	8	2
7788	2010	Modeling and simulation of a 12 MW wind farm	15827445	Advances in Electrical and Computer Engineering	10	2	0	0	1	1	0
7789	2010	Effect of temperature on the electrochemical synthesis and properties of polyaniline films	223093	Journal of Non Crystalline Solids	356	20-22	4	7	2	2	2
7790	2010	Constructive solutions regarding the purification of used water coming from the beer industry	13115065	Journal of Environmental Protection and Ecology	11	1	0	0	0	0	0
7791	2010	Novel technology of coal biomass co-combustion with CO2 capture	13115065	Journal of Environmental Protection and Ecology	11	1	0	0	0	0	0
7792	2010	Possibilities of recycling the lime-dolomite plant dust	13115065	Journal of Environmental Protection and Ecology	11	1	0	0	0	0	0
7793	2010	Removal of mercury from municipal solid waste combustion gases	13115065	Journal of Environmental Protection and Ecology	11	1	0	0	0	0	0
7794	2010	Synthesis and characterization of new glycopolymers based on monosaccharides and maleic anhydride I. Glucose derivatives	255289	Materiale Plastice	47	1	1	1	1	0	0
7795	2010	Experimental determination and comparison of some mechanical properties of commercial polymers	255289	Materiale Plastice	47	1	5	2	0	2	0
7796	2010	Charged-particle multiplicities in pp interactions at $\sqrt{s} = 900$ GeV measured with the ATLAS detector at the LHC	3702693	Physics Letters Section B Nuclear Elementary Particle and High Energy Physics	688	1	5	0	3	4	1
7797	2010	Determination of periodic solutions for the motion of a particle on a rotating parabola by means of the optimal homotopy asymptotic method	0022460X	Journal of Sound and Vibration	329	9	9	11	7	4	12
7798	2010	On generalized fuzzy normed spaces and coincidence point theorems	1650114	Fuzzy Sets and Systems	161	8	2	3	2	4	5
7799	2010	Optimization of induction brazing for thin-walled aluminum tubes	19918747	Wseas Transactions on Applied and Theoretical Mechanics	5	2	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7800	2010	Ultrasonic activation, a possible alternative application in the microinjection molding	19606206	International Journal of Material Forming	3	SUPPL. 1	0	0	0	0	0
7801	2010	Robust facial expression recognition under occlusion condition	10015965	Beijing Hangkong Hangtian Daxue Xuebao Journal of Beijing University of Aeronautics and Astronautics	36	4	0	1	1	0	0
7802	2010	Low temperature synthesis of Co2SiO4/SiO2 nanocomposite using a modified sol-gel method	9280707	Journal of Sol Gel Science and Technology	54	1	1	4	0	5	20
7803	2010	Computing of cavitation characteristic and sensitivity curves for Francis pump-turbine	17905087	Wseas Transactions on Fluid Mechanics	5	2	0	0	0	0	0
7804	2010	Heat pumps - Efficient heating and cooling solution for buildings	17905044	Wseas Transactions on Heat and Mass Transfer	5	2	0	1	0	3	2
7805	2010	Efficiency and economy solutions regarding the industrial buildings heating	17905079	Wseas Transactions on Environment and Development	6	4	0	0	1	0	0
7806	2010	Sensorless V/f control of high-speed surface permanent magnet synchronous motor drives with two novel stabilising loops for fast dynamics and robustness	17518660	Iet Electric Power Applications	4	3	9	6	7	5	8
7807	2010	Mild and efficient method to obtain glycosyl sulfones of mercaptotriazole	353930	Revue Roumaine De Chimie	55	3	0	0	0	0	0
7808	2010	Algorithms for estimation in distributed parameter systems based on sensor networks and ANFIS	11092777	Wseas Transactions on Systems	9	3	0	0	0	0	0
7809	2010	Mixed traffic models for dimensioning radio resources in GSM/GPRS networks	11092777	Wseas Transactions on Systems	9	3	0	1	0	0	0
7810	2010	Numerical solutions for a class of nonlinear systems and application to stochastic resonance	11092769	Wseas Transactions on Mathematics	9	3	0	0	0	0	0
7811	2010	Implementing time series identification methodology using wireless sensor networks	11092750	Wseas Transactions on Computers	9	3	0	0	0	0	0
7812	2010	Solution combustion synthesis of calcium zirconate, CaZrO3, powders	224596	Journal of Solid State Chemistry	183	3	4	4	5	4	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7813	2010	New results in modelling derived from Bayesian filtering	9507051	Knowledge Based Systems	23	2	30	3	1	7	9
7814	2010	Effects of temperature dependent thermal conductivity on Nu number behavior in micro-tubes	7351933	International Communications in Heat and Mass Transfer	37	3	1	0	0	0	1
7815	2010	On a model of the typical cell from a solar panel	0094243X	Aip Conference Proceedings	1203		2	1	2	1	0
7816	2010	Obtaining of Ni0.65Zn0.35Fe2O4 nanoparticles at low temperature starting from metallic nitrates and polyols	13886150	Journal of Thermal Analysis and Calorimetry	99	2	0	0	0	0	0
7817	2010	Optimization of synthesis parameters in interfacial polycondensation using design of experiments	1700839	Polymer Bulletin	64	3	0	0	0	2	0
7818	2010	Prostate cancer prognosis evaluation assisted by neural networks	11092750	Wseas Transactions on Computers	9	2	1	0	0	0	0
7819	2010	Quantum circuit's reliability assessment with VHDL-based simulated fault injection	262714	Microelectronics Reliability	50	2	0	0	0	0	0
7820	2010	Radiographic, micro computer tomography and optical coherence tomography investigations of ceramic interfaces	21622701	Optics Infobase Conference Papers			0	0	0	0	0
7821	2010	Structural analysis, rehabilitation and further development of health monitoring program concerning two reinforced concrete chimneys		Large Structures and Infrastructures for Environmentally Constrained and Urbanised Areas			1	0	1	0	0
7822	2010	Cavitation resistance coatings deposited on titanium alloys substrates by plasma spraying and electron beam remelting		Metal 2010 19th International Conference on Metallurgy and Materials Conference Proceedings			0	0	0	0	0
7823	2010	The increasing of weld strength by parameters optimization of ultrasonic welding for composite material based on aluminium using design of experiments		Nanocon 2010 2nd International Conference Conference Proceedings			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7824	2010	Energy efficiency and thermal comfort in schools after renovation using photovoltaic cells		Nanocon 2010 2nd International Conference Conference Proceedings			0	0	0	0	0	
7825	2010	Creep-fatigue interaction assessment of 16Mo5 steel	14513749	Structural Integrity and Life	10	2	0	0	0	0	0	
7826	2010	The oscilloscope as a digital display	14746670	IFAC Proceedings Volumes IFAC Papersonline	10	PART 1	0	0	0	0	1	
7827	2010	Greenhouse energy balance modeling review and perspectives	14746670	IFAC Proceedings Volumes IFAC Papersonline	10	PART 1	0	0	1	2	1	
7828	2010	Cyclic test of textile-reinforced composites in compliant hinge mechanisms	22110984	Mechanisms and Machine Science	5		0	0	0	0	0	
7829	2010	A theoretical improvement of a Stirling engine PV diagram	22110984	Mechanisms and Machine Science	5		0	0	0	1	0	
7830	2010	Size minimization of the cam mechanisms with translating roll follower	22110984	Mechanisms and Machine Science	5		0	0	0	0	0	
7831	2010	The analysis of a dwell mechanism for alpha - stirling engine		Syrom 2009 Proceedings of the 10th Iftomm International Symposium on Science of Mechanisms and Machines			0	0	0	0	0	
7832	2010	A design of compliant mechanism with integrated actuators		Syrom 2009 Proceedings of the 10th Iftomm International Symposium on Science of Mechanisms and Machines			0	0	0	0	0	
7833	2010	Cam mechanism with flat/tangential translating follower and its size		Syrom 2009 Proceedings of the 10th Iftomm International Symposium on Science of Mechanisms and Machines			0	0	0	0	0	
7834	2010	A digital model of a dwell mechanism for alpha-stirling engine		Syrom 2009 Proceedings of the 10th Iftomm International Symposium on Science of Mechanisms and Machines			0	0	0	0	0	
7835	2010	Seismic performance of precast RC wall panels with cut-out openings retrofitted by externally bonded CFRP composites		3rd International Fib Congress and Exhibition Incorporating the PCI Annual Convention and Bridge Conference Think Globally Build Locally Proceedings			0	0	0	0	0	
7836	2010	Characterization and modelling of seismic action		Urban Habitat Constructions Under Catastrophic Events COST C26 Action Final Report			0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7837	2010	Sound based coin recognition and clapper	18033814	Mendel			0	0	0	0	0
7838	2010	A view on power efficiency of multimedia mobile applications		Advanced Techniques in Computing Sciences and Software Engineering			0	0	0	0	0
7839	2010	Configurable signal generator implemented on tricore microcontrollers		Advanced Techniques in Computing Sciences and Software Engineering			0	0	0	0	0
7840	2010	A model for determining the number of negative examples used in training a MLP		Innovations in Computing Sciences and Software Engineering			0	0	0	0	0
7841	2010	Fracture mechanics of cellular solids	2541971	CISM International Centre for Mechanical Sciences Courses and Lectures	521		2	3	2	2	2
7842	2010	Hydrothermal synthesis of Si1-xSnxO2 single crystal	18426573	Optoelectronics and Advanced Materials Rapid Communications	4	12	0	0	0	0	0
7843	2010	Effects of inlet geometry on heat transfer and fluid flow of tangential micro-heat sink	179310	International Journal of Heat and Mass Transfer	53	17-18	4	2	0	0	1
7844	2010	Hyersâ€“ulam stability of mean value points	20088752	Annals of Functional Analysis	1	2	2	0	0	0	0
7845	2010	Issues of identifying, estimating and using delay times in telecontrol systems based on TCP/IP networks	14746670	IFAC Proceedings Volumes IFAC Papersonline			1	0	0	1	2
7846	2010	ICT frame supporting continuity of care towards increased quality of healthcare services	14746670	IFAC Proceedings Volumes IFAC Papersonline			0	1	0	0	0
7847	2010	Integrated tele-assistance platform - TELEASIS	14746670	IFAC Proceedings Volumes IFAC Papersonline			1	0	0	0	0
7848	2010	Indicators and signal processing techniques developed to investigate the effects of rotor faults in cage rotor induction machines	19749821	International Review on Modelling and Simulations	3	4	0	0	0	0	0
7849	2010	Predicting bankruptcy with the use of macroeconomic variables	0424267X	Economic Computation and Economic Cybernetics Studies and Research	44	1	4	1	1	0	0
7850	2010	Nonuniform instability of stochastic differential equations	0094243X	Aip Conference Proceedings	1281		1	0	0	0	0
7851	2010	InCode: Continuous quality assessment and improvement	15345351	Proceedings of the European Conference on Software Maintenance and Reengineering CSMR			3	3	4	4	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7852	2010	Maximum Likelihood Estimation Algorithm evaluation for wireless sensor networks		Proceedings 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2010			0	0	0	0	0
7853	2010	Numerical solutions for a class of backward stochastic differential equations		Proceedings 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2010			0	0	0	0	0
7854	2010	Numerical simulation of single phase faults in medium voltage electrical networks	17905060	Wseas Transactions on Power Systems	5	2	0	0	0	1	0
7855	2010	Thermoanalytical study of cefadroxil and its mixtures with different excipients	347752	Revista De Chimie	61	12	0	1	0	1	0
7856	2010	Comparative study for the synthesis of some 5-(2-, 3-, 4-pyridyl) substituted-4H-4-amino-3-mercapto-1,2,4-triazoles	347752	Revista De Chimie	61	12	0	0	0	0	1
7857	2010	Studies and researches for water resources and environmental protection program	347752	Revista De Chimie	61	12	0	0	0	0	0
7858	2010	Bubbles generation mechanism in magnetic fluid and its control by an applied magnetic field	18753884	Physics Procedia	9		0	1	1	1	0
7859	2010	Synthesis of a new chiral carbamate: 2-nitrophenyl (1R,2S)-(1,2-diphenyl-2-hydroxyethyl) carbamate	347752	Revista De Chimie	61	8	0	0	0	0	0
7860	2010	Design of buildings including environmental impact	15829596	Environmental Engineering and Management Journal	9	8	0	0	0	0	0
7861	2010	Anodic determination of pentachlorophenol from water using carbon nanofiber-based composite electrode	15829596	Environmental Engineering and Management Journal	9	11	0	0	0	0	0
7862	2010	Solar radiation modeling and measurements in Timisoara, Romania: Data and model quality	15829596	Environmental Engineering and Management Journal	9	8	0	0	0	0	0
7863	2010	Microbial Fuel Cells - An option for wastewater treatment	15829596	Environmental Engineering and Management Journal	9	8	4	7	5	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7864	2010	Green synthesis of symmetrical carbonate FT-IR study	15829596	Environmental Engineering and Management Journal	9	8	0	0	0	0	0	
7865	2010	Study connected with wood residues behaviour during anaerobic fermentation process	15829596	Environmental Engineering and Management Journal	9	10	0	0	0	0	0	
7866	2010	Effect of sulfate concentration in the wastewater on microbial fuel cell performance	15829596	Environmental Engineering and Management Journal	9	9	1	1	1	0	0	
7867	2010	Methodology to assess integrity with application to collector copper lamellas	1678442	Theoretical and Applied Fracture Mechanics	53	2	0	0	0	0	0	
7868	2010	Modelling flow processes in urban distribution networks	347752	Revista De Chimie	61	11	0	0	0	0	0	
7869	2010	New heterocyclic tioether derived from 3-substituted-4H-4-amino-5-mercapto- 1,2,4-triazole and succinic acid	347752	Revista De Chimie	61	11	0	0	0	0	0	
7870	2010	Applications of cellular neural networks in trajectory planning	18446035	Journal of Electrical and Electronics Engineering	3	1	0	0	0	0	0	
7871	2010	LIDAR system implementation and development for novel romanian systems	18426573	Optoelectronics and Advanced Materials Rapid Communications	4	8	0	0	0	0	0	
7872	2010	Air pollution analysis in western Romania and the necessity of complementary vertical resolved LIDAR observation	18426573	Optoelectronics and Advanced Materials Rapid Communications	4	8	0	0	0	0	0	
7873	2010	Studies regarding the effect of fly ash used on coagulation-settling process of water suspensions	347752	Revista De Chimie	61	10	0	1	0	0	0	
7874	2010	Liposomes containing undoped and Au+/Ag+ doped titanium dioxide nanoparticles	18423582	Digest Journal of Nanomaterials and Biostructures	5	4	0	0	0	0	0	
7875	2010	Novel porphyrin-based polysiloxane micromaterial	18423582	Digest Journal of Nanomaterials and Biostructures	5	4	1	0	0	0	2	
7876	2010	Analysis of Jansen walking mechanism using CAD	10120394	Solid State Phenomena	166-167		2	2	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7877	2010	Scaled experimental stand for testing control algorithms on brake systems with anti-lock capability	10120394	Solid State Phenomena	166-167		0	0	0	0	0
7878	2010	The design approach of human prostheses and intelligent robot end effectors based on mechatronic philosophy	10120394	Solid State Phenomena	166-167		0	1	0	0	0
7879	2010	Calculation of forces and reactions from kinematical joints of double harmonic transmission with wave generator dephased with $\pi/2$ used in industrial robots structure	10120394	Solid State Phenomena	166-167		0	1	0	0	0
7880	2010	Distance education in soft-switching inverters	15982092	Journal of Power Electronics	10	6	1	0	1	0	0
7881	2010	The alkylation of 1H-5-mercapto-3-phenyl - 1,2,4-triazole and 4H-4-amino-5-mercapto-3-phenyl -1,2,4-triazole	347752	Revista De Chimie	61	9	0	0	0	0	0
7882	2010	Thermal analysis of biodiesel from soybean and sunflower oils. II	347752	Revista De Chimie	61	9	0	0	0	0	0
7883	2010	Thermal analysis of biodiesel from palm oil. I	347752	Revista De Chimie	61	8	0	0	0	0	0
7884	2010	Theoretical study about the reactivity of formyl groups in heterocyclic derivatives	347752	Revista De Chimie	61	9	0	0	0	0	1
7885	2010	Electrochemical microinstallation for cytostatic wastes epuration	347752	Revista De Chimie	61	9	2	1	0	0	0
7886	2010	Molybdenum-phosphate glass with high MoO3 content	347752	Revista De Chimie	61	9	0	1	0	0	0
7887	2010	Kinetic and thermodynamic aspects of arsenic (III) adsorption onto iron oxide obtained from iron oxalate	17433541	Wit Transactions on Ecology and the Environment	135		0	1	0	0	0
7888	2010	Electrochemical oxidation of p-aminophenol from water with boron-doped diamond anodes and assisted photocatalytically by TiO2-supported zeolite	119164	Desalination	260	01-Mar	0	0	2	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7889	2010	Accuracy of sine wave frequency estimation by multipoint interpolated DFT approach	189456	IEEE Transactions on Instrumentation and Measurement	59	11	8	13	6	2	4	
7890	2010	Plastic mechanisms database for thin-walled cold-formed steel members in compression and bending	2638231	Thin Walled Structures	48	10-Nov	0	2	2	3	0	
7891	2010	Some aspects about vagueness & imprecision in computer network fault-tree analysis	18419836	International Journal of Computers Communications and Control	5	4	1	0	0	0	0	
7892	2010	WIMAX traffic forecasting based on neural networks in wavelet domain		2010 4th International Conference on Research Challenges in Information Science Proceedings Rcis 2010			0	0	0	1	1	
7893	2010	Preparation and characterization of Ag doped TiO2 incorporated in natural zeolite	14544164	Journal of Optoelectronics and Advanced Materials	12	9	1	0	0	0	0	
7894	2010	Applications of ZMEs in electroanalysis of organics	15829596	Environmental Engineering and Management Journal	9	5	0	0	0	0	0	
7895	2010	Management of accidental flooding risks	15829596	Environmental Engineering and Management Journal	9	4	1	1	1	0	0	
7896	2010	Electrochemical determination of diclofenac sodium in aqueous solution on Cu-Doped zeolite-expanded graphite-epoxy electrode	10400397	Electroanalysis	22	17-18	3	8	4	1	5	
7897	2010	Arsenic removal from aqueous solutions using a binary mixed oxide	347752	Revista De Chimie	61	7	0	1	0	0	0	
7898	2010	Berberis vulgaris extract/ β -cyclodextrin nanoparticles synthesis and characterization	347752	Revista De Chimie	61	7	3	0	2	1	1	
7899	2010	Reactions of N,N'-carbonyldisuccinimide with nitrogen-containing nucleophiles	347752	Revista De Chimie	61	7	0	0	0	0	0	
7900	2010	Nonlinear shape-texture manifold learning	9168532	IEICE Transactions on Information and Systems	E93-D	7	0	1	0	0	0	
7901	2010	Synthesis and characterization of ammonium phosphate fertilizers with boron	3525139	Journal of the Serbian Chemical Society	75	7	2	2	3	3	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7902	2010	Research in solar energy at the "Politehnica" University of Timisoara: Studies on solar radiation and solar collectors	3549836	Thermal Science	14	1	0	0	0	0	0
7903	2010	Aromaticity evaluation of Î»3-heterobenzenes using the magnetic criterion and reactivity based descriptors	347752	Revista De Chimie	61	5	0	0	0	0	0
7904	2010	Synthesis of symmetrically N,N'-di-substituted aliphatic ureas by reaction of bis(o-nitrophenyl) carbonate with primary amines	347752	Revista De Chimie	61	4	0	0	0	0	0
7905	2010	New azo compounds derived from 1H-5-amino-4-ethoxycarbonyl-3-methyl- pyrazole and 3-mono- or 1,3-disubstituted pyrazol-5-ones	347752	Revista De Chimie	61	4	0	0	0	0	0
7906	2010	Some interpretative research in the area of cast iron rolls quality assurance	13351532	Acta Metallurgica Slovaca	16	1	0	2	0	0	0
7907	2010	About the durability in exploitation of the cast iron hot rolling mill rolls in few experimental results	13351532	Acta Metallurgica Slovaca	16	1	0	0	0	0	0
7908	2010	Comments on "A one-step optimal homotopy analysis method for nonlinear differential equations"	10075704	Communications in Nonlinear Science and Numerical Simulation	15	11	0	0	0	0	0
7909	2010	Sol-gel synthesized sorbents for cu2+ and cd2+ separation from solutions	18426573	Optoelectronics and Advanced Materials Rapid Communications	4	3	0	0	0	0	0
7910	2010	Effect of wastewater characteristics and biomass growth in cathode compartment on performance of membrane-less microbial fuel cell	347752	Revista De Chimie	61	3	0	0	0	0	1
7911	2010	Studies regarding the obtaining process of iron (II) -Ammonium phosphate from residual solutions	347752	Revista De Chimie	61	3	0	0	0	0	1
7912	2010	Generalized Barut-Girardello coherent states for mixed states with arbitrary distribution	207748	International Journal of Theoretical Physics	49	4	2	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7913	2010	Design issues and implementations for floating-point Divide-Add fused	15497747	IEEE Transactions on Circuits and Systems II Express Briefs	57	4	2	0	1	1	0
7914	2010	Characterisation and optimisation of biodiesel's production from waste cooking oil	22863540	UPB Scientific Bulletin Series C Electrical Engineering	72	1	0	0	0	0	0
7915	2010	Application of electro-active biofilms	8927014	Biofouling	26	1	3	16	12	9	10
7916	2010	Accurate amplitude estimation of harmonic components of incoherently sampled signals in the frequency domain	189456	IEEE Transactions on Instrumentation and Measurement	59	5	0	2	1	1	4
7917	2010	Performances of CMOS thermal-compensation total-current references	11092734	Wseas Transactions on Circuits and Systems	9	1	0	0	0	0	0
7918	2010	Descriptor techniques for modeling of swirling fluid structures and stability analysis	11092769	Wseas Transactions on Mathematics	9	1	0	0	0	0	0
7919	2010	Synthesis and characterization of poly(vinyl alcohol)/ethylene glycol /silica hybrids. Thermal analysis and ft-ir study	353930	Revue Roumaine De Chimie	55	1	1	7	3	2	0
7920	2010	Layered fuzzy facial expression generation of virtual agent	10224653	Chinese Journal of Electronics	19	1	0	0	0	0	0
7921	2010	BEGA starter/alternatorvector control implementation and performance for wide speed range at unity power factor operation	939994	IEEE Transactions on Industry Applications	46	1	1	4	3	4	4
7922	2010	Friction welding structures of carburized steels	2555476	Materials Science Forum	638-642		0	1	0	0	0
7923	2010	Interfacial behavior of dissimilar friction welded nodular cast irons with low carbon steels	2555476	Materials Science Forum	638-642		0	0	0	0	2
7924	2010	Multiscale modelling of gradual degradation in Al2O 3/ZrO2 ceramic composites under tension	2555476	Materials Science Forum	638-642		0	0	0	0	0
7925	2010	Parameter influence on friction welding of dissimilar surface-carburized/volume-hardened alloyed steels	2613069	Materials and Design	31	4	0	2	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7926	2010	The electrochemical determination of phenolic derivates using multiple pulsed amperometry with graphite based electrodes	399140	Talanta	80	3	2	1	3	1	1
7927	2010	The influence of the steel and aluminium components separation at the conductors locking for stress-strain tests	10139826	Key Engineering Materials	417-418		0	0	0	0	0
7928	2010	Asymptotic stress field for a crack normal to a ceramic - Metal interface	10139826	Key Engineering Materials	417-418		0	0	0	0	0
7929	2010	Durability studies for complete dentures	10139826	Key Engineering Materials	417-418		0	0	1	1	0
7930	2009	Dead time compensation for interpolative-type control systems		Isciii 09 4th International Symposium on Computational Intelligence and Intelligent Informatics Proceedings			0	0	0	0	0
7931	2009	Active-flux based motion sensorless vector control of biaxial excitation generator/motor for automobiles (BEGA)		2009 IEEE Energy Conversion Congress and Exposition Ecce 2009			0	1	0	0	0
7932	2009	Characteristics of a new abstraction model		Isciii 09 4th International Symposium on Computational Intelligence and Intelligent Informatics Proceedings			0	0	0	0	0
7933	2009	Wide speed range sensorless control of PM-RSM via "active flux model"		2009 IEEE Energy Conversion Congress and Exposition Ecce 2009			2	0	3	2	0
7934	2009	Active flux based motion-sensorless vector control of DC-excited synchronous machines		2009 IEEE Energy Conversion Congress and Exposition Ecce 2009			2	3	3	3	2
7935	2009	ReLooper: Refactoring for loop parallelism in Java		Proceedings of the Conference on Object Oriented Programming Systems Languages and Applications OOPSLA			1	3	1	3	1
7936	2009	Studies about the initial fixation of a mini tailored hip prosthesis with a scaffold structure	255289	Materiale Plastice	46	3	0	0	0	0	0
7937	2009	Experimental and theoretical researches regarding Ultrasonic welding process optimization of the polymeric matrix composite materials	255289	Materiale Plastice	46	3	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7938	2009	Increasing watermarking robustness using turbo codes		Wisp 2009 6th IEEE International Symposium on Intelligent Signal Processing Proceedings			2	0	0	0	0
7939	2009	Hyperanalytic wavelet packets		Wisp 2009 6th IEEE International Symposium on Intelligent Signal Processing Proceedings			0	0	0	0	0
7940	2009	MIMO stochastic minimum variance control strategies for improving plasma characteristics in reactive ion etching		Wisp 2009 6th IEEE International Symposium on Intelligent Signal Processing Proceedings			0	0	0	0	0
7941	2009	The neural simulator of the pollution factors impact on the quality of the air along the Romanian coast of Black Sea		Proceedings of the International Multiconference on Computer Science and Information Technology Imcsit 09	4		0	0	0	0	0
7942	2009	Investigations using the Rational Unified Process (RUP) Diagrams for Software Process Modeling		Proceedings of the International Multiconference on Computer Science and Information Technology Imcsit 09	4		0	0	0	0	0
7943	2009	Magnetic nanofluids: Synthesis and structure		Nanoscience in Biomedicine			3	2	3	1	1
7944	2009	Design of sustainable product life cycles		Design of Sustainable Product Life Cycles			1	7	5	2	2
7945	2009	Considerations concerning some concepts in the flow systems management of the catchments		9th International Multidisciplinary Scientific Geoconference and EXPO Modern Management of Mine Producing Geology and Environmental Protection Sgem 2009	2		0	0	1	0	0
7946	2009	A simplified dynamic model for a surface mining excavator using design and experimental data	21915644	Conference Proceedings of the Society for Experimental Mechanics Series			0	0	0	1	0
7947	2009	Contributions to modelling the threshing and separating process within a threshing apparatus with axial flow	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	71	1	0	0	0	0	0
7948	2009	Ideas and concepts of vicadis - A virtual campus for digital students		Iadis International Conference on Cognition and Exploratory Learning in Digital Age Celda 2009			0	0	0	0	0
7949	2009	One idea, one ocean, two countries and tens of students - the implications of virtual mobilities		Iadis International Conference on Cognition and Exploratory Learning in Digital Age Celda 2009			0	0	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7950	2009	Formation and certification of Integrated Design Engineering Skills		Ds 58 10 Proceedings of Iced 09 the 17th International Conference on Engineering Design	10		0	0	1	0	0
7951	2009	Entrapment of lipases in novel sol-gel systems	12247154	Studia Universitatis Babes Bolyai Chemia		SPEC.ISSU	0	0	0	0	0
7952	2009	Combustion synthesis of Ca ₂ (Fe _{1-x} Al _x) ₂ O ₅ solid solutions	15833186	Revista Romana De Materiale Romanian Journal of Materials	39	4	0	0	0	0	0
7953	2009	Past and present of automatic glucose-insulin control research at BME		10th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics Cinti 2009			0	0	0	0	0
7954	2009	Main types of attacks in wireless sensor networks		Proceedings of the 9th Wseas International Conference on Signal Speech and Image Processing Ssip 09 Proc 9th Wseas Int Conf Multimedia Internet and Video Technologies Miv 09			5	3	4	2	2
7955	2009	On using Kullback Leibler distance to estimate vector quantization performance		Proceedings of the 9th Wseas International Conference on Signal Speech and Image Processing Ssip 09 Proc 9th Wseas Int Conf Multimedia Internet and Video Technologies Miv 09			0	0	0	0	0
7956	2009	Foreground/background segmentation with learned dictionary		Proceedings of the 3rd International Conference on Applied Mathematics Simulation Modelling ASM 09 Proceedings of the 3rd International Conference on Circuits Systems and Signals Css 09			1	2	0	0	0
7957	2009	Improving the air quality in urban areas applying cogeneration with biofuels. Case study		Proceedings of the 3rd International Conference on Energy and Development Environment Biomedicine Edeb 09			0	0	0	0	0
7958	2009	Non-technical barriers versus technical barriers to implement a new renewable technology		Proceedings of the 3rd International Conference on Energy and Development Environment Biomedicine Edeb 09			0	0	0	0	0
7959	2009	Human-machine interface for daily load short term forecasting using recursive artificial neural network		Proceedings of the 9th Wseas lasme International Conference on Electric Power Systems High Voltages Electric Machines Power 09			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
7960	2009	Analysis of thermal comfort in closed spaces		Proceedings of the 3rd Wseas International Conference on Energy Planning Energy Saving Environmental Education Epepe 09 Renewable Energy Sources Res 09 Waste Management Wwai 09			0	0	0	0	0	
7961	2009	Monitoring of the power quality on the wholesale power market in Romania		Proceedings of the 9th Wseas Iasme International Conference on Electric Power Systems High Voltages Electric Machines Power 09			0	0	1	0	0	
7962	2009	Iterative feedback tuning in linear and fuzzy control systems	1860949X	Studies in Computational Intelligence	243		0	0	0	0	1	
7963	2009	Electrochemical studies on 5,10,15,20-tetrakis (4-pyridyl)-21H,23H-porphine and its Zn(II) complex	12247154	Studia Universitatis Babes Bolyai Chemia		SPEC. ISS	0	0	0	0	0	
7964	2009	Structure for behaviourist representation of knowledge		10th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics Cinti 2009			0	0	0	0	0	
7965	2009	Engaging digital students in global learning: A conversation in multimedia, technology, and culture		Proceedings of the Iadis International Conference E Learning 2009 Part of the Iadis Multi Conference on Computer Science and Information Systems Mccsis 2009	1		0	0	0	0	0	
7966	2009	A dynamic economic model with discrete time and consumer sentiment	10260226	Discrete Dynamics in Nature and Society	2009		0	0	0	0	0	
7967	2009	Modern control solutions for mechatronic servosystems. Comparative case studies		10th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics Cinti 2009			0	0	0	0	0	
7968	2009	Model-based analysis of contract-based real-time scheduling	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	5860 LNCS		0	0	1	0	0	
7969	2009	Modeling and experimental investigations of a reactive homo-heteropolar brushless synchronous machine		IECON Proceedings Industrial Electronics Conference			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7970	2009	Quality monitoring of electrical power distribution network using a low-power microcontroller		2009 IEEE Electrical Power and Energy Conference Epec 2009			0	0	0	0	0		
7971	2009	Modeling, control design and simulation of a grid connection control mode for a small variable-speed wind turbine system		2009 IEEE Electrical Power and Energy Conference Epec 2009			0	0	0	0	0		
7972	2009	Performance of handover for multiple users in heterogeneous wireless networks		Proceedings Conference on Local Computer Networks LCN			0	0	0	0	0		
7973	2009	A cognitive virtual microscopic framework for knowledge-based exploration of large microscopic images in breast cancer histopathology		Proceedings of the 31st Annual International Conference of the IEEE Engineering in Medicine and Biology Society Engineering the Future of Biomedicine Embc 2009			0	0	1	0	0		
7974	2009	Cervical spine mobility using 3D ultrasound-based measuring system	16800737	Ifmbe Proceedings	26		0	0	0	0	0		
7975	2009	Designing and implementing a human hand prosthesis	16800737	Ifmbe Proceedings	26		0	0	1	0	0		
7976	2009	Sequential sampling time domain reflectometer		Siitme 2009 15th International Symposium for Design and Technology of Electronics Packages			0	0	0	0	0		
7977	2009	Using a low cost programmable power supply for automated testing		Siitme 2009 15th International Symposium for Design and Technology of Electronics Packages			0	0	0	0	0		
7978	2009	Comparing FPGA behavioral simulation, post-route simulation with real-life experiments		Siitme 2009 15th International Symposium for Design and Technology of Electronics Packages			0	0	0	0	0		
7979	2009	LabVIEW powered remote lab		Siitme 2009 15th International Symposium for Design and Technology of Electronics Packages			1	0	0	0	0		
7980	2009	Fuzzy logic-based stabilization of nonlinear time-varying systems	9740635	International Journal of Artificial Intelligence	3	9:00 AM	1	0	1	1	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7981	2009	Emergent behavior control patterns in robotic collectives	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	5928 LNAI		0	0	0	0	0
7982	2009	Plant species from the Angiospermatophyta and Spermatophyta genus with antiradical and antimicrobial activity	2094541	Oxidation Communications	32	4	1	0	0	1	0
7983	2009	Aspects concerning the efficient use of biogas obtained from sewage water discarded by the beer industry	13115065	Journal of Environmental Protection and Ecology	10	4	0	0	0	0	0
7984	2009	Experimental research related to the mechanical properties of composite materials reinforced with woven polypropylene	255289	Materiale Plastice	46	4	0	0	0	0	0
7985	2009	Establishing the optimum welding procedure for PE 100 polyethylene pipelines using the Response Surface Design	255289	Materiale Plastice	46	4	4	1	2	0	1
7986	2009	Numerical approach in quantum modelling for semiconductors		Proceedings of the 13th Wseas International Conference on Computers Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0
7987	2009	Implementation and evaluation model with synchronization for the asynchronous search techniques		Proceedings of the 13th Wseas International Conference on Computers Held as Part of the 13th Wseas Cscs Multiconference			0	0	1	1	0
7988	2009	Numerical methods based on shifted polynomials in swirling flows stability analysis		Proceedings of the 13th Wseas International Conference on Computers Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0
7989	2009	A low power framework for WLAN indoor positioning system		Proceedings of the 13th Wseas International Conference on Computers Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
7990	2009	Storing information with Spiking Neural Networks		Proceedings of the 13th Wseas International Conference on Computers Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0
7991	2009	Numerical methods for convective hydrodynamic stability of swirling flows		Proceedings of the 13th Wseas International Conference on Systems Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0
7992	2009	Collaborative product development in PLM multisite platform		Proceedings of the 1st International Conference on Manufacturing Engineering Quality and Production Systems Meqaps 09	2		0	0	1	0	0
7993	2009	What characteristics define ecological building materials		Proceedings of the 7th Iasme Wseas International Conference on Heat Transfer Thermal Engineering and Environment Hte 09			1	0	1	0	0
7994	2009	Considerations regarding the human activity impact over the underground water resources and the drinking waters in the western part of Romania		Proceedings of the 7th Iasme Wseas International Conference on Heat Transfer Thermal Engineering and Environment Hte 09			0	0	0	0	0
7995	2009	On the effectiveness of multiscale mode filters in edge preserving image filtering		Proceedings of the 13th Wseas International Conference on Systems Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0
7996	2009	Modeling algorithms for sags with exponential fronts and other types of electromagnetic disturbances from power supply network		2009 IEEE Bucharest Powertech Innovative Ideas Toward the Electrical Grid of the Future			0	0	0	0	1
7997	2009	Selective detection of simple and double grounding within the medium voltage electrical networks with compensated null		2009 IEEE Bucharest Powertech Innovative Ideas Toward the Electrical Grid of the Future			0	1	0	2	0
7998	2009	MATLAB model for spiking neural networks		Proceedings of the 13th Wseas International Conference on Systems Held as Part of the 13th Wseas Cscs Multiconference			1	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
7999	2009	Assisted movement of visually impaired in outdoor environments-work directions and new results		Proceedings of the 13th Wseas International Conference on Systems Held as Part of the 13th Wseas Cscs Multiconference			1	0	0	0	0		
8000	2009	On the optimal design of low-cost fuzzy controllers for ship course control	13342630	Proceedings Elmar International Symposium Electronics in Marine			0	0	0	0	0		
8001	2009	Efficiency of the three-point interpolated DFT method on the normalized frequency estimation of a sine-wave		Proceedings of the 5th IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs 2009			0	0	0	0	0		
8002	2009	Iterative feedback tuning approach to a class of state feedback-controlled servo systems		Icinco 2009 6th International Conference on Informatics in Control Automation and Robotics Proceedings	1 ICSSO		0	0	0	0	0		
8003	2009	A reliability analysis for wireless sensor networks in a wind farm		Icat 2009 2009 22nd International Symposium on Information Communication and Automation Technologies			0	0	0	0	0		
8004	2009	Study cases on specific LMSs used in Romania and worldwide		Proceedings of the 13th Wseas International Conference on Communications Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0		
8005	2009	Self-destruction procedure for cluster-tree wireless sensor networks		Icete 2009 International Joint Conference on E Business and Telecommunications			0	0	0	0	0		
8006	2009	Robust solar position sensor for tracking systems		Proceedings of the 9th Wseas International Conference on Power Systems PS 09			1	0	0	0	0		
8007	2009	Mathematical model of three-phase asynchronous servomotors in stationary non-sinusoidal regime		Proceedings of the 9th Wseas International Conference on Power Systems PS 09			0	0	0	0	0		
8008	2009	IFT-based PI-fuzzy controllers: Signal processing and implementation		Icinco 2009 6th International Conference on Informatics in Control Automation and Robotics Proceedings	1 ICSSO		0	0	0	0	0		
8009	2009	Comparative results in GSM/GPRS networks modeling according to Erlang-B and Engset traffic models		Proceedings of the 13th Wseas International Conference on Communications Held as Part of the 13th Wseas Cscs Multiconference			0	1	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8010	2009	Wireless sensory control for mobile robot navigation		Sisy 2009 7th International Symposium on Intelligent Systems and Informatics			0	0	0	0	0	
8011	2009	Iterative learning control experimental results for inverted pendulum crane mode control		Sisy 2009 7th International Symposium on Intelligent Systems and Informatics			0	0	0	0	0	
8012	2009	Real - Time monitoring and processing of human physiological parameters		Sisy 2009 7th International Symposium on Intelligent Systems and Informatics			0	0	0	0	0	
8013	2009	SCADA automation system laboratory, elements and applications		Sisy 2009 7th International Symposium on Intelligent Systems and Informatics			0	2	2	1	0	
8014	2009	Performance and power consumption investigation for execution of integer operations on CPU and GPU processors for multimedia applications		Sisy 2009 7th International Symposium on Intelligent Systems and Informatics			0	0	0	0	0	
8015	2009	Restructuring object-oriented distributed systems: An impact-driven approach		Proceedings 2009 IEEE 5th International Conference on Intelligent Computer Communication and Processing Iccp 2009			0	0	0	0	0	
8016	2009	Markov models for wireless sensor network reliability		Proceedings 2009 IEEE 5th International Conference on Intelligent Computer Communication and Processing Iccp 2009			1	2	0	2	0	
8017	2009	Influence of driver behavior patterns in correcting video sensing errors in traffic surveillance applications		Proceedings 2009 IEEE 5th International Conference on Intelligent Computer Communication and Processing Iccp 2009			0	0	0	0	0	
8018	2009	Representing object-oriented distributed systems to focus the process of reverse engineering		Proceedings 2009 IEEE 5th International Conference on Intelligent Computer Communication and Processing Iccp 2009			0	0	0	0	0	
8019	2009	Optimal control applied to a Ramsey model with taxes and exponential utility	11092769	Wseas Transactions on Mathematics	8	12	0	0	0	1	0	
8020	2009	New achievements in assisted movement of visually impaired in outdoor environments	11092734	Wseas Transactions on Circuits and Systems	8	9	0	0	0	0	0	
8021	2009	Rheological behavior of some food solid emulsions	15842363	Studia Universitatis Vasile Goldis Arad Seria Stiintele Vietii	19	2	0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8022	2009	Equivalent parameters of induction machines windings in permanent nonsinusoidal regime. Theoretical and experimental determination		Proceedings of the 9th Wseas International Conference on Power Systems PS 09			0	0	0	0	0		
8023	2009	Numerical simulations for dynamic stochastic and hybrid models of Internet networks	11092769	Wseas Transactions on Mathematics	8	12	1	0	0	0	0		
8024	2009	Mathematical model associated to three-phase induction servomotors in the case of scalar control	11092777	Wseas Transactions on Systems	8	10	0	0	0	0	0		
8025	2009	Theoretical and experimental determination of equivalent parameters of three-phase induction motor windings in case of power electronic converters supply	11092777	Wseas Transactions on Systems	8	10	0	0	1	0	0		
8026	2009	Generation of the head related transfer functions using artificial neural networks		Proceedings of the 13th Wseas International Conference on Circuits Held as Part of the 13th Wseas Cscs Multiconference			1	0	0	0	0		
8027	2009	Upon the dynamic modeling of sentence meaning		Ncm 2009 5th International Joint Conference on INC IMS and Idc			0	0	0	0	0		
8028	2009	The logical modularity of programs	10951350	Proceedings Working Conference on Reverse Engineering Wcre			0	0	0	0	0		
8029	2009	Quantitative structure-activity relationship (QSAR). V. Analysis of the toxicity of aliphatic esters by means of molecular compressibility descriptors	148237	Farmacia	57	5	0	0	0	0	0		
8030	2009	Mathematical model of a reactive homopolar synchronous machine with stator excitation		2009 13th European Conference on Power Electronics and Applications EPE 09			0	0	0	0	1		
8031	2009	E-learning practical teaching of uncontrolled rectifiers		2009 13th European Conference on Power Electronics and Applications EPE 09			0	0	0	0	0		
8032	2009	A case study of ESP electrical characteristics from a thermal power station	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society			0	1	0	1	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8033	2009	Comprehensive analysis for modernization of 100 t electric arc furnace for steel production	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society			1	0	0	3	0		
8034	2009	Novel nanomaterials based on 5,10,15,20-tetrakis(3,4-dimethoxyphenyl)-21H,23H-porphyrin entrapped in silica matrices	255408	Materials Research Bulletin	44	12	2	0	2	1	2		
8035	2009	Generic two-degree-of-freedom linear and fuzzy controllers for integral processes	160032	Journal of the Franklin Institute	346	10	6	3	5	7	6		
8036	2009	An analytical approach to the dynamic analysis of a rotating electric machine	8981221	Computers and Mathematics with Applications	58	11-Dec	0	0	0	0	0		
8037	2009	Very low speed performance of active flux based sensorless control: Interior permanent magnet synchronous motor vector control versus direct torque and flux control	17518660	Iet Electric Power Applications	3	6	6	5	4	3	1		
8038	2009	Traffic models and associated parameters in GSM/(E)GPRS networks	11092742	Wseas Transactions on Communications	8	8	0	0	0	0	0		
8039	2009	Dimensioning rules regarding radio resources in GSM/GPRS networks	11092742	Wseas Transactions on Communications	8	8	0	0	0	0	0		
8040	2009	Study cases on elearning technologies used by universities in romania and worldwide	11092742	Wseas Transactions on Communications	8	8	0	0	0	0	0		
8041	2009	Bayesian network model for diagnosis of psychiatric diseases	13301012	Proceedings of the International Conference on Information Technology Interfaces Iti			3	3	2	4	3		
8042	2009	Excitation on the coherent states of pseudoharmonic oscillator	0094243X	Aip Conference Proceedings	1131		0	0	0	1	0		
8043	2009	Some New Remarks about Lotka-Volterra System	11092769	Wseas Transactions on Mathematics	8	8	0	0	0	0	0		
8044	2009	Some Extensions of a B. Sz.-Nagy Type Theorem with Application in the Stochastic Processes	0094243X	Aip Conference Proceedings	1168		0	0	0	0	0		
8045	2009	On some yosida type approximation theorems	0094243X	Aip Conference Proceedings	1168		0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8046	2009	The analysis of a mathematical model associated to an economic growth process	0094243X	Aip Conference Proceedings	1168		0	0	0	1	0
8047	2009	New algorithms used in the phases of automatic classification of products		Proceedings 2009 3rd International Workshop on Soft Computing Applications Sofa 2009			0	0	0	0	0
8048	2009	A software solution for reducing energy consumption in domestic sector		Proceedings 2009 3rd International Workshop on Soft Computing Applications Sofa 2009			0	0	0	0	0
8049	2009	Genetic algorithm based quantum circuit synthesis with adaptive parameters control		2009 IEEE Congress on Evolutionary Computation CEC 2009			0	0	0	0	1
8050	2009	Stability analysis approach to a class of fuzzy controlled nonlinear time-varying systems		IEEE Eurocon 2009 Eurocon 2009			0	0	0	0	0
8051	2009	Embedded server with wake on lan function		IEEE Eurocon 2009 Eurocon 2009			1	0	0	0	0
8052	2009	Congestion risk management using the probable value of congestion and the optimization of the operating regimes case study for western part of romanian power system		IEEE Eurocon 2009 Eurocon 2009			0	0	0	0	0
8053	2009	Software tool for power transfer distribution factors (ptdf) computing within the power systems		IEEE Eurocon 2009 Eurocon 2009			4	3	1	1	1
8054	2009	Linear permanent-magnet valve actuator - The dynamic model: digital simulations, open-loop U/f and I/f operation and position estimation performance, with experiments		2009 8th International Symposium on Advanced Electromechanical Motion Systems and Electric Drives Joint Symposium Electromotion 2009			0	0	0	0	0
8055	2009	Intrusions detection in intelligent agent-based non-traditional grids		2009 International Conference on Education Technology and Computer Icetc 2009			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8056	2009	ICT-eMuCo. An innovative solution for future smart phones		Proceedings 2009 IEEE International Conference on Multimedia and Expo Icme 2009			0	0	0	0	0		
8057	2009	Upon dynamic natural language processing		Proceedings 2009 International Conference on New Trends in Information and Service Science Niss 2009			0	0	0	0	0		
8058	2009	Design of floating point units for interval arithmetic		2009 Ph D Research in Microelectronics and Electronics Prime 2009			0	0	0	0	0		
8059	2009	On the choice of the mother wavelet for perceptual data hiding		2009 International Symposium on Signals Circuits and Systems Isscs 2009			0	0	0	0	0		
8060	2009	Non-negative matrix factorization methods for face recognition under extreme lighting variations		2009 International Symposium on Signals Circuits and Systems Isscs 2009			0	0	0	0	0		
8061	2009	Combined malicious node discovery and self-destruction technique for wireless sensor networks		Proceedings 2009 3rd International Conference on Sensor Technologies and Applications Sensorcomm 2009			1	3	0	0	0		
8062	2009	An improved version of the inverse hyperanalytic wavelet transform		2009 International Symposium on Signals Circuits and Systems Isscs 2009			0	0	0	0	0		
8063	2009	Analysis of a password strengthening technique and its practical use		Proceedings 2009 3rd International Conference on Emerging Security Information Systems and Technologies Securware 2009			0	0	0	0	0		
8064	2009	On using turbo codes over rice flat fading channels		2009 International Symposium on Signals Circuits and Systems Isscs 2009			0	0	0	0	0		
8065	2009	Forecasting WiMAX BS traffic by statistical processing in the wavelet domain		2009 International Symposium on Signals Circuits and Systems Isscs 2009			2	0	0	0	0		
8066	2009	Uncertainty analysis of the normalized frequency estimation by multipoint interpolated DFT approach		2009 IEEE International Workshop on Advanced Methods for Uncertainty Estimation in Measurement Amuem 2009			0	0	0	0	0		
8067	2009	A new denoising system for SONAR images	16875176	Eurasip Journal on Image and Video Processing	2009		0	0	0	2	2		
8068	2009	Providing security in intelligent agent-based grids by means of error correction		Proceedings 2009 International Conference on Future Networks Icfn 2009			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8069	2009	Exponential stability of skew-evolution semiflows in banach spaces		Proceedings 2009 International Conference on Future Computer and Communication Icfcc 2009			0	0	0	0	0
8070	2009	Very low speed performance of active flux based sensorless control: Interior permanent magnet synchronous motor vector control versus direct torque and flux control	17518601	IET Computers and Digital Techniques	3	6	1	0	0	0	1
8071	2009	Designing a power efficiency framework for battery powered systems		ACM International Conference Proceeding Series			0	0	0	0	0
8072	2009	Study concerning the phonic pollution generated by the urban traffic in the town of Timisoara. II.	13115065	Journal of Environmental Protection and Ecology	10	3	0	0	0	0	0
8073	2009	Pair-coherent states of the pseudoharmonic oscillator	2811847	Physica Scripta T	T135		1	1	0	0	0
8074	2009	Exact dynamics of XX central spin models	2811847	Physica Scripta T	T135		1	0	1	2	0
8075	2009	Stability of the synchronous generators within wind energy power systems		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	2	0	0	0
8076	2009	nRobotic: A platform for managing robots with different capabilities		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8077	2009	General untimed Petri net models for the general components of automatic transport systems with accumulation areas		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8078	2009	Unsupervised exploration of scientific articles		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8079	2009	Modeling and simulation of a doubly-fed induction machine operating in generator regime with $\hat{\theta}$ angle lagged windings		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8080	2009	Steganography on embedded devices		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8081	2009	A calculus to detect guessing attacks	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	5735	LNCS	0	0	0	0	0
8082	2009	Modeling derived from bayesian filtering: Analysis of estimation process		Proceedings 2009 International Conference on Intelligent Engineering Systems Ines 2009			0	0	0	0	0
8083	2009	Software flexibility improvement for document oriented applications		Proceedings 2009 International Conference on Intelligent Engineering Systems Ines 2009			0	0	0	0	0
8084	2009	Accurate ADC dynamic testing by means of the three-parameter sine-fit algorithm		2009 IEEE 15th International Mixed Signals Sensors and Systems Test Workshop Ims3tw 09			0	0	0	0	0
8085	2009	Uniqueness of pre-generators on locally convex spaces	1631073X	Comptes Rendus Mathematique	347	21-22	0	0	0	0	0
8086	2009	Kernel based image registration versus MLESAC: A comparative study		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8087	2009	A WebService-based alarm solution in a telecare system		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8088	2009	Dynamic programming with Web Dynpro ABAP		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8089	2009	Improvements in cardiology workflow in a hospital using mobile software solutions		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8090	2009	Modern techniques for automatic classification of products		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0
8091	2009	Nonlinear and linearized models and low-cost control solution for an electromagnetic actuator		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8092	2009	Top five most promising algorithms in scheduling		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	1	2		
8093	2009	Particle swarm optimization-based design of control systems with reduced sensitivity		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			1	0	1	0	0		
8094	2009	Considerations about an oracle database multi-master replication		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8095	2009	Built-in self test applicability for the non-linear operations of advanced encryption standard		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8096	2009	Using a WLAN infrastructure as a wireless sensor network in a scalable architecture		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8097	2009	Iterative feedback tuning in MIMO systems. Signal processing and application		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	1	0	0	0		
8098	2009	Multiagent architecture applied in decentralized real-time urban road traffic control		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	1	0		
8099	2009	Decisional methods applied in medical domain		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	1	0	0		
8100	2009	New experimental setups for audio signal processing		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8101	2009	Thermally autonomous residence in the Western part of Romania		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8102	2009	Control system of the continuous casting process for cracks removal		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8103	2009	Towards early performance assessment based on UML MARTE models for distributed systems		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8104	2009	Scalable metric for coverage evaluation in video-based wireless sensor networks		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8105	2009	MSHOSIM - A tool for mobile station handover simulation		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8106	2009	Mathematical model of the two orthogonal three-phase windings stator generator		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8107	2009	Porting hierarchical timing language on a microcontroller based platform		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8108	2009	A nonlinear evaluation of the bearing with alternating poles and magnetic liquid		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8109	2009	Experiments on a grid layer prototype for shared data programming model		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8110	2009	Application of bandpass filtering in real tone frequency estimation		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8111	2009	Translating user preferences into fuzzy rules for the automatic selection of services		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8112	2009	Energy-driven methodology for node self-destruction in wireless sensor networks		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	1	0	0	0		
8113	2009	Towards an adaptable large scale project execution monitoring		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8114	2009	Adding semantics to online learning environments		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8115	2009	Smart homes. A solution for a smart lighting system		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	1	0	0		
8116	2009	Towards a load balancer architecture for multi-core mobile communication systems		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	1	0	0		
8117	2009	Knowledge based power systems steady state diagnosis. Basic concepts, software and case study		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8118	2009	Biomechanical behavior of canine tibia based on bending tests and numerical analysis		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	1	0		
8119	2009	Design of a hip stem with mesh structures		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8120	2009	Remote temperature monitoring and regulating system for indoor locations		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8121	2009	Daily load forecasting using recursive artificial neural network vs. classic forecasting approaches		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	1	1	0	0		
8122	2009	Soft computing control of Type 1 diabetes described at molecular levels		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8123	2009	On-site preparation of a facial prosthesis using a rapid prototyping tool		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8124	2009	SCADA system for a central heating and power plant		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			3	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8125	2009	Probabilistic distribution factors assessment using OptimalPowerPrice Mathematica software. Case study: Test 25 buses test power system		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8126	2009	Analysis by numerical simulation regarding the stability of the synchronous generator operating in autonomous or grid connected regime		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			1	1	0	0	0		
8127	2009	Experimental considerations upon the optimal control of reversing rolling mills		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	0	0	0	0		
8128	2009	Data acquisition system in a mobile air quality monitoring station		Proceedings 2009 5th International Symposium on Applied Computational Intelligence and Informatics Saci 2009			0	1	0	0	1		
8129	2009	Signal processing aspects in state feedback control based on iterative feedback tuning		Proceedings 2009 2nd Conference on Human System Interactions Hsi 09			0	1	0	0	0		
8130	2009	Unscented Kalman Filter (UKF) and frequency analysis (FA) techniques used for fault detection, diagnosis and isolation (FDDI) in Heating Ventilation Air Conditioning Systems (HVAC)-comparison results		Proceedings 2009 2nd Conference on Human System Interactions Hsi 09			1	0	0	0	0		
8131	2009	Heteroclinic orbits in the T and the L ^{1/4} systems	9600779	Chaos Solitons and Fractals	42	1	3	2	4	5	3		
8132	2009	Software architecture for better text-based information accessibility		Proceedings of the 2009 5th Advanced International Conference on Telecommunications Aict 2009			0	0	0	0	0		
8133	2009	Mobile robot navigation based on CNN images processing - An experimental setup	11092777	Wseas Transactions on Systems	8	8	0	0	0	0	0		
8134	2009	An optimal control problem on the lie group SE(2, $\hat{\alpha}$, $\hat{\beta}$)— SO(2)	378615	Boletin De La Sociedad Matematica Mexicana	15	2	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8135	2009	Towards developing secure video surveillance systems over IP		Proceedings 2009 4th International Conference on Internet Monitoring and Protection Icomp 2009			0	0	0	0	0
8136	2009	The heat transfer and fluid flow of a partially heated microchannel heat sink	7351933	International Communications in Heat and Mass Transfer	36	8	1	4	3	2	0
8137	2009	Round-level concurrent error detection applied to advanced encryption standard		Proceedings of the 2009 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems DdecS 2009			0	0	0	0	0
8138	2009	Novel flux weakening control algorithm for PMSMS		Powereng 2009 2nd International Conference on Power Engineering Energy and Electrical Drives Proceedings			1	1	0	1	0
8139	2009	TUKI: A voice-activated information browser		2009 IEEE Long Island Systems Applications and Technology Conference Lisat 2009			0	0	1	1	0
8140	2009	Synthesis and characterization of some thermoresistant pigments based on the Al3+ â†’ Cr3+ substitution	12247154	Studia Universitatis Babes Bolyai Chemia	1		0	0	0	1	0
8141	2009	Water activity - Indicator of food safety and the factors that influence the biochemical stability of soft drinks	12247154	Studia Universitatis Babes Bolyai Chemia	1		0	0	0	0	0
8142	2009	Effects of asymmetry in patient-specific wall shear stress analyses of abdominal aortic aneurysm	15629023	Journal of Chinese Clinical Medicine	4	8	0	0	0	0	0
8143	2009	Static loading of moulding thin-walled cave patterns manufactured of composite materials	15822214	Metalurgia International	14	SPEC. ISS	0	0	0	0	0
8144	2009	Contributions upon the cavitation erosion of two cast irons used in manufacturing control valves	15822214	Metalurgia International	14	11	0	0	0	0	0
8145	2009	Methods of enhancing the resistance to cavitation of titanium	15822214	Metalurgia International	14	SPEC. ISS	0	0	0	0	0
8146	2009	Co(II)-Ni(II) heteropolynuclear coordination compound obtained through the reaction of 1,2-propanediol with metallic nitrates as precursor for mixed oxide of spinel type NiCo2O4	406031	Thermochimica Acta	493	01-Feb	1	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8147	2009	A class of speed-sensorless sliding-mode observers for high-performance induction motor drives	2780046	IEEE Transactions on Industrial Electronics	56	9	9	6	9	8	5	
8148	2009	Quantitative structure-activity relationship (QSAR). IV. Analysis of the toxicity of aliphatic esters by means of Weighted Holistic Invariant Molecular (WHIM) descriptors	148237	Farmacia	57	4	0	0	0	0	1	
8149	2009	Cracks propagation and interaction in an orthotropic elastic material: Analytical and numerical methods	9270256	Computational Materials Science	46	3	7	2	3	2	1	
8150	2009	Choice of the acquisition parameters for frequency estimation of a sine wave by interpolated DFT method	9205489	Computer Standards and Interfaces	31	5	0	0	0	0	0	
8151	2009	First stages of surface steel nitriding: X-ray photoelectron spectroscopy and electrical measurements	1694332	Applied Surface Science	255	22	0	0	0	0	0	
8152	2009	A comparative study of the electrochemical deposition of molybdenum oxides thin films on copper and platinum	9258388	Journal of Alloys and Compounds	483	01-Feb	1	0	0	0	1	
8153	2009	Numerical procedures for the improvement of the structural response of thermoplastic manufactured parts	255289	Materiale Plastice	46	2	0	0	0	0	1	
8154	2009	In situ ESR-UV-Vis-NIR spectroelectrochemical study of the p-doping of poly[2-(3-thienyl)ethyl acetate] and its hydrolyzed derivatives	14639076	Physical Chemistry Chemical Physics	11	30	0	1	0	0	0	
8155	2009	Synthesis and characterization of TiO2-pillared Romanian clay and their application for azoic dyes photodegradation	3043894	Journal of Hazardous Materials	167	01-Mar	4	2	0	5	2	
8156	2009	Redundancy and its applications in wireless sensor networks: A survey	11092750	Wseas Transactions on Computers	8	4	2	3	3	2	3	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8157	2009	Estimating durability of steels at repeated bending impacts	3769429	International Journal of Fracture	157	01-Feb	0	1	0	0	4
8158	2009	Density matrix approach of the excitation on coherent states of the pseudoharmonic oscillator	2955075	Epl	87	4	0	0	0	0	0
8159	2009	Dynamical behaviour of an XX central spin model through Bethe ansatz techniques	344877	Reports on Mathematical Physics	64	01-Feb	2	0	0	2	0
8160	2009	Influence of the specific surface area on crystallization process kinetics of some silica gels	13886150	Journal of Thermal Analysis and Calorimetry	97	2	2	0	0	0	0
8161	2009	Analysis of thermal and olfactory comfort in closed spaces	17905044	Wseas Transactions on Heat and Mass Transfer	4	3	0	0	0	0	0
8162	2009	Actual situation and perspectives on wind energy usage in Banat region	19918763	Wseas Transactions on Systems and Control	4	8	0	0	0	0	0
8163	2009	On the structural relaxation of Fe65Gd5 Cr10B20 amorphous alloys	9258388	Journal of Alloys and Compounds	481	01-Feb	0	0	0	0	0
8164	2009	Quantum circuit synthesis with adaptive parameters control	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	5481 LNCS		0	0	0	0	0
8165	2009	Multipoint interpolated dft method for frequency estimation		2009 6th International Multi Conference on Systems Signals and Devices Ssd 2009			2	1	1	0	0
8166	2009	From extensity to protensity in cas: adding sounds to icons	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	5398 LNAI		0	0	0	0	0
8167	2009	Bis(o-nitrophenyl) carbonate as a new reagent for the synthesis of chiral oxazolidin-2-ones	397911	Synthetic Communications	39	15	0	0	0	0	0
8168	2009	Preparation of CoXFe3-XO4 oxydic system starting from metal nitrates and propanediol	13180207	Acta Chimica Slovenica	56	2	0	10	7	12	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8169	2009	Discovering comprehension pitfalls in class hierarchies	15345351	Proceedings of the European Conference on Software Maintenance and Reengineering CSMR			1	0	0	0	0
8170	2009	Solution combustion synthesis of β -cordierite	9258388	Journal of Alloys and Compounds	480	2	2	0	2	1	2
8171	2009	Preparation of $\text{CoFe}_3\text{-xO}_4$ nanoparticles by thermal decomposition of some organo-metallic precursors	13886150	Journal of Thermal Analysis and Calorimetry	97	1	7	6	9	9	2
8172	2009	Preparation of $\text{Fe}_x\text{O}_y/\text{SiO}_2$ nanocomposites by thermal decomposition of some carboxylate precursors formed inside the silica matrix	13886150	Journal of Thermal Analysis and Calorimetry	97	1	0	0	1	0	0
8173	2009	Environment global protection to the polluting action of refrigerants	17905079	Wseas Transactions on Environment and Development	5	6	1	0	0	0	0
8174	2009	Energy characterization of mobile devices and applications using power-thermal benchmarks	262692	Microelectronics Journal	40	7	0	0	0	0	0
8175	2009	The microtube heat sink with tangential impingement jet and variable fluid properties	9477411	Heat and Mass Transfer Waerme Und Stoffuebertragung	45	9	2	3	0	2	1
8176	2009	Fuel mixture approach for solution combustion synthesis of $\text{Ca}_3\text{Al}_2\text{O}_6$ powders	88846	Cement and Concrete Research	39	7	7	4	4	2	1
8177	2009	Research on the wearing resistance of quaternary alloys covered with polyester	255289	Materiale Plactice	46	1	0	0	0	0	0
8178	2009	Using microblogging to deliver online courses. Case-study: Cirip.ro	18770428	Procedia Social and Behavioral Sciences	1	1	0	0	0	1	1
8179	2009	Experimental and theoretical studies on mechanical characteristics of an important composite material	255289	Materiale Plactice	46	1	0	1	0	0	0
8180	2009	Study by thermal methods of some physico-mechanical properties of polyamides used for high performance sport products	255289	Materiale Plactice	46	1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8181	2009	"Active Flux" DTFC-SVM sensorless control of IPMSM	8858969	IEEE Transactions on Energy Conversion	24	2	11	13	3	10	11	
8182	2009	Effect of masticatory load on cracks deflection/penetration investigated with en-face optical coherence tomography in ceramic fixed partial dentures	16057422	Progress in Biomedical Optics and Imaging Proceedings of SPIE	7258		0	0	0	0	0	
8183	2009	Combustion synthesis, characterization and sintering behavior of magnesium aluminate (MgAl2O4) powders	2540584	Materials Chemistry and Physics	115	02-Mar	1	3	4	2	1	
8184	2009	Automated meter reading system for heat costs allocation	11092734	Wseas Transactions on Circuits and Systems	8	2	1	0	0	0	0	
8185	2009	Properties of fuzzy systems	11092777	Wseas Transactions on Systems	8	2	1	3	0	1	0	
8186	2009	Numerical blood flow simulations in narrowed coronary venous bypass graft	15629023	Journal of Chinese Clinical Medicine	4	1	0	0	0	0	0	
8187	2009	Full - Scale tests on cold-formed steel pitched-roof portal frames with bolted joints	1816112X	Advanced Steel Construction	5	2	6	1	3	3	7	
8188	2009	Experimental research on durability in exploitation of rolling mill rolls	13303651	Tehnicki Vjesnik	16	2	0	0	0	0	0	
8189	2009	Synthesis, structural characterization and thermal analysis of the cobalt(II) oxalate obtained through the reaction of 1,2-ethanediol with Co(NO3)2 • 6H2O	13886150	Journal of Thermal Analysis and Calorimetry	96	3	2	0	1	0	0	
8190	2009	A new piezoelectric single crystal obtained by Ge doping in the SiO 2 structure	2321300	Crystal Research and Technology	44	6	1	0	0	0	0	
8191	2009	Comparative structure analysis of non-polar organic ferrofluids stabilized by saturated mono-carboxylic acids	219797	Journal of Colloid and Interface Science	334	1	2	2	3	1	1	
8192	2009	Synthesis and thermal behavior of double copper and potassium pyrophosphate	406031	Thermochimica Acta	488	01-Feb	0	0	0	1	0	
8193	2009	Feature extraction through cross-phase congruency for facial expression analysis	2180014	International Journal of Pattern Recognition and Artificial Intelligence	23	3	2	0	1	1	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8194	2009	Evaluation of the effective thermal conductivity of composite polymers by considering the filler size distribution law	1673565X	Journal of Zhejiang University Science A	10	5	0	0	0	1	1
8195	2009	Fracture parameters at bi-material ceramic interfaces under bi-axial state of stress	9270256	Computational Materials Science	45	3	5	2	1	3	0
8196	2009	Study concerning the phonic pollution generated by the urban traffic in the town of Timisoara. Part I	13115065	Journal of Environmental Protection and Ecology	10	1	0	0	0	0	0
8197	2009	Aspects concerning cavitation erosion of some austenitic stainless steels used for impeller blades and displacement motors	15822214	Metalurgia International	14	9	0	0	0	0	0
8198	2009	Ambient air quality measurements in Timisoara. Current situation and perspectives	13115065	Journal of Environmental Protection and Ecology	10	1	1	0	0	0	0
8199	2009	Implementation of the lime semi dry desulphurisation process in the Romanian energy industry-case study	15822214	Metalurgia International	14	9	0	0	0	0	0
8200	2009	Implementation in the Romanian energy industry the flue gas wet desulphurisation methods, dream and reality	15822214	Metalurgia International	14	9	0	0	0	0	0
8201	2009	The anticavital characteristics of deposited layers of austenitic manganese steel	15822214	Metalurgia International	14	SPEC. ISS	0	0	0	0	0
8202	2009	Contributions Regarding the National Management System for reporting at European Level of greenhouse gas emissions data resulted from the industrial sectors covered by EU-ETS Directive	15822214	Metalurgia International	14	9	0	0	0	0	0
8203	2009	UP-TO-DATE methods for the economic management of Greenhouse Gas Emmissions (GHG) for the steel industry operators	15822214	Metalurgia International	14	9	0	0	0	0	0

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							2020	2021	2022	2023	2024
8204	2009	Advantages in the use of biodiesel in an urban fleet. Case study. Major cross-roads in the Timisoara City	13115065	Journal of Environmental Protection and Ecology	10	1	1	0	0	0	0
8205	2009	Structural aspects concerning welding orthodontic rings and wires	15822214	Metalurgia International	14	7	0	0	0	0	0
8206	2009	Synergic mass transfer for pulsed mig welding of aluminum alloys	15822214	Metalurgia International	14	7	0	0	0	0	0
8207	2009	The influence of the commons structure modification on the allocation	2010376X	World Academy of Science Engineering and Technology	40		0	0	0	0	0
8208	2009	Superstability of adjointable mappings on hilbert C*-modules	14528630	Applicable Analysis and Discrete Mathematics	3	1	0	0	0	0	0
8209	2009	Sorption and photocatalytic degradation of azoic dyes on tio 2-pillared montmorillonitic clay	353930	Revue Roumaine De Chimie	54	4	1	0	0	0	0
8210	2009	Electrochemical behaviour of modified sno2 anodes in the presence of phenolic pollutants	353930	Revue Roumaine De Chimie	54	4	0	0	0	0	0
8211	2009	Pseudo-equivalence of fuzzy PID controllers	19918763	Wseas Transactions on Systems and Control	4	4	0	2	0	0	0
8212	2009	New synthetic esters with a complex structure considered as tribological fluids	9540075	Lubrication Science	21	4	1	0	0	0	0
8213	2009	Manufacturing under industrial conditions of new amorphous filler materials for brazing	15822214	Metalurgia International	14	SPEC. ISS	0	0	0	0	0
8214	2009	The activation energy and kinetic of the nanocrystallization process of Al85 Ni9 Nd4Co2 amorphous alloy	0277786X	Proceedings of SPIE the International Society for Optical Engineering	7297		0	0	0	0	0
8215	2009	Interpolative-type control solutions	1860949X	Studies in Computational Intelligence	196		0	1	1	0	0
8216	2009	Acrylic blends based on polyaniline. Factorial design	3796779	Synthetic Metals	159	05-Jun	0	0	0	0	0
8217	2009	In situ ESR/UV-vis-NIR and ATR-FTIR spectroelectrochemical studies on the p-doping of copolymers of 3-methylthiophene and 3-hexylthiophene	15206106	Journal of Physical Chemistry B	113	8	0	1	0	1	0

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							2020	2021	2022	2023	2024
8218	2009	Post-combustion removal of carbon dioxide from flue gases	15822214	Metalurgia International	14	1	0	0	0	0	0
8219	2009	Medium effects and determination of primary and secondary standards for pH measurements in (glycerol + water) solvent media at normal and subzero temperatures, with characterization of appropriate salt bridges	219568	Journal of Chemical and Engineering Data	54	2	1	0	0	0	0
8220	2009	The influence of pH over topography and spectroscopic properties of silica hybrid materials embedding meso-tetratolylporphyrin	255408	Materials Research Bulletin	44	2	1	1	1	2	1
8221	2009	Microstructural analysis of the effects of polyvinyl alcohol content on the porosity of sol-gel derived alumina ceramics	13871811	Microporous and Mesoporous Materials	118	01-Mar	1	1	1	1	0
8222	2009	An optimal homotopy asymptotic method applied to the steady flow of a fourth-grade fluid past a porous plate	8939659	Applied Mathematics Letters	22	2	18	18	17	9	5
8223	2009	Preparation of x(Ni0.65Zn0.35Fe2O4)/(100 - x)SiO2 nanocomposite powders by a modified sol-gel method	2540584	Materials Chemistry and Physics	113	1	2	0	1	0	0
8224	2009	Influence of cracks and crack width on penetration depth of chlorides in concrete	19648189	European Journal of Environmental and Civil Engineering	13	5	3	3	1	4	2
8225	2009	Relativistic velocity addition law from machine gun analogy	0031921X	Physics Teacher	47	1	0	0	1	0	0
8226	2009	Investigation on surface waves related properties of some periodic structures		Proceedings of the 12th International Conference on Microwave and High Frequency Heating Ampere 2009			0	0	0	0	0
8227	2009	Some remarks concerning the application of the variation method in the study of fractal curves		Topics on Chaotic Systems Selected Papers from Chaos 2008 International Conference			0	0	0	0	0

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							2020	2021	2022	2023	2024		
8228	2009	Experimental study on the retrofitting procedures for RC columns		Proceedings of the Twin Coimbra International Conferences on Civil Engineering Towards A Better Environment Ce 2009 and the Concrete Future Cf 2009			0	0	0	0	0		
8229	2009	The influence of the interface on fracture parameters		Damage and Fracture Mechanics Failure Analysis of Engineering Materials and Structures			0	0	0	0	0		
8230	2009	Fe-based bulk metallic glasses used for magnetic shielding	17426588	Journal of Physics Conference Series	144		0	0	0	0	2		
8231	2009	Amorphous alloys for brazing copper based alloys	17426588	Journal of Physics Conference Series	144		1	0	2	1	0		
8232	2009	Investigations on fracture of collector copper lamellas		Engineering Against Fracture Proceedings of the 1st Conference			0	0	0	0	0		
8233	2009	Fixed points and stability for functional equations in probabilistic metric and random normed spaces	16871820	Fixed Point Theory and Applications	2009		4	3	2	0	0		
8234	2009	Sorption removal of chromate in single batch systems by uncalcined and calcined Mg/Zn-Al - Type hydrotalcites	15829596	Environmental Engineering and Management Journal	8	4	0	1	0	0	0		
8235	2009	The impact of regional development on the environment	15829596	Environmental Engineering and Management Journal	8	4	0	0	0	0	0		
8236	2009	Electrochemical degradation and determination of 2,4-dinitrophenol from water	15829596	Environmental Engineering and Management Journal	8	4	0	0	0	0	0		
8237	2009	Using zeolite-modified electrode for the electrochemical determination of 4-aminophenol from water	15829596	Environmental Engineering and Management Journal	8	4	0	0	0	0	0		
8238	2009	Research on eco-business training requirements	15829596	Environmental Engineering and Management Journal	8	4	0	0	0	0	0		
8239	2009	Iron oxides from electrofilter ash for water treatment (arsenic removal)	15829596	Environmental Engineering and Management Journal	8	4	0	0	0	0	1		
8240	2009	Reactive organic carbonates with leaving group for biologically active dipeptides synthesis	15829596	Environmental Engineering and Management Journal	8	4	0	0	1	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8241	2009	Issues on costs and investment for environmental protection	15829596	Environmental Engineering and Management Journal	8	4	0	0	0	1	0
8242	2009	Towards fully-fledged reverse inheritance in Eiffel		Splst 2009 and Nw Mode 2009 Proceedings of 11th Symposium on Programming Languages and Software Tools and 7th Nordic Workshop on Model Driven Software Engineering			0	0	0	0	0
8243	2009	Optimal blade design of centrifugal pump impeller using CAD procedures and conformal mapping method	19708734	International Review of Mechanical Engineering	3	6	0	0	0	0	0
8244	2009	Fuzzy logic control system stability analysis based on Lyapunov's direct method	18419836	International Journal of Computers Communications and Control	4	4	5	10	1	1	5
8245	2009	Type 1 diabetes regulated by ANFIS at molecular levels	16800737	Ifmbe Proceedings	25	4	0	0	0	0	0
8246	2009	Synthesis of bioactive materials based on undoped/doped TiO2 and their nanocrystals with β -cyclodextrins	14544164	Journal of Optoelectronics and Advanced Materials	11	7	0	0	0	0	0
8247	2009	Early stage formation of CuInS2 nanocrystals and microspheres by ambient pressure solution synthesis in glycerol	14544164	Journal of Optoelectronics and Advanced Materials	11	7	0	0	0	0	0
8248	2009	Characterisation of copper-ammonium phosphate by X-ray powder diffraction, FT-IR and electronic microscopy (SEM)	347752	Revista De Chimie	60	12	0	0	0	0	1
8249	2009	Mathematical model for determining the volume of abrasive susceptible of levitation	347752	Revista De Chimie	60	12	0	0	0	0	0
8250	2009	Molecular descriptors for quantitative structure-toxicity relationship (QSTR): II. three ovality molecular descriptors and their use in modeling the toxicity of aliphatic alcohols on Tetrahymena pyriformis	347752	Revista De Chimie	60	12	0	0	1	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8251	2009	Shape memory assemblies using ultrasonic welding	10120394	Solid State Phenomena	154		0	0	0	1	0
8252	2009	Flavonoids in angiosprmatophyta and spermatophyta species and their antioxidant activity	347752	Revista De Chimie	60	11	1	0	0	1	0
8253	2009	Variational based image enhancement method by using cellular neural networks		Proceedings of the 13th Wseas International Conference on Systems Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0
8254	2009	Mobile robot navigation based on CNN images processing- An experimental setup		Proceedings of the 13th Wseas International Conference on Systems Held as Part of the 13th Wseas Cscs Multiconference			0	0	0	0	0
8255	2009	Is There a common background to support better healthcare in central and South East Europe?	9269630	Studies in Health Technology and Informatics	150		0	0	0	0	0
8256	2009	Thermal decomposition of some benzodiazepines under non-isothermal conditions: Kinetic study	347752	Revista De Chimie	60	10	0	0	0	0	0
8257	2009	Synthesis and spectral characterization of new methylene-bis- polymethylenquinoline-bis-carboxamides	347752	Revista De Chimie	60	9	1	0	0	0	2
8258	2009	Synthesis and characterization of some carbohydrate based monomers	347752	Revista De Chimie	60	9	1	1	0	0	0
8259	2009	New 5-substituted 2-mercapto-1,3,4-oxadiazoles, intermediates in the synthesis of 5-substituted 4H-4-amino-3-mercapto-1,2,4-triazoles	347752	Revista De Chimie	60	9	0	0	0	0	1
8260	2009	Determination of mobile phosphorus fraction in the soil variety taxonomy using ammonium lactate-acetate	347752	Revista De Chimie	60	9	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8261	2009	Towards a network-device unified framework for power-aware wireless applications		Proceedings of the 2009 ACM International Wireless Communications and Mobile Computing Connecting the World Wirelessly Iwcmc 2009			0	0	0	0	0		
8262	2009	Accurate amplitude estimation of a sine-wave harmonic component by frequency-domain approach		2009 IEEE Intrumentation and Measurement Technology Conference I2mtc 2009			0	0	0	0	0		
8263	2009	Combined sol-gel entrapment and adsorption method to obtain solid-phase lipase biocatalyts	347752	Revista De Chimie	60	9	1	1	0	0	1		
8264	2009	Non-isothermal crystallization kinetics of some basaltic glass-ceramics containing CaF 2 as nucleation agent	13886150	Journal of Thermal Analysis and Calorimetry	97	2	1	3	2	1	0		
8265	2009	Metal nitrate/fuel mixture reactivity and its influence on the solution combustion synthesis of Î³-LiAlO 2	13886150	Journal of Thermal Analysis and Calorimetry	97	1	0	0	0	0	0		
8266	2009	Study on the influence of teos-diol molar ratio on their chemical interaction during the gelation process	13886150	Journal of Thermal Analysis and Calorimetry	97	1	0	0	0	0	0		
8267	2009	Studies regarding the improvement coagulation process of bega river water suspensions	347752	Revista De Chimie	60	8	0	0	0	0	0		
8268	2009	Municipal effluents treatment using chlorine dioxide and chlorine	347752	Revista De Chimie	60	7	0	0	0	0	0		
8269	2009	Experiences on grid shared data programming	1741847X	International Journal of Grid and Utility Computing	1	4	0	0	0	0	0		
8270	2009	Influence of settling tank sludge recycling on aluminum residual form distribution in treated water	347752	Revista De Chimie	60	6	0	0	0	0	0		
8271	2009	Studies on copper and zinc ions recovery from aqueous solutions by chemical precipitation	347752	Revista De Chimie	60	6	1	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8272	2009	Molecular descriptors for quantitative structure-toxicity relationship (QSTR): I. molecular compressibility descriptors in modeling the toxicity of aliphatic alcohols on tetrahymena pyriformis	347752	Revista De Chimie	60	6	0	0	0	0	0
8273	2009	Image denoising using a new implementation of the hyperanalytic wavelet transform	189456	IEEE Transactions on Instrumentation and Measurement	58	8	1	4	3	1	0
8274	2009	The environmental impact assessment caused by the dykes failure	15829596	Environmental Engineering and Management Journal	8	3	0	0	0	0	0
8275	2009	Modelling of depollution process in an aquifer through injection and extraction wells and treatment of polluted water at the ground surface	347752	Revista De Chimie	60	4	0	0	0	0	0
8276	2009	Use of ion exchange resin to remove the mercury from contaminated waters	347752	Revista De Chimie	60	4	1	1	0	0	0
8277	2009	Study on the treatment of exhaust gases at Diesel engines with the purpose of reducing the emissions of nitrogen oxides	347752	Revista De Chimie	60	4	0	0	0	0	0
8278	2009	Nitric acid activation of graphite granules to increase the performance of the non-catalyzed oxygen reduction reaction (ORR) for MFC applications	13882481	Electrochemistry Communications	11	7	7	7	1	4	6
8279	2009	Amplitude estimation by a multipoint interpolated DFT approach	189456	IEEE Transactions on Instrumentation and Measurement	58	5	0	1	0	0	0
8280	2009	Syntheses, spectroscopic and AFM characterization of some manganese porphyrins and their hybrid silica nanomaterials	14203049	Molecules	14	4	3	4	3	3	5
8281	2009	Decontaminate effect of the functionalized materials with undoped and doped (Ag) TiO2 nanocrystals	15829596	Environmental Engineering and Management Journal	8	2	0	0	0	1	0
8282	2009	An iteration procedure with application to van der pol oscillator	15651339	International Journal of Nonlinear Sciences and Numerical Simulation	10	3	0	1	1	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8283	2009	Studies about ammonium phosphates fertilizers with boron added as boric acid	347752	Revista De Chimie	60	3	0	1	0	0	0
8284	2009	Diode laser welding of ABS: Experiments and process modeling	303992	Optics and Laser Technology	41	5	3	4	5	1	6
8285	2009	On a hamiltonian version of the Rikitake system	15360040	SIAM Journal on Applied Dynamical Systems	8	1	1	2	0	1	3
8286	2009	Spectral methods in linear stability. Applications to thermal convection with variable gravity field	1689274	Applied Numerical Mathematics	59	6	1	1	2	1	1
8287	2009	Antioxidant activity of some phanerogam plant extracts	13446606	Food Science and Technology Research	15	1	0	1	1	2	1
8288	2009	An efficient solution for the single-step synthesis of 4CaO-Al ₂ O ₃ -Fe ₂ O ₃ powders	8842914	Journal of Materials Research	24	1	0	0	0	0	0
8289	2009	On the design of an obstacle avoiding trajectory: Method and simulation	3784754	Mathematics and Computers in Simulation	79	7	3	2	13	6	1
8290	2009	Studies regarding the recovery possibilities of heavy metals from waste catalysts resulted from CO conversion	347752	Revista De Chimie	60	1	0	0	0	0	0
8291	2009	Procedure concerning the mercury removal from municipal waste combustion flue gases	347752	Revista De Chimie	60	1	0	0	0	0	0
8292	2009	Frequency response analysis of current controllers for selective harmonic compensation in active power filters	2780046	IEEE Transactions on Industrial Electronics	56	2	18	14	9	10	19
8293	2009	General method for the synthesis of geared linkages with non-circular gears	0094114X	Mechanism and Machine Theory	44	4	1	4	5	2	6
8294	2009	Multifrequency signal analysis by Interpolated DFT method with maximum sidelobe decay windows	2632241	Measurement Journal of the International Measurement Confederation	42	3	7	16	8	6	9
8295	2009	The influence of combustion synthesis conditions on the γ -Al ₂ O ₃ powder preparation	222461	Journal of Materials Science	44	4	2	0	1	3	0
8296	2009	Multiscale modelling of damage processes in polycrystalline ceramic porous composites	10139826	Key Engineering Materials	399		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8297	2009	Investigation of Implant bone interface with non-invasive methods: Numerical simulation, strain gauges and optical coherence tomography	10139826	Key Engineering Materials	399		0	0	0	0	0		
8298	2009	Bulk amorphous soft magnetic iron based alloy with mechanical strength and corrosion resistance	10139826	Key Engineering Materials	399		0	0	0	0	0		
8299	2009	Evaluation of interlaminar damage and crack propagation through digital image correlation method	10139826	Key Engineering Materials	399		0	0	0	0	0		
8300	2009	Biomechanical 3D analysis of stress induced by orthodontic implants	10139826	Key Engineering Materials	399		0	0	0	0	0		
8301	2009	Stress analysis of the human skull due to the insertion of rapid palatal expander with Finite Element Analysis (FEA)	10139826	Key Engineering Materials	399		0	0	0	0	0		
8302	2009	Investigations regarding the thermoplastic resistance evaluation with simulated imperfections	10139826	Key Engineering Materials	399		0	0	0	0	0		
8303	2009	Fractal analysis of fracture surfaces of steel Charpy specimens	10139826	Key Engineering Materials	399		0	0	0	0	0		
8304	2009	Polyurethane foams behaviour. Experiments versus modeling	10139826	Key Engineering Materials	399		0	0	1	0	0		
8305	2009	Influence of cracks on the service life of concrete structures in a marine environment	10139826	Key Engineering Materials	399		0	2	2	3	4		
8306	2009	Synthesis and structural characterization of amino-functionalized polysaccharides	18951066	Central European Journal of Chemistry	7	1	1	0	1	1	0		
8307	2009	Kinked crack at a bi-material ceramic interface - Numerical determination of fracture parameters	9270256	Computational Materials Science	44	3	6	2	3	4	0		
8308	2009	Experimental research on bitumen preheating (fluidization) by using solar energy in passive mode	12900729	International Journal of Thermal Sciences	48	1	0	1	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8309	2009	Experimental and numerical determination of the chloride penetration in cracked concrete	9500618	Construction and Building Materials	23	1	15	10	12	12	11
8310	2008	Iterative learning-based fuzzy control system		Rose 2008 IEEE International Workshop on Robotic and Sensors Environments Proceedings			0	0	2	1	0
8311	2008	Towards a model and specification for visual programming of massively distributed embedded systems		Rose 2008 IEEE International Workshop on Robotic and Sensors Environments Proceedings			0	0	0	0	0
8312	2008	Building a knowledge share culture in a virtual organization. Case study for VRL-KCiP NoE		Methods and Tools for Effective Knowledge Life Cycle Management			0	0	0	0	0
8313	2008	CAD procedure for blade design of centrifugal pump impeller using conformal mapping method	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	70	4	0	0	1	0	0
8314	2008	Capitalization of wind potential using a modified Banki turbine	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	70	4	0	0	0	0	0
8315	2008	On the stable design of stable fuzzy control systems with iterative learning control		9th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics Cinti 2008			1	2	1	0	0
8316	2008	Power efficiency profile evaluation for wireless communication applications		Advances in Computer and Information Sciences and Engineering			0	0	0	0	0
8317	2008	Improving neural network performances - Training with negative examples		Novel Algorithms and Techniques in Telecommunications Automation and Industrial Electronics			0	0	0	0	0
8318	2008	Protensity in agent-oriented software. Role, paths, example	18419836	International Journal of Computers Communications and Control	3	SPL. ISS.	0	0	0	0	0
8319	2008	Graphical addenda in the technological area of the nodular iron cast rolls production	17858860	Acta Polytechnica Hungarica	5	4	1	2	0	0	0
8320	2008	Influence of multi-culturality in virtual teams		Methods and Tools for Effective Knowledge Life Cycle Management			0	0	0	0	1
8321	2008	Identification of polynomial phase signals by Extended kalman filtering	22195491	European Signal Processing Conference			0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8322	2008	Structural characteristics of some cobalt dental alloys after heat treatments	14732262	European Cells and Materials	16	SUPPL. 1	0	0	0	0	0
8323	2008	Enabling humans to control the ethical behaviour of persuasive agents		Social Dynamics of Information and Communication Technology			0	0	0	0	0
8324	2008	Using the pic16f84 microcontroller in intelligent stepper motor control	18446035	Journal of Electrical and Electronics Engineering	1	1	0	0	1	0	0
8325	2008	DC motor drive with PFC rectifier	18446035	Journal of Electrical and Electronics Engineering	1	1	0	0	0	0	0
8326	2008	Gyrators in electrical power management systems	18446035	Journal of Electrical and Electronics Engineering	1	1	0	0	0	0	0
8327	2008	Obstacles avoidance method for an autonomous mobile robot using two IR sensors	18446035	Journal of Electrical and Electronics Engineering	1	1	0	0	0	0	0
8328	2008	Shifted polynomials in a convection problem	19350090	Applied Mathematics and Information Sciences	2	2	0	0	0	0	0
8329	2008	Spinel preparation by combustion synthesis. the influence of synthesis conditions on the features of the resulted spinel MgAl2O4 powder	15833186	Revista Romana De Materiale Romanian Journal of Materials	38	2	0	1	0	0	0
8330	2008	Misunderstandings in global virtual engineering teams: Definitions, causes, and guidelines for knowledge sharing and interaction		Methods and Tools for Effective Knowledge Life Cycle Management			0	1	0	0	0
8331	2008	Fixed points and the stability of some classes of functional equations	15842851	Carpathian Journal of Mathematics	24	3	0	0	0	0	0
8332	2008	Influence of different phosphorus precursors on the electrical properties of the SiO2-P2O5 films obtained by sol-gel	18626351	Physica Status Solidi C Current Topics in Solid State Physics	5	10	0	0	1	0	0
8333	2008	Some aspects concerning the amplitude estimation of a sine wave by energy-based method		16th Imeko Tc4 Int Symp Exploring New Frontiers of Instrum and Methods for Electrical and Electronic Measurements 13th Tc21 Int Workshop on ADC Modelling and Testing Joint Session Proc			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8334	2008	A new method for via capacitance control for high speed PCB design		2008 31st International Spring Seminar on Electronics Technology Reliability and Life Time Prediction Isse 2008			0	0	0	0	0
8335	2008	Optical glass compatibility for the design of apochromatic systems	0350820X	Science of Sintering	40	2	0	0	0	0	1
8336	2008	Spectral absorption of unpolarized light through nano-materials in the absence of a magnetic field	0350820X	Science of Sintering	40	3	0	0	0	0	0
8337	2008	Avoiding segmentation in multi-digit numeral string recognition by combining single and two-digit classifiers trained without negative examples		Proceedings of the 2008 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2008			1	6	1	1	1
8338	2008	NiSiDe: Interactive tool for understanding distributed software		Proceedings of the 2008 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2008			0	0	0	0	0
8339	2008	DL-agentrecom - A multi-agent based recommendation system for scientific documents		Proceedings of the 2008 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2008			0	0	0	1	0
8340	2008	Designing a dynamic replication engine for grid shared data programming		Proceedings of the 2008 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2008			0	0	0	0	0
8341	2008	Analytic approximate periodic solutions based on harmonic analysis		Proceedings of the 2008 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2008			0	0	0	1	0
8342	2008	Towards a reverse engineering dataflow analysis framework for java and C++		Proceedings of the 2008 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2008			0	2	2	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8343	2008	Off-line recognition of handwritten numeral strings composed from two-digits partially overlapped using convolutional neural networks		Proceedings 2008 IEEE 4th International Conference on Intelligent Computer Communication and Processing Iccp 2008			0	0	0	0	0		
8344	2008	Generating logic-based representations for programs		Proceedings 2008 IEEE 4th International Conference on Intelligent Computer Communication and Processing Iccp 2008			0	0	0	0	0		
8345	2008	The use of the medical ontology for a semantic-based fusion system in biomedical informatics: Application to Alzheimer disease		Proceedings 2008 IEEE 4th International Conference on Intelligent Computer Communication and Processing Iccp 2008			0	0	0	0	0		
8346	2008	Global Gabor features for rotation invariant object classification		Proceedings 2008 IEEE 4th International Conference on Intelligent Computer Communication and Processing Iccp 2008			0	0	0	0	0		
8347	2008	Using data aggregation to prolong the lifetime of wide-area wireless sensor networks		Proceedings 2008 IEEE 4th International Conference on Intelligent Computer Communication and Processing Iccp 2008			0	0	0	0	0		
8348	2008	Impact of coverage preservation techniques on prolonging the network lifetime in traffic surveillance applications		Proceedings 2008 IEEE 4th International Conference on Intelligent Computer Communication and Processing Iccp 2008			0	0	1	0	2		
8349	2008	Reliable field of view coverage in video-camera based wireless networks for traffic management applications		Proceedings of the 8th IEEE International Symposium on Signal Processing and Information Technology Isspit 2008			0	0	0	0	0		
8350	2008	Aspects regarding the object following control procedure for wheeled mobile robots	19918763	Wseas Transactions on Systems and Control	3	6	0	0	0	0	1		
8351	2008	Stabilization of fuzzy control systems	19918763	Wseas Transactions on Systems and Control	3	10	0	3	0	0	0		
8352	2008	L1(Rd, dx)-Uniqueness of weak solutions for the Fokker-Planck equation associated with a class of Dirichlet operators	10796762	Electronic Research Announcements of the American Mathematical Society	15		0	0	0	0	0		
8353	2008	Low-cost fuzzy logic approach to ship course control	13342630	Proceedings Elmar International Symposium Electronics in Marine	2		0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8354	2008	On using phase data information for pipeline leak location		IEEE Convention of Electrical and Electronics Engineers in Israel Proceedings			0	1	0	1	0	
8355	2008	Determination of the effective magnetic anisotropy constant of ferrite nanoparticles dispersed in organic matrix	9731458	Indian Journal of Physics	82	12	0	0	0	0	0	
8356	2008	Bifurcation and chaotic aspects in peak current controlled buck-boost converters	11092734	Wseas Transactions on Circuits and Systems	7	7	0	0	1	0	0	
8357	2008	Structural investigation concerning mechanical behaviour of two dental acrylic resins	255289	Materiale Plastice	45	4	0	0	0	1	0	
8358	2008	Researches concerning the ultrasonic energy's influence over the resistance at extraction of the metallic insertion from the rubber matrix	255289	Materiale Plastice	45	4	2	1	0	1	0	
8359	2008	Linear and fuzzy control solutions for a laboratory anti-lock braking system		Sisy 2008 6th International Symposium on Intelligent Systems and Informatics			1	0	1	1	0	
8360	2008	Pole placement approaches for linear and fuzzy systems		Sisy 2008 6th International Symposium on Intelligent Systems and Informatics			0	0	0	0	0	
8361	2008	Identification of distributed parameter systems based on multivariable estimation and wireless sensor networks		Winsys 2008 International Conference on Wireless Information Networks and Systems Proceedings			0	0	0	0	0	
8362	2008	A hybrid watermarking technique using singular value decomposition		Have 2008 IEEE International Workshop on Haptic Audio Visual Environments and Games Proceedings			0	0	0	0	0	
8363	2008	Solution combustion synthesis of MgAl ₂ O ₄ using fuel mixtures	255408	Materials Research Bulletin	43	12	3	5	1	2	2	
8364	2008	A practical preprocessing treatment for pipeline leak locating improving		IEEE International Conference on Emerging Technologies and Factory Automation ETFA			0	0	0	1	0	
8365	2008	Error-model driven analysis of quantum circuits reliability		2008 8th IEEE Conference on Nanotechnology IEEE Nano			0	0	0	0	0	
8366	2008	Researches of high frequency welding process validation for same polymers	255289	Materiale Plastice	45	3	0	0	0	0	0	
8367	2008	In situ FTIR spectroelectrochemistry of poly[2-(3-thienyl)ethyl acetate] and its hydrolyzed derivatives	134686	Electrochimica Acta	53	24	0	2	0	0	1	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8368	2008	Electromagnetic, thermal and mechanical design of a linear PM valve actuator laboratory model		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	1	0	1	0		
8369	2008	FEM analysis and control of a tapered airgap single phase PMSM		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			1	1	0	0	1		
8370	2008	Analytical model of the synchronous reluctance motor with axially laminated rotor for optimization purpose		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	3	0	0		
8371	2008	Currents closing via the copper ribbon of MV cables at single-phase short-circuits on the HV side of a 110/20 kV station		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	0		
8372	2008	Implementation of speed controller for switched reluctance motor drive using fuzzy logic		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	1	0	0	0		
8373	2008	Modified Z-source single-phase inverter for single-phase PM synchronous motor drives		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	0		
8374	2008	Control system for ultrasonic welding devices		2008 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2008 Theta 16th Edition Proceedings	2		0	2	2	1	0		
8375	2008	I-F starting method with smooth transition to EMF based motion-sensorless vector control of PM synchronous motor/generator	2759306	PESC Record IEEE Annual Power Electronics Specialists Conference			10	9	9	5	14		
8376	2008	On the combination of tensor product and fuzzy models		2008 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2008 Theta 16th Edition Proceedings	2		1	0	1	0	0		
8377	2008	SmartModels - An MDE platform for the management of software product lines		2008 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2008 Theta 16th Edition Proceedings	3		0	0	0	0	0		
8378	2008	Issues regarding the modeling and simulation of wind energy conversion system's components		2008 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2008 Theta 16th Edition Proceedings	2		0	0	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8379	2008	Hierarchical approach for intelligent lighting control in future urban environments		2008 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2008 Theta 16th Edition Proceedings	1		0	0	0	1	0
8380	2008	Modeling and design of a grid connection control mode for a small variable-speed wind turbine system	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	0	0
8381	2008	Robust watermarking with high bit rate		Proceedings 3rd International Conference on Internet and Web Applications and Services Iciw 2008			0	0	0	0	0
8382	2008	Considerations regarding the use of EPO 99 B resin in manufacturing AXIAL hydraulic machinery runners	255289	Materiale Plastice	45	2	0	0	1	3	0
8383	2008	Optimization of a polymeric rod from plants conveying equipment	255289	Materiale Plastice	45	2	0	0	0	0	0
8384	2008	A new analytical approach to nonlinear vibration of an electrical machine	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	9	3	6	8	6	5	6
8385	2008	On a problem of bernard chevreau concerning the .-contractions	29939	Proceedings of the American Mathematical Society	136	9	1	0	0	0	0
8386	2008	Voltammetric detection of urea on an Ag-modified zeolite-expanded graphite-Epoxy composite electrode	14248220	Sensors	8	9	7	1	2	1	2
8387	2008	Permanganate formation in the reactions of ozone with Mn(II): A mechanistic study	37214	Journal of Water Supply Research and Technology Aqua	57	6	2	6	3	3	3
8388	2008	Using plausible reasoning in modular robots kinematics		12th International Conference on Intelligent Engineering Systems Proceedings Ines 2008			0	0	0	0	0
8389	2008	Techniques of analysing the colour of produces for automatic classification		12th International Conference on Intelligent Engineering Systems Proceedings Ines 2008			0	0	0	0	0
8390	2008	Experimental researches meant to improve the quality of continuous cast semi-finished sections	15822214	Metalurgia International	13	11	0	0	0	0	0
8391	2008	Optimal homotopy asymptotic method with application to thin film flow	18951082	Central European Journal of Physics	6	3	10	19	9	13	7

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8392	2008	Optimisation of TA6V alloy surface laser texturing using an experimental design approach	1438166	Optics and Lasers in Engineering	46	9	0	1	2	2	6
8393	2008	About cavitation erosion resistance of the martensitic stainless steel from zones reconditioned by welding	15822214	Metalurgia International	13	10	0	0	0	0	0
8394	2008	Numerical simulating of thermal stratification phenomena in steel ladles	15822214	Metalurgia International	13	10	0	0	0	0	0
8395	2008	Determination of the moulding time of alloys processed in a semi-solid state	15822214	Metalurgia International	13	12	1	0	0	0	0
8396	2008	Logical reliability of interacting real-time tasks	15301591	Proceedings Design Automation and Test in Europe Date			0	0	0	0	2
8397	2008	About cavitation erosion resistance of the austenitic stainless steel heat treated	15822214	Metalurgia International	13	9	0	0	0	0	0
8398	2008	Rare earths micro-allied materials used for manufacturing modulated elements constituting tools for forging	432288	Welding in the World	52	SPEC. ISS	0	0	0	0	0
8399	2008	XPS, EPMA and microstructural analysis of a defective industrial plasma-nitrided steel	2578972	Surface and Coatings Technology	202	24	0	1	1	0	1
8400	2008	Control of electrical drives based on fuzzy logic	19918763	Wseas Transactions on Systems and Control	3	8	1	3	0	0	0
8401	2008	A possible new ultrasonic thermo-pellicular effect and applications	19606206	International Journal of Material Forming	1	SUPPL. 1	0	0	0	0	0
8402	2008	Electrochemical sensing and assessment of parabens in hydro-alcoholic solutions and water using a boron-doped diamond electrode	14248220	Sensors	8	7	6	5	3	1	3
8403	2008	W-like states of N uncoupled spins 1/2	19516355	European Physical Journal Special Topics	160	1	0	0	0	1	0
8404	2008	Structural analysis and design assisted by testing of cold-formed steel structures	2638231	Thin Walled Structures	46	07-Sep	1	2	2	1	1
8405	2008	Coupling of fully automated chip-based electrospray ionization to high-capacity ion trap mass spectrometer for ganglioside analysis	32697	Analytical Biochemistry	378	1	3	4	3	1	3

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8406	2008	Application of Optimal Homotopy Asymptotic Method for solving nonlinear equations arising in heat transfer	7351933	International Communications in Heat and Mass Transfer	35	6	27	26	22	15	16
8407	2008	Pseudoharmonic oscillator and their associated Gazeau-Klauder coherent states	3784371	Physica A Statistical Mechanics and Its Applications	387	16-17	1	0	0	1	0
8408	2008	The influence of micro-coolants on mechanical proprieties of the carbon steels	15822214	Metalurgia International	13	4	0	0	0	0	0
8409	2008	New methods and analysis functioning techniques for cooling bed tool of the profile laminators	15822214	Metalurgia International	13	5	0	0	0	0	0
8410	2008	The effects of the thermal fatigue upon the hot rolling mill cylinders	15822214	Metalurgia International	13	5	1	0	0	0	0
8411	2008	Experimental research regarding the technological parameters of a new method of processing in the semisolid state	15822214	Metalurgia International	13	6	1	0	0	0	0
8412	2008	Laboratory stage experiments on the semisolid state steel die forging	15822214	Metalurgia International	13	6	0	0	0	0	0
8413	2008	Cavitation erosion resistance of the austenitic stainless steel from welding reconditioned hydraulic turbine blades zones	15822214	Metalurgia International	13	6	0	0	0	0	0
8414	2008	Training neural networks using input data characteristics	15827445	Advances in Electrical and Computer Engineering	8	2	1	0	0	0	1
8415	2008	A genetic algorithm approach to DNA microarrays analysis of pancreatic cancer	15827445	Advances in Electrical and Computer Engineering	8	2	0	0	0	0	0
8416	2008	On-electrode autonomous current generator for multi-frequency EIT	9673334	Physiological Measurement	29	6	0	1	0	0	0
8417	2008	A study of the 42CrMo4 steel surface by quantitative XPS electron spectroscopy	1694332	Applied Surface Science	254	15	1	0	1	1	2
8418	2008	Monitoring the processing temperature of the polymeric matrix composite materials	255289	Materiale Plastice	45	1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8419	2008	Study by thermal methods of physico-mechanical properties of polycarbonate used for high performance sport products	255289	Materiale Plastice	45	1	0	0	0	0	1
8420	2008	On the behaviour of elastic elements belonging to the elastic tram wheel at particular loading	255289	Materiale Plastice	45	1	0	0	0	0	0
8421	2008	Flow investigations in achard turbine	14549069	Proceedings of the Romanian Academy Series A Mathematics Physics Technical Sciences Information Science	9	2	2	0	0	0	2
8422	2008	Kinetics of thermal decomposition of some nitrophosphate fertilizers with micronutrients in isothermal conditions	13886150	Journal of Thermal Analysis and Calorimetry	92	2	0	0	0	0	0
8423	2008	Hexavalent chromium reduction with scrap iron in continuous-flow system. Part 1: Effect of feed solution pH	3043894	Journal of Hazardous Materials	153	01-Feb	6	4	3	5	2
8424	2008	Dental scanning in CAD/CAM technologies: Laser beams	16057422	Progress in Biomedical Optics and Imaging Proceedings of SPIE	6843		1	0	0	1	0
8425	2008	Microleakage in dentistry: New methods for investigating the gaps in biomaterials	16057422	Progress in Biomedical Optics and Imaging Proceedings of SPIE	6843		0	0	0	0	0
8426	2008	The infrared thermography control of the laser welding of amorphous polymers	9638695	NDT and E International	41	3	2	9	9	6	2
8427	2008	Synthesis and characterization of phosphonate ester/phosphonic acid grafted styrene - Divinylbenzene copolymer microbeads and their utility in adsorption of divalent metal ions in aqueous solutions	8885885	Industrial and Engineering Chemistry Research	47	6	3	1	2	0	3
8428	2008	A unified treatment of deterministic and random transients in electrical circuits	11092734	Wseas Transactions on Circuits and Systems	7	3	0	0	0	0	0
8429	2008	3D image sensors, an overview	11099445	Wseas Transactions on Electronics	5	3	1	1	0	0	0
8430	2008	Mathematical approaches in the area afferent to the cast iron rolls manufacturing process	15822214	Metalurgia International	13	2	0	0	0	0	0
8431	2008	Synthesis and colour assessment of some new stilbene AZO dyes	353930	Revue Roumaine De Chimie	53	2	1	0	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8432	2008	Application of the variational iteration method to some nonlinear one-dimensional oscillations	256455	Meccanica	43	1	0	0	2	0	0
8433	2008	The application of the random balance method in laser machining of metals	9240136	Journal of Materials Processing Technology	196	01-Mar	2	0	2	2	0
8434	2008	Performance of a direct methanol alkaline membrane fuel cell	3787753	Journal of Power Sources	175	1	4	4	1	1	3
8435	2008	The women entrepreneurship in Romania	2346612X	Proceedings of the International Conference of Daaam Baltic Industrial Engineering			0	0	0	0	0
8436	2008	Study regarding innovation and entrepreneurship in Romanian SMEs	2346612X	Proceedings of the International Conference of Daaam Baltic Industrial Engineering			0	0	0	0	0
8437	2008	Increase of precision and efficiency of laser cutting by means of optical system optimization	2346612X	Proceedings of the International Conference of Daaam Baltic Industrial Engineering			0	0	0	0	0
8438	2008	Energetical optimization of water distribution systems in large urban centers	3246051	Periodica Polytechnica Mechanical Engineering	52	2	0	1	0	0	0
8439	2008	Ft-ir, fluorescence and electronic spectra for monitoring the aggregation process of tetra-pyridylporphyrine entrapped in silica matrices	18426573	Optoelectronics and Advanced Materials Rapid Communications	2	7	1	0	0	1	0
8440	2008	Finite element method applied in modelling perturbations on printed circuit boards	18276660	International Review of Electrical Engineering	3	2	0	0	0	0	0
8441	2008	The soft-starters modeling, simulations and control implementation for 2 MW constant-speed Wind turbines	18276660	International Review of Electrical Engineering	3	1	0	0	0	0	0
8442	2008	The finite element method in shielding problems	18276660	International Review of Electrical Engineering	3	1	0	0	0	0	0
8443	2008	Method for determination of an emission factor for a surface source	18426573	Optoelectronics and Advanced Materials Rapid Communications	2	12	2	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8444	2008	Fault tolerance issues in non-traditional grids implemented with intelligent agents		Proceedings of the 2008 International Conference on Computer and Electrical Engineering Iccce 2008			0	0	0	0	0
8445	2008	Ferrofluids and magnetorheological fluids		Cimtec 2008 Proceedings of the 3rd International Conference on Smart Materials Structures and Systems Smart Materials and Micro Nanosystems	54		3	8	6	6	8
8446	2008	Elementary symmetric functions of two solvents of a quadratic matrix equation	344877	Reports on Mathematical Physics	62	3	0	0	0	0	0
8447	2008	Automatic breast cancer grading of histopathological images		Proceedings of the 30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society EMBS 08 Personalized Healthcare Through Technology			9	4	10	6	3
8448	2008	Dual high-strength steel eccentrically braced frames with removable links	988847	Earthquake Engineering and Structural Dynamics	37	15	19	18	22	17	22
8449	2008	Gain-scheduling and iterative feedback tuning of PI controllers for longitudinal slip control		Iccc 2008 IEEE 6th International Conference on Computational Cybernetics Proceedings			0	0	0	0	0
8450	2008	Determination of 4-chlorophenol using two types of graphite-based composite electrodes	353930	Revue Roumaine De Chimie	53	8	0	2	2	0	0
8451	2008	Image contrast enhancement using morphological decomposition by reconstruction	11092734	Wseas Transactions on Circuits and Systems	7	8	1	1	1	0	0
8452	2008	A complete analyze of using shift registers in cryptosystems for Grade 4, 8 and 16 irreducible polynomials	11092750	Wseas Transactions on Computers	7	10	0	0	0	0	0
8453	2008	Power efficiency study of multi-threading applications for multi-core mobile systems	11092750	Wseas Transactions on Computers	7	12	0	0	0	0	0
8454	2008	The degradation of phenol derivates from wastewaters by electrochemical treatment	17433541	Wit Transactions on Ecology and the Environment	111		0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8455	2008	Synthesis of aminophosphonates grafted on styrene divinylbenzene copolymer	255289	Materiale Plastice	45	4	0	0	0	1	0
8456	2008	Studies regarding surface water treatment using a microfiltration-ultrafiltration pilot plant	15829596	Environmental Engineering and Management Journal	7	6	1	1	0	0	0
8457	2008	A comparative study of two groundwater treatment pilot plants	17433541	Wit Transactions on Ecology and the Environment	111		0	0	0	1	0
8458	2008	Web 2.0 technologies for digital students		Mccsis 08 Iadis Multi Conference on Computer Science and Information Systems Proceedings of E Learning 2008	1		0	0	0	0	0
8459	2008	Synthesis of bis-ureas from Bis(o-nitrophenyl) carbonate	14203049	Molecules	13	12	0	0	0	1	0
8460	2008	Structural studies of some o- and p-nitrophenylcarbamates by IR spectroscopy and X-ray diffraction	9320776	Zeitschrift Fur Naturforschung Section B Journal of Chemical Sciences	63	12	0	0	0	0	0
8461	2008	Frequency control for ultrasonic piezoelectric transducers, based on the movement current		Icinco 2008 5th International Conference on Informatics in Control Automation and Robotics Proceedings	SPSMC		1	0	0	0	0
8462	2008	BEGA starter/alternator - Vector control implementation and performance for wide speed range at unity power factor	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society			0	0	0	0	0
8463	2008	Redundancy at link level for non-traditional grids implemented with intelligent agents		Proceedings 4th International Conference on Networked Computing and Advanced Information Management Ncm 2008	1		0	0	0	0	0
8464	2008	Sorption characteristics of phosphate and thiocyanate anions on multicomponent Mg/Ni-Al -type hydrotalcites	353930	Revue Roumaine De Chimie	53	3	0	0	0	1	0
8465	2008	Inter-task communication and synchronization in the hard real-time compact Kernel HARETICK		Rose 2008 IEEE International Workshop on Robotic and Sensors Environments Proceedings			0	0	0	0	0
8466	2008	Electron-phonon interaction in cylindrical nanostructures	15461955	Journal of Computational and Theoretical Nanoscience	5	7	0	0	0	0	0
8467	2008	Colour and tinctorial behaviour of some chromogens derivatives of 4,4- ² - Diaminostilbene-2,2- ² -disulphonic acid	347752	Revista De Chimie	59	12	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8468	2008	Azoic compounds obtained from 1H-5-amino-4-ethoxycarbonyl-3-methyl-pyrazole and phenols or phenolic derivatives	347752	Revista De Chimie	59	12	0	0	0	0	0
8469	2008	Research concerning improvement of uranium waste dumps through diminution 226Ra and Unat radionuclides migration	347752	Revista De Chimie	59	11	0	0	0	0	0
8470	2008	Studies on sodium borohydride fuel cells	347752	Revista De Chimie	59	12	0	0	0	0	0
8471	2008	Efficient use of antioxidants to preserve fruit juice	347752	Revista De Chimie	59	12	1	1	1	0	0
8472	2008	Studies on process of obtaining the fertilizers based on ammonium phosphates with addition of boric acid	347752	Revista De Chimie	59	12	0	0	0	0	0
8473	2008	Emergent exploration and resource gathering in collaborative robotic environments		Rose 2008 IEEE International Workshop on Robotic and Sensors Environments Proceedings			0	0	0	0	2
8474	2008	Predictable data communication interface for hard real-time systems		Rose 2008 IEEE International Workshop on Robotic and Sensors Environments Proceedings			0	0	1	0	1
8475	2008	Colour study in CIELAB space on natural colorants from vaccinium vitis - Idaea fruits	347752	Revista De Chimie	59	10	0	0	0	0	0
8476	2008	Modelling and simulation of NO2 dispersion phenomenon in atmosphere by analytical-experimental methods	347752	Revista De Chimie	59	10	0	0	1	0	0
8477	2008	The sulphur and iron metabolism in acidophilic microbial gelatinous formations from an auriferous sulphides mine from the South-West of Romania	347752	Revista De Chimie	59	10	0	0	0	0	0
8478	2008	Mixed mode crack propagation in advanced materials	14544164	Journal of Optoelectronics and Advanced Materials	10	11	0	0	0	0	0
8479	2008	Active flux concept for motion-sensorless unified AC drives	8858993	IEEE Transactions on Power Electronics	23	5	25	31	29	35	54

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8480	2008	Combining thermo-photo elasticity for analysis of cracked bodies	14544164	Journal of Optoelectronics and Advanced Materials	10	11	0	0	0	0	0
8481	2008	Experimental analysis of the effects of agent synchronization in asynchronous search algorithms	2181940	International Journal of Software Engineering and Knowledge Engineering	18	5	0	0	0	0	0
8482	2008	Towards a quantization of gauge fields on de Sitter group by functional integral method	14346044	European Physical Journal C	57	4	0	0	0	0	0
8483	2008	Effect of berries extracts on the oxidative stability of Silybum marianum oil and its 20% oil-in-water emulsion	347752	Revista De Chimie	59	9	0	0	0	0	0
8484	2008	Bionanomaterials: Thermal stability of the oleic acid / Î±- and Î²-cyclodextrin complexes	347752	Revista De Chimie	59	9	2	1	3	3	0
8485	2008	Systematic studies regarding the introduction of a new product in the flow of drinking water of an atypical surface source	347752	Revista De Chimie	59	9	0	0	1	0	0
8486	2008	Mobile robot navigation with obstacle avoidance capability		2008 13th International Power Electronics and Motion Control Conference EPE Pcmc 2008			0	0	0	0	0
8487	2008	Type highlighting: A client-driven visual approach for class hierarchies reengineering		Proceedings 8th IEEE International Working Conference on Source Code Analysis and Manipulation Scam 2008			0	0	0	0	0
8488	2008	New synthetic esters with a complex structure considered as tribological fluids		Technische Akademie Esslingen International Tribology Colloquium Proceedings	16		0	0	0	0	0
8489	2008	Study on the obtaining of cobalt oxides by thermal decomposition of some complex combinations, undispersed and dispersed in SiO ₂ matrix	13886150	Journal of Thermal Analysis and Calorimetry	94	2	6	5	12	3	29
8490	2008	Comparative study regarding the formation of La _{1-x} Sr _x CrO ₃ perovskite using unconventional synthesis methods	13886150	Journal of Thermal Analysis and Calorimetry	94	2	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8491	2008	Amperometric detection of 4-chlorophenol on two types of expanded graphite based composite electrodes	10400397	Electroanalysis	20	22	0	0	1	1	1
8492	2008	Cation contents in natural mineral waters of Romania determined with the HPIC method	14590255	Journal of Food Agriculture and Environment	6	03-Apr	0	0	0	0	0
8493	2008	Copper(II) oxalate obtained through the reaction of 1,2-ethanediol with Cu(NO ₃) ₂ ·3H ₂ O:Structural investigations and thermal analysis	13886150	Journal of Thermal Analysis and Calorimetry	94	1	1	1	0	0	0
8494	2008	Dynamic fracture toughness of polyurethane foam	1429418	Polymer Testing	27	8	2	3	5	0	2
8495	2008	Simultaneous determination of 4-chlorophenol and oxalic acid using an expanded graphite-epoxy composite electrode	10400397	Electroanalysis	20	15	0	1	1	2	0
8496	2008	Research upon the quality assurance of the rolling-mill rolls and the variation boundaries of the chemical composition	348570	Revista De Metalurgia Madrid	44	4	1	2	0	0	0
8497	2008	Failure of polyurethane foams under different loading conditions	10139826	Key Engineering Materials	385-387		0	0	0	0	1
8498	2008	Normalized frequency estimation for accurate dynamic characterization of A/D converters by means of the three-parameters sine-fit algorithm	2632241	Measurement Journal of the International Measurement Confederation	41	9	0	1	0	0	1
8499	2008	Building universal current-mode biquad active filters using CMOS linear transconductance elements		4th European Conference on Circuits and Systems for Communications Eccsc 08			0	0	0	0	0
8500	2008	The effect of berries extract addition on the phenolic content and on the colour of ros� and white wines	347752	Revista De Chimie	59	8	0	0	0	0	0
8501	2008	Degradation of p-chlorophenol by advanced oxidation processes	347752	Revista De Chimie	59	8	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8502	2008	Video-based wireless sensor networks localization technique based on image registration and SIFT algorithm	11092750	Wseas Transactions on Computers	7	7	0	0	0	0	0
8503	2008	Application of new organic fuels in the direct MgAl ₂ O ₄ combustion synthesis	14341948	European Journal of Inorganic Chemistry		6	3	3	2	0	2
8504	2008	Peculiarities of CaO-6Al ₂ O ₃ formation by using low-temperature combustion synthesis	14341948	European Journal of Inorganic Chemistry		6	2	1	1	1	1
8505	2008	Experiences on grid shared data programming		Proceedings Cisis 2008 2nd International Conference on Complex Intelligent and Software Intensive Systems			0	0	0	0	0
8506	2008	Novel motion sensorless control of high-speed small-power surface mount PMSM drives: With experiments		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	1
8507	2008	A switched reluctance motor drive model using standard simulink library components		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	0
8508	2008	Stationarity index based segmentation approach in leak locating systems		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	0
8509	2008	25 kW, 15 krpm, 6/4 PMSM: Optimal design and torque pulsation reduction via FEM		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	2	0	1	0
8510	2008	Measurement techniques for determination of shielding effectiveness characterizing shielded coaxial cables		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	1
8511	2008	FEM analysis of concentrated coils nonuniform slot (6+6/8) IPMSM fed with trapezoidal current		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			1	0	0	0	0
8512	2008	A new algorithm and device for absolute linear encoders dedicated to long distance applications		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	0
8513	2008	"Active Flux" Orientation Vector Sensorless Control of IPMSM		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	1	2

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8514	2008	Estimation of noise in ECG signals using wavelets		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	1	0
8515	2008	Multimedia interfaces in the control process of smart buildings using 3D scenes, flash animations and relational databases		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	0
8516	2008	Enhanced current-sensorless drive system for PMSMS using two hall-effect sensors for wide speed range		11th International Conference on Optimization of Electrical and Electronic Equipment Optim 2008			0	0	0	0	0
8517	2008	Dynamic reconfiguration of mixed-domain embedded systems for applications with variable performance requirements		Proceedings of the 2008 NASA ESA Conference on Adaptive Hardware and Systems AHS 2008			0	0	0	0	0
8518	2008	Using a cryptographic authentication protocol for the secure control of a robot over TCP/IP		2008 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2008 Theta 16th Edition Proceedings	1		0	0	1	0	1
8519	2008	Java implementation of an authentication protocol with application on mobile phones		2008 IEEE International Conference on Automation Quality and Testing Robotics Aqtr 2008 Theta 16th Edition Proceedings	1		0	0	0	0	0
8520	2008	Probabilistic power flow approach for complex power system analysis		2008 Conference on Human System Interaction Hsi 2008			0	0	0	0	0
8521	2008	Fault Detection and Diagnosis (FDD) in Heating Ventilation Air Conditioning systems (HVAC) using an Interactive Multiple Model Augmented Unscented Kalman Filter (IMMAUKF)		2008 Conference on Human System Interaction Hsi 2008			0	1	0	1	1
8522	2008	Cryptographic authentication on the communication from an 8051 based development board over UDP		Proceedings the 3rd International Conference on Internet Monitoring and Protection Icomp 2008			0	0	0	0	0
8523	2008	Indoor navigation of a wheeled mobile robot		2008 Conference on Human System Interaction Hsi 2008			0	0	0	0	0
8524	2008	Experimental validation of iterative feedback tuning solutions for inverted pendulum crane mode control		2008 Conference on Human System Interaction Hsi 2008			1	1	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8525	2008	Stable iterative feedback tuning-based design of Takagi-Sugeno PI-fuzzy controllers		2008 Conference on Human System Interaction Hsi 2008			0	0	0	0	0		
8526	2008	Uncertainty analysis of the normalized frequency estimation of a sine wave by three-point interpolated DFT method		Amuem 2008 IEEE Workshop on Advanced Methods for Uncertainty Estimation Measurement Proceedings			0	0	0	0	0		
8527	2008	Knowledge-guided semantic indexing of breast cancer histopathology images		Biomedical Engineering and Informatics New Development and the Future Proceedings of the 1st International Conference on Biomedical Engineering and Informatics Bmei 2008	2		3	2	1	2	3		
8528	2008	Floating point multiplication rounding schemes for interval arithmetic	21600511	Proceedings of the International Conference on Application Specific Systems Architectures and Processors			0	0	0	0	0		
8529	2008	Fuzzy control system performance enhancement by iterative learning control	2780046	IEEE Transactions on Industrial Electronics	55	9	4	6	6	7	11		
8530	2008	Rotation speed and wind speed indirect measurement methods for the control of windmills with fixed blades turbine	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	0	1		
8531	2008	A new weighted multipoint interpolated DFT approach for high-accuracy amplitude estimation	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	0	0		
8532	2008	A view on mobile terminal power efficiency of wireless communication	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	0	0		
8533	2008	Sorption of phosphates and thiocyanates on isomorphic substituted Mg/Zn-Al-type hydrotalcites	3525139	Journal of the Serbian Chemical Society	73	08-Sep	0	0	0	1	0		
8534	2008	Reverse engineering for injection parts	255289	Materiale Plastice	45	2	0	0	0	0	0		
8535	2008	Influence of systematic errors on a sine wave frequency estimation by means of interpolated DFT method		2008 3rd International Symposium on Communications Control and Signal Processing ISCCSP 2008			0	0	0	0	0		
8536	2008	Studies regarding the removing of mercury from soil using Na-EDTA, Na 2S2O3 and KI solutions	347752	Revista De Chimie	59	6	1	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
8537	2008	About the contribution of anodic dissolution at erosive balance by processing through complex electric - Electrochemical erosion	347752	Revista De Chimie	59	6	0	0	0	0	0
8538	2008	The experimental validation of the analytical model, used to study the dynamic behaviour of a multilayer composite structure	255289	Materiale Plastice	45	2	0	0	1	0	0
8539	2008	Mercury removing from the contaminated soil using KI solution. The pH influence	347752	Revista De Chimie	59	7	1	0	0	0	0
8540	2008	Bionanomaterials: Synthesis, physico-chemical and multivariate analyses of the dicotyledonatae and pinatae essential oil/ β - Cyclodextrin nanoparticles	347752	Revista De Chimie	59	7	0	1	0	0	0
8541	2008	Anodic oxidation of some 1H-3-methyl-4-ethoxycarbonyl-5-arilidenhydrazino- pyrazoles: Substitution effects and linear free energy relationships	347752	Revista De Chimie	59	6	0	0	0	0	0
8542	2008	Stable fuzzy control systems with iterative feedback tuning		12th International Conference on Intelligent Engineering Systems Proceedings Ines 2008			1	2	0	0	0
8543	2008	Understanding the impact of distribution in object-oriented distributed systems using structural program dependencies	15345351	Proceedings of the European Conference on Software Maintenance and Reengineering CSMR			0	0	0	0	0
8544	2008	PWM encoding method for wireless communication in sensor networks	11092734	Wseas Transactions on Circuits and Systems	7	4	0	0	0	0	0
8545	2008	Rheological characterization of complex fluids in electro-magnetic fields	3770257	Journal of Non Newtonian Fluid Mechanics	154	1	1	0	3	0	1
8546	2008	Real time trajectory based hand gesture recognition	17900832	Wseas Transactions on Information Science and Applications	5	4	0	0	0	1	1
8547	2008	A low cost CPLD-based ultrasonic flowmeter	11092734	Wseas Transactions on Circuits and Systems	7	3	0	0	0	0	0
8548	2008	Real time representation of 3D sensor depth images	11099445	Wseas Transactions on Electronics	5	3	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8549	2008	Studies on the polyphenolics compounds extraction from vaccinium fruits	347752	Revista De Chimie	59	5	1	0	0	0	0
8550	2008	N,N- ϵ^2 -diphtalimidylcarbonate used in synthesis of unsymmetrical organic carbonates with applications in peptide synthesis	347752	Revista De Chimie	59	5	0	0	0	0	0
8551	2008	Study on the inhibition process of the natural juice degradation under different thermal treatments through pasteurization	347752	Revista De Chimie	59	5	0	0	0	0	0
8552	2008	A new watermarking method based on the use of the hyperanalytic wavelet transform	0277786X	Proceedings of SPIE the International Society for Optical Engineering	7000		0	0	0	1	0
8553	2008	Design of experiments applied to the study of the reaction between phenylphosphonic dichloride with bisphenol by inverse phase transfer catalysis method	323888	Polymer Engineering and Science	48	7	0	0	1	1	0
8554	2008	SONAR images despeckling using a bayesian approach in the wavelet domain	0277786X	Proceedings of SPIE the International Society for Optical Engineering	7000		0	0	0	0	0
8555	2008	Euler-Lagrange-Hamilton dynamics with fractional action	11092769	Wseas Transactions on Mathematics	7	1	2	2	1	0	0
8556	2008	Designing an architecture for distributed shared data on the grid	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	5022 LNCS		0	0	0	0	0
8557	2008	Modelling and automation of the process of phosphate ion removal from waste waters	1046632	Brazilian Journal of Chemical Engineering	25	1	1	0	0	1	0
8558	2008	Evaluation of the residual stresses and determination of the proportion of residual austenite in an austempered ductile iron having undergone thermo mechanical treatments	2555476	Materials Science Forum	571-572		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8559	2008	Dilution phenomenon during coating of titanium alloys by Plasma Transferred Arc (PTA) process	835560	VDI Berichte		2028	0	0	0	0	0	
8560	2008	Investigations on the pulsed MIG/MAG welding of dissimilar austenitic-ferritic steels (W7335-X10CrNiTi18.9)	835560	VDI Berichte		2028	0	0	0	0	0	
8561	2008	A genetic algorithm framework applied to quantum circuit synthesis	1860949X	Studies in Computational Intelligence	129		0	3	1	0	1	
8562	2008	An optimal control problem on the lie group SO(4)	2198878	International Journal of Geometric Methods in Modern Physics	5	3	0	0	0	0	0	
8563	2008	Technological correlations between the hardness and main alloyed elements in the area of cast iron half-hard rolls	13303651	Tehnicki Vjesnik	15	1	0	1	0	0	0	
8564	2008	Fibres reinforced dentures investigated with en-face optical coherence tomography	16057422	Progress in Biomedical Optics and Imaging Proceedings of SPIE	6991		0	0	0	0	0	
8565	2008	Use of ecotoxicological risk evaluation concept for chemical substances in prediction of irradiation danger in a surface uranifer tailing dump	347752	Revista De Chimie	59	4	0	0	0	0	0	
8566	2008	Contributions to studies concerning the behaviour of Al (III) ion in some biological systems	347752	Revista De Chimie	59	4	0	0	0	0	0	
8567	2008	Structure-radical scavenging activity relationships of flavonoids from Zziphus and Hdrangea extracts	347752	Revista De Chimie	59	3	1	0	1	1	1	
8568	2008	Combined flux observer with signal injection enhancement for wide speed range sensorless direct torque control of IPMSM drives	8858969	IEEE Transactions on Energy Conversion	23	2	11	15	8	13	10	
8569	2008	Robustness - A new concept in structural design	17881994	Pollack Periodica	3	1	0	0	0	0	0	
8570	2008	Considerations about using polymers in adaptive guardrails construction	255289	Materiale Plastice	45	1	1	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8571	2008	Influence factors on the dimensional accuracy of the plastic parts	255289	Materiale Plastice	45	1	3	0	0	0	0
8572	2008	Quantum information in the frame of coherent states representation	207748	International Journal of Theoretical Physics	47	5	0	0	1	0	0
8573	2008	Fixed point methods for the generalized stability of functional equations in a single variable	16871820	Fixed Point Theory and Applications	2008		18	11	13	8	9
8574	2008	Behavior and performance of cold-formed steel-framed houses under seismic action	0143974X	Journal of Constructional Steel Research	64	07-Aug	7	3	7	8	5
8575	2008	Rapidly solidified ferromagnetic shape memory alloys	19516355	European Physical Journal Special Topics	158	1	0	1	0	0	1
8576	2008	Comparative study of convective heat transfer in water and water based magnetizable nanofluid for thermal applications	14544164	Journal of Optoelectronics and Advanced Materials	10	4	0	0	0	0	0
8577	2008	Shape memory and associated properties in Fe-Mn-Si-based ribbons produced by melt-spinning	3048853	Journal of Magnetism and Magnetic Materials	320	14	0	1	0	0	0
8578	2008	Antiradical activity evaluation of some plants used in the Romanian cuisine	10942912	International Journal of Food Properties	11	2	0	0	0	0	0
8579	2008	Linear and fuzzy control solutions for tape drives	9487921	Electrical Engineering	90	5	1	0	0	0	0
8580	2008	Obtaining and characterization of zeolitic materials with antibacterial properties	347752	Revista De Chimie	59	2	1	0	0	0	0
8581	2008	Microspectral analysis with laser in microleakage evaluation between infrastructure and veneer materials in fixed partial dentures	16057422	Progress in Biomedical Optics and Imaging Proceedings of SPIE	6843		0	0	0	0	0
8582	2008	Application of flux reversal principle for axial flux permanent magnet machines	218979	Journal of Applied Physics	103	7	0	0	0	0	0
8583	2008	Bioactive nanoparticles: The complexation of odorant compounds with β - and γ -cyclodextrin	347752	Revista De Chimie	59	2	0	1	0	0	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8584	2008	Design and experiments for a class of fuzzy controlled servo systems	10834435	IEEE ASME Transactions on Mechatronics	13	1	9	1	2	4	11
8585	2008	Linear permanent magnet oscillatory machine: Comprehensive modeling for transients with validation by experiments	2780046	IEEE Transactions on Industrial Electronics	55	2	1	2	0	1	2
8586	2008	Study upon the recuperative purging of nickel and cobalt ions from residual solutions by means of chemical precipitation	347752	Revista De Chimie	59	1	0	0	1	0	0
8587	2008	Experimental modelling of the radionuclides diffusion process in uranifer tailing dump	347752	Revista De Chimie	59	1	0	0	0	0	0
8588	2008	Synthesis and caracterization of some new 1H-3-aryl-7-etoxy carbonyl-6- methyl-pyrazolo[5,1-c][1,2,4]triazoles	347752	Revista De Chimie	59	1	0	0	1	0	0
8589	2008	Column Web stiffening of steel beam-to-column joints subjected to seismic actions	7339445	Journal of Structural Engineering	134	3	0	1	0	0	0
8590	2008	Periodic solutions of Duffing equation with strong non-linearity	9600779	Chaos Solitons and Fractals	37	1	1	2	1	0	1
8591	2008	Lipase-catalyzed kinetic resolution of 4-aryl- and 4-heteroarylbut-3-en-2- ols	1551-7012	Arkivoc	2008	3	1	1	0	0	0
8592	2008	Rapidly solidified bulk shape memory alloys	14544164	Journal of Optoelectronics and Advanced Materials	10	1	0	0	1	0	0
8593	2008	Analysis of a 3D chaotic system	9600779	Chaos Solitons and Fractals	36	5	8	6	3	8	6
8594	2008	Frequency estimation via weighted multipoint interpolated DFT	17518822	Iet Science Measurement and Technology	2	1	1	2	2	2	2
8595	2008	Networks of Excellence as Virtual Communities		Encyclopedia of Networked and Virtual Organizations			0	0	2	0	1
8596	2008	Ontology and Expertise Map Building in Virtual Organizations		Encyclopedia of Networked and Virtual Organizations			0	0	0	0	0
8597	2007	Experimental study of torsional impact fatigue of shafts	0022460X	Journal of Sound and Vibration	308	03-May	0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8598	2007	A model for prediction of stress state in soil below agricultural tyres using the finite element method	14542358	UPB Scientific Bulletin Series D Mechanical Engineering	69	4	0	0	0	0	1
8599	2007	Hysteresis distortions for two-tone signals		15th Imeko Symposium on Novelties in Electrical Measurements and Instrumentation in Parallel with the 12th Workshop on ADC Modelling and Testing			0	0	0	0	0
8600	2007	Measurement of the sinewave RMS value in noncoherent sampling mode		15th Imeko Symposium on Novelties in Electrical Measurements and Instrumentation in Parallel with the 12th Workshop on ADC Modelling and Testing			0	0	0	0	0
8601	2007	Nonlinear voltage divider		15th Imeko Symposium on Novelties in Electrical Measurements and Instrumentation in Parallel with the 12th Workshop on ADC Modelling and Testing			0	0	0	0	0
8602	2007	Boundary element method for analyzing fluid movements in network profiles		8th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics Cinti 2007			0	0	0	0	0
8603	2007	Medical predictions system	17858860	Acta Polytechnica Hungarica	4	3	1	0	2	0	0
8604	2007	Reverse engineering and finite elements analysis in removable partial denture	14732262	European Cells and Materials	13	SUPPL.3	1	0	0	0	0
8605	2007	High Strength Steel EB frames with low strength bolted links		5th International Conference on Advances in Steel Structures Iclass 2007	3		0	0	0	0	0
8606	2007	Case studies in teaching fuzzy and advanced control strategies		8th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics Cinti 2007			0	0	0	0	0
8607	2007	Three dimensional teeth designs generated by nurbs modeling	14732262	European Cells and Materials	13	SUPPL.3	0	0	0	0	0
8608	2007	Plausible reasoning in modular robotics and human reasoning	17858860	Acta Polytechnica Hungarica	4	4	0	0	0	0	1
8609	2007	Stability analysis method for fuzzy control systems dedicated controlling nonlinear processes	17858860	Acta Polytechnica Hungarica	4	3	5	2	1	2	18

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8610	2007	Virtual space with enhanced communication and knowledge capabilities	17858860	Acta Polytechnica Hungarica	4	3	0	0	0	0	0
8611	2007	Field analysis of induction machine using two different models		International Aegean Conference on Electrical Machines and Power Electronics and Electromotion Acemp 07 and Electromotion 07 Joint Conference			0	0	0	0	0
8612	2007	3D active workspace of the human hand shaped end effector		Proceedings of the 13th IASTED International Conference on Robotics and Applications Ra 2007 and Proceedings of the IASTED International Conference on Telematics			0	1	1	0	0
8613	2007	Numerical analysis and experimental studies concerning the behaviour of steel and steel-concrete composite joints under symmetrical and asymmetrical loads		Proceedings of the 3rd International Conference on Steel and Composite Structures Icscs07 Steel and Composite Structures			0	0	0	0	0
8614	2007	Fire analysis and design of a composite steel-concrete structure		Proceedings of the 3rd International Conference on Steel and Composite Structures Icscs07 Steel and Composite Structures			0	0	0	0	0
8615	2007	Seismic retrofit of r.c. frames with hysteretic bracing systems		Proceedings of the 3rd International Conference on Steel and Composite Structures Icscs07 Steel and Composite Structures			0	0	0	0	0
8616	2007	Bolted links for eccentrically braced frames: Influence of link stiffness		Proceedings of the 3rd International Conference on Steel and Composite Structures Icscs07 Steel and Composite Structures			0	0	2	1	0
8617	2007	Novel motion sensorless control of stand alone permanent magnet synchronous generator (PMSG): Harmonics and negative sequence voltage compensation under nonlinear load		2007 European Conference on Power Electronics and Applications EPE			0	0	0	0	1

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8618	2007	Iterative Feedback Tuning approach to development of PI-fuzzy controllers	10987584	IEEE International Conference on Fuzzy Systems			0	0	0	1	0	
8619	2007	Experimental analysis of the impact of the message management in the case of the ABT family		Proceedings 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2007			0	0	0	0	0	
8620	2007	Fault detection methods for frequency converters fed induction machines		IEEE International Conference on Emerging Technologies and Factory Automation ETFA			0	0	1	0	0	
8621	2007	Saboteur-based fault injection for quantum circuits fault tolerance assessment		Proceedings 10th Euromicro Conference on Digital System Design Architectures Methods and Tools Dsd 2007			0	0	0	0	0	
8622	2007	Exploiting parallelism in double path adders' structure for increased throughput of floating point addition		Proceedings 10th Euromicro Conference on Digital System Design Architectures Methods and Tools Dsd 2007			0	0	0	0	0	
8623	2007	Hardware support for combined interval and floating point multiplication		Proceedings of the 14th International Conference Mixed Design of Integrated Circuits and Systems Mixdes 2007			0	0	0	0	1	
8624	2007	Considerations above operations scheduling intelligent system		Iccc 2007 5th IEEE International Conference on Computational Cybernetics Proceedings			0	0	0	0	0	
8625	2007	Consideration regarding the convergence and stability of an adaptive self-tuning control system		Iccc 2007 5th IEEE International Conference on Computational Cybernetics Proceedings			1	2	0	0	0	
8626	2007	Hints in low cost solutions for networked control systems		Iccc 2007 5th IEEE International Conference on Computational Cybernetics Proceedings			1	0	0	0	0	
8627	2007	Estimation of chirp signals in gaussian noise by kalman filtering		Isscs 2007 International Symposium on Signals Circuits and Systems Proceedings	1		0	1	0	1	0	
8628	2007	The design of stateful web services based on web service resource framework implemented in globus toolkit 4		Proceedings of the 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2006			0	0	0	0	0	
8629	2007	Robustness evaluation of perceptual watermarks		Isscs 2007 International Symposium on Signals Circuits and Systems Proceedings	2		0	0	0	0	0	
8630	2007	Design of addition and multiplication units for high performance interval arithmetic processor		Proceedings of the 2007 IEEE Workshop on Design and Diagnostics of Electronic Circuits and Systems DdecS			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8631	2007	Application of the state variables method on quickly evaluation of the harmonic resonance frequencies in a transmission line		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0		
8632	2007	Flame control using an applied electric field		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0		
8633	2007	Measurements and numerical simulation for induced voltages on the 220 kV double circuit overhead power line, having a passive circuit		Eurocon 2007 the International Conference on Computer as A Tool			0	0	1	0	0		
8634	2007	Power flow calculation for ill-conditioned systems. Simplified Newton method with SVD partial regularization		Eurocon 2007 the International Conference on Computer as A Tool			0	1	0	0	0		
8635	2007	Determining the coefficients in B-spline interpolation by using the second derivative		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0		
8636	2007	Electrocution danger evaluation for broken and grounded conductor		Eurocon 2007 the International Conference on Computer as A Tool			1	0	0	0	0		
8637	2007	Neural network based object recognition using color block matching		Proceedings of the 4th IASTED International Conference on Signal Processing Pattern Recognition and Applications Sppra 2007			0	0	0	0	1		
8638	2007	A statistically-enhanced analytical method for PCB traces impedance extraction		Isse 2007 30th International Spring Seminar on Electronics Technology 2007 Conference Proceedings Emerging Technologies for Electronics Packaging			0	0	0	0	0		
8639	2007	The fixed points method for the stability of some functional equations	15842851	Carpathian Journal of Mathematics	23	01-Feb	1	0	0	3	3		
8640	2007	3-Dimensional inspection of injected plastic parts	255289	Materiale Plastice	44	4	0	0	0	0	0		
8641	2007	The influence of pressure and temperature on the injection moulding of thermoplastic materials used for high performance sport products	255289	Materiale Plastice	44	4	0	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8642	2007	Hydrodynamic transmission operating with two-phase flow	17433533	Wit Transactions on Engineering Sciences	56		0	0	2	2	0
8643	2007	Laboratory experiments regarding the durability in exploitation of the hot rolling mill cylinders	15822214	Metalurgia International	12	9	0	0	0	0	0
8644	2007	The cast iron cylinders between the quality assurance and the mathematical interpretations	15822214	Metalurgia International	12	10	0	0	0	0	0
8645	2007	Obtaining and characterization of romanian zeolite supporting silver IONS	15829596	Environmental Engineering and Management Journal	6	6	0	0	1	0	0
8646	2007	Modelling of sorption equilibrium of Cr(VI) on isomorphic substituted Mg/Zn-Al " Type hydrotalcites	15829596	Environmental Engineering and Management Journal	6	6	0	0	0	0	0
8647	2007	Synthesis, characterization and thermal behavior of hydrotalcite-type Mg _x Zn _y Al	353930	Revue Roumaine De Chimie	52	11	0	0	0	0	0
8648	2007	Characterization of silica-based biomaterials containing microbial amylases	353930	Revue Roumaine De Chimie	52	11	0	0	0	0	0
8649	2007	The conjugate heat transfer of the partially heated microchannels	9477411	Heat and Mass Transfer Waerme Und Stoffuebertragung	44	1	0	2	1	0	1
8650	2007	Aspects of polymer assemblies behaviour to mechanical stresses	255289	Materiale Plastice	44	3	0	0	0	0	0
8651	2007	Approximation of fuzzy normed space-valued functions	0094243X	Aip Conference Proceedings	936		0	0	0	0	0
8652	2007	PI-Fuzzy controllers for integral plants to ensure robust stability	200255	Information Sciences	177	20	2	0	3	11	2
8653	2007	Magnetic properties of an adsorbent based on modified natural zeolite	353930	Revue Roumaine De Chimie	52	10	0	0	0	0	0
8654	2007	Periodic solutions for some strongly nonlinear oscillations by He's variational iteration method	8981221	Computers and Mathematics with Applications	54	07-Aug	1	2	0	0	0
8655	2007	The modeling process of a human hand prosthesis		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8656	2007	Towards an attractor-based natural language modeling		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
8657	2007	Two-degree-of-freedom fuzzy control in decentralized trajectory tracking		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
8658	2007	Embedding data in video stream using steganography		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	2	0	0	2		
8659	2007	About initial setting of a self-tuning controller		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			1	2	0	0	0		
8660	2007	Expert system for medical predictions		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			2	0	2	1	1		
8661	2007	Object description based processes for higher education in global computer networks		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
8662	2007	Digital watermarking using Karhunen-Loeve transform		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	1	0	0	0		
8663	2007	Solidification simulation of the continuous cast blanks with micro-coolants added in the mould	15822214	Metalurgia International	12	8	0	0	0	0	0		
8664	2007	On the duality of fusion frames	0022247X	Journal of Mathematical Analysis and Applications	333	2	10	9	9	8	11		
8665	2007	High performance current controller for selective harmonic compensation in active power filters	8858993	IEEE Transactions on Power Electronics	22	5	23	28	18	17	21		
8666	2007	Using simulated fault injection for fault tolerance assessment of quantum circuits	1080241X	Proceedings Simulation Symposium			0	0	0	0	0		
8667	2007	Study on tin bronze alloy weld deposit using composite core electrode	432288	Welding in the World	51	SPEC. ISS	0	0	0	0	0		
8668	2007	Steel structures hard-facing using composite core electrode	432288	Welding in the World	51	SPEC. ISS	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8682	2007	Regioselective alkylation of 1H-7-ethoxycarbonyl-6-methyl-3-phenyl-pyrazolo[5,1-c][1,2,4]triazole and 1H-6-methyl-3-phenyl-pyrazolo[5,1-c][1,2,4]triazole	404020	Tetrahedron	63	6	0	0	0	0	3	
8683	2007	Improvement of the wear resistance of titanium alloyed with boron nitride by electron beam irradiation	2578972	Surface and Coatings Technology	201	14	2	0	0	1	2	
8684	2007	The alternative of fixed point and stability results for functional equations	9731377	International Journal of Applied Mathematics and Statistics	7	FO7	1	0	0	0	0	
8685	2007	SONAR image denoising using a bayesian approach in the wavelet domain		Recent Advances in Stochastic Modeling and Data Analysis			0	0	0	1	0	
8686	2007	On a class of backward stochastic differential equations and applications to the stochastic resonance		Recent Advances in Stochastic Modeling and Data Analysis			0	0	0	0	0	
8687	2007	A SLP-based method for a convection problem for a variable gravity field		Aplimat 2007	2007-January		0	0	0	0	0	
8688	2007	Development trends of small and medium size companies in Timisoara and Timis County: Romania	1751200X	International Journal of Business and Systems Research	1	4	0	0	0	0	0	
8689	2007	Low cost data acquisition setup for electrical machines laboratory		15th Imeko Tc4 Symposium on Novelties in Electrical Measurements and Instrumentation			0	0	0	0	0	
8690	2007	Measurement of the sinewave RMS value in noncoherent sampling mode		15th Imeko Tc4 Symposium on Novelties in Electrical Measurements and Instrumentation			0	0	0	0	2	
8691	2007	Romanian research network for integrated product and process engineering - INPRO		Future of Product Development Proceedings of the 17th CIRP Design Conference			0	0	0	0	0	
8692	2007	A comparative study regarding a memory hierarchy with the CDLR SPEC 2000 simulator		Innovations and Advanced Techniques in Computer and Information Sciences and Engineering			0	0	0	0	0	
8693	2007	Composite joint for buildings placed in seismic areas theoretical and experimental studies		Proceedings of the 9th International Conference on Steel Space and Composite Structures			0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8694	2007	Iterative Feedback and Learning Control. Servo systems applications	14746670	IFAC Proceedings Volumes IFAC Papersonline	1	PART 1	34	26	17	7	2	
8695	2007	Virtual reference feedback tuning approach to fuzzy control systems development	14746670	IFAC Proceedings Volumes IFAC Papersonline	1	PART 1	0	0	1	0	0	
8696	2007	PI-fuzzy controller design based on an optimization approach	14746670	IFAC Proceedings Volumes IFAC Papersonline	3	PART 1	0	0	0	0	0	
8697	2007	Sustainable building structures for housing		Portugal Sb 2007 Sustainable Construction Materials and Practices Challenge of the Industry for the New Millennium			0	0	0	0	0	
8698	2007	Programmable signal generator based on advanced Tricore microcontrollers		Icspc 2007 Proceedings 2007 IEEE International Conference on Signal Processing and Communications			1	0	0	0	2	
8699	2007	Sliding mode control for a buck converter		Proceedings of the 9th Wseas International Conference on Automatic Control Modeling and Simulation Acmos 07			0	1	0	0	0	
8700	2007	Structural morphology transformations by vacuum oven brazed joints with amorphous alloys		Materials and Technologies 4th International Conference on Materials and Manufacturing Technologies Matehn 06	23		0	0	0	0	0	
8701	2007	Research concerning the obtaining from industrial wastes of a cover powder used in steel continuous casting		Materials and Technologies 4th International Conference on Materials and Manufacturing Technologies Matehn 06	23		1	0	0	0	0	
8702	2007	Tubular composite material for hardfacing layers with protection appliance against abrasive wears		Materials and Technologies 4th International Conference on Materials and Manufacturing Technologies Matehn 06	23		0	0	1	0	1	
8703	2007	Masonry walls strengthening with innovative metal based techniques		Proceedings of the 3rd International Conference on Steel and Composite Structures Icscs07 Steel and Composite Structures			0	0	0	0	0	
8704	2007	Performance evaluation of two distributed backpropagation implementations	10987576	IEEE International Conference on Neural Networks Conference Proceedings			0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8705	2007	Optimal design of residential brushless d.c. permanent magnet motors with FEM validation		International Aegean Conference on Electrical Machines and Power Electronics and Electromotion Acemp 07 and Electromotion 07 Joint Conference			0	1	0	1	1		
8706	2007	A Bayesian approach of hyperanalytic wavelet transform based denoising		2007 IEEE International Symposium on Intelligent Signal Processing Wisp			1	0	0	1	0		
8707	2007	Delta domain design of low-cost fuzzy controlled servosystems		2007 IEEE International Symposium on Intelligent Signal Processing Wisp			0	0	0	0	0		
8708	2007	Discovering the objectual meaning of foreign key constraints in enterprise applications	10951350	Proceedings Working Conference on Reverse Engineering Wcre			0	0	0	0	0		
8709	2007	Selective harmonic current mitigation with shunt active power filter		2007 European Conference on Power Electronics and Applications EPE			1	0	1	0	1		
8710	2007	Power profile evaluation of battery-powered mobile applications		Proceedings of the IEEE International Conference on Electronics Circuits and Systems			0	0	0	0	0		
8711	2007	Mobile fault detection and diagnosis module for automatic systems		2007 Mediterranean Conference on Control and Automation MED			0	0	0	0	0		
8712	2007	MedioGrid: A Grid-based platform for satellite image processing		2007 4th IEEE Workshop on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs			1	0	1	1	0		
8713	2007	Estimation of the multifrequency signal parameters by interpolated DFT method with maximum sidelobe decay		2007 4th IEEE Workshop on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs			0	1	0	1	0		
8714	2007	A power benchmark experiment for battery-powered devices		2007 4th IEEE Workshop on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications Idaacs			0	0	0	0	0		
8715	2007	Assessing quantum circuits reliability with mutant-based simulated fault injection		European Conference on Circuit Theory and Design 2007 Ecctd 2007			0	0	1	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8716	2007	Variable speed wind turbines using cage rotor induction generators connected to the grid		2007 IEEE Canada Electrical Power Conference Epc 2007			0	0	0	0	0		
8717	2007	Performance optimization of low-speed induction generators for direct drive wind turbines		2007 IEEE Canada Electrical Power Conference Epc 2007			0	1	0	0	0		
8718	2007	Simulation for complex systems through predictive maintenance		Proceedings of the Issat International Conference on Modeling of Complex Systems and Environments			0	0	0	0	0		
8719	2007	Motion sensorless bidirectional PWM converter control with seamless switching from power grid to stand alone and back	2759306	PESC Record IEEE Annual Power Electronics Specialists Conference			0	0	1	0	0		
8720	2007	An extension of the RSA trapdoor in a KEM/DEM framework		Proceedings 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2007			0	0	1	0	0		
8721	2007	Steganography in YUV color space		Rose 2007 International Workshop on Robotic and Sensor Environments Proceedings			2	1	0	0	1		
8722	2007	Identification of relational discrepancies between database schemas and source-code in enterprise applications		Proceedings 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2007			0	0	0	0	0		
8723	2007	eBML: A formal language for behavior modeling and application development in robotic collectives		Rose 2007 International Workshop on Robotic and Sensor Environments Proceedings			0	0	0	0	0		
8724	2007	Chaos-based cryptography: End of the road?		Proceedings the International Conference on Emerging Security Information Systems and Technologies Securware 2007			1	5	3	1	1		
8725	2007	DATES: Design analysis tool for enterprise systems		Scam 2007 Proceedings 7th IEEE International Working Conference on Source Code Analysis and Manipulation			0	0	0	0	0		
8726	2007	Optimization aspects in a class of fuzzy controlled servosystems		Ines 2007 11th International Conference on Intelligent Engineering Systems Proceedings			0	0	1	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8727	2007	Malicious node detection in wireless sensor networks using an autoregression technique		3rd International Conference on Networking and Services Icns 2007			6	1	1	0	1
8728	2007	Voltage sags ride-through of motion sensorless controlled PMSG for wind turbines	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society			2	1	0	3	0
8729	2007	CNN processing techniques for multi-robot coordination		Isscs 2007 International Symposium on Signals Circuits and Systems Proceedings	1		0	0	0	1	0
8730	2007	Distributable features view: Visualizing the structural characteristics of distributed software systems		Vissoft 2007 Proceedings of the 4th IEEE International Workshop on Visualizing Software for Understanding and Analysis			0	1	0	0	0
8731	2007	A new implementation of the hyperanalytic wavelet transform		Isscs 2007 International Symposium on Signals Circuits and Systems Proceedings	2		0	0	0	0	0
8732	2007	LC-ladder filters emulated by circuits with current controlled conveyors and grounded capacitors		Isscs 2007 International Symposium on Signals Circuits and Systems Proceedings	2		0	0	0	0	0
8733	2007	Image denoising using a bishrink filter with reduced sensitivity		Isscs 2007 International Symposium on Signals Circuits and Systems Proceedings	2		0	0	0	0	1
8734	2007	Fuzzy control systems dedicated to electro-hydraulic servo-systems. IFT techniques and sensitivity analysis		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	1	0
8735	2007	Fault-tolerant scheduling framework for MedioGRID system		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0
8736	2007	Experimental test cases for wireless positioning systems		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0
8737	2007	On the implementation of the OSEK/VDX operating system on advanced microcontrollers		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0
8738	2007	Advantages of using of the topological indices for the distribution networks representation		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	1
8739	2007	Iterative learning control approach to fuzzy control systems development		Eurocon 2007 the International Conference on Computer as A Tool			0	0	1	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citării				
							2020	2021	2022	2023	2024
8740	2007	Experimental validation of power mechanism for load balancing using variable susceptances in three phase four wire distribution networks		Eurocon 2007 the International Conference on Computer as A Tool			1	0	0	0	1
8741	2007	The multi-area systems reliability estimation using probabilistic load flow by Gramm-Charlier expansion		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0
8742	2007	Hierarchical ad hoc networks		Eurocon 2007 the International Conference on Computer as A Tool			0	0	0	0	0
8743	2007	Fuel cells solution for auxiliary services backup supply in a power system substation		Eurocon 2007 the International Conference on Computer as A Tool			1	0	0	0	0
8744	2007	Modeling burst interferences - A practical tool for studying leak signals		Proceedings Idt 07 the 2nd International Design and Test Workshop			0	0	0	0	0
8745	2007	Controlling stochastic resonance in an electronic circuit with non-Gaussian perturbations		Isse 2007 30th International Spring Seminar on Electronics Technology 2007 Conference Proceedings Emerging Technologies for Electronics Packaging			0	0	0	0	0
8746	2007	Comprehensive experimental analysis of the IPMSM for automotive applications		EPE Pcmc 2006 12th International Power Electronics and Motion Control Conference Proceedings			0	0	0	0	1
8747	2007	Effect of biaxial load on crack deflection/penetration at bi-material ceramic interface	3769429	International Journal of Fracture	148	1	0	0	0	0	0
8748	2007	A note on a piecewise-linear duffing-type system	2181274	International Journal of Bifurcation and Chaos	17	12	1	1	0	1	0
8749	2007	The effects of agent synchronization in asynchronous search algorithms	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	4496 LNAI		0	0	0	0	0
8750	2007	Plasticizers and lubricants of adipic ester type with complex structure	255289	Materiale Plastice	44	4	0	0	0	1	0
8751	2007	A new pixel-wise mask for watermarking		Mm and Sec 07 Proceedings of the Multimedia and Security Workshop 2007			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8752	2007	Correlative comparison of two optoelectronic carbon monoxide measuring instruments	14544164	Journal of Optoelectronics and Advanced Materials	9	11	0	0	0	0	0
8753	2007	Stabilizing the chaotic dynamics of the L ² / ₄ system	14545101	Applied Sciences	9		0	0	0	0	0
8754	2007	Hydrothermal synthesis of Al ₁ -XG ₂ PO ₄ and Ga ₁ -XFe ₂ PO ₄ 1±-quartz single crystal	14544164	Journal of Optoelectronics and Advanced Materials	9	9	0	0	0	0	0
8755	2007	Relaxation times in magnetic nanoparticles system and memory effects	5874246	Acta Physica Polonica A	112	6	0	2	2	0	0
8756	2007	Soil vapour extraction of synthetic gasoline mixture: Experimental observations and model predictions	347752	Revista De Chimie	58	12	1	0	0	0	0
8757	2007	Increasing of the performances of direct methanol combustion fuel cells	347752	Revista De Chimie	58	12	0	0	0	0	0
8758	2007	Chemical and mechanical aspects of the cavitation phenomena	347752	Revista De Chimie	58	12	0	0	1	9	4
8759	2007	Automatic synthesis for quantum circuits using genetic algorithms	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	4431 LNCS	PART 1	0	1	2	1	3
8760	2007	Software environment for the laser precipitation monitor	17900832	Wseas Transactions on Information Science and Applications	4	1	0	0	0	0	0
8761	2007	Enhancing of carbon dioxide absorption in potassium carbonate solutions using chemical reaction promoters in liquid phase. 1. Evaluation of physical absorption parameters	347752	Revista De Chimie	58	11	0	0	0	0	0
8762	2007	Synthesis of some mauve pigments with cassiterite structure and study of their behaviour in ceramic glazes	347752	Revista De Chimie	58	11	0	0	0	0	0
8763	2007	Thermal and oxidative stability of the Allium sativum L. bioactive compounds/β- and γ-cyclodextrin nanoparticles	347752	Revista De Chimie	58	11	0	3	0	1	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8764	2007	Obtaining the zinc oxide from zinc ash	347752	Revista De Chimie	58	11	0	0	0	0	0
8765	2007	Enhancement of the mechanical dewatering capacity of the municipal sludge by chemical conditioning	347752	Revista De Chimie	58	11	0	1	0	0	0
8766	2007	Carbon-based composite electrodes: Preparation, characterization and application in electroanalysis	14243210	Sensors	7	11	4	4	3	4	1
8767	2007	Optimization of soybean press cake treatments and processing	13317768	Agriculturae Conspectus Scientificus	72	3	0	0	0	0	0
8768	2007	Study concerning phosphate ions removal using the method of precipitation-coagulation process modelling	347752	Revista De Chimie	58	10	0	0	0	0	0
8769	2007	New methods to obtain carboxylic acids by oxidation reactions of polyols with metal (II) nitrates I. Oxidation reactions of 1.2. Propandiol with metal (II) nitrates	347752	Revista De Chimie	58	10	0	0	0	0	0
8770	2007	Bioactive nanoparticles: Essential oil from lamiaceae family plants/ β - cyclodextrin supramolecular systems	347752	Revista De Chimie	58	10	0	0	0	0	0
8771	2007	Using of N-succinimidil mixed carbonates to protect amino groups from amin and amino-acids	347752	Revista De Chimie	58	10	0	0	0	0	0
8772	2007	Reactivity studies for some acrylic and methacrylic monomers with one double bond	353930	Revue Roumaine De Chimie	52	4	0	0	0	0	0
8773	2007	Design of hybrid nanomaterials based on silica-porphyrin. AFM characterization	14544164	Journal of Optoelectronics and Advanced Materials	9	6	0	0	0	0	0
8774	2007	Stress intensity factors for an interface kinked crack in a bi-material plate loaded normal to the interface	3769429	International Journal of Fracture	145	3	10	2	2	5	0
8775	2007	Soil clean up by venting: Comparison between modelling and experimental VOC removal results	9593330	Environmental Technology	28	10	2	0	0	1	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8776	2007	Low magnetic field - assisted synthesis of MCM-41	1672991	Studies in Surface Science and Catalysis	170	B	0	0	0	0	0	
8777	2007	Kinetics of hydrogen evolution reaction on skeleton nickel and nickel-titanium electrodes obtained by thermal arc spraying technique	3603199	International Journal of Hydrogen Energy	32	15 SPEC.	2	3	6	5	5	
8778	2007	Local wireless positioning system		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
8779	2007	Studies on the process of obtaining PK fertilizers containing cobalt as microelement	347752	Revista De Chimie	58	8	0	0	0	0	0	
8780	2007	Considerations regarding the induction generator's self-excitation within energy power stations		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
8781	2007	Dynamic policy based replication on the grid		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
8782	2007	Synthesis and characterization of some chromogen derivatives of of 4,4- C_6H_2 -diaminostibene-2,2- C_6H_4 -disulphonic acid	347752	Revista De Chimie	58	8	0	0	0	0	0	1
8783	2007	Performance evaluation for training a distributed backpropagation implementation		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
8784	2007	Problem setting and modeling in vehicles and pedestrians traffic control using sensor networks		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	
8785	2007	Enantioselective acylation of some secondary alcohols by biocatalise with lipase from Pseudomonas fluorescens immobilised using sol-gel method	347752	Revista De Chimie	58	8	0	0	0	0	0	
8786	2007	Simulated fault injection for quantum circuits based on simulator commands		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8787	2007	Using registration algorithms for wireless sensor network node localization		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	1	0	0		
8788	2007	Performances analysis on video transmission in a Wireless Sensor Network		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	2	0		
8789	2007	Azoic and azomethinic dyes derivatives of 1H-6-methyl-3-phenyl-pyrazolo [5,1-c][1,2,4]triazole	347752	Revista De Chimie	58	8	0	0	0	0	0		
8790	2007	Communication and knowledge intensive engineering modeling in virtual spaces		Saci 2007 4th International Symposium on Applied Computational Intelligence and Informatics Proceedings			0	0	0	0	0		
8791	2007	Emergent behavioral modeling language in obstacle avoidance	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	0	0		
8792	2007	Connectivity improvement in wireless sensor networks based on mobile nodes	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	0	0		
8793	2007	Prevention of metal dusting on Ni-based alloys by MCrAlY coatings	0010938X	Corrosion Science	49	10	0	0	3	0	0		
8794	2007	On the use of one-way chain based authentication protocols in secure control systems		Proceedings Second International Conference on Availability Reliability and Security Ares 2007			0	0	0	0	0		
8795	2007	Broadcast authentication protocol with time synchronization and quadratic residues chain		Proceedings Second International Conference on Availability Reliability and Security Ares 2007			0	0	0	0	0		
8796	2007	Alcoxycarbonilation reactions at amino and aminoacids with mixt N-phthalimidylcarbonates	347752	Revista De Chimie	58	7	0	0	0	0	0		
8797	2007	Usage of ascendand filtration in the industrial waters clearing technology	347752	Revista De Chimie	58	7	0	0	0	0	0		
8798	2007	Complete parameter identification of large induction machines from no-load acceleration-deceleration tests	2780046	IEEE Transactions on Industrial Electronics	54	4	4	5	4	5	1		
8799	2007	Aspects concerning polymers behaviour under tension	255289	Materiale Plastice	44	2	2	0	0	0	1		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8800	2007	Obtaining and characterization of sage (Salvia sclarea L.) essential oil / β -cyclodextrin supramolecular system	347752	Revista De Chimie	58	6	0	0	0	0	0
8801	2007	Unsymmetrical organic carbonates synthesis from N,N- ϵ - succinimidilcarbonat and alcohols	347752	Revista De Chimie	58	6	0	0	0	0	0
8802	2007	Recovery of new inulin esters as biodegradable compounds	255289	Materiale Plastice	44	2	0	0	0	0	0
8803	2007	Determination through numerical computation of the designed and functional parameters of ultra acoustic systems for ultrasonic welding of intelligent composite materials	255289	Materiale Plastice	44	2	0	0	0	0	0
8804	2007	Kinetics of non-isothermal crystallization of some glass-ceramics based on basalt	13886150	Journal of Thermal Analysis and Calorimetry	88	3	0	1	0	0	2
8805	2007	Biomass in the manufacture of industrial products-the use of proteins and amino acids	1757598	Applied Microbiology and Biotechnology	75	4	18	19	24	18	11
8806	2007	New metal complexes of monoanionic (3H-2-tioxo-1,3,4thiadiazol-5-il)- thioacetic acid. X-ray structure of [Na(C ₂ N ₂ HS 3CH ₂ COO)(H ₂ O) ₄] ₂ ·2H ₂ O	353930	Revue Roumaine De Chimie	52	01-Feb	0	0	0	0	0
8807	2007	Interaction of deoxyribonucleic acid with Cis-platinum: Structure-activity relationship	353930	Revue Roumaine De Chimie	52	01-Feb	0	0	0	0	0
8808	2007	Models for estimating the durability at repeated impacts	10139826	Key Engineering Materials	348-349		0	1	0	0	1
8809	2007	Statistical and dynamical equivalence of different elementary cells	15461955	Journal of Computational and Theoretical Nanoscience	4	3	1	0	0	2	0
8810	2007	Through-transmission laser welding of polymers - temperature field modeling and infrared investigation	13504495	Infrared Physics and Technology	51	1	3	2	6	3	1
8811	2007	Magnetic nanoparticles and concentrated magnetic nanofluids: Synthesis, properties and some applications	16722515	China Particuology	5	01-Feb	15	17	11	8	9

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8812	2007	Method for modifying mechanical properties of carbon nano-fiber polymeric composites	8927057	Journal of Thermoplastic Composite Materials	20	3	1	0	0	1	1
8813	2007	Corrosion of stainless steels with "soft" martensitic structure	347752	Revista De Chimie	58	2	0	0	0	0	0
8814	2007	Synthesis, characterization and colour study inside the CIELAB colour space of some derivatives symmetric disazo dyes of 4,4'-diaminostilbene-2, 2'-disulfonic acid	347752	Revista De Chimie	58	2	0	0	0	0	0
8815	2007	Experimental and theoretical research regarding the acoustical parameters influence on the ultrasound welding of intelligent composite	255289	Materiale Plastice	44	1	0	0	0	0	0
8816	2007	Improved DPPH determination for antioxidant activity spectrophotometric assay	3666352	Chemical Papers	61	3	10	8	14	12	8
8817	2007	Electrochemical oxidation and determination of oxalic acid at an exfoliated graphite-polystyrene composite electrode	14243210	Sensors	7	4	1	3	0	2	1
8818	2007	The asymptotic structure of small-scale yielding interfacial free-edge joint and crack-tip fields	15970	Acta Mechanica	190	01-Apr	0	0	0	0	0
8819	2007	Motion segmentation and analysis in video sequences	11092734	Wseas Transactions on Circuits and Systems	6	1	0	0	0	0	0
8820	2007	Thermal decomposition of some metal-organic precursors: Fe ₂ O ₃ nanoparticles	13886150	Journal of Thermal Analysis and Calorimetry	88	1	0	2	1	2	0
8821	2007	The interaction between TEOS and some polyols: Thermal analysis and FTIR	13886150	Journal of Thermal Analysis and Calorimetry	88	1	1	0	3	3	1
8822	2007	Obtaining of Ni _{0.65} Zn _{0.35} Fe ₂ O ₄ /SiO ₂ nanocomposites by thermal decomposition of complex compounds embedded in silica matrix	13886150	Journal of Thermal Analysis and Calorimetry	88	1	0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8823	2007	Adsorption of phosphat anions and thiocyanate anions on Mg3Al-HT anionic clay	347752	Revista De Chimie	58	1	0	1	0	0	0
8824	2007	Multi-scale MAP denoising of SAR and SAS images	933651	Sea Technology	48	2	0	0	0	0	0
8825	2007	Sterically stabilized water based magnetic fluids: Synthesis, structure and properties	3048853	Journal of Magnetism and Magnetic Materials	311	1 SPEC. IS	18	12	13	7	5
8826	2007	On the possibility of using short chain length mono-carboxylic acids for stabilization of magnetic fluids	3048853	Journal of Magnetism and Magnetic Materials	311	1 SPEC. IS	2	1	1	0	0
8827	2007	Steel desulphurization with synthetic slag	348570	Revista De Metalurgia Madrid	43	1	0	2	1	0	0
8828	2007	Synthetic lubricants based on sebacic complex esters	2656582	Journal of Synthetic Lubrication	24	1	0	0	1	0	0
8829	2007	CCDL: The composable components description language	14332779	International Journal on Software Tools for Technology Transfer	9	2	0	0	0	0	0
8830	2007	Revival by automation of induction generator for distributed power systems, in Romanian academic research	9601481	Renewable Energy	32	9	0	1	0	0	0
8831	2007	Performance improvement of shunt active power filter with dual parallel topology	8858993	IEEE Transactions on Power Electronics	22	1	3	2	2	3	3
8832	2007	Determination of sodium diethyldithiocarbamate in water by anodic voltammetry using a boron-doped diamond electrode	10400397	Electroanalysis	19	1	0	0	0	0	0
8833	2007	Laser beam scattering effects in non-absorbent inhomogenous polymers	1438166	Optics and Lasers in Engineering	45	3	0	1	0	1	2
8834	2007	Thermal and FT-IR study of the hybrid ethylene-glycol-silica matrix	9280707	Journal of Sol Gel Science and Technology	41	1	3	7	0	7	1
8835	2007	Dynamic testing of A/D converters by means of the three-parameter sine-fit algorithm	2632241	Measurement Journal of the International Measurement Confederation	40	1	0	1	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8836	2007	Acid gas absorption in trickle flow columns-Modelling of the residence time distribution of a pilot plant	2552701	Chemical Engineering and Processing Process Intensification	46	3	0	0	0	0	0
8837	2007	Solution of a nonlinear oscillator using an iteration procedure	11092777	Wseas Transactions on Systems	6	1	0	0	0	0	0
8838	2007	A hydraulic solution for actuating a human hand prosthesis	11092777	Wseas Transactions on Systems	6	1	0	0	0	0	0
8839	2007	Ceramic pigments with chromium content from leather wastes	9552219	Journal of the European Ceramic Society	27	02-Mar	0	1	4	1	0
8840	2007	New synthesis methods of MgAl ₂ O ₄ spinel	9552219	Journal of the European Ceramic Society	27	02-Mar	8	5	11	9	10
8841	2007	Inelastic behaviour and design of slender I-sections in minor axis bending	0143974X	Journal of Constructional Steel Research	63	1	0	1	4	4	2
8842	2007	Thirteen limit cycles for a class of Hamiltonian systems under seven-order perturbed terms	9600779	Chaos Solitons and Fractals	31	2	0	0	0	0	0
8843	2006	Towards a client driven characterization of class hierarchies		IEEE International Conference on Program Comprehension	2006		2	0	0	0	0
8844	2006	Identification of design roles for the assessment of design quality in enterprise applications		IEEE International Conference on Program Comprehension	2006		1	1	0	0	0
8845	2006	How developers copy		IEEE International Conference on Program Comprehension	2006		1	1	2	0	0
8846	2006	Optimization model for heated tool butt welding hydro-carbon chemistry transporting pipelines	255289	Materiale Plastice	43	3	0	0	0	0	1
8847	2006	New business requirements in the knowledge-based society		Adaptive Technologies and Business Integration Social Managerial and Organizational Dimensions			0	0	0	0	0
8848	2006	Object-oriented metrics in practice: Using software metrics to characterize, evaluate, and improve the design of object-oriented systems		Object Oriented Metrics in Practice Using Software Metrics to Characterize Evaluate and Improve the Design of Object Oriented Systems			18	14	10	14	10

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8849	2006	A study of sequence clustering on protein's primary structure using a statistical method	17858860	Acta Polytechnica Hungarica	3	3	0	0	0	0	0
8850	2006	Statistical analyses and artificial neural networks for prognoses in hepatitis C	17858860	Acta Polytechnica Hungarica	3	3	0	0	0	0	0
8851	2006	Above flux estimation issues in induction generators with application at energy conversion systems	17858860	Acta Polytechnica Hungarica	3	3	0	0	0	0	0
8852	2006	Influence of constructional details on plastic buckling and ductility of steel members		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2006			0	0	0	0	0
8853	2006	Implementation of local plastic mechanism approach in the General Method of Eurocode3-Part 1-1 applied to lateral-torsional buckling of thin-walled cold-formed beams		Proceedings of the International Colloquium on Stability and Ductility of Steel Structures Sdss 2006			0	0	0	0	0
8854	2006	Controlling chaos of a dynamical system with feedback control	15842851	Carpathian Journal of Mathematics	22	01-Feb	0	2	0	0	0
8855	2006	Sorption equilibrium of chromium (III) on Romanian clays	15829596	Environmental Engineering and Management Journal	5	6	0	0	0	0	0
8856	2006	Specification-based retrieval of software components through fuzzy inference	17858860	Acta Polytechnica Hungarica	3	3	0	0	0	0	0
8857	2006	Theoretical and experimental studies concerning the load bearing capacity of the steel and composite joints		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0
8858	2006	Analysis and design considerations regarding the project of Bucharest tower centre steel structure		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0
8859	2006	Ultimate strength and behaviour of a new type of orthotropic plate		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0
8860	2006	Application of component method for bolted cold-formed steel joints		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	1	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8861	2006	Seismic design of certain axially loaded steel elements: A practical point of view		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0	
8862	2006	Historical building consolidated in Oradea city		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0	
8863	2006	Distortional behaviour of Z purlins continuously connected to sandwich panel roofs		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0	
8864	2006	Influence of earthquake types on the design of seismic-resistant steel structures. Part 1: Challenges for new design approaches		Proceedings of the 5th International Conference on Behaviour of Steel Structures in Seismic Areas Stessa 2006			1	0	0	0	0	
8865	2006	Moment-rotation characteristics of bolted beam-to-column connections of pitched-roof portal frames with class 3 and 4 sections		Proceedings of the 5th International Conference on Behaviour of Steel Structures in Seismic Areas Stessa 2006			0	0	0	0	0	
8866	2006	Use of multi-parametric quadratic programming in fuzzy control systems	17858860	Acta Polytechnica Hungarica	3	3	0	4	23	41	19	
8867	2006	Back-EMF synthesis for sinusoidal and trapezoidal tooth-wound interior permanent magnet synchronous machines without skewing		Intermag 2006 IEEE International Magnetics Conference			0	0	0	0	0	
8868	2006	New state observers and sensorless control of wound rotor induction generator (WRIG) at power grid with experimental characterization		IECON Proceedings Industrial Electronics Conference			0	0	0	0	0	
8869	2006	Data routing and remote protocol analysis using the TETHRA system		IECON Proceedings Industrial Electronics Conference			0	0	0	0	0	
8870	2006	Iterative feedback tuning in fuzzy control systems. theory and applications	17858860	Acta Polytechnica Hungarica	3	3	3	5	6	2	11	
8871	2006	Tools for student's project development acceleration		International Conference on Applied Electronics 2006 Ae			0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8872	2006	Path planning of mobile robots by using cellular neural networks		Proceedings of the IEEE International Workshop on Cellular Neural Networks and their Applications			0	0	0	0	0		
8873	2006	Development method for low cost fuzzy controlled servosystems		IEEE International Symposium on Intelligent Control Proceedings			0	1	0	0	0		
8874	2006	P-function of the pseudoharmonic oscillator in terms of klauder-perelomov coherent states	3230465	Acta Physica Slovaca	56	4	1	1	0	2	0		
8875	2006	Sensorless control of wound rotor induction generator (WRIG) for wind power applications: The experimental test platform	2759306	PESC Record IEEE Annual Power Electronics Specialists Conference			0	0	0	0	0		
8876	2006	Harmonic mitigation improvement with a new parallel topology for shunt active power filters	2759306	PESC Record IEEE Annual Power Electronics Specialists Conference			1	0	0	0	0		
8877	2006	New current control structure for shunt active power filters	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society	1		0	1	0	0	0		
8878	2006	Self-tuning control using external integrator loop for a synchronous generator excitation system		IEEE International Conference on Emerging Technologies and Factory Automation ETFA			0	1	0	0	0		
8879	2006	A hierarchical coordination language for interacting real-time tasks		IEEE International Conference on Embedded Software Emsoft 2006			0	1	0	0	0		
8880	2006	A practice oriented approach to intelligent computing assisted distance education for engineering		Ines 2006 10th International Conference on Intelligent Engineering Systems 2006			0	0	0	0	0		
8881	2006	Genetic Iterative Feedback Tuning (GIFT) method for fuzzy control system development		Proceedings of the 2006 International Symposium on Evolving Fuzzy Systems Efs 06			0	0	0	0	0		
8882	2006	Considerations on the relationship between product quality and milling system in plastic recycling	255289	Materiale Plastice	43	4	0	0	0	0	0		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS													
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
8883	2006	Cold-formed steel pitched-roof portal frames of back-to-back plain channel sections and bolted joints		Eighteenth International Specialty Conference on Cold Formed Steel Structures Recent Research and Developments in Cold Formed Steel Design and Construction	2006		2	1	0	0	0		
8884	2006	Versatile communication solution for PLC based control systems	11092742	Wseas Transactions on Communications	5	12	0	0	0	0	0		
8885	2006	Study and evaluation of fretting critical slip conditions by applying the design of experiments method	431648	Wear	261	10	0	0	0	1	0		
8886	2006	Laser brazing of a steel/aluminium assembly with hot filler wire (88% Al, 12% Si)	9215093	Materials Science and Engineering A	435-436		8	10	3	5	3		
8887	2006	Design of anti-HIV ligands by means of minimal topological difference (MTD) method	14220067	International Journal of Molecular Sciences	7	11	1	1	0	0	0		
8888	2006	Roughness factor evaluation of thermal arc sprayed skeleton nickel electrodes	14328488	Journal of Solid State Electrochemistry	11	1	0	0	0	0	1		
8889	2006	Mixtures of vegetable oils and di-2-ethylhexyl-sebacate as lubricants	2656582	Journal of Synthetic Lubrication	23	4	0	2	0	1	3		
8890	2006	Amperometric determination of thiourea in alkaline media on a copper oxide-copper electrode	0021891X	Journal of Applied Electrochemistry	36	10	4	4	2	5	0		
8891	2006	Thermodynamic and kinetic properties of mechanical oscillations in thin films	2179792	International Journal of Modern Physics B	20	24	0	0	0	0	0		
8892	2006	On some identities and inequalities for frames in Hilbert spaces	0022247X	Journal of Mathematical Analysis and Applications	321	1	1	8	6	0	4		
8893	2006	Thermal stability of the linoleic acid/ β - and γ -cyclodextrin complexes	3088146	Food Chemistry	99	3	5	6	4	4	3		
8894	2006	A novel step-up converter and its applications	11092734	Wseas Transactions on Circuits and Systems	5	8	0	0	0	0	0		
8895	2006	Kinetics of hexavalent chromium reduction by scrap iron	3043894	Journal of Hazardous Materials	135	01-Mar	4	2	9	2	3		

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8896	2006	On the dynamic localization conditions for dc-ac electric fields proceeding beyond the nearest-neighbour description	9538984	Journal of Physics Condensed Matter	18	29	0	0	1	0	0
8897	2006	Relativistic derivations of the electric and magnetic fields generated by an electric point charge moving with constant velocity	9205071	Journal of Electromagnetic Waves and Applications	20	9	0	0	0	0	1
8898	2006	Comparative study regarding an adaptive fuzzy controller and a self-tuning controller with application to the excitation control of a synchronous generator	11092777	Wseas Transactions on Systems	5	7	0	0	0	0	0
8899	2006	Investigation of noise pollution in an urban area	11092777	Wseas Transactions on Systems	5	7	0	0	0	0	0
8900	2006	A modified iteration perturbation method for some nonlinear oscillation problems	15970	Acta Mechanica	184	01-Apr	1	3	3	2	0
8901	2006	Successive occurrence of ferromagnetic and shape memory properties during crystallization of NiMnGa freestanding films	3048853	Journal of Magnetism and Magnetic Materials	302	2	0	1	2	1	0
8902	2006	Controlling chaos in DC/DC converters using Ott-Grebogi-Yorke and Pyragas methods	11092734	Wseas Transactions on Circuits and Systems	5	6	0	0	0	0	0
8903	2006	Experimental validation of a theoretical model used for analysis of the laminate composite structures	255289	Materiale Plastice	43	1	0	0	0	0	0
8904	2006	Study of rheological behavior for acrylic polymer used in textile coating	255289	Materiale Plastice	43	1	0	0	0	0	0
8905	2006	Ultrasonic enhancement of an electrochemical machining process	11092777	Wseas Transactions on Systems	5	5	0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8906	2006	DTFC-SVM motion-sensorless control of a PM-assisted reluctance synchronous machine as starter-alternator for hybrid electric vehicles	8858993	IEEE Transactions on Power Electronics	21	3	3	2	3	0	2
8907	2006	Design criteria for seam and sheeting-to-framing connections of cold-formed steel shear panels	7339445	Journal of Structural Engineering	132	4	2	6	5	3	6
8908	2006	New power factor correction rectifiers with fast response	11092777	Wseas Transactions on Systems	5	4	0	0	0	0	0
8909	2006	Considerations on modeling some distribution laws	963003	Applied Mathematics and Computation	175	1	0	0	0	0	0
8910	2006	Moments of distributions related to digital expansions	0022247X	Journal of Mathematical Analysis and Applications	315	2	0	0	0	0	0
8911	2006	Human-computer interaction reflected in the design of user interfaces for general practitioners	13865056	International Journal of Medical Informatics	75	3-4 SPEC.	0	1	0	0	2
8912	2006	Ultrafine, perfectly spherical Ni-Zn ferrite nanoparticles, with ultranarrow distribution, isolated in a silica matrix, prepared by a novel synthesis method in the liquid phase	13596454	Acta Materialia	54	5	0	1	0	2	1
8913	2006	Comparative study of adaptive and inherently sensorless observers for variable-speed induction-motor drives	2780046	IEEE Transactions on Industrial Electronics	53	1	6	4	4	7	3
8914	2006	Reduced size model method for diffuse optical indoor wireless channel characterization	11092742	Wseas Transactions on Communications	5	2	0	0	0	0	0
8915	2006	Vision based algorithm for path planning of a mobile robot by using cellular neural networks		2006 IEEE International Conference on Automation Quality and Testing Robotics Aqtr	2		0	1	0	1	0
8916	2006	Linear stability for a convection problem for a variable gravity field		5th International Conference Aplimat 2006	2006-January		0	0	0	0	0
8917	2006	Investigation of crack closure by using thermoeastic stress analysis		Fracture of Nano and Engineering Materials and Structures Proceedings of the 16th European Conference of Fracture			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8918	2006	Low cost fuzzy controlled servo systems in mechatronic systems	14746670	IFAC Proceedings Volumes IFAC Papersonline	4	PART 1	0	0	1	0	0
8919	2006	Threats and countermeasures in GSM networks	17962056	Journal of Networks	1	6	0	0	1	0	0
8920	2006	Parametrical studies on steel member ductility		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0
8921	2006	Methodology for the assessment of remaining fatigue life for existing welded railway bridges		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0
8922	2006	Extended life for old highway bridges from the western part of Romania		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	0	0	0
8923	2006	Empirical modelling of laser texturing of 304L stainless steel		Icaleo 2006 25th International Congress on Applications of Laser and Electro Optics Congress Proceedings			0	0	0	0	0
8924	2006	Behaviour of steel MRFs subjected to near-fault ground motions		Proceedings of the 5th International Conference on Behaviour of Steel Structures in Seismic Areas Stessa 2006			0	0	0	0	0
8925	2006	Influence of earthquake types on the design of seismic-resistant steel structures - Part 2: Structural responses for different earthquake types		Proceedings of the 5th International Conference on Behaviour of Steel Structures in Seismic Areas Stessa 2006			0	0	0	0	0
8926	2006	Temperature control solution using interpolation for a geothermal power plant	14746670	IFAC Proceedings Volumes IFAC Papersonline	1	PART 1	0	0	0	0	0
8927	2006	Using a mobile robot as an educational tool		International Conference on Applied Electronics 2006 Ae			0	0	0	0	0
8928	2006	Complex data clustering using a new competitive learning algorithm		International Conference on Applied Electronics 2006 Ae			0	0	0	0	0
8929	2006	A CNN implementation of the Horn & Schunck motion estimation method		Proceedings of the IEEE International Workshop on Cellular Neural Networks and their Applications			0	0	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8930	2006	A meta-model for enterprise applications		Proceedings of the 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2006			0	0	0	1	0
8931	2006	Scalable and secure architecture for digital content distribution		Softcom 2006 International Conference on Software Telecommunications Andcomputer Networks			0	0	0	0	0
8932	2006	Monitoring serial communications in microcontroller based embedded systems		2006 International Conference on Computer Engineering and Systems Icces 06			0	2	0	0	0
8933	2006	Controlling a chaotic behavior of a current mode controlled boost converter using Ott-Grebogi-Yorke method		2006 IEEE International Conference on Automation Quality and Testing Robotics Aqtr			0	0	1	0	0
8934	2006	Seismic performance of cold-formed steel framed houses		Proceedings of the 5th International Conference on Behaviour of Steel Structures in Seismic Areas Stessa 2006			0	1	0	3	0
8935	2006	Opportunity and effectiveness of using high strength steel in seismic resistant building frames		Proceedings of the International Conference in Metal Structures Steel A New and Traditional Material for Building			0	0	1	0	0
8936	2006	On approximation of random signals and their usage in electronic packaging		Estc 2006 1st Electronics Systemintegration Technology Conference	1		0	0	1	1	0
8937	2006	Interleaving distances spectrum comparison between turbo-codes interleaves		Proceedings of the 9th European Conference on Wireless Technology Ecwt 2006			0	0	0	0	0
8938	2006	ANN prediction models for indoor environment		IEEE International Conference on Wireless and Mobile Computing Networking and Communications 2006 Wimob 2006			2	1	0	1	1
8939	2006	Implementation and evaluation model for the asynchronous search techniques: From a synchronously distributed system to a asynchronous distributed system		Proceedings of the 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2006			0	0	0	0	0
8940	2006	Teleconsultations as a step towards hospital interoperability	9269630	Studies in Health Technology and Informatics	124		0	0	0	0	0
8941	2006	LIN bus testing software	8407789	Canadian Conference on Electrical and Computer Engineering			0	0	0	1	1

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8942	2006	Topology optimization of an interior permanent magnet synchronous machine using a coupled finite elements - Genetic algorithms technique		12th Biennial IEEE Conference on Electromagnetic Field Computation Cefc 2006			0	0	0	0	0	
8943	2006	Sensitivity study of a class of fuzzy control systems	3246000	Periodica Polytechnica Electrical Engineering	50	03-Apr	1	0	0	0	0	
8944	2006	Educational virtual instrumentation application for system identification	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference			0	0	0	1	0	
8945	2006	Quality assessment of enterprise software systems	10951350	Proceedings Working Conference on Reverse Engineering Wcre			0	0	0	0	0	
8946	2006	Comparison of ANN based models for path loss prediction in indoor environment	15502252	IEEE Vehicular Technology Conference			1	2	2	2	1	
8947	2006	Using the discrete squaring function in the delayed message authentication protocol		International Conference on Internet Surveillance and Protection Icisip 06			0	0	0	0	0	
8948	2006	Fuzzy control solution for a class of tricycle mobile robots		2006 IEEE International Conference on Mechatronics Icm			0	0	0	0	0	
8949	2006	A localization method based on infrared detectors for surveillance areas		Proceedings of 2006 IEEE International Conference on Virtual Environments Human Computer Interfaces and Measurement Systems Vecims 2006			0	0	0	0	0	
8950	2006	Cavitation erosion characteristics of stainless steels with controled transformation	347752	Revista De Chimie	57	2	0	0	0	0	0	
8951	2006	Studiul obÅŃinerii oxazolidin-2-onei din bis(o-nitrofenil)carbonat ÅŃi etanolaminÇŹ	347752	Revista De Chimie	57	5	0	0	0	0	0	
8952	2006	Studiul descompunerii trifosgenului ÅŃi difosgenului ÅŃn fosgen ÅŃn prezenÅŃa cataliticÇŹ a unor halogenuri de tetraalchilamoniu ÅŃi fosfoniu	347752	Revista De Chimie	57	2	0	0	0	1	0	
8953	2006	Izomerizarea termicÇŹ a tris(2-cloroetil)fosfitului ÅŃi transformÇŹri consecutive	347752	Revista De Chimie	57	2	0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8954	2006	Implementing quantum genetic algorithms: A solution based on Grover's algorithm		Proceedings of the 3rd Conference on Computing Frontiers 2006 Cf 06	2006		1	4	4	2	5	
8955	2006	A dependability perspective on emerging technologies		Proceedings of the 3rd Conference on Computing Frontiers 2006 Cf 06	2006		0	0	0	0	0	
8956	2006	Problems associated with PEHD welding	255289	Materiale Plastice	43	4	0	1	0	0	0	
8957	2006	Study of the obtaining reaction for N,Nâ€™²-diphtalimidylcarbonate starting from triphosgene and N-hydroxyphthalimide in the presence of triethylamine	347752	Revista De Chimie	57	11	0	0	0	0	0	
8958	2006	Study of inhibition properties of the oxidative processes in vegetal oil using Rhamnaceae antioxidants	347752	Revista De Chimie	57	11	0	0	0	0	0	
8959	2006	Characterization of concrete roof tiles obtained from complex binding mass	347752	Revista De Chimie	57	4	0	0	0	0	0	
8960	2006	Chemical control of calcium carbonate deposition appeared at thermal water utilization	347752	Revista De Chimie	57	10	0	0	0	2	1	
8961	2006	Bis(o-nitrophenyl) carbonate, a valid alternative reagent to phosgene in symmetrical N,Nâ€™²-diaryl ureas synthesis	347752	Revista De Chimie	57	4	0	0	0	0	0	
8962	2006	Modelling of dispersion phenomenon of NO2 into the atmosphere by statistic methods	347752	Revista De Chimie	57	7	0	0	0	0	0	
8963	2006	Aminophosphonoic acids and derivatives: Antioxidant activity ranking	347752	Revista De Chimie	57	10	0	0	0	0	0	
8964	2006	Influence of carbon and nitrogen concentration on the friction welding of steels	347752	Revista De Chimie	57	10	0	0	0	0	0	
8965	2006	Environment protection by coupling of a municipal waste incinerator to an existing coal fire steam boiler	347752	Revista De Chimie	57	12	0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8966	2006	Environmental Parametres Influence on Immobilized Alkalase by Physical Bonding and Entrapment Within Silica Gel Obtained by Sol-Gel Technique	347752	Revista De Chimie	57	6	0	0	0	0	0
8967	2006	N,N- ϵ^2 -disuccinimidylcarbonate, a potential reagent in fine organic synthesis of reactive asymmetrical carbonates, used to protect amino groups from aminoacids for peptides synthesis	347752	Revista De Chimie	57	7	0	0	0	0	0
8968	2006	Analysis of flavonoids in Hydrangea paniculata and Ziziphus jujuba extracts using flash cromatography and HPLC	347752	Revista De Chimie	57	12	0	0	0	0	0
8969	2006	Reactions of 1H-3-methyl-4-ethoxycarbonyl-5-benzylidenehydrazino-pyrazole in nonaqueous media under conditions of undivided and divided-cell electrolysis	347752	Revista De Chimie	57	8	0	0	0	0	0
8970	2006	Approximate neutral surface of a convection problem for variable gravity field	3731243	Rendiconti Del Seminario Matematico	64	3	0	0	0	0	1
8971	2006	Synthesis, characterization and correlative biological effects in wheat of a benzoxaza- and a diaza-phosphorus(V) heterocycles	3525139	Journal of the Serbian Chemical Society	71	10	2	5	1	3	0
8972	2006	Study of the influence of temperature the venting depollution process of soils contaminated with volatile organic compounds	3525139	Journal of the Serbian Chemical Society	71	12	0	0	0	0	0
8973	2006	Using one-way chains to provide message authentication without shared secrets		Proceedings Second International Workshop on Security Privacy and Trust in Pervasive and Ubiquitous Computing Secperu 2006	2006		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
8974	2006	Sinteza și caracterizarea electrochimică a unor coloranți 1H-3-fenil-6-metil-7-aril-azo-pirazolo[5,1-c][1,2,4]triazolici	347752	Revista De Chimie	57	1	0	0	0	0	0	
8975	2006	Nitrozarea pirazolo[5,1-c] [1,2,4]triazolilor	347752	Revista De Chimie	57	3	0	0	0	0	1	
8976	2006	A pressure-controlled rat ventilator with electronically preset respirations	0160564X	Artificial Organs	30	12	1	0	0	0	0	
8977	2006	Harmonic passive mode-locking of a single-frequency semiconductor laser submitted to nonlinear optical feedback	189197	IEEE Journal of Quantum Electronics	42	12	0	0	1	0	0	
8978	2006	A semantic fusion approach between medical images and reports using UMLS	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	4182 LNCS		0	0	1	0	0	
8979	2006	Seismic behaviour of steel beam-to-column joints with column web stiffening	12299367	Steel and Composite Structures	6	6	1	0	2	0	0	
8980	2006	New lubricating oils obtained from mixtures of vegetable oils and di-2-ethylhexyl-adipate	255289	Materiale Plastice	43	2	0	0	0	0	0	
8981	2006	Improved pixel-wise masking for image watermarking	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	4105 LNCS		0	0	0	0	0	
8982	2006	Mitigating denial of service threats in GSM networks		Proceedings First International Conference on Availability Reliability and Security Ares 2006	2006		0	0	0	0	0	
8983	2006	Preserving topological information in the windowed Hough transform for rectangle extraction	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	4174 LNCS		0	0	0	0	0	
8984	2006	Physical-chemistry studies on geothermal waters and scale formations	353930	Revue Roumaine De Chimie	51	3	0	0	0	1	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8985	2006	Pre- and post-test mathematical modelling of a plan-asymmetric reinforced concrete frame building	988847	Earthquake Engineering and Structural Dynamics	35	11	2	2	3	3	1
8986	2006	The valuation of the enterprises and products competitiveness	13303651	Tehnicki Vjesnik	13	01-Feb	0	1	0	0	0
8987	2006	Microprocessor thermal characterization using thermal benchmark software	11092750	Wseas Transactions on Computers	5	11	0	0	0	0	0
8988	2006	Compact ultrasonic beamformer based on delta-sigma modulation	11092734	Wseas Transactions on Circuits and Systems	5	8	0	0	0	0	0
8989	2006	Development of a neural network guided mobile robot collectivity	11092734	Wseas Transactions on Circuits and Systems	5	6	0	0	0	0	0
8990	2006	Maximum predictability in signal interactions with HARETICK kernel	189456	IEEE Transactions on Instrumentation and Measurement	55	4	1	0	0	0	0
8991	2006	Rheology of polyaniline dispersions in acrylic resin	13000527	Turkish Journal of Chemistry	30	2	0	0	0	0	0
8992	2006	On the scenario of reconnection in non-twist cubic maps	9600779	Chaos Solitons and Fractals	30	5	0	0	0	0	0
8993	2006	Synthesis and electrochemical behavior of some 1H-3-methyl-4- ethoxycarbonyl-5-(benzylidenehydrazino)pyrazoles	269247	Monatshefte Fur Chemie	137	6	0	0	1	1	0
8994	2006	New modulation method for matrix converters	939994	IEEE Transactions on Industry Applications	42	3	2	0	0	1	2
8995	2006	The influence of the nature and textural properties of different supports on the thermal behavior of Keggin type heteropolyacids	3525139	Journal of the Serbian Chemical Society	71	3	0	0	1	0	2
8996	2006	Wittig-Horner reactions on styrene-divinylbenzene supports with benzaldehyde side-groups	1700839	Polymer Bulletin	57	2	0	1	0	1	0
8997	2006	Wittig reaction of quaternary phosphonium salts containing macromolecular ligands functionalized with aldehyde groups	255289	Materiale Plastice	43	1	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
8998	2006	New unsymmetrical complex diesters of adipic acid considered as tribological fluids		Technische Akademie Esslingen International Tribology Colloquium Proceedings	15		0	0	0	0	0
8999	2006	The use of fractal parameter for the characterization of structured surfaces	14544164	Journal of Optoelectronics and Advanced Materials	8	1	0	0	0	0	0
9000	2006	Analysis of the swirling flow downstream a francis turbine runner	982202	Journal of Fluids Engineering Transactions of the ASME	128	1	12	9	16	12	10
9001	2006	Improving the performances of asynchronous algorithms by combining the nogood processors with the nogood learning techniques	8684952	Informatica	17	1	0	0	0	0	0
9002	2006	Seismic response of composite structures including actual behaviour of beam-to-column joints		Proceedings of the 5th International Conference on Composite Construction in Steel and Concrete V			0	0	2	0	2
9003	2006	A novel step-up DC-DC converter and its applications	11092777	Wseas Transactions on Systems	5	4	0	0	0	0	0
9004	2006	Photon-added coherent states for the Morse oscillator	114626	Czechoslovak Journal of Physics	56	2	1	1	0	1	0
9005	2006	Stiffness of joints in bolted connected cold-formed steel trusses	0143974X	Journal of Constructional Steel Research	62	3	3	5	5	5	2
9006	2006	PI and PID controllers tuning for integral-type servo systems to ensure robust stability and controller robustness	9487921	Electrical Engineering	88	2	4	1	2	4	2
9007	2006	Numerical simulation of complex ratcheting tests with a multi-mechanism model type	7496419	International Journal of Plasticity	22	4	1	3	1	1	0
9008	2006	Comment on "reconnection scenarios..." Chaos Solitons and Fractals 2002;14(1):117-127	9600779	Chaos Solitons and Fractals	27	4	0	0	0	1	0
9009	2006	Stability of limit cycles in a pluripotent stem cell dynamics model	9600779	Chaos Solitons and Fractals	27	4	3	3	1	0	2
9010	2005	On the relationship between global solar radiation and daily maximum and minimum temperature	12237027	UPB Scientific Bulletin Series A Applied Mathematics and Physics	67	4	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9011	2005	Development of conventional and fuzzy controllers and takagi-sugeno fuzzy models dedicated for control of low order benchmarks with time variable parameters	17858860	Acta Polytechnica Hungarica	2	1	0	0	0	0	0
9012	2005	Selective random decrement techniques for bridge monitoring systems	15732487	Bridge Structures	1	4	0	0	0	0	1
9013	2005	DIASE - Expert system fault diagnosis for Timisoara 220 kV substation		Eurocon 2005 the International Conference on Computer as A Tool			1	0	0	1	0
9014	2005	Performance of turbo-codes on nakagami fiat fading (Radio) transmission channels	10586393	Conference Record Asilomar Conference on Signals Systems and Computers	2005		0	0	0	0	0
9015	2005	Determining the number of messages transmitted for the temporary links in the case of ABT family techniques		Proceedings Seventh International Symposium on Symbolic and Numeric Algorithms for Scientific Computing Synasc 2005	2005		0	0	0	0	0
9016	2005	About the possibility to implement a nonuniform oversampling receive beamformer in a FPGA	10510117	Proceedings IEEE Ultrasonics Symposium	2		0	0	0	0	0
9017	2005	PCB testing using infrared thermal signatures	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference	3		0	0	2	0	1
9018	2005	IPMSM motion-sensorless direct torque and flux control		IECON Proceedings Industrial Electronics Conference	2005		0	0	0	0	0
9019	2005	Design of active filters simulating mesh current equation of LC ladder filters		Isscs 2005 International Symposium on Signals Circuits and Systems Proceedings	1		1	0	0	0	0
9020	2005	Improved detection for robust image watermarking		Isscs 2005 International Symposium on Signals Circuits and Systems Proceedings	2		1	0	0	0	0
9021	2005	Failure detection in converter fed induction machines under different operation conditions		2005 IEEE International Conference on Electric Machines and Drives			0	0	1	0	0
9022	2005	Complex rival penalized learning for RBF neural network used in communication channel equalization		Isscs 2005 International Symposium on Signals Circuits and Systems Proceedings	2		0	0	0	0	0
9023	2005	Is it eLearning a viable solution in Romania?		Proceedings 5th IEEE International Conference on Advanced Learning Technologies IcaIt 2005	2005		0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
9024	2005	The impact of manufacturing issues above lead free soldering alloys		28th International Spring Seminar on Electronics Technology Meeting the Challenges of Electronics Technology Progress 2005	2005		0	0	0	0	0		
9025	2005	Safety interfaces for component-based systems	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	3688 LNCS		0	0	0	0	0		
9026	2005	The effect of flag introduction on the explosion of nogood values in the case of ABT family techniques	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	3690 LNAI		0	0	0	0	0		
9027	2005	Effects of laser beam scattering on through-transmission welding of polymers		24th International Congress on Applications of Lasers and Electro Optics Icaleo 2005 Congress Proceedings			1	0	0	0	0		
9028	2005	Studies on the thermal behavior of a complex mineral fertilizer of nitrophosphate type	406031	Thermochimica Acta	439	01-Feb	0	1	0	0	0		
9029	2005	Fuzzy control solution for hydro turbine generators		Proceedings of the 5th International Conference on Control and Automation Icca 05			0	0	0	0	0		
9030	2005	The bubble bit technique as improvement of HDL-based quantum circuits simulation	1080241X	Proceedings Simulation Symposium			0	0	0	0	0		
9031	2005	Peculiarities of ceramic powders synthesis using the combustion method	353930	Revue Roumaine De Chimie	50	11-Dec	0	0	0	0	0		
9032	2005	Towards the optimization of automatic detection of design flaws in object-oriented software systems	15345351	Proceedings of the European Conference on Software Maintenance and Reengineering CSMR			1	4	1	2	0		
9033	2005	Effect of the oxygen plasma treatment parameters on the carbon nanotubes surface properties	2578972	Surface and Coatings Technology	200	1-4 SPEC.	2	1	2	1	1		
9034	2005	A generalized structure based on systemic principles of the characteristic variables of material laser processing	303992	Optics and Laser Technology	37	7	0	0	0	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
9035	2005	Fracture Mechanics as a complementary method for determination of service life of old riveted steel bridges in Romania	389145	Stahlbau	74	9	0	0	0	0	0	
9036	2005	Electric Drives, Second Edition		Electric Drives Second Edition			0	0	0	1	0	
9037	2005	Determination of design resistance of existing steel bridges in Romania	389145	Stahlbau	74	8	0	0	0	0	0	
9038	2005	Highly predictable execution support for critical applications with HARETICK kernel	14348411	AEU International Journal of Electronics and Communications	59	5	0	0	0	0	0	
9039	2005	Polyfunctional plasticizers and lubricants of sebacic type	255289	Materiale Plastice	42	2	0	0	0	0	0	
9040	2005	Limits in the ultrasonic activation of polymeric materials in injection and extrusion processes	255289	Materiale Plastice	42	2	0	0	0	0	0	
9041	2005	Analysis of laser welded joints on "C" alloy used in the removable partial dentures technology	14732262	European Cells and Materials	10	SUPPL.1	1	0	0	0	0	
9042	2005	BEGA - A biaxial excitation generator for automobiles: Comprehensive characterization and test results	939994	IEEE Transactions on Industry Applications	41	4	1	3	1	0	2	
9043	2005	Embedded systems with adaptive architecture	11099445	Wseas Transactions on Electronics	2	3	0	0	0	0	0	
9044	2005	Some considerations on frictional losses evaluation of a water flow in microtubes	7351933	International Communications in Heat and Mass Transfer	32	7	0	0	0	0	0	
9045	2005	On some low-cost tracking controllers for mobile robots	14801752	Control and Intelligent Systems	33	1	1	0	1	0	0	
9046	2005	Ecological aspects concerning the combustion of lignite in Romanian thermopower plants	1968904	Energy Conversion and Management	46	09-Oct	0	0	0	0	0	
9047	2005	Influence of precursors and additives on microbial lipases stabilized by sol-gel entrapment	10242422	Biocatalysis and Biotransformation	23	03-Apr	0	0	0	0	0	
9048	2005	New instantaneous frequency estimation method based on image processing techniques	10179909	Journal of Electronic Imaging	14	2	0	1	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9049	2005	Trimorph actuation based on shape memory alloys	14544164	Journal of Optoelectronics and Advanced Materials	7	2	1	0	0	0	0
9050	2005	Morphology and phase modification of HVOF-sprayed MCrAlY-coatings remelted by electron beam irradiation	0042207X	Vacuum	77	4	1	2	0	1	0
9051	2005	Experimental and numerical results in hydrothermal synthesis of CuInS ₂ compound semiconductor nanocrystals	220248	Journal of Crystal Growth	275	01-Feb	1	0	0	1	1
9052	2005	Electric actuation technologies for automotive steering systems	1487191	SAE Technical Papers			1	0	0	0	0
9053	2005	Peculiar Problems in Cold-formed Steel Design Part 1	2541971	CISM International Centre for Mechanical Sciences Courses and Lectures	455		0	0	0	0	0
9054	2005	Retrofit of reinforced concrete shear walls with CFRP composites		Keep Concrete Attractive Proceedings of the Fib Symposium 2005	2		1	0	1	0	0
9055	2005	Iodotriphenylphosphonium triiodide: IR, 1H-NMR, 31P-NMR, UV-VIS spectroscopy and HPLC investigations	347752	Revista De Chimie	56	9	0	0	0	0	0
9056	2005	Sensitivity analysis of low cost fuzzy controlled servo systems	14746670	IFAC Proceedings Volumes IFAC Papersonline	16		1	1	0	0	0
9057	2005	Stability analysis of fuzzy control systems. Multivariable point of view	14746670	IFAC Proceedings Volumes IFAC Papersonline	16		0	0	0	1	0
9058	2005	Thermodynamic analysis of an air solar collector	17428297	International Journal of Exergy	2	4	0	1	1	0	0
9059	2005	Determination of the optimal operation mode of a flat solar collector by exergetic analysis and numerical simulation	3605442	Energy	30	5	4	10	4	3	4
9060	2005	State-space control structures for buck converters with/without input filter		2005 European Conference on Power Electronics and Applications	2005		0	0	0	0	1
9061	2005	Knowledge based system for power system static security assessment		Eurocon 2005 the International Conference on Computer as A Tool	II		1	0	1	0	0
9062	2005	Adaptive threshold puzzles		Eurocon 2005 the International Conference on Computer as A Tool	I		0	0	0	0	0
9063	2005	Some aspects concerning mid term monthly load forecasting using ANN		Eurocon 2005 the International Conference on Computer as A Tool	I		1	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
9064	2005	Towards DoS-resistant single sign-on systems		Eurocon 2005 the International Conference on Computer as A Tool			0	0	0	0	0		
9065	2005	Predictable signal generation with the hard real-time operating kernel HARETICK	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference	3		0	0	0	0	1		
9066	2005	Windows XP issues for real-time temperature monitoring	10915281	Conference Record IEEE Instrumentation and Measurement Technology Conference	3		0	0	0	0	0		
9067	2005	Diagnosing design problems in object oriented systems	10951350	Proceedings Working Conference on Reverse Engineering Wcre	2005		8	0	1	0	2		
9068	2005	Efectul nichelului din oțelurile inoxidabile cu 13% crom și sub 0,10% carbon asupra rezistenței la eroziune prin cavitație	347752	Revista De Chimie	56	11	1	2	3	0	0		
9069	2005	Considerații cu privire la sporirea capacității de reținere a mediilor filtrante	347752	Revista De Chimie	56	2	0	0	0	0	0		
9070	2005	Utilizarea trifosgenului în sinteze de n-carboxianhidride	347752	Revista De Chimie	56	6	0	0	0	0	0		
9071	2005	Enzime proteolitice în mediu organic: II. Influenta factorilor de mediu asupra rezoluției cinetice a esterilor metilici ai unor aminoacizi aromatici în solvenți organici	347752	Revista De Chimie	56	2	0	0	0	0	0		
9072	2005	Obținerea de S- și O-glicozide în condițiile CTI	347752	Revista De Chimie	56	12	0	0	0	0	0		
9073	2005	Comparative spectrometric study of two new azo stilbenic dyes	347752	Revista De Chimie	56	10	0	0	0	0	0		
9074	2005	Acizi aminofosfonici și derivați: VIII. Sinteze clasice și moderne de noi 1±-aminofosfonați	347752	Revista De Chimie	56	12	0	0	0	0	0		
9075	2005	Bioactive nanoparticles: 7. Essential oil from Apiaceae and Pinaceae family plants/β-cyclodextrin supramolecular system	347752	Revista De Chimie	56	8	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9076	2005	Studies on the diastereoisomers of two new azostilbenic dyes	347752	Revista De Chimie	56	8	0	0	0	0	0
9077	2005	Studiu privind influenta ionului Co2+ asupra dezvoltării și acumulării în plantele de soia a altor elemente chimice (fier, magneziu, calciu, potasiu și fosfor)	347752	Revista De Chimie	56	8	0	0	2	0	2
9078	2005	Electrodeposition of PbO2 and Co-doped PbO2 on stainless steel support and its electrochemical characterization in acidic media	347752	Revista De Chimie	56	3	0	0	1	0	0
9079	2005	Image watermarking based on the discrete wavelet transform statistical characteristics		Eurocon 2005 the International Conference on Computer as A Tool	II		0	0	0	0	0
9080	2005	Determinarea factorului de rugozitate al electrozilor pe bază de nichel scheletat prin voltametrie ciclică	347752	Revista De Chimie	56	7	0	0	0	0	1
9081	2005	Towards a simplified implementation of object-oriented design metrics	15301435	Proceedings International Software Metrics Symposium	2005		1	0	0	0	0
9082	2005	A new method for denoising SONAR images		Iscs 2005 International Symposium on Signals Circuits and Systems Proceedings	2		0	1	1	0	0
9083	2005	Managing the development of a regional E-administration network with academic expertise		Iccc 2005 IEEE 3rd International Conference on Computational Cybernetics Proceedings	2005		0	0	0	0	0
9084	2005	Advanced optimization design techniques for automotive interior permanent magnet synchronous machines		2005 IEEE International Conference on Electric Machines and Drives			2	1	0	0	0
9085	2005	Comparison of neural network models for path loss prediction		2005 IEEE International Conference on Wireless and Mobile Computing Networking and Communications Wimob 2005	1		2	8	5	1	1
9086	2005	Multi-scale MAP despeckling of SONAR images		Oceans 2005 Europe	2		0	0	0	2	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9087	2005	Motion planning for two mobile robots in an environment with obstacles by using cellular neural networks		Isscs 2005 International Symposium on Signals Circuits and Systems Proceedings	2		0	0	0	0	0
9088	2005	Survivability of embryonic memories: Analysis and design principles	15506029	Proceedings NASA Dod Conference on Evolvable Hardware Eh	2005		1	1	0	0	0
9089	2005	Sinteza și caracterizarea 1H-3-metil-4-etoxycarbonil-5- arilidenhidrazino-pirazolilor 1, intermediari în sinteza 1H-3-aril-6-metil-pirazolo[5,1-c][1,2,4]-triazolilor 2	347752	Revista De Chimie	56	3	0	0	0	0	0
9090	2005	Measurement and quality in object-oriented design		IEEE International Conference on Software Maintenance Icsm	2005		6	3	2	10	9
9091	2005	Numerical analysis of two dimensional heat conductivity in steady state regime	3246051	Periodica Polytechnica Mechanical Engineering	49	2	0	1	0	0	1
9092	2005	Study of polymers laser grooving by using the analysis of variance method		24th International Congress on Applications of Lasers and Electro Optics Icaleo 2005 Congress Proceedings			0	0	0	0	0
9093	2005	Improving quantum circuit dependability with reconfigurable quantum gate arrays		2005 Computing Frontiers Conference			0	0	0	0	0
9094	2005	Synthetic lubricants based on sebacic complex esters		Proceedings of the World Tribology Congress III 2005			0	0	0	0	0
9095	2005	Multiple-level concatenated coding in embryonics: A dependability analysis		Gecco 2005 Genetic and Evolutionary Computation Conference			0	0	0	0	0
9096	2005	Chemical polymerization of aniline in phenylphosphinic acid	3525139	Journal of the Serbian Chemical Society	70	10	0	0	1	0	1
9097	2005	Analysis of HVOF-sprayed MCrAlY coatings using SEM image processing	14544164	Journal of Optoelectronics and Advanced Materials	7	6	0	0	0	0	0
9098	2005	Sampling-based flood risk analysis for fluvial dike systems	14363240	Stochastic Environmental Research and Risk Assessment	19	6	1	1	1	5	2
9099	2005	Design criteria for seam and sheeting-to-framing connections of cold-formed steel shear panels		Seventeenth International Specialty Conference on Cold Formed Steel Structures Recent Research and Developments in Cold Formed Steel Design and Construction			0	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
9100	2005	Performance of ridge and eaves joints in cold-formed steel portal frames		Seventeenth International Specialty Conference on Cold Formed Steel Structures Recent Research and Developments in Cold Formed Steel Design and Construction			0	0	1	0	0		
9101	2005	Numerical modelling and codification of imperfections for cold-formed steel members analysis	12299367	Steel and Composite Structures	5	6	1	0	0	0	0		
9102	2005	A set of experiments to more fully characterize linear PM oscillatory machines	189464	IEEE Transactions on Magnetics	41	10	0	4	0	1	0		
9103	2005	Determination of the mechanical requirements for a progressive correction system of pectus excavatum in children	10926429	Journal of Laparoendoscopic and Advanced Surgical Techniques Part A	15	5	0	0	2	2	0		
9104	2005	New mixed esters with a complex alkyl-aryl structure considered as tribological fluids	2656582	Journal of Synthetic Lubrication	22	2	0	0	0	1	0		
9105	2005	Chlorophylls a and b content development in wheat treated with a phosphonium compound	21857	Agrochimica	49	01-Feb	0	0	0	0	0		
9106	2005	A geometric property of the sierpiński carpet	16073606	Quaestiones Mathematicae	28	2	3	0	1	1	3		
9107	2005	Synthesis of new active o-nitrophenyl carbamates	397911	Synthetic Communications	35	11	2	0	1	1	0		
9108	2005	Study of polymer laser grooving using a complete factorial experiment	8981507	Lasers in Engineering	15	03-Apr	0	0	0	0	0		
9109	2005	Ni,Zn/SiO2 ferrite nanocomposites prepared by an improved sol-gel method and their characterisation	14544164	Journal of Optoelectronics and Advanced Materials	7	2	2	0	0	1	0		
9110	2005	New polymer processing aids of the phtalic class	255289	Materiale Plastice	42	1	0	0	0	0	0		
9111	2005	Very-low-speed variable-structure control of sensorless induction machine drives without signal injection	939994	IEEE Transactions on Industry Applications	41	2	0	3	3	1	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9112	2005	Improvement of the oxidation behaviour of electron beam remelted MCrAlY coatings	12932558	Solid State Sciences	7	4	1	1	1	2	3
9113	2005	Synthesis and auxinic behavior of 3-ethyl-2-isopropyl-3,5-dimethyl-1,4,2- diazaphosphorine 2-oxide	13180207	Acta Chimica Slovenica	52	1	0	0	0	1	0
9114	2005	Managing variability of self-customizable systems through composable components	10774866	Software Process Improvement and Practice	10	1	0	0	0	0	0
9115	2005	Concentrated magnetic fluids on water and short chain length organic carriers	3048853	Journal of Magnetism and Magnetic Materials	289		0	0	0	0	0
9116	2004	Study of thermal stability of some polyaniline-DVB gels	15421406	Molecular Crystals and Liquid Crystals	416		0	0	0	0	0
9117	2004	Magnetizable colloids on strongly polar carriers - Preparation and manifold characterization	0340255X	Progress in Colloid and Polymer Science	125		0	1	1	0	0
9118	2004	Supervising environmental air pollution by means of optical remote sensing, in comparison to the ND-IR procedure	835560	VDI Berichte		1863	0	0	0	0	0
9119	2004	Chemical synthesis of polyaniline doped with phenylphosphinic acid	255289	Materiale Plastice	41	3	0	0	0	0	0
9120	2004	Dynamics of vehicle in motion over the irregularities of rolling track		Proceedings of the Mini Conference on Vehicle System Dynamics Identification and Anomalies			0	0	0	0	0
9121	2004	Nonlinear complex channel equalization using a radial basis function neural network		2004 Seventh Seminar on Neural Network Applications in Electrical Engineering Proceedings Neurel 2004			0	0	0	0	0
9122	2004	Quantifying the quality of object-oriented design: The Factor-Strategy model	10951350	Proceedings Working Conference on Reverse Engineering Wcre			3	0	0	5	3
9123	2004	Detection strategies: Metrics-based rules for detecting design flaws		IEEE International Conference on Software Maintenance Icsm			36	22	24	16	14

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
9124	2004	Enhanced simplified control algorithm for surface-mounted permanent magnet synchronous motors with sinusoidal excitation		Conference Proceedings Ipemc 2004 4th International Power Electronics and Motion Control Conference	2		0	0	0	0	0		
9125	2004	The determination of the activation energy, by DSC and DPC, for the radicalic polymerization of dodecylmethacrylate	255289	Materiale Plastice	41	4	0	0	0	0	0		
9126	2004	Citric esters with a complex structure and polymer processing aids properties	255289	Materiale Plastice	41	4	0	1	0	0	0		
9127	2004	Management of change in Romanian technical libraries: Case of library of the Politehnica university in TimiÅŸoara		IATUL Proceedings Volume 14 New Series 2004 Library Management in Changing Environment			0	0	0	0	0		
9128	2004	Self-repairing embryonic memory arrays		Proceedings 2004 NASA Dod Conference on Evolvable Hardware			0	1	0	1	0		
9129	2004	Fuzzy controllers for tire slip control in anti-lock braking systems	10987584	IEEE International Conference on Fuzzy Systems	3		3	1	2	5	1		
9130	2004	Camera calibration using compound genetic-simplex algorithm	14544164	Journal of Optoelectronics and Advanced Materials	6	4	0	0	0	0	0		
9131	2004	Comparative optimization design of an interior permanent magnet synchronous motor for an automotive active steering system	2759306	PESC Record IEEE Annual Power Electronics Specialists Conference	1		0	0	1	1	0		
9132	2004	Noise control for pressing machines. Man-machine characterization	1375075	Archives of Acoustics	29	2	0	0	0	0	1		
9133	2004	A sensorless hybrid DTC drive for high-volume low-cost applications	2780046	IEEE Transactions on Industrial Electronics	51	5	3	0	2	2	1		
9134	2004	Development of Fuzzy Controllers with Dynamics Regarding Stability Conditions and Sensitivity Analysis	13430130	Journal of Advanced Computational Intelligence and Intelligent Informatics	8	5	0	0	0	0	0		
9135	2004	Solutions without singularities in gauge theory of gravitation	1291831	International Journal of Modern Physics C	15	7	1	0	0	1	2		
9136	2004	Complex characterization of physiology solution based magnetic fluid	9714588	Indian Journal of Engineering and Materials Sciences	11	4	0	0	0	0	1		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9137	2004	Statistical properties of Klauder-Perelomov coherent states for the Morse potential	2179792	International Journal of Modern Physics B	18	3	3	0	1	0	0
9138	2004	Basalt based glass ceramics. Kinetic studies of the crystallization processes	10139826	Key Engineering Materials	264-268	III	0	0	0	0	0
9139	2004	Sensitivity analysis of a class of fuzzy controlled mobile robots	14746670	IFAC Proceedings Volumes IFAC Papersonline	37	16	0	1	0	1	0
9140	2004	Improved microcontroller and FPGA based signal generator	14746670	IFAC Proceedings Volumes IFAC Papersonline	37	20	0	0	0	1	0
9141	2004	Studies about synthesis, characterization, and the effect of 2-n-propyl-3-ethyl-3-methyl-1,4,2-benzoxaza-phosphorine-2-oxide on growth parameters and chlorophyll content of wheat	10426507	Phosphorus Sulfur and Silicon and the Related Elements	179	9	0	0	0	1	0
9142	2004	Studies on the thermal behaviour of the ammonium cobalt phosphate	347752	Revista De Chimie	55	2	0	0	0	0	0
9143	2004	Separation Processes	347752	Revista De Chimie	55	8	0	0	0	0	0
9144	2004	The color and the behaviour of some vinylic reactive dyes - Derivatives of the monosuphuric ester of 2-(4-amino-benzenesulfonyl)-ethanol	347752	Revista De Chimie	55	6	0	0	0	0	0
9145	2004	Optimisation criteria in development of fuzzy controllers with dynamics	9521976	Engineering Applications of Artificial Intelligence	17	6	1	2	11	4	7
9146	2004	The synthesis of polymeric phosphonates by using phase transfer catalysis	347752	Revista De Chimie	55	6	0	0	1	0	0
9147	2004	Development of a flux concentration-type linear oscillatory actuator	189464	IEEE Transactions on Magnetics	40	4 II	0	4	2	2	2
9148	2004	Influence of temperature on the polymerization solution of acrylates in a bubble column reactor	255289	Materiale Plastice	41	2	0	1	1	0	0
9149	2004	Using HDLs for describing quantum circuits: A framework for efficient quantum algorithm simulation		2004 Computing Frontiers Conference			0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9150	2004	Phosphate esters with a complex alkyl-aryl structure considered as tribological fluids	2656582	Journal of Synthetic Lubrication	21	2	0	0	0	0	0
9151	2004	Variable-structure direct torque control - A class of fast and robust controllers for induction machine drives	2780046	IEEE Transactions on Industrial Electronics	51	4	6	8	4	2	0
9152	2004	Specifying and verifying partial order properties using template MSCs	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	2987		0	0	0	0	0
9153	2004	1H-3-methyl-4-ethoxycarbonyl-5-aryl-hydrazino-pyrazoles as intermediates in the synthesis of 1H-3-aryl-6-methyl-7-ethoxycarbonyl-pyrazolo[5,1-c][1,2,4] triazoles	347752	Revista De Chimie	55	12	0	0	0	0	0
9154	2004	The study of the electrochemical behaviour of metalo-porphyrins with Co(II) and Co(III). Nitrite-selective electrode based on [5,10,15,20-tetraphenyl-21H, 23H-porphyrinato-N21, N22, N23, N24] Co(III) chloride	347752	Revista De Chimie	55	11	0	0	0	0	0
9155	2004	Proteolytic Enzymes in Organic Media. I. The Selection of the Enzymes and the Optimization of the Aqueous-Organic Media for the Optically Active Aminoacids Syntheses by the Kinetic Resolution of their Esthers	347752	Revista De Chimie	55	12	0	0	0	0	0
9156	2004	Vinylsulphonic reactive dyes - Derivatives of the monosulfuric ester of 2-(4-amino-benzenesulphonyl)-ethanol	347752	Revista De Chimie	55	4	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii						
							2020	2021	2022	2023	2024		
9157	2004	The study of the chemical properties of alkyl and aryldichlorophosphines. II. A new heterocyclic phosphate compound obtained from p- tolydilchlorophosphine. Synthesis, characterization and biological activity	347752	Revista De Chimie	55	5	0	0	0	0	0		
9158	2004	Architecture-aware adaptive clustering of OO systems	15345351	Proceedings of the European Conference on Software Maintenance and Reengineering CSMR	8		2	3	1	2	1		
9159	2004	New mixed esters with a complex alkyl-aryl structure considered as tribological fluids		Technische Akademie Esslingen International Tribology Colloquium Proceedings	14 I		0	0	0	0	0		
9160	2004	Novel admission control algorithm for GPRS/EGPRS based on fuzzy logic	5379989	IEE Conference Publication		503	1	0	0	0	0		
9161	2004	PM-assisted reluctance synchronous motor/generator (PM-RSM) for mild hybrid vehicles: Electromagnetic design	939994	IEEE Transactions on Industry Applications	40	2	7	5	9	0	1		
9162	2004	Direct torque control of sensorless induction motor drives: A sliding-mode approach	939994	IEEE Transactions on Industry Applications	40	2	11	11	8	11	8		
9163	2004	Investigations of a magnetorheological fluid damper	189464	IEEE Transactions on Magnetics	40	2 I	0	3	2	1	1		
9164	2004	Automating Decisions in Component Composition Based on Propagation of Requirements	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	2984		0	0	0	0	0		
9165	2004	Microcontroller applications reconfiguration method and development system	14746670	IFAC Proceedings Volumes IFAC Papersonline	37	20	0	0	0	0	0		
9166	2004	Embedded system for air-cushion transporter control	14746670	IFAC Proceedings Volumes IFAC Papersonline	37	20	0	0	0	0	0		
9167	2004	"Memory" effect analysis to electrocoated surface from disperse system	14544164	Journal of Optoelectronics and Advanced Materials	6	1	0	0	0	0	0		

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9168	2004	Wind Turbine Generator Modeling and Simulation Where Rotational Speed is the Controlled Variable	939994	IEEE Transactions on Industry Applications	40	1	3	6	5	1	1
9169	2004	The experimental research on microtube heat transfer and fluid flow of distilled water	179310	International Journal of Heat and Mass Transfer	47	Dec-13	9	5	4	2	4
9170	2004	Combining the Principles of Sliding Mode, Direct Torque Control, and Space-Vector Modulation in a High-Performance Sensorless AC Drive	939994	IEEE Transactions on Industry Applications	40	1	16	7	2	7	4
9171	2004	A microcontroller based data acquisition system with USB interface		Proceedings 2004 International Conference on Electrical Electronic and Computer Engineering Iceec 04			0	0	0	0	0
9172	2004	Area-efficient visualization of Web data		Proceedings of the International Conference on Internet Computing IC 04	1		0	0	0	0	0
9173	2004	Molecular van der Waals space and topological indices from the distance matrix	14203049	Molecules	9	12	0	0	2	1	3
9174	2004	BEGA - A biaxial excitation generator for automobiles: Comprehensive characterization and test results	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society	3		0	0	0	0	0
9175	2004	The use of infra - Red detectors for determination of the fracture mechanics parameters	14544164	Journal of Optoelectronics and Advanced Materials	6	4	0	0	0	0	0
9176	2004	Generalized Regression Neural Network prediction model for indoor environment	15301346	Proceedings IEEE Symposium on Computers and Communications	2		0	1	0	1	1
9177	2004	Greedy Tree Growing Heuristics on Block-Test Scheduling Under Power Constraints	9238174	Journal of Electronic Testing Theory and Applications JETTA	20	1	0	1	1	0	0
9178	2004	Electrochemical polymerisation of aniline on skeleton nickel electrodes	15421406	Molecular Crystals and Liquid Crystals	416		0	0	0	1	0
9179	2004	The use of the nanomagnetic fluids and the magnetic field to enhance the production of composite by RTM - MNF	15421406	Molecular Crystals and Liquid Crystals	418		0	0	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
9180	2004	Phosphorus compounds as photoinitiators for radicalic polymerization	15421406	Molecular Crystals and Liquid Crystals	416		0	0	0	0	0	
9181	2004	Performance criteria for MR steel frames in seismic zones	0143974X	Journal of Constructional Steel Research	60	03-May	1	4	2	2	1	
9182	2004	Thin-Walled Structures: Foreword	2638231	Thin Walled Structures	42	2	0	0	0	0	0	
9183	2004	Recent research advances on the ECBL approach. Part II: Interactive buckling of perforated sections	2638231	Thin Walled Structures	42	2	0	0	0	0	0	
9184	2004	Performance of wall-stud cold-formed shear panels under monotonic and cyclic loading - Part I: Experimental research	2638231	Thin Walled Structures	42	2	17	28	20	13	20	
9185	2004	Performance of wall-stud cold-formed shear panels under monotonic and cyclic loading - Part II: Numerical modelling and performance analysis	2638231	Thin Walled Structures	42	2	8	5	4	4	4	
9186	2004	Production and characterisation of vapour grown carbon fiber/polypropylene composites	86223	Carbon	42	1	2	1	2	3	2	
9187	2004	Recent research advances on ECBL approach. Part I: Plastic-elastic interactive buckling of cold-formed steel sections	2638231	Thin Walled Structures	42	2	0	3	0	1	1	
9188	2003	Gazeau-Klauder quasi-coherent states for the Morse oscillator	3759601	Physics Letters Section A General Atomic and Solid State Physics	316	6	4	1	2	3	1	
9189	2003	Group theory approach to the Dirac equation with a Coulomb plus scalar potential in D+1 dimensions	222488	Journal of Mathematical Physics	44	10	7	1	3	3	1	
9190	2003	The Villari effect in Fe-Cr-B amorphous ribbons	9244247	Sensors and Actuators A Physical	106	01-Mar	4	1	1	0	0	
9191	2003	Estimation of magnetic particle clustering in magnetic fluids from static magnetization experiments	219797	Journal of Colloid and Interface Science	264	1	0	2	1	0	1	
9192	2003	Photolysis of ozone in aqueous solutions in the presence of tertiary butanol	0013936X	Environmental Science and Technology	37	9	3	6	12	6	8	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
9193	2003	Electrochemical oxidation of sodium ethyl xanthate in aqueous solutions	353930	Revue Roumaine De Chimie	48	2	0	0	0	0	0	
9194	2003	Analysis, redesign and rehabilitation of reinforced concrete framed structures in seismic regions		Proceedings of the Fib Symposium 2003 Concrete Structures in Seismic Regions			0	0	0	0	0	
9195	2003	Implementation of a genetic algorithm for components optimal placement in electronic packaging	21612528	Proceedings of the International Spring Seminar on Electronics Technology	2003-January		0	0	0	1	0	
9196	2003	Synthesis, characterisation and antibacterial activity of quaternary phosphonium salts bonded on Poly(oxyethylene)s	353930	Revue Roumaine De Chimie	48	1	0	0	0	0	0	
9197	2003	Structural investigations and thermal analysis of the coordination compound obtained through the reaction of 1,3-Propanediol with Co(NO ₃) ₂ ·6H ₂ O	353930	Revue Roumaine De Chimie	48	12	0	0	0	0	0	
9198	2003	Polycationic biocides with pendant quaternary groups. I: Effect of the structure of phosphonium salts grafted on "gel"-type styrene-divinylbenzene copolymers on removal of bacteria from water	353930	Revue Roumaine De Chimie	48	6	0	0	0	0	0	
9199	2003	Polycationic biocides with pendant quaternary groups. II: Synthesis and antimicrobial activity of ammonium salts grafted on "GEL"-Type styrene-divinylbenzene copolymers against Staphylococcus aureus and Escherichia coli	353930	Revue Roumaine De Chimie	48	9	0	0	0	0	0	
9200	2003	Very low speed sensorless variable structure control of induction machine drives without signal injection		IEMDC 2003 IEEE International Electric Machines and Drives Conference	3		0	0	0	0	0	
9201	2003	Points of view in controller design by means of extended symmetrical optimum method	14746670	IFAC Proceedings Volumes IFAC Papersonline	36	18	0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9202	2003	A simplified method of obtaining 3-aryl-5-mercapto-1,2,4-triazoles	347752	Revista De Chimie	54	4	0	0	0	0	1
9203	2003	The influence of some parameters on the column copolymerization with bubbling	347752	Revista De Chimie	54	7	0	1	1	0	0
9204	2003	Contributions to the heat transfer study using analogue-digital systems	347752	Revista De Chimie	54	3	1	0	0	0	0
9205	2003	New glycosyl derivatives of 5-substituted-3-mercapto-1,2,4-triazole	347752	Revista De Chimie	54	2	0	0	0	0	1
9206	2003	2-Chloroethylphosphonic acids grafted on styrene-divinylbenzene copolymers through N-î ² -aminoethyl-aminomethyl, N-î ³ -aminopropyl-aminomethyl and N-î'-aminobuthyl-aminomethyl type linkages	347752	Revista De Chimie	54	1	0	0	0	0	0
9207	2003	The study on the absorption process of CO ₂ in K ₂ CO ₃ solution with promoters	347752	Revista De Chimie	54	11	0	0	0	0	0
9208	2003	Reduction of Cr(VI) using polyaniline-polystyrene-divinyl benzene gels	347752	Revista De Chimie	54	8	0	0	0	0	0
9209	2003	(p-tolyl)dichlorophosphine and di(p-tolyl)chlorophosphine sources of new organophosphorus(III) and (V) compounds	353930	Revue Roumaine De Chimie	48	3	0	0	0	0	0
9210	2003	A description language for composable components	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	2621		0	0	0	0	0
9211	2003	The coupling of 1H-3-phenyl-6-methyl-pyrazolo-[3,2-c]-s-triazole with the phenyl diazonium chloride	347752	Revista De Chimie	54	6	0	0	0	0	0
9212	2003	Abietic acid ammonium salts, biodegradable surface-active agents with antimicrobial activity	347752	Revista De Chimie	54	11	0	1	0	0	0
9213	2003	Adaptive denoising of low SNR signals	14345641	Ari Bulletin of the Istanbul Technical University	53	2	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9214	2003	The hydration of some calcium aluminates obtained from organic precursors	347752	Revista De Chimie	54	1	0	0	0	0	0
9215	2003	Fabrication and characterization of freestanding NiMnGa films	2729172	Materials Research Society Symposium Proceedings	785		0	0	0	0	0
9216	2003	The Arbuzov reaction used in the synthesis of phosphonates-based resins	347752	Revista De Chimie	54	10	0	0	0	0	0
9217	2003	A conformational and reactivity study in the class of carbonic acid diesters	347752	Revista De Chimie	54	4	0	0	0	0	0
9218	2003	Sliding mode navigation control in intelligent space		2003 IEEE International Symposium on Intelligent Signal Processing from Classical Measurement to Computing with Perceptions Wisp 2003 Proceedings			0	0	1	0	0
9219	2003	Linear electromagnetic actuators and their control: A review	9398368	EPE Journal European Power Electronics and Drives Journal	14	1	3	2	1	5	3
9220	2003	Bubble Gas Column Reactors Used for Polymerization	255289	Materiale Plastice	40	4	0	1	0	0	0
9221	2003	Evaluation of Inhabitant's Walking Habit in Intelligent Space		IECON Proceedings Industrial Electronics Conference	2		0	0	0	0	0
9222	2003	Control of Electric Generators: A Review		IECON Proceedings Industrial Electronics Conference	1		0	0	0	4	0
9223	2003	New ferromagnetic and functionally graded shape memory alloys	14544164	Journal of Optoelectronics and Advanced Materials	5	1	2	0	1	1	1
9224	2003	Modeling the multi-crystalline silicon ingot solidification process in a vertical square furnace	14544164	Journal of Optoelectronics and Advanced Materials	5	1	0	0	0	0	0
9225	2003	Structural relaxation in Fe70Cr10.5P11.5Mn1.5C6.5 Amorphous alloy	14544164	Journal of Optoelectronics and Advanced Materials	5	1	1	1	1	0	0
9226	2003	The Heterogenizing of Chloromethylated Styrene-Divinylbenzene Copolymers with orto- and para-Aminobenzoic Pending Groups	255289	Materiale Plastice	40	3	0	1	1	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9227	2003	Study of quaternary 'onium' salts grafted on polymers: Antibacterial activity of quaternary phosphonium salts grafted on 'gel-type' styrene-divinylbenzene copolymers	13815148	Reactive and Functional Polymers	55	2	7	2	3	5	1
9228	2003	Microstructures and transformation behavior of CoNiGa ferromagnetic shape memory alloys	11554339	Journal De Physique IV JP	112 II		2	0	0	0	0
9229	2003	Condition Monitoring of Wind Generators	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society	3		5	2	8	4	4
9230	2003	Fast ion conduction in silver molybdenum phosphate glasses	14544164	Journal of Optoelectronics and Advanced Materials	5	1	0	0	0	0	0
9231	2003	PI predictive fuzzy controllers for electrical drive speed control: Methods and software for stable development	1663615	Computers in Industry	52	3	4	3	15	0	1
9232	2003	Creation of twistless circles in a model of stellar pulsations	10075704	Communications in Nonlinear Science and Numerical Simulation	8	03-Apr	0	0	0	0	0
9233	2003	Kinetic study of the crystallization processes of some glass ceramics based on basalt, via thermal analysis	13886150	Journal of Thermal Analysis and Calorimetry	72	3	0	0	1	1	0
9234	2003	Kinetics of crystallization processes in some glass ceramic products influence of nucleation agents	13886150	Journal of Thermal Analysis and Calorimetry	72	3	0	1	0	0	0
9235	2003	A new instantaneous frequency estimation method based on the use of image processing techniques	0277786X	Proceedings of SPIE the International Society for Optical Engineering	5014		0	0	0	0	0
9236	2003	New citric esters with aromatic content and a complex structure considered for use as tribological fluids	2656582	Journal of Synthetic Lubrication	20	1	0	1	0	0	0
9237	2003	Microstructures and magnetic properties of rapidly solidified CoNiGa ferromagnetic shape memory alloys	3048853	Journal of Magnetism and Magnetic Materials	262	2	2	2	1	1	0
9238	2003	Thermal behaviour of the homopolynuclear glyoxylate complex combinations with Cu(II) and Cr(III)	13886150	Journal of Thermal Analysis and Calorimetry	72	2	1	1	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9239	2003	Stability of semiconductive coatings based on polyaniline	255289	Materiale Plastice	40	1	0	0	0	0	0
9240	2003	DeSitter gauge theory of gravitation	1291831	International Journal of Modern Physics C	14	1	1	0	0	2	5
9241	2003	Entry and exit sets in the dynamics of area preserving HÄnon map	9600779	Chaos Solitons and Fractals	17	4	1	2	0	0	0
9242	2003	Nanocrystallite size effect on İfs and Hc in nanoparticle assemblies	9214526	Physica B Condensed Matter	327	1	3	6	4	2	3
9243	2003	Kinetics of thin films mechanical oscillations	3784371	Physica A Statistical Mechanics and Its Applications	317	01-Feb	0	0	0	0	0
9244	2002	Magnetic characterization of nanocrystalline Ni-Zn ferrite powder prepared by the glyoxylate precursor method	223727	Journal of Physics D Applied Physics	35	23	6	11	8	3	3
9245	2002	Characterisation of pancreatic lipase substrate specificity in organic reaction media by a kinetic method	13811177	Journal of Molecular Catalysis B Enzymatic	19-20		1	0	2	1	0
9246	2002	Organo-zeolites in environmental pollution abatement processes II. Removal of metal anions	15829596	Environmental Engineering and Management Journal	1	4	0	0	0	0	0
9247	2002	Photon-added Barut-Girardello coherent states of the pseudoharmonic oscillator	3054470	Journal of Physics A Mathematical and General	35	33	1	1	1	2	1
9248	2002	Rheological and magnetorheological behaviour of some magnetic fluids on polar and nonpolar carrier liquids	2179792	International Journal of Modern Physics B	16	17-18	1	0	1	0	0
9249	2002	Development methods of fuzzy controllers with dynamics for low order benchmarks (electrical drives)		2002 1st International IEEE Symposium	2		0	0	0	0	0
9250	2002	Development method for a Takagi-Sugeno PI-fuzzy controller	14746670	IFAC Proceedings Volumes IFAC Papersonline	15	1	0	0	0	0	0
9251	2002	Low cost fuzzy controllers for classes of second-order systems	14746670	IFAC Proceedings Volumes IFAC Papersonline	15	1	0	0	2	0	0
9252	2002	Electrons in cylindrical quantum wires		2002 23rd International Conference on Microelectronics Miel 2002 Proceedings	1		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
9253	2002	Nitrobenzophenones and derivates. 2. Differences and similitudes of the mass spectra of nitrobenzophenones	347752	Revista De Chimie	53	2	0	0	0	0	0	
9254	2002	Nitrobenzophenones and their derivatives. 3 new acetals of mono and dinitrobenzophenones	353930	Revue Roumaine De Chimie	47	03-Apr	0	0	0	0	0	
9255	2002	Managing resources in a GP national network: Problems and achievements	9269630	Studies in Health Technology and Informatics	90		0	0	0	0	1	
9256	2002	The solution copolymerization of acrylates with styrene	347752	Revista De Chimie	53	4	0	1	0	0	0	
9257	2002	Membrane materials. II. Electrodialysis with membranes of chemically modified polyetherketones	347752	Revista De Chimie	53	6	0	0	1	0	1	
9258	2002	Differential mass spectrometry. 3. The differential analysis of 2-,3- and 4-nitrobenzophenones mass spectra	347752	Revista De Chimie	53	5	0	0	0	0	0	
9259	2002	Azoic compounds derivated from 1H-3-methyl-ethoxycarbonyl-5-amino-pyrazol and phenols	347752	Revista De Chimie	53	7	0	0	0	0	0	
9260	2002	Glucosylsulfones, valuable syntons in obtaining C,O-glycosides	347752	Revista De Chimie	53	11	0	0	0	0	0	
9261	2002	Glycopyranosyl phenyl sulfone, valuable intermediates in the synthesis of C-glycosydes. 5 One intermediate, two glucopyranosyl phenyl sulfone	347752	Revista De Chimie	53	12	0	0	0	0	0	
9262	2002	Nitrobenzophenones and derivates. 1. The synthesis and the caracteriztion of mono and dinitrobenzophenones	347752	Revista De Chimie	53	1	0	0	0	0	0	
9263	2002	Pseudo-keramides and their derivatives. 1. Isopropylidene acetals of N-acetyl-N-methyl glucamine - Preliminary study	347752	Revista De Chimie	53	11	0	0	0	0	0	
9264	2002	Pseudo-keramides and their derivatives. 2 Cyclohexylidene acetals of N-acetyl-N-metyl glucamine	347752	Revista De Chimie	53	12	0	0	0	0	0	

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9265	2002	Calixarene-carriers in liquid membranes. III. The transport of P 2+ cations through liquid membranes with thiocalix[4]arene	347752	Revista De Chimie	53	1	0	0	0	0	0
9266	2002	A CNN path planning for a mobile robot in an environment with obstacles		Proceedings of the IEEE International Workshop on Cellular Neural Networks and their Applications	2002-January		2	0	0	0	0
9267	2002	Facile bromination of the benzene ring during the cyclisation of the 1H-3-methyl-4-ethoxycarbonyl-5-arylidenehydrazonopyrazoles to the 3-substituted-aryl-1H-6-methyl-7-ethoxycarbonyl-pyrazolo[3,2-c]-s-triazoles	14246376	Arkivoc	2002	2	0	0	1	0	0
9268	2002	Plastic strength of thin-walled members		International Specialty Conference on Cold Formed Steel Structures Recent Research and Developments in Cold Formed Steel Design and Construction			0	1	0	0	0
9269	2002	Seismic performance of wall-stud shear walls		International Specialty Conference on Cold Formed Steel Structures Recent Research and Developments in Cold Formed Steel Design and Construction			0	1	1	1	0
9270	2002	The reactivity of bis(mononitrophenylcarbonates) in reactions with nitrogen nucleophiles and of basic hydrolysis	347752	Revista De Chimie	53	7	0	0	0	0	0
9271	2002	The effect of particle reinforcement upon the precipitation of secondary phases in composites with aluminum matrix	10120386	Defect and Diffusion Forum	203-205		0	0	0	0	0
9272	2002	The study of the chemical properties of the alkyl and aryl dichlorophosphines. I New heterocyclic compounds of phosphorus (V) - Synthesis and characterization	347752	Revista De Chimie	53	7	1	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS											
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9273	2002	Preparation and magnetic properties of concentrated magnetic fluids on alcohol and water carrier liquids	3048853	Journal of Magnetism and Magnetic Materials	252	1-3 SPEC.	0	2	4	2	0
9274	2002	Determination of diffusion coefficient for Cu(II) retention on chemically activated clinoptilolite	1672991	Studies in Surface Science and Catalysis	142 B		0	0	0	0	0
9275	2002	Pb(II) ion exchange on zeolite - Supported magnetite. Characterization of process by effective diffusivity coefficient	1672991	Studies in Surface Science and Catalysis	142 B		0	0	0	0	0
9276	2002	Influence of the boundary conditions on the electron properties of thin films with two sublattices	2555476	Materials Science Forum	413		0	0	0	0	0
9277	2002	Theoretical characterization of flux reversal machine in low-speed servo drives - The pole-PM configuration	939994	IEEE Transactions on Industry Applications	38	6	10	3	12	9	4
9278	2002	The game of the 'very small' and the 'very big'	1430807	European Journal of Physics	23	4	0	0	0	0	0
9279	2002	Study of the specific features regarding the formation of the spinel phases in the CoO-Co2O3-Al2O3 system	205214	Interceram International Ceramic Review	51	4	0	0	0	0	0
9280	2002	The growth of a single crystal filament and of a sheet with pre-established piece-wise constant diameter cross-section and half-thickness, respectively, from the melt in a vacuum by EFG method	220248	Journal of Crystal Growth	241	3	0	0	0	0	0
9281	2002	Complex dynamics in a simple model of pulsations for super-asymptotic giant branch stars	10541500	Chaos	12	2	0	0	0	2	0
9282	2002	Removal of nonylphenol ethoxylates by electrochemically-generated coagulants	0021891X	Journal of Applied Electrochemistry	32	5	0	0	0	0	1
9283	2002	Numerical heat transfer fluid flow through channels with fins with varying cross-section in the streamwise direction	7351933	International Communications in Heat and Mass Transfer	29	4	0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9284	2002	New solutions for a low-cost power electronic building block for matrix converters	2780046	IEEE Transactions on Industrial Electronics	49	2	0	0	1	2	0
9285	2002	A new matrix converter motor (MCM) for industry applications	2780046	IEEE Transactions on Industrial Electronics	49	2	6	4	1	2	3
9286	2002	Modelling of the temperature changes by adequate changes of the pulling rate in the case of sheets and filaments grown from the melt in a vacuum by EFG method	220248	Journal of Crystal Growth	240	01-Feb	0	0	0	0	0
9287	2002	Factors affecting the isotherm shape of semi-transparent BaF ₂ crystals grown by Bridgman method	220248	Journal of Crystal Growth	237-239	1 4 III	0	0	0	0	0
9288	2002	Effect of imperfections on numerical simulation of instability behaviour of cold-formed steel members	2638231	Thin Walled Structures	40	3	3	9	15	18	6
9289	2002	Adaptive observer for sensorless control of permanent magnet synchronous motor drives	15325008	Electric Power Components and Systems	30	2	1	0	0	0	0
9290	2002	Two sliding mode based observers for sensorless control of PMSM drives	15325008	Electric Power Components and Systems	30	2	0	0	0	0	0
9291	2002	Combining the principles of Sliding Mode, Direct Torque Control, and Space Vector Modulation in a high-performance sensorless AC drive	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society	3		0	0	1	0	0
9292	2002	The synthesis of styrene-divinylbenzene copolymers with phosphoric groups by linkages of N- β -amionethyl-aminoethyl type	255289	Materiale Plastice	39	1	0	0	0	0	0
9293	2002	An Approximate Solution for One-dimensional Weakly Nonlinear Oscillations	15651339	International Journal of Nonlinear Sciences and Numerical Simulation	3	2	0	1	0	5	2
9294	2002	Optimization of looped water supply networks	3246051	Periodica Polytechnica Mechanical Engineering	46	1	3	2	0	1	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9295	2002	A new static separator for metallic particles from metal-plastic mixtures, using eddy currents	8926875	Minerals Engineering	15	01-Feb	2	1	4	1	2
9296	2002	Synthesis of barium silicates by glow discharge electron gun	2728842	Ceramics International	28	4	0	1	0	0	0
9297	2002	Preparation methods of quaternary polymer-supported phosphonium salts used as phase-transfer catalysts	255289	Materiale Plastice	39	2	0	0	0	0	0
9298	2002	Synthesis, characterization, and thermal studies of new tetranuclear oxovanadium(IV)-copper(II) complexes containing oxalate and sulfide as bridging ligands	945714	Synthesis and Reactivity in Inorganic and Metal Organic Chemistry	32	5	0	0	0	0	0
9299	2002	Sebestyén's moment problem and regular dilations	2365294	Acta Mathematica Hungarica	94	3	0	0	0	0	0
9300	2001	Null response of uniformly rotating Unruh detectors in bounded regions	2649381	Classical and Quantum Gravity	18	24	1	5	0	0	0
9301	2001	Teaching the doppler shift using a machine gun analogy	0031921X	Physics Teacher	39	8	0	0	1	0	0
9302	2001	On a problem of G. Isac and Th. M. Rassias concerning the stability of mappings	0022247X	Journal of Mathematical Analysis and Applications	261	2	2	0	3	2	5
9303	2001	Quantum radiation from a partially reflecting moving mirror	2649381	Classical and Quantum Gravity	18	4	1	3	2	2	2
9304	2001	Permanent magnet in-wheel synchronous motor for electric vehicle		Icems 2001 Proceedings of the 5th International Conference on Electrical Machines and Systems	2		0	0	0	0	0
9305	2001	Embryonics: Artificial cells driven by artificial DNA	3029743	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	2210		0	0	0	0	0
9306	2001	Influence of the urban transport upon the air quality as experienced in the Romanian city of Timisoara	1462608X	Advances in Transport	8		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în SCOPUS												
Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii					
							2020	2021	2022	2023	2024	
9307	2001	Studiul reac�iei de ob�inere a bis(mononitrofenil)carbona�ilor pornind de la trifosgen �i nitrofenoli	347752	Revista De Chimie	52	07-Aug	0	0	0	0	0	
9308	2001	Synthesis of new optically active amino- and alkoxy-tertiary monophosphines	353930	Revue Roumaine De Chimie	46	10	0	0	0	0	0	
9309	2001	Studies and magnetic properties of Ni-Zn ferrite synthesized from the glyoxilates complex combination	14544164	Journal of Optoelectronics and Advanced Materials	3	4	1	0	2	1	0	
9310	2001	Heating computation with coefficients of proportionality of a bus-bar end contact	15325008	Electric Power Components and Systems	29	5	1	0	0	0	0	
9311	2001	Heating of the bus-bar prolongation muff	15325008	Electric Power Components and Systems	29	5	1	0	0	0	0	
9312	2001	Numerical simulation and prevention of water freezing in outdoor penstocks	221686	Journal of Hydraulic Research De Recherches Hydrauliques	39	4	0	1	0	1	0	
9313	2001	Barut-Girardello coherent states of the pseudoharmonic oscillator	3054470	Journal of Physics A Mathematical and General	34	25	3	4	5	1	1	
9314	2001	Concentration and composition dependence of rheological and magnetorheological properties of some magnetic fluids	0340255X	Progress in Colloid and Polymer Science	117		0	0	0	0	1	
9315	2001	The effects of retinoids upon epithelial differentiation of hamster trachea, induction of ornithine decarboxylase and promotion of tumors in mouse epidermis. A qsar study by MTD method	3406253	Match	44		0	0	0	0	0	
9316	2001	Nontwist area preserving maps with reversing symmetry group	2181274	International Journal of Bifurcation and Chaos in Applied Sciences and Engineering	11	2	0	1	0	4	2	
9317	2001	Admissible manoeuvres in pulling rate for filament grown from the melt in a vacuum by EFG method	220248	Journal of Crystal Growth	233	3	0	0	0	0	0	
9318	2001	Limited ride-through capabilities for direct frequency converters	8858993	IEEE Transactions on Power Electronics	16	6	0	0	0	0	0	
9319	2001	Relaxation process and ferromagnetic resonance investigation of ferrofluids with Mn-Zn and Mn-Fe mixed ferrite particles	3048853	Journal of Magnetism and Magnetic Materials	234	2	0	0	0	0	0	

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9320	2001	Phosphate esters with a complex structure of an alkyl-aryl type considered as base oils	2656582	Journal of Synthetic Lubrication	18	2	0	0	0	0	0
9321	2001	Considerations concerning the harmonic limit of the Morse oscillator	318949	Physica Scripta	63	4	0	1	2	1	4
9322	2001	Charactenzation of three phase flux reversal machine as an automotive generator	8858969	IEEE Transactions on Energy Conversion	16	1	6	9	6	3	7
9323	2001	Cyclic tests of double-sided beam-to-column joints	7339445	Journal of Structural Engineering New York N Y	127	2	1	1	3	1	2
9324	2001	A sensorless hybrid DTC drive for high-volume applications using the TMS320F243 DSP controller	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society	1		0	0	0	0	0
9325	2001	A new modulation method for matrix converters	1972618	Conference Record IAS Annual Meeting IEEE Industry Applications Society	4		0	0	0	0	0
9326	2001	Thermal and structural investigation of the reaction between 1,2-propanediol and Ni(NO ₃) ₂ ·6H ₂ O	13886150	Journal of Thermal Analysis and Calorimetry	63	1	0	0	0	0	0
9327	2001	New synthetic ester type base oils with biodegradability potential	2656582	Journal of Synthetic Lubrication	17	4	0	1	0	0	0
9328	2001	Detecting design flaws via metrics in object-oriented systems		Technology of Object Oriented Languages and Systems		TOOL	5	2	2	3	0
9329	2001	Modeling the solute segregation in vertical Bridgman growth by using free-surface technique	2321300	Crystal Research and Technology	36	7	0	0	0	0	0
9330	2001	Analysis of the factors affecting the interface deflection in the vertical Bridgman configuration	2321300	Crystal Research and Technology	36	7	0	0	0	0	1
9331	2001	Modelling of the transport processes in Bridgman grown gallium antimonide	2321300	Crystal Research and Technology	36	7	0	0	0	0	0
9332	2001	Mixed classical scheduling algorithms and tree growing technique in block-test scheduling under power constraints	10746005	Proceedings of the International Workshop on Rapid System Prototyping			0	0	0	0	0

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Nr. crt.	Publication Year	Document Title	ISSN	Journal Title	Volume	Issue	Anul citarii				
							2020	2021	2022	2023	2024
9333	2001	Thermal and structural investigation of the reaction between 1,2-propanediol and Co(NO ₃) ₂ ·6H ₂ O	14182874	Journal of Thermal Analysis and Calorimetry	65	3	0	0	0	0	0
9334	2001	Obținerea sâșrurilor cuaternare de fosfoniu polimerice prin reacția polimerilor clorometilați cu fosfine terțiare	347752	Revista De Chimie	52	10	0	0	0	0	0
9335	2000	A modified direct torque control (DTC) of reluctance synchronous motor sensorless drive	15325008	Electric Power Components and Systems	28	2	0	0	0	0	0
9336	2000	The matrix converter: Overvoltages caused by the input filter, bidirectional power flow, and control for artificial loading of induction motors	15325008	Electric Power Components and Systems	28	2	0	0	0	0	0
9337	2000	Stability analysis and development of a class of fuzzy control systems	9521976	Engineering Applications of Artificial Intelligence	13	3	1	5	12	5	1
9338	2000	MDWOZ: A Wizard of OZ environment for dialog systems development		2nd International Conference on Language Resources and Evaluation Lrec 2000			1	0	0	1	1
9339	2000	Framed structures. Ductility and seismic response: General Report	0143974X	Journal of Constructional Steel Research	55	01-Mar	1	3	3	2	1
9340	2000	Signal processing methods for bridge monitoring systems	10466770	Proceedings of the International Modal Analysis Conference IMAC	2		0	0	0	0	0

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Citări lucrări publicate de autori cu afiliere UPT in IEEE

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
1	Time Frame Reduction for Maximum Power Point Operation of Wind Turbines	C. P. Chioncel; E. Spunei; A. - C. NiÅu; N. Gillich; G. O. Tirian	2020 International Symposium on Fundamentals of Electrical Engineering (ISFEE)	20-Apr-22	2020	10.1109/ISFEE51261.2020.9756171		IEEE Conferences
2	Improved 2D FEA Model for Homopolar Linear Synchronous Machine	X. Xiao; W. Xu; D. Luo; I. Boldea	2020 IEEE 9th International Power Electronics and Motion Control Conference (IPEMC2020-ECCE Asia)	09-Mar-21	2020	10.1109/IPEMC-ECCEAsia48364.2020.9368174	4	IEEE Conferences
3	Edge map response of dilated and reconstructed classical filters	C. Orhei; V. Bogdan; C. BonchiÅ	2020 22nd International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	24-Feb-21	2020	10.1109/SYNASC51798.2020.00039	9	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
4	Measuring Luminance with Digital Photometric Camera in Short Tunnels	D. Brebenariu; C. D. Galatanu	2020 International Conference and Exposition on Electrical And Power Engineering (EPE)	18-Feb-21	2020	10.1109/EPE50722.2020.9305545		IEEE Conferences
5	Lighting Optimization in a Short and Straight Tunnel, by Designing with Specialized Software	D. Brebenariu; C. D. Galatanu	2020 International Conference and Exposition on Electrical And Power Engineering (EPE)	18-Feb-21	2020	10.1109/EPE50722.2020.9305557		IEEE Conferences
6	Multi Wide-Band Frequency Selective Surface for Automotive Applications	A. -M. Silaghi; A. De Sabata; L. Matekovits	2020 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting	17-Feb-21	2020	10.1109/IEEECONF35879.2020.9330375		IEEE Conferences
7	Electromagnetic Bottom-Up Optimization for Automated Antenna Designs	F. Mir; L. Kouhalvandi; L. Matekovits; E. O. Gunes	2020 IEEE Asia-Pacific Microwave Conference (APMC)	01-Feb-21	2020	10.1109/APMC47863.2020.9331411	7	IEEE Conferences
8	Minimax Strategy for Lane Choice Prediction in Markovian Traffic Modeling	M. -D. Pop; O. ProÂŸtean; G. ProÂŸtean	2020 5th International Conference on Logistics Operations Management (GOL)	13-Jan-21	2020	10.1109/GOL49479.2020.9314764		IEEE Conferences

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Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
9	Generalized Very High Throughput Unrolled LDPC Layered Decoder	A. Amaricai; D. Stein; O. Boncalo	2020 28th Telecommunications Forum (TELFOR)	11-Jan-21	2020	10.1109/TELFOR51502.2020.9306537	1	IEEE Conferences
10	Studying the Evolution of Static Methods and their Effect on Class Testability	C. Marsavina	2020 IEEE 20th International Symposium on Computational Intelligence and Informatics (CINTI)	08-Jan-21	2020	10.1109/CINTI51262.2020.9305841	1	IEEE Conferences
11	Spectral Component Analysis of Magnetically Unshielded Magnetocardiograms	B. Arvinti; R. Stolz; M. Costache	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301051	1	IEEE Conferences
12	P-Swish: Activation Function with Learnable Parameters Based on Swish Activation Function in Deep Learning	M. A. Mercioni; S. Holban	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301059	33	IEEE Conferences
13	A New Buck Converter with Hybrid Switching	E. -A. Lovasz; D. Lascu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301107	1	IEEE Conferences
14	A New Multiphase ZVT-PWM Synchronous Buck Converter	W. Shen; F. Renken; D. Lascu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301073	4	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
15	Comparison of Two Compressive Sensing Algorithms for Automotive Radar	C. Naornita; A. Isar; T. Dehelean; I. Naornita	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301105	1	IEEE Conferences
16	Parameter Monitoring and Logging of a Thermo-Electric Hybrid Solar System	R. Szabo	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301095		IEEE Conferences
17	Multiple Radar Targets Tracking and Trajectories Fitting	G. Magu; R. Lucaciu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301077	2	IEEE Conferences
18	Network Self-Similar Traffic Generator with Variable Hurst Parameter	A. SAVU-JIVANOV; A. ISAR; C. STOLOJESCU-CRISAN; J. GAL	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301120	2	IEEE Conferences
19	Communication and Verification for Radar Sensors in the Context of Driver Assistance Systems	L. L. Staicu; R. V. Puiu; R. Bogdan; M. Crișman-Vida; M. Marcu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301112	1	IEEE Conferences
20	TeLU: A New Activation Function for Deep Learning	M. Adriana Mercioni; S. Holban	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301084	5	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
21	Cross-Correlation Based Automatic Segmentation of Medial Phonemes	E. -E. Mahmut; S. Nicola; V. Stoicu-Tivadar	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301048		IEEE Conferences
22	Soft Switched Multiphase Converter with Parallel Resonant DC-Link Circuit	W. Shen; F. Renken; D. Lascu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301086		IEEE Conferences
23	Accurate Measurement of the rms of a Sine-wave by Means of Low-Cost rms-to-dc Converters	D. Belega; G. Găfăruț	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301071	1	IEEE Conferences
24	Single Tier Heterogeneous Traffic Generator based on Traffic Statistics	A. Bobaru; G. Budura; C. Balint	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301146		IEEE Conferences
25	EMC Simulation of an Automotive Ethernet Interface	A. -M. Silaghi; A. D. Sabata	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301147	10	IEEE Conferences
26	First Fresnel Ellipse Evaluation	C. Simu; A. Vesa	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301068	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
27	EMC Characteristics of Helical Antennas used in Automotive Testing	A. -O. Neiconi; O. -T. Pacurar; A. De Sabata	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301089		IEEE Conferences
28	A Generalized Model for Single-Switch Stacked Step-Down Converters	S. Lica; I. Lie; A. N. Wegner; I. M. Pop-Căflimanu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301085	2	IEEE Conferences
29	The Design of a Crowd Density Checker App in Android with People Localization Using the GPS from the Mobile Device	R. Szabo	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301042		IEEE Conferences
30	End-to-End Computer Vision Framework	C. Orhei; M. Mocofan; S. Vert; R. Vasiiu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301078	13	IEEE Conferences
31	A New Step-Up Watkins-Johnson Type Converter	C. Ionici	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301074		IEEE Conferences
32	Student cluster analysis based on Moodle data and academic performance indicators	M. Bucos; B. Drăgulescu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301061	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
33	Dynamic Spectrum Sharing for LTE-NR Downlink MIMO Systems	G. Barb; M. Otesteanu; M. Roman	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301037	8	IEEE Conferences
34	Analyzing parking lots vacancy detection algorithms using Mask R-CNN implementations	R. Vălcău; M. Onișă; A. Ternauciuc	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301141	7	IEEE Conferences
35	Virtual Instrumentation based Prototype for Evaluation of the Cardiac Systolic Function	L. Măgăliu-Iovan; V. Ordodi; R. Ionel; D. Bonciog	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301047	1	IEEE Conferences
36	On Using ReSpeaker Mic Array 2.0 for speech processing algorithms	S. Mischie; G. Găvruta	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301144	4	IEEE Conferences
37	Spectrum Occupancy Measurements in the Wi-Fi Band with a PCB Antenna	O. -T. Pacurar; C. Balint; C. Iftode; A. -M. Silaghi; A. D. Sabata	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301063	2	IEEE Conferences
38	Automation of water meter testing using stepper motors	B. Fabian-Manuel; J. M. Adrian; L. Ioan	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301109		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
39	A New Step-Up Converter With Coupled Inductor	G. -M. Jude; I. -M. Pop-Calimanu; F. Renken	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301041	5	IEEE Conferences
40	About the possibility to use the model based testing for system test automation	H. C. Georgiana; L. Septimiu; L. Ioan	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301106		IEEE Conferences
41	Fourth-Order Buck-Boost Converters Exhibiting Minimum Phase by Reverse Inductor Coupling	B. Lazar; D. Lascu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301054		IEEE Conferences
42	Modified Langendorff experimental device for rat heart decellularization with a vibrating fluid column	D. Dumitru Bonciog; M. Ruxandra Lascu; L. Măgăliu - Iovan; R. Ionel; C. Alexandru Burian; V. Laurențiu Ordodi	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301149	3	IEEE Conferences
43	ARM Embedded Low Cost Solution for Implementing Deep Learning Paradigms	I. Lucan Orășteanu; C. Daniel Căleanu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301130	1	IEEE Conferences
44	Smart Mirror for Skin Type Identification	A. Dragomir; G. Simion; I. Ermalai	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301064		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
45	Deep CNN for Contrast-Enhanced Ultrasound Focal Liver Lesions Diagnosis	C. L. Sărbu; G. Simion; C. D. Căleanu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301116	7	IEEE Conferences
46	Simulation of Automotive MIMO Radar	T. Bogdan; I. Dorina	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301103	1	IEEE Conferences
47	Experimental and Analytical Study of the Electric Potential using Lagrange Polynomials	B. Arvinti; D. Toader; D. Vesa; M. Costache	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301032	2	IEEE Conferences
48	A New Quadratic Step-Down Converter	I. -M. Pop-Calimanu; C. Alexandru-Adrian; M. Pop-Calimanu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301118	1	IEEE Conferences
49	Deep Learning based Eye Gaze Tracking for Automotive Applications: An Auto-Keras Approach	A. Bublea; C. D. Căleanu	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301091	12	IEEE Conferences
50	LTE Band Filtering Applications of a Fractal Based Frequency Selective Surface	A. -P. Buta; A. -M. Silaghi; A. De Sabata; L. Matekovits	2020 International Symposium on Electronics and Telecommunications (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301038	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
51	Auto-Generative Learning Objects for Learning Linked Lists Concepts	F. -M. Costea; C. -B. Chirila; V. -I. CreĂu	2020 International Symposium on Electronics and Telecommunicati ons (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301136	1	IEEE Conferences
52	IoT Based Intelligent Building Applications in the Context of COVID-19 Pandemic	C. STOLOJESCU-CRISAN; B. -P. BUTUNOI; C. CRISAN	2020 International Symposium on Electronics and Telecommunicati ons (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301124	10	IEEE Conferences
53	A Novel Single Switch Step-Up Converter with High Conversion Ratio	D. -A. Botila; D. Lascu	2020 International Symposium on Electronics and Telecommunicati ons (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301126		IEEE Conferences
54	Wavelet Based Adaptive Detection of Automotive Radar Single Target with Low SNR	A. Isar; C. Naornita; A. Macaveiu; G. Magu	2020 International Symposium on Electronics and Telecommunicati ons (ISETC)	01-Jan-21	2020	10.1109/ISETC50328.2020.9301069	2	IEEE Conferences
55	Researches about Controlling Switching SF6 Circuit Breaker Transition Regime	D. Ciulica; M. Panoiu; C. Panoiu; S. Mezinescu	2020 8th International Conference on Control, Mechatronics and Automation (ICCM)	29-Dec-20	2020	10.1109/ICCM51325.2020.9301534		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
56	High Performance Interconnecting Technique using Power Line Communication	E. Valentina Dumitrascu; P. Mugur Svasta; M. Vasile Moise; A. Kotlar	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	28-Dec-20	2020	10.1109/SIITME50350.2020.9292291		IEEE Conferences
57	Resource Utilization Comparison between Plain FPGA and SoC Combined with FPGA for Image Processing Applications Used by Robotic Arms	R. Szabo; A. Gontean	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	28-Dec-20	2020	10.1109/SIITME50350.2020.9292216	1	IEEE Conferences
58	Two-Stage Converter for Piezoelectric Energy Harvesting using Buck Configuration	C. Covaci; A. Gontean	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	28-Dec-20	2020	10.1109/SIITME50350.2020.9292138	3	IEEE Conferences
59	Small-Signal Modelling of the Three Switch 1L2C Boost Converter	S. Lica; A. MolcuÅ£; I. Lie; D. Lascu	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	28-Dec-20	2020	10.1109/SIITME50350.2020.9292149		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
60	A Generalized Model for Stacked Boost Single-Switch Converters	S. Lica; V. VĂŢĂŢU; D. Lascu; M. Tomoroga	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	28-Dec-20	2020	10.1109/SIITME50350.2020.9292210	3	IEEE Conferences
61	EMC Simulation of Conducted Emissions Produced by a DC- DC converter	A. -M. Silaghi; F. Berinde; C. Bleoju; A. De Sabata	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	28-Dec-20	2020	10.1109/SIITME50350.2020.9292237	3	IEEE Conferences
62	Optimization of wind turbine operation in variable wind speed conditions	C. P. Chioncel; O. G. Tirian; M. Dordescu; E. Spunei	2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	17-Dec-20	2020	10.1109/EEAE49144.2020.9279103	6	IEEE Conferences
63	Second Order Active Disturbance Rejection Control “ Virtual Reference Feedback Tuning for Twin Rotor Aerodynamic Systems	R. -C. Roman; R. -E. Precup; E. M. Petriu; C. -A. Bojan-Dragos; V. -B. Vanya; M. -D. Rarinca	2020 IEEE International Conference on Systems, Man, and Cybernetics (SMC)	14-Dec-20	2020	10.1109/SMC42975.2020.9283298	2	IEEE Conferences
64	Artificial Neural Networks for Diagnosis of Coronary Heart Disease	N. MISCHIE; A. ALBU	2020 International Conference on e-Health and Bioengineering (EHB)	10-Dec-20	2020	10.1109/EHB50910.2020.9280271	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
65	Benefits of Using Mobile Applications to Keep Under Control, Detect, Attenuate and Monitor COVID-19 Pandemic	C. Vladoescu; M. Tunea; L. Stanciu	2020 International Conference on e-Health and Bioengineering (EHB)	10-Dec-20	2020	10.1109/EHB50910.2020.9280229	3	IEEE Conferences
66	Predicting Human Acceptor Splice Site Regions using Text Distance Methods	C. G. Zimbru; N. Andreescu; A. Chirita-Emandi; M. Puiu	2020 International Conference on e-Health and Bioengineering (EHB)	10-Dec-20	2020	10.1109/EHB50910.2020.9279885		IEEE Conferences
67	Iterative Feedback Tuning of Two-Degree-of-Freedom Controllers for Lighting Process Control	R. -E. Precup; A. -B. Borlea; E. M. Petriu; F. Dragan	2020 IEEE International Systems Conference (SysCon)	07-Dec-20	2020	10.1109/SysCon47679.2020.9275897		IEEE Conferences
68	Investigation of Rotor Current Spectrum Signature in the Healthy and Faulty Cage of a Dedicated Induction Motor in Load Conditions	G. Madescu; M. Biriescu; M. Mot; L. N. Tutelea	2020 International Conference on Electrical Machines (ICEM)	01-Dec-20	2020	10.1109/ICEM49940.2020.9270730		IEEE Conferences
69	10MW, 10rpm, 15Hz directly-driven reluctance synchronous generator system: preliminary design with key FEM validations	I. Boldea; L. N. Tutelea; I. Torac	2020 International Conference on Electrical Machines (ICEM)	01-Dec-20	2020	10.1109/ICEM49940.2020.9270672	4	IEEE Conferences
70	Twin Induction Machines Artificial Loading Without Mechanical Coupling	A. D. Martin; L. N. Tutelea; I. Boldea	2020 International Conference on Electrical Machines (ICEM)	01-Dec-20	2020	10.1109/ICEM49940.2020.9270782	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
71	Optimal Huygens TM Metasurface for Wireless Power Transfer Efficiency Improvement	H. Younesiraad; M. Bemani; L. Matekovits	IEEE Access	08-Dec-20	2020	10.1109/ACCESS.2020.3041337	4	IEEE Journals
72	Improving the Accuracy of Deep Neural Networks Through Developing New Activation Functions	M. A. Mercioni; A. M. Tat; S. Holban	2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP)	26-Nov-20	2020	10.1109/ICCP51029.2020.9266162	8	IEEE Conferences
73	Robust Control of Unknown Observable Nonlinear Systems Solved as a Zero-Sum Game	M. -B. Radac; T. Lala	IEEE Access	07-Dec-20	2020	10.1109/ACCESS.2020.3040185	37	IEEE Journals
74	First-Order Active Disturbance Rejection-Virtual Reference Feedback Tuning Control of Tower Crane Systems	R. -C. Roman; R. -E. Precup; E. M. Petriu; R. -C. David; E. -L. Hedrea; A. -I. Szedlak-Stinean	2020 24th International Conference on System Theory, Control and Computing (ICSTCC)	23-Nov-20	2020	10.1109/ICSTCC50638.2020.9259632	5	IEEE Conferences
75	Monitoring computer systems for crypto mining threat detection	I. S. Dinulic; D. Cosma	2020 24th International Conference on System Theory, Control and Computing (ICSTCC)	23-Nov-20	2020	10.1109/ICSTCC50638.2020.9259757		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
76	Music panel: An application for creating and editing music using OpenCV and JFugue	O. Săfman; R. Muscaliuc; L. Stanciu	2020 24th International Conference on System Theory, Control and Computing (ICSTCC)	23-Nov-20	2020	10.1109/ICSTCC50638.2020.9259705	1	IEEE Conferences
77	Fuzzy Control Systems with Reduced Parametric Sensitivity Design Based on Hybrid Grey Wolf Optimizer and Particle Swarm Optimization	R. -C. David; R. -E. Precup; S. Preitl; A. -I. Szedlak-Stinean; R. -C. Roman; E. M. Petriu	2020 24th International Conference on System Theory, Control and Computing (ICSTCC)	23-Nov-20	2020	10.1109/ICSTCC50638.2020.9259725	1	IEEE Conferences
78	Towards a Hybrid Layout for Complex Networks Visualization	L. Broască; V. -M. Ancu; H. Ciocârlie	2020 24th International Conference on System Theory, Control and Computing (ICSTCC)	23-Nov-20	2020	10.1109/ICSTCC50638.2020.9259656		IEEE Conferences
79	Identifying software problems in Java applications using ViMC	O. Gugea; D. Cosma	2020 24th International Conference on System Theory, Control and Computing (ICSTCC)	23-Nov-20	2020	10.1109/ICSTCC50638.2020.9259703		IEEE Conferences
80	Digital Beamforming Techniques for Future Communications Systems	G. Barb; M. Otesteanu; F. Alexa; A. Ghiulai	2020 12th International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP)	10-Nov-20	2020	10.1109/CSNDSP49049.2020.9249607	17	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
81	Analysis of Shielding Effectiveness of an Automotive Display through Simulation and Testing	A. -M. Silaghi; F. Mueller; A. De Sabata; A. -P. Buta; P. -M. Nicolae	2020 International Symposium on Electromagnetic Compatibility - EMC EUROPE	06-Nov-20	2020	10.1109/EMC EUROPE48519.2020.9245677	5	IEEE Conferences
82	Water Flow Measurement in the Pipes of a Thermo-Electric Hybrid Solar System	A. Burta; R. Szabo	2020 5th International Conference on Smart and Sustainable Technologies (SpliTech)	04-Nov-20	2020	10.23919/SpliTech49282.2020.9243689		IEEE Conferences
83	Solar Irradiance Measurement for a Thermo-Electric Hybrid Solar System	A. Burta; R. Szabo	2020 5th International Conference on Smart and Sustainable Technologies (SpliTech)	04-Nov-20	2020	10.23919/SpliTech49282.2020.9243761	1	IEEE Conferences
84	Variable Stator Frequency Diode Rectifier DFIG for Lower Cost MVDC Interface	C. Wu; I. Boldea; D. Zhou; L. Tutelea; F. Blaabjerg	2020 IEEE Energy Conversion Congress and Exposition (ECCE)	30-Oct-20	2020	10.1109/ECCE44975.2020.9235807	2	IEEE Conferences
85	OFDM Multi-Numerology for Future 5G New Radio Communication Systems	G. Barb; M. Otesteanu; F. Alexa; F. Danuti	2020 International Conference on Software, Telecommunications and Computer Networks (SoftCOM)	28-Oct-20	2020	10.23919/SoftCOM50211.2020.9238308	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
86	Teachers' skills required to design and deliver MOOCs in Engineering Education	C. V. de Carvalho; S. Intveen; O. Zubikova; T. Bruegemann; C. H. Aydin; E. Toprak; E. Genc-Kumtepe; V. Mihaescu	2020 IEEE Learning With MOOCS (LWMOOCS)	26-Oct-20	2020	10.1109/LWMOCS50143.2020.9234377		IEEE Conferences
87	Beam-Scanning Antenna Based on Near-Electric Field Phase Transformation and Refraction of Electromagnetic Wave Through Dielectric Structures	M. U. Afzal; L. Matekovits; K. P. Esselle; A. Lalbakhsh	IEEE Access	09-Nov-20	2020	10.1109/ACCESS.2020.3033284	56	IEEE Journals
88	System-Level Flip-Chip Ball Grid Array Solder Joint Reliability Assessment Under Different Methodologies and Correlation with Accelerated Thermal Cycling Experimental Data	I. -E. Țîșinca; P. Rai; D. Faller	2020 IEEE 8th Electronics System-Integration Technology Conference (ESTC)	23-Oct-20	2020	10.1109/ESTC48849.2020.9229748		IEEE Conferences
89	AC home appliances retrofitting for DC microgrids	A. M. Iuoras; N. C. Szekely; L. D. Vitan; M. Bojan; P. D. Teodosescu	2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)	16-Oct-20	2020	10.1109/ECAI50035.2020.9223183	2	IEEE Conferences
90	Wilt Dataset-based Comparative Analysis of Three Neural Networks	I. Panfilii; R. -E. Precup; R. -C. Roman; E. M. Petriu	2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)	16-Oct-20	2020	10.1109/ECAI50035.2020.9223201		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
91	Kinematic quantification of knee joint asymmetry during preparatory phase of a standing backward tucked salto	D. S. Cerasela; D. Andrei; M. S. Nicoleta; D. M. Petru; B. I. Silviu; N. Adrian; A. Veronica	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	08-Oct-20	2020	10.1109/SISY50555.2020.9217081		IEEE Conferences
92	Vibration Effect on Some Tissues Biomechanical Models	P. F. Druta; A. Neamtu; I. Crastiu; C. Pop-Gozman; D. Simoiu; L. Bereteu	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	08-Oct-20	2020	10.1109/SISY50555.2020.9217075	1	IEEE Conferences
93	Determination of Bone Tissue Viscoelastic Properties by Vibroacoustic Measurements	A. Neamțu; I. C. Gozman-Pop; D. Vlădaia; D. Simoiu; S. Deac; L. Bereteu	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	08-Oct-20	2020	10.1109/SISY50555.2020.9217098		IEEE Conferences
94	Determination of the Galvanizing Layers Thickness by Vibration Measurement of Thin Plates	I. Crăciun; P. F. Druta; C. Zoituc; C. Gozman-Pop; C. Voica; L. Bereteu	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	08-Oct-20	2020	10.1109/SISY50555.2020.9217093		IEEE Conferences
95	An Improved Bidirectional Hybrid Switched Inductor Converter	D. Hulea; M. Gireada; D. Vitan; O. Cornea; N. Muntean	2020 22nd European Conference on Power Electronics and Applications (EPE'20 ECCE Europe)	07-Oct-20	2020	10.23919/EPE20ECCEurope43536.2020.9215914	4	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
96	Object Recognition Development for Android Mobile Devices with Text-to-Speech Function Created for Visually Impaired People	A. Burta; R. Szabo; A. Gontean	2020 Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	01-Oct-20	2020	10.1109/WorldS450073.2020.9210381	6	IEEE Conferences
97	Temperature Measurements with Thermocouples Used in a Thermo-electric Hybrid Solar System	A. Burta; R. Szabo; A. Gontean	2020 Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	01-Oct-20	2020	10.1109/WorldS450073.2020.9210360	1	IEEE Conferences
98	Car Environment Conditions vs. Thermal Chamber Conditions	C. Mihaela Dragan	2020 19th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm)	10-Sep-20	2020	10.1109/ITherm45881.2020.9190489	2	IEEE Conferences
99	Whale Optimization Algorithm-Based Tuning of Low-Cost Fuzzy Controllers with Reduced Parametric Sensitivity	R. -C. David; R. -E. Precup; S. Preitl; E. M. Petriu; A. -I. Szedlak-Stinean; R. -C. Roman	2020 28th Mediterranean Conference on Control and Automation (MED)	01-Sep-20	2020	10.1109/MED48518.2020.9182923	3	IEEE Conferences
100	Design of Low-Cost Fuzzy Controllers with Reduced Parametric Sensitivity Based on Whale Optimization Algorithm	R. -C. David; R. -E. Precup; S. Preitl; A. -I. Szedlak-Stinean; R. -C. Roman; E. M. Petriu	2020 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)	26-Aug-20	2020	10.1109/FUZZ48607.2020.9177536	6	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
101	Temperature Acquisition and Logging in an Online SQL Database Used in a Photovoltaic System	R. -S. Ricman; R. Szabo; A. Burta	2020 43rd International Conference on Telecommunications and Signal Processing (TSP)	11-Aug-20	2020	10.1109/TSP49548.2020.9163504		IEEE Conferences
102	4G/5G: A Comparative Study and Overview on What to Expect from 5G	G. Barb; M. Otesteanu	2020 43rd International Conference on Telecommunications and Signal Processing (TSP)	11-Aug-20	2020	10.1109/TSP49548.2020.9163402	30	IEEE Conferences
103	Vacuum Pressure Online Logging Software Creation for a Solar Collector	R. -S. Ricman; R. Szabo; A. Burta	2020 43rd International Conference on Telecommunications and Signal Processing (TSP)	11-Aug-20	2020	10.1109/TSP49548.2020.9163472		IEEE Conferences
104	Analysis of Radiated Immunity of an Automotive Display by Means of Testing and Simulation	A. -M. Silaghi; A. D. Sabata	2020 43rd International Conference on Telecommunications and Signal Processing (TSP)	11-Aug-20	2020	10.1109/TSP49548.2020.9163478	6	IEEE Conferences
105	Polynomial Based Kalman Filter Result Fitting to Data	G. Magu; R. Lucaciu; A. Isar	2020 43rd International Conference on Telecommunications and Signal Processing (TSP)	11-Aug-20	2020	10.1109/TSP49548.2020.9163567	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
106	Online Built-In Self-Test Architecture for Automated Testing of a Solar Tracking Equipment	S. L. Jurj; R. Rotar; F. Opritoiu; M. Vladutiu	2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)	06-Aug-20	2020	10.1109/EEEIC/ICPSEurope49358.2020.9160850	8	IEEE Conferences
107	Affordable Flying Probe-Inspired In-Circuit-Tester for Printed Circuit Boards Evaluation with Application in Test Engineering Education	S. L. Jurj; R. Rotar; F. Opritoiu; M. Vladutiu	2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)	06-Aug-20	2020	10.1109/EEEIC/ICPSEurope49358.2020.9160639	5	IEEE Conferences
108	Low Cost Implementation of a Wind Turbine Emulator	L. -D. Dănuț; D. Hulea; O. Cornea; N. Muntean; M. A. Iuoras; N. Hinov	2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)	06-Aug-20	2020	10.1109/EEEIC/ICPSEurope49358.2020.9160604	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
109	Students as OERs (Open Educational Resources) co-creators	D. Andone; V. Mihaescu; S. Vert; A. Ternauciuc; R. VasIU	2020 IEEE 20th International Conference on Advanced Learning Technologies (ICALT)	04-Aug-20	2020	10.1109/ICALT49669.2020.00017	4	IEEE Conferences
110	DigiCulture-an open education environment for digital skills	D. Andone; A. Ternauciuc; R. VasIU; V. Mihaescu; S. Vert	2020 IEEE 20th International Conference on Advanced Learning Technologies (ICALT)	04-Aug-20	2020	10.1109/ICALT49669.2020.00014	4	IEEE Conferences
111	NH-HAZE: An Image Dehazing Benchmark with Non-Homogeneous Hazy and Haze-Free Images	C. O. Ancuti; C. Ancuti; R. Timofte	2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)	28-Jul-20	2020	10.1109/CVPRW50498.2020.00230	304	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
112	NTIRE 2020 Challenge on NonHomogeneous Dehazing	C. O. Ancuti; C. Ancuti; F. -A. Vasluianu; R. Timofte; J. Liu; H. Wu; Y. Xie; Y. Qu; L. Ma; Z. Huang; Q. Deng; J. -C. Chao; T. -S. Yang; P. -W. Chen; P. -M. Hsu; T. -Y. Liao; C. -E. Sun; P. -Y. Wu; J. Do; J. Park; M. Kim; K. Metwaly; X. Li; T. Guo; V. Monga; M. Yu; V. Cherukuri; S. -Y. Chuang; T. -N. Lin; D. Lee; J. Chang; Z. -H. Wang; Y. -B. Chang; C. -H. Lin; Y. Dong; H. Zhou; X. Kong; S. Dipta Das; S. Dutta; X. Zhao; B. Ouyang; D. Estrada; M. Wang; T. Su; S. Chen; B. Sun; V. Whannou de Dravo; Z. Yu; P. Narang; A. Mehra; N. Raghunath; M. Mandal	2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)	28-Jul-20	2020	10.1109/CVPRW50498.2020.00253	67	IEEE Conferences
113	Step-Down Switched-Inductor Hybrid DC-DC Converter for Small Power Wind Energy Conversion Systems With Hybrid Storage	O. Cornea; D. Hulea; N. Muntean; G. -D. Andreescu	IEEE Access	03-Aug-20	2020	10.1109/ACCESS.2020.3012029	21	IEEE Journals
114	Wind turbine power and optimum energy, at variable wind speeds	C. P. Chioncel; M. Dordescu; M. A. Lazar; O. G. Tirian	2020 IEEE 24th International Conference on Intelligent Engineering Systems (INES)	27-Jul-20	2020	10.1109/INES49302.2020.9147197	4	IEEE Conferences
115	Study of Attacks on Satellite Navigation System Receivers	T. Mitrea; V. Vasile; M. Borda; C. Naornita; A. Romaniuc	2020 13th International Conference on Communications (COMM)	16-Jul-20	2020	10.1109/COMM48946.2020.9141998		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
116	Multiple-Notch Frequency Selective Surface for Automotive Applications	A. -P. Buta; A. -M. Silaghi; A. De Sabata; L. Matekovits	2020 13th International Conference on Communications (COMM)	16-Jul-20	2020	10.1109/COM M48946.2020.9142001	3	IEEE Conferences
117	Measurement and Simulation of Electrostatic Discharge in The Automotive Industry	O. Pacurar; A. Silaghi; A. De Sabata	2020 13th International Conference on Communications (COMM)	16-Jul-20	2020	10.1109/COM M48946.2020.9142012	1	IEEE Conferences
118	Heading Computation Using Magnetometer, Inertial Sensors and Bluetooth Communication	S. MISCHIE; L. MATIU-IOVAN	2020 13th International Conference on Communications (COMM)	16-Jul-20	2020	10.1109/COM M48946.2020.9142015		IEEE Conferences
119	Decision Making in Road Traffic Coordination Methods: A Travel Time Reduction Perspective	M. -D. Pop	2020 International Conference Engineering Technologies and Computer Science (EnT)	15-Jul-20	2020	10.1109/EnT4 8576.2020.00014	2	IEEE Conferences
120	Effect of Frequency Uncertainty on the Sine-wave Amplitude Estimator Returned by Linear Least-Squares Fitting	D. Belega; D. Petri	2020 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)	30-Jun-20	2020	10.1109/I2MT C43012.2020.9129349	2	IEEE Conferences
121	ANTARES - ANonymous Transfer of vehicle Access Rights from External cloud Services	A. Berdich; A. Anistoroaei; B. Groza; H. Gurban; S. Murvay; D. Iercan	2020 IEEE 91st Vehicular Technology Conference (VTC2020-Spring)	30-Jun-20	2020	10.1109/VTC2 020-Spring48590.2020.9129134		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
122	PRESTvO: PRivacy Enabled Smartphone Based Access to Vehicle On-Board Units	B. Groza; T. Andreica; A. Berdich; P. -S. Murvay; E. H. Gurban	IEEE Access	06-Jul-20	2020	10.1109/ACCESS.2020.3003574	6	IEEE Journals
123	Layered LDPC decoder in-order message access scheduling: a case study	O. Boncalo; A. Amaricai	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118787		IEEE Conferences
124	Understanding the Impact of Mutable Global State on the Defect Proneness of Object-Oriented Systems	C. Marsavina	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118816	1	IEEE Conferences
125	Wind Power Plants Operation at Variable Wind Speeds	C. Carstea; F. Butaru; M. -C. Ancuti; S. Musuroi; A. Deacu; M. Babaita; A. M. Stanciu	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118826	13	IEEE Conferences
126	Dynamics of the Wind Power Plants at Small Wind Speeds	E. Dobrin; M. -C. Ancuti; S. Musuroi; C. Sorandaru; R. Ancuti; M. A. Lazar	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118845	11	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
127	Self-driving vehicles: current status of development and technical challenges to overcome	S. Coicheci; I. Filip	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118809	13	IEEE Conferences
128	Models of Two-Wheeled Mobile Robots with Experimental Validation	D. Komor; R. -C. Roman; R. -E. Precup; R. -C. David; I. Pamfilii	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118823	5	IEEE Conferences
129	Frequency Domain Design of Controllers for Lighting Process	A. -B. Borlea; R. -E. Precup; I. -D. Borlea; A. N. Dragus	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118839	1	IEEE Conferences
130	Mathematical Formalism of Sequential Automaton with Parallel Branches used in Industrial Automation	D. Ungureanu-Anghel; R. Robu; O. Prostean	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118825	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
131	Network-based clustering of book genres based on the connection between books bought together	D. Muntea; M. Giurgiu; A. Topirceanu	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118831	3	IEEE Conferences
132	Evaluation of air quality variability in Timișoara, Romania	I. Gruicin; M. -E. Ionașcu; M. Popa	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118840		IEEE Conferences
133	Extending BigTim Distributed Clustering Platform to Support Mobile Devices	I. -D. Borlea; R. -E. Precup; A. -B. Borlea; D. Iercan	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118820		IEEE Conferences
134	Consideration about the stability and performance of a minimum variance control system	I. Filip; C. Vasar; I. Szeidert; O. Prostean	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118827		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
135	Traffic micro-simulation as a validation tool for developing genetic algorithms for green wave optimization	A. Iovanovici; D. Avramoni; A. -M. Moscovici; L. Prodan	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118841	4	IEEE Conferences
136	Assisting Radiologists Through Automatic Cardiothoracic Ratio Calculation	B. Bercean; S. Iarca; A. Tenescu; C. Avramescu; S. Fuicu	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118847	6	IEEE Conferences
137	Warning Solution for Medication Administration	M. -L. NEDELCEA; A. ALBU	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	16-Jun-20	2020	10.1109/SACI49304.2020.9118842	1	IEEE Conferences
138	Efficient Physical Layer Key Agreement for FlexRay Networks	P. -S. Murvay; B. Groza	IEEE Transactions on Vehicular Technology	13-Oct-20	2020	10.1109/TVT.2020.3002616	16	IEEE Journals
139	Optimal Operation of Microgrid Employing Predictive Control	F. Butaru; C. Carstea; C. Lascu; M. -C. Ancuti	2020 International Conference on Development and Application Systems (DAS)	05-Jun-20	2020	10.1109/DAS49615.2020.9108917		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
140	The Most Used Activation Functions: Classic Versus Current	M. A. Mercioni; S. Holban	2020 International Conference on Development and Application Systems (DAS)	05-Jun-20	2020	10.1109/DAS49615.2020.9108942	52	IEEE Conferences
141	Experiments Concerning the Spectrum Structure Inside an Automotive EMC Laboratory	O. -T. Pacurar; A. -M. Silaghi; C. Balint; A. D. Sabata; A. Graur	2020 International Conference on Development and Application Systems (DAS)	05-Jun-20	2020	10.1109/DAS49615.2020.9108909	2	IEEE Conferences
142	Simulation of Surge Pulse Generator and Applications in Automotive Immunity Testing	A. -M. Silaghi; A. De Sabata; A. Graur; R. Fechet	2020 International Conference on Development and Application Systems (DAS)	05-Jun-20	2020	10.1109/DAS49615.2020.9108951	2	IEEE Conferences
143	CAD Design of Overvoltage Protection Systems Applied to Embedded Systems in Automotive	F. Pfeifer; M. Frigura-Iliasa; H. E. Filipescu; L. Dolga; V. Dolga; A. Pocola	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	05-Jun-20	2020	10.1109/SAMI48414.2020.9108747		IEEE Conferences
144	LoRaWAN Based Real-Time Air Quality Monitoring System	B. Filip; A. Simo; D. Vatau; F. M. Frigura-Iliasa; S. Musuroi; P. Andea	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	05-Jun-20	2020	10.1109/SAMI48414.2020.9108740	5	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
145	Reconstruction of Industrial Parts by using 3D Scanning Techniques	N. Todea; F. M. Frigura-Iliasa; H. E. Filipescu; L. Dolga; V. Dolga; F. Crisovan	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	05-Jun-20	2020	10.1109/SAMI48414.2020.9108720		IEEE Conferences
146	Case Study about Smart Integrated Utilities for Smart Cities	M. Bran; M. Frigura-Iliasa; H. E. Filipescu; L. Dolga; V. Vatau; M. Iorga	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	05-Jun-20	2020	10.1109/SAMI48414.2020.9108772	1	IEEE Conferences
147	Digital Imaging Processing and Reconstruction for General Applications	N. L. Iacobici; M. Frigura-Iliasa; H. E. Filipescu; M. Nen; F. M. Frigura-Iliasa; M. Iorga	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	05-Jun-20	2020	10.1109/SAMI48414.2020.9108753	2	IEEE Conferences
148	RDS Coder Emulator Applied for Didactic Purposes	E. Lazarescu; A. Simo; F. Alexa; F. M. Frigura-Iliasa; S. Musuroi; P. Andea	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	05-Jun-20	2020	10.1109/SAMI48414.2020.9108756		IEEE Conferences
149	Fuzzy Logic Based Diagnosis of SF6 Switching Devices	N. Tarfulea; A. Simo; D. Vatau; F. M. Frigura-Iliasa; S. Musuroi; P. Andea	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	05-Jun-20	2020	10.1109/SAMI48414.2020.9108723		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
150	M3AT: Monitoring Agents Assignment Model for Data-Intensive Applications	V. Kashansky; D. Kimovski; R. Prodan; P. Agrawal; F. Marozzo; G. Iuhasz; M. Marozzo; J. Garcia-Blas	2020 28th Euromicro International Conference on Parallel, Distributed and Network-Based Processing (PDP)	14-May-20	2020	10.1109/PDP50117.2020.00018	3	IEEE Conferences
151	A Comparison Between Two Antenna Pattern Approximations	T. Petrita; F. Alexa; R. Negrea	2020 International Workshop on Antenna Technology (iWAT)	04-May-20	2020	10.1109/iWAT48004.2020.1570618216		IEEE Conferences
152	Highly Efficient Authentication for CAN by Identifier Reallocation With Ordered CMACs	B. Groza; L. Popa; P. -S. Murvay	IEEE Transactions on Vehicular Technology	18-Jun-20	2020	10.1109/TVT.2020.2990954	16	IEEE Journals
153	Day and Night-Time Dehazing by Local Airlight Estimation	C. Ancuti; C. O. Ancuti; C. De Vleeschouwer; A. C. Bovik	IEEE Transactions on Image Processing	08-May-20	2020	10.1109/TIP.2020.2988203	73	IEEE Journals
154	I&M applications for educational purposes	R. Lonel; S. Mischie; D. Belega; L. Măceșău-Lovan; C. Dughir	IEEE Instrumentation & Measurement Magazine	09-Apr-20	2020	10.1109/MIM.2020.9062684	2	IEEE Magazines
155	TIDAL-CAN: Differential Timing Based Intrusion Detection and Localization for Controller Area Network	P. -S. Murvay; B. Groza	IEEE Access	22-Apr-20	2020	10.1109/ACCESS.2020.2985326	23	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
156	Evolving Fuzzy Models for Prosthetic Hand Myoelectric-Based Control	R. -E. Precup; T. -A. Teban; A. Albu; A. -B. Borlea; I. A. Zamfirache; E. M. Petriu	IEEE Transactions on Instrumentation and Measurement	10-Jun-20	2020	10.1109/TIM.2020.2983531	132	IEEE Journals
157	Outer Ferrite-PM-Rotor BLAC Motor Characterization: FEM-Assisted Optimal Design and Preliminary Experiments	A. -S. Isfanuti; L. N. Tutelea; I. Boldea; T. Staudt; P. E. da Silva	IEEE Transactions on Industry Applications	27-Apr-20	2020	10.1109/TIA.2020.2979672	3	IEEE Journals
158	PLL Position and Speed Observer With Integrated Current Observer for Sensorless PMSM Drives	C. Lascu; G. -D. Andreescu	IEEE Transactions on Industrial Electronics	12-Mar-20	2020	10.1109/TIE.2020.2972434	77	IEEE Journals
159	Secure Accelerometer-Based Pairing of Mobile Devices in Multi-Modal Transport	B. Groza; A. Berdich; C. Jichici; R. Mayrhofer	IEEE Access	14-Jan-20	2020	10.1109/ACCESS.2020.2964151	13	IEEE Journals
160	Color Channel Compensation (3C): A Fundamental Pre-Processing Step for Image Enhancement	C. O. Ancuti; C. Ancuti; C. De Vleeschouwer; M. Sbert	IEEE Transactions on Image Processing	23-Jan-20	2020	10.1109/TIP.2019.2951304	142	IEEE Journals
161	Supertwisting Sliding-Mode Direct Torque and Flux Control of Induction Machine Drives	C. Lascu; A. Argeseanu; F. Blaabjerg	IEEE Transactions on Power Electronics	27-Feb-20	2020	10.1109/TPEL.2019.2944124	64	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
162	A Method for Automatic Radar Azimuth Calibration using Stationary Targets	A. Bobaru; C. Naornita; C. Vesa	2021 IEEE 17th International Conference on Intelligent Computer Communication and Processing (ICCP)	16-Mar-22	2021	10.1109/ICCP53602.2021.9733500	2	IEEE Conferences
163	Patch Antenna Array Design through Bottom-Up and Bayesian Optimizations	L. Kouhalvandi; F. Mir; L. Matekovits	2021 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (APS/URSI)	16-Feb-22	2021	10.1109/APS/URSI47566.2021.9703781	2	IEEE Conferences
164	Application of Dielectric Resonator Antenna in Implantable Medical Devices	S. S. Singhwal; L. Matekovits; I. Peter; B. K. Kanaujia	2021 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (APS/URSI)	16-Feb-22	2021	10.1109/APS/URSI47566.2021.9704756	2	IEEE Conferences
165	Conjointly Electromagnetic Simulations for Bended Microstrip Antenna Designs	L. Kouhalvandi; L. Matekovits; S. Ozoguz	2021 13th International Conference on Electrical and Electronics Engineering (ELECO)	21-Jan-22	2021	10.23919/ELECO54474.2021.9677726	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
166	Evaluation of Finite Element Modelling Techniques of Printed Circuit Boards under Dynamic and Static Loading and Validation with Experimental Data	I. ă€¸. E. �şinca; I. ă€¸. I. Ailinei; A. -M. Silaghi; C. Bleoju; A. Davidescu; L. Mar��TMavina	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663724	1	IEEE Conferences
167	In-circuit ESR Measurement Method for Electrolytic Capacitors	M. Marinca; E. Ilies; C. Barbulescu; A. Gontean	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663652		IEEE Conferences
168	Solving Automotive Signal Integrity Issues by EMC Simulation	A. -M. Silaghi; C. Pescari; C. Bleoju; A. De Sabata	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663717	5	IEEE Conferences
169	Proposal of Energy Independent Greenhouse	E. Ilies; M. Marinca; S. Bularka; M. Vajda; D. Albulescu; C. Seiculescu	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663621	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
170	The Development of a Head-up Display (HUD) App on the Android Mobile Operating System	R. Szabo; A. Gontean; A. Burta	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663719	1	IEEE Conferences
171	Effect of Water on the Photovoltaic Performance of TiO ₂ Based Dye-Sensitized Solar Cells Using I ^{+/I³⁺} Redox Couple	M. Vajda; D. Albulescu; D. Ursu; E. Ilie; M. Marinca; A. Gontean; N. Mică; M. Mică; N. Dușeanu	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663424		IEEE Conferences
172	The Development Process of a Quick SMS Auto Responder App for Car Drivers or Busy People	R. Szabo; A. Gontean; A. Burta	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663642		IEEE Conferences
173	In-circuit Signal Measurement Method for Interleave Uniformly Spaced Sampling	C. Barbulescu; M. Marinca; E. Ilies	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663689		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
174	Two New Boost Converters Exhibiting Zero-Ripple Input Current Both in CCM and DCM Operation	C. Ionici; D. Lasca	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663623		IEEE Conferences
175	EMC Simulation of a Power Filter in the Automotive Area	A. -M. Silaghi; C. Bleoju; A. De Sabata	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663636		IEEE Conferences
176	Analysis of the Input Filter Parameters for a Power Matrix Converter	A. Popovici; R. Mutiu	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663721	1	IEEE Conferences
177	Retrofitting Video Surveillance Systems using Deep Learning Technologies	M. T. Andreescu; R. Mărcău; C. D. Căleanu	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663613	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
178	Sniffer. Testing the radio function of water and heat meters	B. Fabian-Manuel; S. Iulian-Ioan; L. Ioan	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663638		IEEE Conferences
179	Ultrasound liver steatosis diagnosis using deep convolutional neural networks	G. Simion; C. Căleanu; P. Andreea Barbu	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663701	9	IEEE Conferences
180	Piezoelectric Energy Harvesting using SSHI Technique	C. Covaci; A. Gontean	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663643	1	IEEE Conferences
181	A Non-invasive Diagnosis Tool Based on Hepatorenal Index For Hepatic Steatosis	G. Simion; E. Mihailov	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663680	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
182	CBIR for urban building using A-KAZE features	C. Orhei; L. Radu; M. Mocofan; S. Vert; R. Vasiu	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663587	5	IEEE Conferences
183	Efficient Unaligned Memory Access of Tightly Packed Weights for Deep Neural Network Inference on Edge Devices	C. Seiculescu	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663723		IEEE Conferences
184	Measurement application for UV-C irradiation intensity evaluation	R. Ionel; N. Ȃzerban-Pop; L. Măceșiu-Iovan; V. Ordodi	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663707	2	IEEE Conferences
185	Calibration of Time-of-Flight Ultrasonic Flow Meters	B. Fabian-Manuel; L. Septimiu; L. Ioan	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663687	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
186	Real-time line matching based speed bump detection algorithm	C. L. Sirbu; C. Tomoiu; S. Fancsali-Boldizsar; C. Orhei	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	06-Jan-22	2021	10.1109/SIITME53254.2021.9663602	9	IEEE Conferences
187	A hierarchical primitive-based learning tracking framework for unknown observable systems based on a new state representation	M. -B. Radac; T. Lala	2021 European Control Conference (ECC)	03-Jan-22	2021	10.23919/ECC54610.2021.9655191	5	IEEE Conferences
188	Multiple Convolutional Neural Networks for Diabetic Retinopathy Classification	B. Schweisthal; M. Lascu	2021 International Conference on e-Health and Bioengineering (EHB)	30-Dec-21	2021	10.1109/EHB52898.2021.9657704	2	IEEE Conferences
189	CXR-based Diagnosis of COVID-19 using Deep Learning with CycleGAN for Data Augmentation	L. Chirilă; D. -L. Cristea; O. Bania	2021 International Conference on e-Health and Bioengineering (EHB)	30-Dec-21	2021	10.1109/EHB52898.2021.9657539	2	IEEE Conferences
190	Analysis of Antimicrobial Resistance and Sensitivity Patterns for E.Coli and S. Aureus using a Mutual Information Score	A. Cîrînta; M. Pleşu; C. Cîrînta	2021 International Conference on e-Health and Bioengineering (EHB)	30-Dec-21	2021	10.1109/EHB52898.2021.9657601		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
191	Least Squares Differential Quadrature Method for Systems of Fractional Order Differential Equations	M. S. Pașca; B. Căfruntu; A. Juratoni; O. Bundau; A. Albu	2021 International Conference on e-Health and Bioengineering (EHB)	30-Dec-21	2021	10.1109/EHB52898.2021.9657626		IEEE Conferences
192	Raspberry Pi based Robot for Drawing Patterns on Ovoid Objects	S. Nimara; A. V. Cornea; R. Bogdan	2021 29th Telecommunications Forum (TELFOR)	29-Dec-21	2021	10.1109/TELFOR52709.2021.9653316	2	IEEE Conferences
193	Converging Digital Literacy through Virtual Reality	M. Frydenberg; D. Andone	2021 IEEE Frontiers in Education Conference (FIE)	20-Dec-21	2021	10.1109/FIE49875.2021.9637376	3	IEEE Conferences
194	The Transient Regime of a DC Relay Supplied a Charged Condenser	D. Toader; C. Blaj; M. Greconici; C. Solea; D. Vesa; A. Maghet	2021 21st International Symposium on Power Electronics (Ee)	06-Dec-21	2021	10.1109/Ee53374.2021.9628320		IEEE Conferences
195	A New Tapped Inductor Quadratic DC-DC Converter	C. -V. Ionici; D. Lascu	2021 21st International Symposium on Power Electronics (Ee)	06-Dec-21	2021	10.1109/Ee53374.2021.9628232	1	IEEE Conferences
196	A Buck Converter Suitable in Low Step-Down Applications	D. -A. Botila; D. Lascu; I. -M. Pop-Calimanu	2021 21st International Symposium on Power Electronics (Ee)	06-Dec-21	2021	10.1109/Ee53374.2021.9628264	1	IEEE Conferences
197	About Establishing the Functional Service Limits for Low Voltage Metal Oxide Varistors	E. A. Dogaru; A. A. Pocola; F. I. Crisovan; M. Frigura-Iliasa; F. M. Frigura-Iliasa; V. Vatau	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614816	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
198	Considerations about Power Systems Reliability	F. I. Crisovan; A. A. Pocola; E. A. Dogaru; M. Frigura-Iliasa; F. M. Frigura-Iliasa; D. Vatau	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614845		IEEE Conferences
199	Drug Particle Dynamics in the Two Different Simplified Stent Geometries	M. C. Ioncica; A. F. Totorean; T. Ciocan; S. I. Bernad; C. I. Totorean; E. S. Bernad	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614720		IEEE Conferences
200	Hardware and Software Implementation of a Self-Calibrating Smart Meter with Tamper Detection	L. N. Paven; M. L. Crauciuc; S. Avram; R. Vasiu; D. Chiciudean	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614900		IEEE Conferences
201	Technical Power Losses in Electrical Distribution Networks with Renewable Energy Sources. Case Study: Galati Zone, Electrica Muntenia Nord	A. Bittenbinder; C. Barbulescu; M. Salinschi; S. Kilyeni	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614922	2	IEEE Conferences
202	The Influence of Two Main Doppants on the Electrical Properties of Metal Oxide Varistors	E. A. Dogaru; A. A. Pocola; F. I. Crisovan; M. Frigura-Iliasa; F. M. Frigura-Iliasa; D. Vatau	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614753	1	IEEE Conferences
203	Medical IMAGE-Based Numerical Simulation of the Abdominal Aorta Flow	A. F. Totorean; M. C. Ioncica; T. Ciocan; S. I. Bernad; C. I. Totorean; E. S. Bernad	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614874	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
204	Algorithm for Calculating the B-Spline Coefficients used in Interpolations for Harmonics Assessment in Power Systems Applications	A. A. Pocola; E. A. Dogaru; F. I. Crisovan; M. Frigura-Iliasa; F. M. Frigura-Iliasa; D. Vatau	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	29-Nov-21	2021	10.1109/CIEM52821.2021.9614702		IEEE Conferences
205	Improving the Tourists Experiences: Application of Firebase and Flutter Technologies in Mobile Applications Development Process	M. -D. Pop; A. -R. Stoia	2021 International Conference Engineering Technologies and Computer Science (EnT)	29-Nov-21	2021	10.1109/EnT52731.2021.00033	5	IEEE Conferences
206	Solution for remote microclimate monitoring in Low Voltage / High Voltage switchgear cells	R. Fechet; A. Graur; A. -M. Silaghi; A. De Sabata	2021 International Conference on Electromechanical and Energy Systems (SIELMEN)	17-Nov-21	2021	10.1109/SIELMEN53755.2021.9600390		IEEE Conferences
207	Improvement of Message Processing-based Steganographic Algorithm using Convolutional Neural Networks	L. I. Găfinăf; B. GuăŷiĂŁf; D. StĂfnescu	2021 25th International Conference on System Theory, Control and Computing (ICSTCC)	17-Nov-21	2021	10.1109/ICSTCC52150.2021.9606860	1	IEEE Conferences
208	Analog-to-Digital Converter Dynamic Testing by Linearized Four-Parameter Sine-Fit Algorithm	D. Belega; D. Petri	2021 IEEE 6th International Forum on Research and Technology for Society and Industry (RTSI)	15-Nov-21	2021	10.1109/RTSI50628.2021.9597328	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
209	A High Gain Hybrid non-isolated Magnetically-Coupled Switched-Inductor Converter	M. GireadĂf; D. Hulea; O. Cornea; N. Muntean	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590026	1	IEEE Conferences
210	V/f with stabilizing loops fast response control of Induction Motor (IM) drives	A. A. Popa; A. Isfanuti; L. Tutelea; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590024	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
211	10MW, 10rpm, 30Hz spoke Ferrite and bonded NdFeB-rotor wind PMSG preliminary design with FEM validations for 6 rotor variants	L. Tutelea; I. Torac; A. -S. Isfanuti; A. Popa; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590049	2	IEEE Conferences
212	Doubly Salient Ferrite rotor PM single phase SM motor: FEM based optimal design and analysis	A. -S. Isfanuti; L. N. Tutelea; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590046	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
213	100kW 2400-4800rpm - spoke-PM bonded NdFeB traction motor preliminary design with FEM imported parameter circuit controlled dynamics validation	L. Tutelea; I. Torac; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590050	2	IEEE Conferences
214	Magnetic equivalent circuit “based optimal design code of high torque density and efficiency small power claw pole stator PM motor	L. Nicolae Tutelea; T. Staudt; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590043	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
215	Referencing position versus speed active flux based encoderless control of PM-RSM drives at ultra-low speeds without signal injection	M. -C. Ancuti; A. -S. Isfanuti; G. -D. Andreescu; L. -N. Tutelea; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590019	3	IEEE Conferences
216	Supercapacitor City Minibus Propulsion System Simulations, Methodology, and Case Study	L. . -. D. Vitan; A. . -. D. Martin; L. Tutelea; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590081	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
217	BEGA-biaxial excitation generator - operation for constant diode dc output voltage with 3,6,9 phases for increased redundancy	A. ă. D. Martin; L. ă. D. Vitan; I. Torac; L. ă. Tutelea; I. Boldea	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	05-Nov-21	2021	10.1109/OPTIM-ACEMP50812.2021.9590034	1	IEEE Conferences
218	Configurable Built-In Self-Test Architecture for Automated Testing of a Dual-Axis Solar Tracker	R. Rotar; S. L. Jurj	2021 IEEE International Conference on Environment and Electrical Engineering and 2021 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)	03-Nov-21	2021	10.1109/EEEIC/ICPSEurope51590.2021.9584768	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
219	Hybrid Testing of a Solar Tracking Equipment using In-Circuit Testing and JTAG Debugging Strategies	S. L. Jurj; R. Rotar; F. Opritoiu; M. Vladutiu	2021 IEEE International Conference on Environment and Electrical Engineering and 2021 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)	03-Nov-21	2021	10.1109/EEEIC/ICPSEurope51590.2021.9584639	3	IEEE Conferences
220	Tensor Product-Based Model Transformation Technique Applied to Servo Systems Modeling	E. Hedrea; R. Precup; R. Roman; E. M. Petriu; C. Bojană-Dragos; C. Hedrea	2021 IEEE 30th International Symposium on Industrial Electronics (ISIE)	01-Nov-21	2021	10.1109/ISIE45552.2021.9576237	2	IEEE Conferences
221	Cramér-Rao Lower Bound for Unbiased Estimators of Sampled Noisy Sine-Wave Parameters	D. Belega; D. Petri	IEEE Transactions on Instrumentation and Measurement	09-Nov-21	2021	10.1109/TIM.2021.3122791	1	IEEE Journals
222	Investigating additional vehicle safety features using optical scanning device	I. M. Petrașcu; I. S. Borozan; V. Argeșanu; G. M. Franț; A. E. Topciov	2021 IEEE 19th International Symposium on Intelligent Systems and Informatics (SISY)	26-Oct-21	2021	10.1109/SISY52375.2021.9582521	1	IEEE Conferences
223	Contributions to increase the safety of road vehicles by optimizing passive systems using AnyBody software	G. M. Franț; R. C. Bărbuceanu; V. Argeșanu; I. M. Petrașcu; I. S. Borozan	2021 IEEE 19th International Symposium on Intelligent Systems and Informatics (SISY)	26-Oct-21	2021	10.1109/SISY52375.2021.9582488		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
224	A Novel Quadratic Step-Up DC-DC Converter	I. -M. Pop-Calimanu; E. -A. Raducanu; D. Lascu; M. Pop-Calimanu; S. Popescu	2021 23rd European Conference on Power Electronics and Applications (EPE'21 ECCE Europe)	25-Oct-21	2021	10.23919/EPE21ECCEEurope50061.2021.9570517	1	IEEE Conferences
225	Simple PWM Generation using Serial Interface for a Circulation Pump used in Solar Water Heaters	A. Burta; R. Szabo; A. Gontean	2021 6th International Conference on Smart and Sustainable Technologies (SpliTech)	21-Oct-21	2021	10.23919/SpliTech52315.2021.9566386		IEEE Conferences
226	Industrial Pressure Measurement for a Thermo-Electric Hybrid Solar System	A. Burta; R. Szabo; A. Gontean	2021 6th International Conference on Smart and Sustainable Technologies (SpliTech)	21-Oct-21	2021	10.23919/SpliTech52315.2021.9566375		IEEE Conferences
227	An updated view of the Milky Way from the BeSSeL programme	K. L. J. Rygl; M. J. Reid; K. M. Menten; A. Brunthaler; X. W. Zheng; T. M. Dame; Y. Xu; J. Li; N. Sakai; Y. Wu; K. Immer; B. Zhang; A. Sanna; L. Moscadelli; A. Bartkiewicz; B. Hu; L. H. Quiroga-Núñez; H. J. van Langevelde	2021 XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS)	14-Oct-21	2021	10.23919/URSIGASS51995.2021.9560631		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
228	Wide-Band Linear Polarizer Based on a Frequency Selective Surface	A. de Sabata; L. Matekovits; A. Silaghi; A. Buta	2021 XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS)	14-Oct-21	2021	10.23919/URSIGASS51995.2021.9560451		IEEE Conferences
229	Tunable Frequency Selective Surface Design Using Automated Random Optimization	F. Mir; L. Kouhalvandi; L. Matekovits	2021 XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS)	14-Oct-21	2021	10.23919/URSIGASS51995.2021.9560483		IEEE Conferences
230	The Impact of Haze Non-Homogeneity on the Recent Image Dehazing Methods	A. Kis; H. Balta; C. O. Ancuti	2021 International Symposium ELMAR	04-Oct-21	2021	10.1109/ELMAR52657.2021.9550935		IEEE Conferences
231	Underwater Image Enhancement on Low-Cost Hardware Platform	A. Kis; H. Balta; C. Ancuti	2021 International Symposium ELMAR	04-Oct-21	2021	10.1109/ELMAR52657.2021.9550919	4	IEEE Conferences
232	A MSP430 Microcontroller Simulator for Teaching at University during the Covid-19 Pandemic	S. Mischie; G. Vasiu; R. Pazsitka	2021 International Conference on Applied Electronics (AE)	28-Sep-21	2021	10.23919/AE51540.2021.9542897		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
233	Using the $\hat{I}^{\pm}-\hat{I}^2-\hat{I}^3$ Filter to solve the Threshold Problem	B. I. Sighencea; I. Rares Stanciu; C. Sorandaru	IEEE EUROCON 2021 - 19th International Conference on Smart Technologies	15-Sep-21	2021	10.1109/EUROCON52738.2021.9535589		IEEE Conferences
234	An automated threshold Edge Drawing algorithm	C. Orhei; M. Mocofan; S. Vert; R. Vasiiu	2021 44th International Conference on Telecommunications and Signal Processing (TSP)	30-Aug-21	2021	10.1109/TSP52935.2021.9522661	2	IEEE Conferences
235	People Number Scanner Made on iPhone for Avoiding Big Crowds	A. Burta; R. Szabo; A. Gontean	2021 Fifth World Conference on Smart Trends in Systems Security and Sustainability (WorldS4)	19-Aug-21	2021	10.1109/WorldS451998.2021.9514057		IEEE Conferences
236	The Creation Method of a Head-up Display for Cars Using an iPhone	A. Burta; R. Szabo; A. Gontean	2021 Fifth World Conference on Smart Trends in Systems Security and Sustainability (WorldS4)	19-Aug-21	2021	10.1109/WorldS451998.2021.9513996	1	IEEE Conferences
237	Electromagnetic Analysis of a Springless Linear Oscillatory Machine based on Equivalent Magnetic Circuit	L. Bai; W. Xu; X. Li; I. Boldea	2021 13th International Symposium on Linear Drives for Industry Applications (LDIA)	12-Aug-21	2021	10.1109/LDIA49489.2021.9505836	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
238	Three Dimensional Magnetic Equivalent Circuit Analysis of the Modified Homopolar Linear Synchronous Machine	D. Luo; W. Xu; X. Xiao; I. Boldea	2021 13th International Symposium on Linear Drives for Industry Applications (LDIA)	12-Aug-21	2021	10.1109/LDIA49489.2021.9505945	3	IEEE Conferences
239	Linear oscillatory electric motor/generators: an overview	I. Boldea; L. N. Tutelea; A. Popa	2021 13th International Symposium on Linear Drives for Industry Applications (LDIA)	12-Aug-21	2021	10.1109/LDIA49489.2021.9505814	4	IEEE Conferences
240	Fractional kVA Rating PWM Converter Doubly Fed Variable Speed Electric Generator Systems: An Overview in 2020	I. Boldea; L. N. Tutelea; C. Wu; F. Blaabjerg; Y. Liu; M. G. Hussien; W. Xu	IEEE Access	30-Aug-21	2021	10.1109/ACCESS.2021.3101907	21	IEEE Journals
241	Simulation and Measurement of Conducted Emissions “ Current Probe in Automotive EMC	C. Bleoju; A. -M. Silaghi; A. D. Sabata	2021 International Symposium on Signals, Circuits and Systems (ISSCS)	02-Aug-21	2021	10.1109/ISSCS52333.2021.9497406	1	IEEE Conferences
242	Hyperanalytic Wavelets Based Remote Sensing Images Despeckling	C. Naornita; A. Isar	2021 International Symposium on Signals, Circuits and Systems (ISSCS)	02-Aug-21	2021	10.1109/ISSCS52333.2021.9497422	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
243	A New Automatic Conditioning Algorithm for SONAR Images	C. Stolojescu-Crisan; A. Isar	2021 International Symposium on Signals, Circuits and Systems (ISSCS)	02-Aug-21	2021	10.1109/ISSCS52333.2021.9497424	1	IEEE Conferences
244	Learning with Open Cultural Data - Jecza Museum for DigiCulture Study Case	D. Andone; A. Ternauciuc; S. Vert; M. Mocofan; V. Mihaescu; D. Stoica; R. Vasiiu	2021 International Conference on Advanced Learning Technologies (ICALT)	02-Aug-21	2021	10.1109/ICALT52272.2021.00012		IEEE Conferences
245	Adapting Project-Based Learning through Virtual Mobilities in Pandemic Times - TalkTech Project Revisited	D. Andone; M. Frydenberg	2021 International Conference on Advanced Learning Technologies (ICALT)	02-Aug-21	2021	10.1109/ICALT52272.2021.00007	3	IEEE Conferences
246	Riding the S-curve. online education in quarantine times	G. Grosseck; R. Bran; D. Andone; C. Holotescu	2021 International Conference on Advanced Learning Technologies (ICALT)	02-Aug-21	2021	10.1109/ICALT52272.2021.00015		IEEE Conferences
247	MATLAB Simulation Analysis of Harmonic Impedance in a Distribution Network in Order to optimize Passive Compensation Solutions	A. PanĂf; A. BĂfloi; F. Molnar-Matei; L. Paven; R. Goste; I. Bucatariu	2021 9th International Conference on Modern Power Systems (MPS)	28-Jul-21	2021	10.1109/MPS52805.2021.9492642	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
248	Fast and Efficient Group Key Exchange in Controller Area Networks (CAN)	A. Musuroi; B. Groza; L. Popa; P. -S. Murvay	IEEE Transactions on Vehicular Technology	20-Sep-21	2021	10.1109/TVT.2021.3098546	16	IEEE Journals
249	Two New Buck Converters Exhibiting Ripple-Free Output Current	C. Ionici; D. Lascu	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	19-Jul-21	2021	10.1109/EMES52337.2021.9484101		IEEE Conferences
250	Small-signal Model for PWM Converters using Extended Describing Function Approach	E. -A. Lovasz; D. Lascu	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	19-Jul-21	2021	10.1109/EMES52337.2021.9484156	2	IEEE Conferences
251	Brain Tumor Classification Using Pretrained Convolutional Neural Networks	M. Constantin Daniel; L. Mihaela Ruxandra	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	19-Jul-21	2021	10.1109/EMES52337.2021.9484102	5	IEEE Conferences
252	Software Validation For Automatic Heart Decellularization	D. D. Bonciog; V. Laurențiu Ordodi; M. R. Lascu; L. Măceșiu - Iovan; D. C. Ciobanu	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	19-Jul-21	2021	10.1109/EMES52337.2021.9484106	3	IEEE Conferences
253	Soft Clipping Mish - A Novel Activation Function for Deep Learning	M. A. Mercioni; S. Holban	2021 4th International Conference on Information and Computer Technologies (ICICT)	15-Jul-21	2021	10.1109/ICICT52872.2021.00010	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
254	Learning to extrapolate an optimal tracking control behavior towards new tracking tasks in a hierarchical primitive-based framework	T. Lala; M. -B. Radac	2021 29th Mediterranean Conference on Control and Automation (MED)	15-Jul-21	2021	10.1109/MED51440.2021.9480348	6	IEEE Conferences
255	Middle School Arithmetic Auto-Generative Learning Objects to Support Learning in the COVID-19 Pandemic	F. -M. Costea; C. -B. Chirila; V. -I. CreĂu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465595		IEEE Conferences
256	Modified Distance Metric That Generates Better Performance For The Authentication Algorithm Based On Free-Text Keystroke Dynamics	A. -C. Iapa; V. -I. Cretu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465601	5	IEEE Conferences
257	Mechanical Impulse Technique Used to determine the Elastic Characteristics of Welded Steel Bars of Concrete Reinforcements Compared with those Obtained by Analytical, Numerical and Experimental Methods	R. Moisa; S. GĂfĂfĂnu; D. Simoiu; C. Voica; I. CrĂĂtiu; L. Bereteu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465572		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
258	Developing Novel Activation Functions in Time Series Anomaly Detection with LSTM Autoencoder	M. A. Mercioni; S. Holban	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465604	4	IEEE Conferences
259	A Platform to Manage the End-to-End Lifecycle of Batch-Prediction Machine Learning Models	A. -I. Argesanu; G. -D. Andreescu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465588	2	IEEE Conferences
260	Two-Wheeled Self-Balancing Robot	F. -C. Paulescu; I. Szeidert; I. Filip; C. Vasar	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465568	7	IEEE Conferences
261	Analytical, Numerical and Experimental Analysis of the Dynamic Behavior of a Cutting Tool	C. Voica; G. Belgiu; D. Simoiu; R. Parmanche; I. Crăciun; L. Bereteu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465590		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
262	Optimal Energetic Zone of Wind Turbine for Sinusoidal Wind Speed	A. M. F. Luputi; M. Babescu; H. CiocĂrlie	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465552		IEEE Conferences
263	Soft-Clipping Swish: A Novel Activation Function for Deep Learning	M. A. Mercioni; S. Holban	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465622	7	IEEE Conferences
264	Benefits of using a Web Application for Bidding Household Activities	C. Vesa; L. Stanciu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465569		IEEE Conferences
265	Exam Subjects Generation During COVID-19 Pandemics for FCPL Discipline	C. -B. Chirila; O. -S. Chirila	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465580		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
266	Study on fingerprint authentication systems using convolutional neural networks	D. Moga; I. Filip	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465628	3	IEEE Conferences
267	G Suite Configuration for Education and Teaching Mechatronics	M. -F. Crainic; S. I. Faur; S. Preitl	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465599		IEEE Conferences
268	Accelerating Data Ingress for Range-Scan Optimized HBase Instances	A. -I. Argesanu; G. -D. Andreescu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465633	1	IEEE Conferences
269	Analysis of Monetary Policy Decisions of the National Bank of Romania with Text Mining Techniques	C. -V. Pop; R. -E. Precup; L. I. Căldariu-Brăţoiu	2021 IEEE 15th International Symposium on Applied Computational Intelligence and Informatics (SACI)	30-Jun-21	2021	10.1109/SACI51354.2021.9465639	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
270	Unbiased Sine-wave Frequency Estimation by Parabolic Interpolation of DTFT Samples	D. Belega; D. Petri	2021 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)	29-Jun-21	2021	10.1109/I2MTC50364.2021.9459910	2	IEEE Conferences
271	Aspects Regarding of Electrical Isolation of Spark Plugs Used at Spark-Ignition Engines	G. N. Popa; C. Maria DiniĂŸ; I. Baci; A. IagĂŸr	2021 International Conference on Applied and Theoretical Electricity (ICATE)	28-Jun-21	2021	10.1109/ICATE49685.2021.9465031	1	IEEE Conferences
272	Automotive PM Surface Alternator, Analyse with Experiments	G. N. Popa; C. Maria DiniĂŸ; I. Baci; S. I. Deaconu	2021 International Conference on Applied and Theoretical Electricity (ICATE)	28-Jun-21	2021	10.1109/ICATE49685.2021.9465009	2	IEEE Conferences
273	Heuristic and Metaheuristic Techniques based Distribution Network Reconfiguration. Case study: IEEE 33 Bus System	C. Barbulescu; S. Kilyeni; C. Oros; A. Bittenbinder; M. Salinschi	2021 International Conference on Applied and Theoretical Electricity (ICATE)	28-Jun-21	2021	10.1109/ICATE49685.2021.9465030		IEEE Conferences
274	Co-creating with TalkTech: Developing Attributes through International Digital Collaborative Projects	D. Andone; M. Frydenberg	2021 IEEE Global Engineering Education Conference (EDUCON)	18-Jun-21	2021	10.1109/EDUCON46332.2021.9454119	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
275	DigiCulture - courses for enhancing digital competences	D. Andone; V. Mihaescu; A. Ternauciuc; S. Vert; R. Vasiu; M. Mocofan	2021 IEEE Global Engineering Education Conference (EDUCON)	18-Jun-21	2021	10.1109/EDUCON46332.2021.9453911	1	IEEE Conferences
276	FEA Characterization of Bi-Axial Excitation Machine for Automotive Traction Applications	R. Chattopadhyay; M. S. Islam; I. Boldea; I. Husain	2021 IEEE International Electric Machines & Drives Conference (IEMDC)	15-Jun-21	2021	10.1109/IEMDC47953.2021.9449514	8	IEEE Conferences
277	A New High Performance Step-Down Quadratic Converter	S. Lica; I. -M. Pop-Calimanu; D. Lascu	2021 IEEE 19th International Power Electronics and Motion Control Conference (PEMC)	20-May-21	2021	10.1109/PEMC48073.2021.9432613	3	IEEE Conferences
278	A Novel Quadratic Step-Up DC-DC Converter	I. -M. Pop-Calimanuu; L. D. Jurca; D. Lascu; M. Pop-Calimanu	2021 IEEE 19th International Power Electronics and Motion Control Conference (PEMC)	20-May-21	2021	10.1109/PEMC48073.2021.9432620	1	IEEE Conferences
279	A Novel Single Switch Step Down Converter	D. -A. Botila; I. -M. Pop-Calimanu; D. Lascu	2021 IEEE 19th International Power Electronics and Motion Control Conference (PEMC)	20-May-21	2021	10.1109/PEMC48073.2021.9432498	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
280	Control Strategy for DC/DC Converter in Drive Train of Fuel Cell Vehicles	W. Shen; I. -M. Pop-Calimanu; F. Renken	2021 IEEE 19th International Power Electronics and Motion Control Conference (PEMC)	20-May-21	2021	10.1109/PEMC48073.2021.9432532	1	IEEE Conferences
281	DC-DC Buck Converter Based on Arduino Uno Sliding Mode Controller	I. -C. Mituletu; D. Anghel; L. Ardeljan; M. Magda	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	12-May-21	2021	10.1109/ATEE52255.2021.9425185	3	IEEE Conferences
282	Concentrated Magnetic Nanofluids for Use as Liquid Core: Magnetic and Transport Properties	F. D. Stoian; S. Holotescu; D. Susan-Resiga; O. Marinic	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	12-May-21	2021	10.1109/ATEE52255.2021.9425139		IEEE Conferences
283	Study of Harmonic Emissions and Radiated Disturbances of Electric Lamps	A. Iagăr; G. N. Popa; C. M. Dini; C. D. Cunașan	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	12-May-21	2021	10.1109/ATEE52255.2021.9425260		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
284	An Analysis of the High Voltage Sources Used for Small Cylindrical Type Electrostatic Precipitators	G. N. Popa; C. M. DiniĂŸ; A. IagĂŸr; S. I. Deaconu	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	12-May-21	2021	10.1109/ATEE52255.2021.9425099	1	IEEE Conferences
285	3D Printer Fire Detection System with GSM Transmission	D. D. Ardeljan; I. -C. Mituletu; D. Anghel	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	12-May-21	2021	10.1109/ATEE52255.2021.9425246		IEEE Conferences
286	A review on different techniques of mutual coupling reduction between elements of any MIMO antenna. Part 1: DGSSs and parasitic structures	A. Kumar; A. Q. Ansari; B. K. Kanaujia; J. Kishor; L. Matekovits	Radio Science	05-Apr-21	2021	10.1029/2020RS007122	14	AGU Journals
287	A review on different techniques of mutual coupling reduction between elements of any MIMO antenna. Part 2: Metamaterials and many more	A. Kumar; A. Q. Ansari; B. K. Kanaujia; J. Kishor; L. Matekovits	Radio Science	05-Apr-21	2021	10.1029/2020RS007222	13	AGU Journals
288	Digital GoB-based Beamforming for 5G Communication Systems	G. Barb; M. Otesteanu	2020 International Symposium on Antennas and Propagation (ISAP)	05-Apr-21	2021	10.23919/ISAP47053.2021.9391286	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
289	Invisibility Utilizing Huygensâ€™TM Metasurface Based on Mantle Cloak and Scattering Suppression Phenomen	H. Younesiraad; Z. Hamzavi-Zarghani; L. Matekovits	IEEE Transactions on Antennas and Propagation	03-Aug-21	2021	10.1109/TAP.2021.3060022	16	IEEE Journals
290	Single-Layered Frequency Selective Surface for Polarization Processing by Transmission Through Elementary Simple Structure Unit Cell Array	A. -M. Silaghi; A. De Sabata; L. Matekovits	IEEE Access	24-Feb-21	2021	10.1109/ACCESS.2021.3060155	4	IEEE Journals
291	Histogram Ordering	M. Sbert; C. Ancuti; C. O. Ancuti; J. Poch; S. Chen; M. Vila	IEEE Access	22-Feb-21	2021	10.1109/ACCESS.2021.3058577	5	IEEE Journals
292	Sensitivity to Frequency Uncertainty of the Estimators Provided by the Two-Parameter Sine-Fit Algorithm	D. Belega; D. Petri	IEEE Transactions on Instrumentation and Measurement	26-Feb-21	2021	10.1109/TIM.2021.3058396	5	IEEE Journals
293	Sliding-Mode Direct-Voltage Control of Voltage-Source Converters With LC Filters for Pulsed Power Loads	C. Lascu	IEEE Transactions on Industrial Electronics	01-Sep-21	2021	10.1109/TIE.2020.3040694	28	IEEE Journals
294	CANTO - Covert Authentication With Timing Channels Over Optimized Traffic Flows for CAN	B. Groza; L. Popa; P. -S. Murvay	IEEE Transactions on Information Forensics and Security	14-Sep-20	2021	10.1109/TIFS.2020.3017892	10	IEEE Journals
295	Experiment-Based Approach to Teach Optimization Techniques	R. -E. Precup; E. -L. Hedrea; R. -C. Roman; E. M. Petriu; A. -I. Szedlak-Stinean; C. -A. Bojan-Dragos	IEEE Transactions on Education	04-May-21	2021	10.1109/TE.2020.3008878	59	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
296	Advantages of a neuro-symbolic solution for monitoring IT infrastructures alerts	D. M. Onchis; C. Istin; H. Eduard-Florin	2022 24th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	25-May-23	2022	10.1109/SYNASC57785.2022.00036	2	IEEE Conferences
297	Pedestrian Trajectory Prediction Based on Tree Method using Graph Neural Networks	B. I. Sighencea	2022 24th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	25-May-23	2022	10.1109/SYNASC57785.2022.00046		IEEE Conferences
298	Improving the Diagnostic of Contrast Enhanced Ultrasound Imaging using Optical Flow for Focal Liver Lesion Detection	C. L. Sărbu; G. Simion; C. D. Căleanu	2022 24th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	25-May-23	2022	10.1109/SYNASC57785.2022.00048	1	IEEE Conferences
299	SiC Inverter Induction Motor Drive for Automotive Powertrains	E. Carpan; I. Boldea; L. Tutelea; M. Chis; A. Markovits; S. R. Chisozan	2022 IEEE 1st Industrial Electronics Society Annual On-Line Conference (ONCON)	24-May-23	2022	10.1109/ONCON56984.2022.10126994		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
300	Supervised learning data preprocessing for short-term traffic flow prediction	A. -M. Iliencescu; A. Iovanovici; M. Vladutiu	2022 IEEE 16th International Scientific Conference on Informatics (Informatics)	04-Apr-23	2022	10.1109/Informatics57926.2022.10083399	2	IEEE Conferences
301	Into strain mapping of structural components	C. -I. Birdean; I. Both; I. Marginean	2022 7th International Conference on Mathematics and Computers in Sciences and Industry (MCSI)	20-Mar-23	2022	10.1109/MCSI55933.2022.00036		IEEE Conferences
302	An Evaluation of the Rooftop Technical Solar Potential to Meet the Challenges of Electric Vehicles Uptake in Mauritius	K. Sewraj; B. Sreekeesoon; E. Dobrin; K. Khodabux; L. S. Latchoomun	2022 7th International Conference on Environment Friendly Energies and Applications (EFEA)	17-Mar-23	2022	10.1109/EFEA56675.2022.10063801	1	IEEE Conferences
303	Road Intersection Optimization with Resource-Constrained Metaheuristic: A Case Study	L. Szatmari; L. Prodan; A. Iovanovici; D. Avramoni	2022 IEEE 20th Jubilee International Symposium on Intelligent Systems and Informatics (SISY)	13-Feb-23	2022	10.1109/SISY56759.2022.10036312	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
304	Evaluation of the Use of an Intelligent System in the Calibration of a Refined Car-Following Model	M. -D. Pop; O. ProÂŸtean; M. V. Micea	2022 IEEE 22nd International Symposium on Computational Intelligence and Informatics and 8th IEEE International Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics (CINTI-MACRo)	03-Feb-23	2022	10.1109/CINTI-MACRo57952.2022.10029500	2	IEEE Conferences
305	Detection of Pill Intake Associated Gestures using Smart Wearables and Machine Learning	D. Avramoni; R. Virlan; L. Prodan; A. Iovanovici	2022 IEEE 22nd International Symposium on Computational Intelligence and Informatics and 8th IEEE International Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics (CINTI-MACRo)	03-Feb-23	2022	10.1109/CINTI-MACRo57952.2022.10029615	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
306	Resource Constrained, Fast Convergence Training for Violence Detection in Video Streams	C. Vladu; L. Prodan; A. Iovanovici	2022 IEEE 22nd International Symposium on Computational Intelligence and Informatics and 8th IEEE International Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics (CINTI-MACRo)	03-Feb-23	2022	10.1109/CINTI-MACRo57952.2022.10029428		IEEE Conferences
307	Discrete-time Linear and Nonlinear Observers for an Electromechanical Plant with State Feedback Control	A. -I. Szedlak-Stinean; R. -E. Precup; R. -C. Roman; E. M. Petriu; C. -A. Bojan-Dragos; E. L. Hedrea	2022 IEEE Symposium Series on Computational Intelligence (SSCI)	30-Jan-23	2022	10.1109/SSCI51031.2022.10022086	1	IEEE Conferences
308	Designing Applications for Collaborative Learning in Virtual Reality	M. Tataru; S. Berzescu; S. Vert; V. Mihaescu; R. Stamatoiu; R. Vasii	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010175	4	IEEE Conferences
309	Urban landmark detection using A-KAZE features and vector of aggregated local descriptors	C. Orhei; L. Radu; M. Mocofan; S. Vert; R. Vasii	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009951	6	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
310	Software Optimization used to Automate Decellularization	D. D. Bonciog; V. L. Ordodi; M. R. Lascu; L. Măgălieu-Iovan; D. C. Ciobanu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010027		IEEE Conferences
311	Multi-Core Time-Triggered OCBP-Based Scheduling for Mixed Criticality Periodic Task Systems	M. D. Baciuc; E. A. Capota; C. S. Stăngăciuc; C. -D. Curiac; M. V. Micea	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009958	1	IEEE Conferences
312	Grouping farmers using agglomerative clustering on data generated from statistics	G. Simion; C. D. Căleanu; M. Bucos; B. Drăgulescu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010248	1	IEEE Conferences
313	TEM Cell Measurements in Automotive EMC: A Case Study	R. Trip; A. -M. Silaghi; A. Buta; A. De Sabata	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010216		IEEE Conferences
314	Vertical-cavity surface-emitting laser (VCSEL) based distance sensing for parking assistance	F. -D. Sandru; V. -I. Ungureanu; I. Silea	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010256	1	IEEE Conferences
315	A New Slight Step-Up Quadratic Boost Converter	R. -T. Vaduva; D. -A. Botila; D. Lascu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010025		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
316	FPGA Based IEEE 1451 Compliant Smart Power Supply Controller	Z. Sergiu-Iulian; P. Petru; B. Mircea	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010033	1	IEEE Conferences
317	Cubic Buck-Boost Converter with High Step-Up Capability	D. -A. Botila; I. -M. Pop-Calimanu; D. Lasu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010074	3	IEEE Conferences
318	Cybersecurity for Embedded Systems: A review	A. -I. Molcut; S. Lica; I. Lie	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009944	3	IEEE Conferences
319	Normalized Cross Correlation based Solution for Automated Optical Inspection during Boundary Scan Testing	R. Ionel; A. -I. Dăbuleț; C. Căleanu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010155	1	IEEE Conferences
320	Image Denoising Using the Hurst Exponent: A Fusion Based Approach	C. Naornita; A. Isar; I. Naornita	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010094		IEEE Conferences
321	Preliminary Results on Contrast Enhanced Ultrasound Video Stream Diagnosis Using Deep Neural Architectures	K. Schmiedt; G. Simion; C. D. Căleanu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010032	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
322	Preliminary investigation of dye-sensitized solar cells for an optoelectronic neural network with zero electric power consumption	N. Miclau; M. Vajda; D. Ursu; M. Miclau	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010323		IEEE Conferences
323	Unsupervised Online Vertical Misalignment Detection Algorithm for Automotive Radar	A. Bobaru; C. Naornita; G. Copacean; V. C. Vesa	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009999	4	IEEE Conferences
324	Analysis of Vegetation and Penetration Losses in 5G mmWave Communication Systems	G. Barb; F. Danuti; M. A. Ouamri; M. Otesteanu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009963	9	IEEE Conferences
325	Congestion Study of Transport Layer in DL 5G Communication Systems	C. M. Andras; G. Barb; C. Balint; F. Alexa	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010331		IEEE Conferences
326	Prediction of Machine Temperature System Failure Using a Novel Activation Function	M. Adriana Mercioni; S. Holban	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010046		IEEE Conferences
327	A Novel Hybrid Quadratic Buck Converter	G. -M. Jude; I. -M. Pop-Calimanu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010225	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
328	RISC-V based HW accelerator	D. Rotar; T. PetriÅa; F. Alexa	2022 International Symposium on Electronics and Telecommunicati ons (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010137		IEEE Conferences
329	Performances of Uniform Sensor Array Antenna in case of DoA estimation using the MUSIC Algorithm	A. Vesa; C. Simu	2022 International Symposium on Electronics and Telecommunicati ons (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010112	4	IEEE Conferences
330	BLE Network Sensors with IoT Capability	D. I. Costean; S. Mischie	2022 International Symposium on Electronics and Telecommunicati ons (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010090	2	IEEE Conferences
331	A Step-Down Hybrid Converter With Unequal Inductor	Å. -A. Albu; I. -M. Pop-Calimanu	2022 International Symposium on Electronics and Telecommunicati ons (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010198		IEEE Conferences
332	Using a Radio Remote Controller to Operate a Rover and Robotic Arm Combo	R. Szabo; R. -S. Ricman	2022 International Symposium on Electronics and Telecommunicati ons (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009937	2	IEEE Conferences
333	A Home Energy Management System	C. Stolojescu-Crisan; J. Gal	2022 International Symposium on Electronics and Telecommunicati ons (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009984	4	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
334	Design of All Dielectric Frequency Selective Surfaces	A. -M. Silaghi; A. De Sabata; L. Matekovits	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010290		IEEE Conferences
335	Load Balancing Optimization in Software-Defined Wide Area Networking (SD-WAN) using Deep Reinforcement Learning	M. A. Ouamri; G. Barb; D. Singh; F. Alexa	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010335	18	IEEE Conferences
336	The Use of Data Augmentation as a Technique for Improving Fake News Detection in the Romanian Language	G. Ȃucudean; M. Bucos	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010213	2	IEEE Conferences
337	A Brief Overview on 3D Perception using Deep Neural Networks for Automotive	A. -R. Boglut; C. D. CĂ/leanu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10009949		IEEE Conferences
338	Predictive Analytics Models for Student Admission to Master Programs in Romania	M. Ursan; M. Bucos	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010056	1	IEEE Conferences
339	Instrumentation and Analyzis of Handover in Wi-Fi Networks	A. -G. Gherman; M. Marcu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010306		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
340	Semantic Segmentation of Diabetic Retinopathy Imaging	B. Schweisthal; M. Lascu	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010170	1	IEEE Conferences
341	Evaluating Research Trends Using Key Term Occurrences and Multivariate Mann-Kendall Test	C. -D. Curiac; M. Micea	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010222	1	IEEE Conferences
342	Study of the new polymer coatings exhibiting hydrophobic / hydrophilic interactions	D. Ionescu; M. Kovaci	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010113	1	IEEE Conferences
343	TV News Database Indexing System with Video Structure Analysis, Representative Images Extractions and OCR for News Titles	B. Rozsa; M. Mocofan	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010319		IEEE Conferences
344	Evaluation of the Dynamic Performance of an USB Oscilloscope	D. Belega; S. Mischie	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010325		IEEE Conferences
345	Automatic Waste Segregation System	I. -R. Badoi; I. Lie	2022 International Symposium on Electronics and Telecommunications (ISETC)	16-Jan-23	2022	10.1109/ISETC56213.2022.10010184	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
346	Towards the Detection of Hidden Familial Type Correlations in Java Code	A. -P. RoÅŸu; P. -F. Mihancea	2022 IEEE 22nd International Working Conference on Source Code Analysis and Manipulation (SCAM)	12-Jan-23	2022	10.1109/SCAM55253.2022.00022		IEEE Conferences
347	Preliminary study for outdoor testing: Effect of Moisture and Temperature on the Stability of UV Dye Sensitized Solar Cells	M. Vajda; D. Albulescu; D. Ursu; E. IlieÅŸ; M. Marinca; A. Gontean; N. Miclau; N. DuÅŸeanu; S. Bularka; M. Miclau	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9987958	1	IEEE Conferences
348	Study of Dye-Sensitized Solar Roof Tile under Partial Shading Conditions	S. Bularka; E. Ilies; M. Marinca; R. Ricman; M. Vajda; D. Albulescu	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9988633		IEEE Conferences
349	Study Regarding the Configuration Setup used inside an EMC Laboratory for NFC Communication Measurement	T. O. Pacurar; A. -M. Silaghi; C. Balan; A. De Sabata; C. Balint	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9987751		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
350	An Automated Data Acquisition System for the Characterization of Photovoltaic Cells	E. Ilies; M. Marinca; S. Bularka; R. Ricman; M. Vajda; D. Albulescu	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9987874		IEEE Conferences
351	IR Drop Simulation for an Automotive Device	C. Pescari; A. De Sabata; A. - M. Silaghi; C. Bleoju	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9988610	2	IEEE Conferences
352	Microsystem for measuring audio PCB vibrations	C. Barbulescu; M. Marinca; E. Ilies	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9988618		IEEE Conferences
353	Printed Circuit Board Assembly Modeling for Predictive Reliability Assessment	I. E. Âgîncă; I. â€œ. I. Ailinei; A. Davidescu	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9988304		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
354	Mapping the environment at range: implications for camera calibration	M. Stănescu; C. L. Sărbu; C. Orhei	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9987945	2	IEEE Conferences
355	Solutions for Acoustic Noise caused by Multilayer Ceramic Capacitors	C. Covaci; F. Burza; A. Gontean	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)	02-Jan-23	2022	10.1109/SIITME56728.2022.9988700	1	IEEE Conferences
356	Telepresence Robot Used in Educational Applications	P. Țoțea; M. -F. Vaida; G. O. Tirian; S. Mariuș	2022 E-Health and Bioengineering Conference (EHB)	02-Jan-23	2022	10.1109/EHB55594.2022.9991637	2	IEEE Conferences
357	Study of Latency for a Teleoperation System with Video Feedback using Wi-Fi and 4G-LTE Networks	B. Pop; C. Moldovan; F. Florescu; I. E. Popescu	2022 International Conference on Communications, Information, Electronic and Energy Systems (CIEES)	30-Dec-22	2022	10.1109/CIEES55704.2022.9990726	1	IEEE Conferences
358	Development Perspectives in Modern Education	D. L. Lacrama; A. Naaji; F. A. Pinte; F. Alexa	2022 30th Telecommunications Forum (TELFOR)	22-Dec-22	2022	10.1109/TELFOR56187.2022.9983699	1	IEEE Conferences
359	Building a Tic-tac-toe Playing Robotic Arm	R. Szabo; R. -S. Ricman	2022 30th Telecommunications Forum (TELFOR)	22-Dec-22	2022	10.1109/TELFOR56187.2022.9983737	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
360	Evolving Fuzzy and Tensor Product-based Models for Tower Crane Systems	R. -E. Precup; E. -L. Hedrea; R. -C. Roman; E. M. Petriu; C. -A. Bojan-Dragos; A. -I. Szedlak-Stinean; C. Hedrea	IECON 2022 48th Annual Conference of the IEEE Industrial Electronics Society	09-Dec-22	2022	10.1109/IECON49645.2022.9968958	1	IEEE Conferences
361	An Improved Bidirectional Hybrid Switched Capacitor Converter	D. Hulea; M. GireadĂf; O. Cornea; N. Muntean	IECON 2022 48th Annual Conference of the IEEE Industrial Electronics Society	09-Dec-22	2022	10.1109/IECON49645.2022.9969058	5	IEEE Conferences
362	Data-Driven Control Algorithms for Shape Memory Alloys	R. -C. Roman; R. -E. Precup; S. Preitl; C. -A. Bojan-Dragos; A. -I. Szedlak-Stinean; E. -L. Hedrea	2022 IEEE Conference on Control Technology and Applications (CCTA)	08-Dec-22	2022	10.1109/CCTA49430.2022.9966012	5	IEEE Conferences
363	Axially-Laminated-Anisotropic-rotor Reluctance Synchronous Motor characterization: analytical design, key FEM validations and preliminary experiments: 10kW, 2.4-4.8krpm	I. Boldea; I. Torac; A. Martin; D. Vitan; L. Tutelea	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	01-Dec-22	2022	10.1109/PEMC51159.2022.9962869	3	IEEE Conferences
364	Switched-Capacitor Boost Converter for Low Step-Up Applications	D. -A. Botila; I. -M. Pop-Calimanu; D. Lascu	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	01-Dec-22	2022	10.1109/PEMC51159.2022.9962838		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
365	A Novel Fourth-Order Buck-Boost Converter	G. -M. Jude; I. -M. Pop-Calimanu; D. Lascu	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	01-Dec-22	2022	10.1109/PEMC51159.2022.9962844		IEEE Conferences
366	High performance small ALA-rotor reluctance synchronous motor: preliminary design for variable speed with key FEM validation	I. Torac; L. Tutelea; I. Boldea	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	01-Dec-22	2022	10.1109/PEMC51159.2022.9962915	2	IEEE Conferences
367	Framework for distribution network modelling and fault simulation using MATLAB	C. Ȃzolea; D. Toader; M. VinÈan; M. Greconici; D. Vesa; I. Tatai	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	25-Nov-22	2022	10.1109/EPE56121.2022.9959758	1	IEEE Conferences
368	Fundamental Issue for Wind Power Systems Operating at Variable Wind Speeds: the Dependence of the Optimal Angular Speed on the Wind Speed	C. Sorandaru; M. -C. Ancuti; S. Musuroi; M. Svoboda; V. Muller; M. G. Erdodi; E. R. Edu	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	25-Nov-22	2022	10.1109/EPE56121.2022.9959751	12	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
369	Medium Voltage Network Modeling for the Integration of Renewable Sources	F. Băfloi; A. Panăf; A. Băfloi; F. Molnar-Matei	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	25-Nov-22	2022	10.1109/EPE56121.2022.9959838	1	IEEE Conferences
370	Design of an Electronic Direct Drive Automotive Differential using Axial Flux PSMS with Sensorless Direct Torque and Flux Control	T. Marcel; D. S. Ioan	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	25-Nov-22	2022	10.1109/EPE56121.2022.9959740		IEEE Conferences
371	Fingerprinting Smartphones Based on Microphone Characteristics From Environment Affected Recordings	A. Berdich; B. Groza; E. Levy; A. Shabtai; Y. Elovici; R. Mayrhofer	IEEE Access	29-Nov-22	2022	10.1109/ACCESS.2022.3223375	4	IEEE Journals
372	Printed Circuit Board Orthotropic Material Calibration for Static and Dynamic Loading	I. -E. Tinca; I. -I. Ailinei; A. Davidescu	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)	11-Nov-22	2022	10.1109/ESTC55720.2022.9939509	1	IEEE Conferences
373	MLCC Acoustic Noise Mitigation via Appropriate Design	C. Covaci; F. Burza; T. Krausz	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)	11-Nov-22	2022	10.1109/ESTC55720.2022.9939506	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
374	TIE-M - Promoting Learning with Competition	P. Coandă; M. V. Moise; P. M. Svasta; D. C. Comeagă; C. Moisa	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)	11-Nov-22	2022	10.1109/ESTC55720.2022.9939530	3	IEEE Conferences
375	A facile dip-coating process graphene-TiO ₂ on titanium foil for hybrid electrode fabrication	C. Lazau; C. Bandas; M. Nicolaescu; C. Orha; A. Pop	2022 International Semiconductor Conference (CAS)	09-Nov-22	2022	10.1109/CAS56377.2022.9934754	1	IEEE Conferences
376	Comparative morpho-structural and electrochemical characterization of the La and F doped porous Ti/SnO ₂ dimensionally stable anodes	C. Orha; M. Nicolaescu; C. Bandas; C. Lazau; A. Baci; F. Manea	2022 International Semiconductor Conference (CAS)	09-Nov-22	2022	10.1109/CAS56377.2022.9934122		IEEE Conferences
377	Tensor Product-based and State Feedback Structures for Level Control of Vertical Three Tank Systems	E. -L. Hedrea; R. -E. Precup; R. -C. Roman; C. -A. Bojan-Dragos; A. -I. Szedlak-Stinean; C. Hedrea	2022 26th International Conference on System Theory, Control and Computing (ICSTCC)	07-Nov-22	2022	10.1109/ICSTCC55426.2022.9931892		IEEE Conferences
378	UML to code, and code to UML, a view inside implementation challenges and cost	D. Apostol; P. Rusovan; M. Marcu	2022 26th International Conference on System Theory, Control and Computing (ICSTCC)	07-Nov-22	2022	10.1109/ICSTCC55426.2022.9931871	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
379	Parking facility management solution based on dynamic traffic distribution	F. Sandru; V. Ungureanu; I. Silea	2022 26th International Conference on System Theory, Control and Computing (ICSTCC)	07-Nov-22	2022	10.1109/ICSTCC55426.2022.9931862		IEEE Conferences
380	Object Detection in Invoices	A. -Ă. Bulzan; C. Cernăfzanu-Glăfvan	2022 26th International Conference on System Theory, Control and Computing (ICSTCC)	07-Nov-22	2022	10.1109/ICSTCC55426.2022.9931900	1	IEEE Conferences
381	The assessment of class relations importance using enumeration in a graph representation model for key classes detection based on PageRank	C. Chirila; I. Sora	2022 26th International Conference on System Theory, Control and Computing (ICSTCC)	07-Nov-22	2022	10.1109/ICSTCC55426.2022.9931857	4	IEEE Conferences
382	Power Estimation Algorithm for High-Power Wind Turbines with Time Variable Wind Speed	M. C. Ancuti; C. Sorandaru; S. Musuroi; M. A. Lazăr; A. M. Stanciu; R. Ancuti	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919593	1	IEEE Conferences
383	Considerations Regarding The Perturb And Observe Method To Control High-Power Wind Systems Operating At Variable Wind Speeds	C. Sorandaru; S. Musuroi; M. C. Ancuti; R. Ancuti; A. M. Stanciu; M. A. Lazăr	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919526	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
384	Modal and Experimental Analysis of Satellites used for Side-Airbag System	I. C. Gozman-Pop; S. R. Constantin; A. Bosancu; E. N. Oanta; C. L. Berce; L. Bereteu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919467		IEEE Conferences
385	Boost Converter Modeling and Control based on its Role within a Microgrid	C. -L. Rat; O. Prostean; I. Filip; C. Ichim-Burlacu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919444	2	IEEE Conferences
386	Theoretical, Numerical and Experimental Investigations of Overhang Effect on a Cutting Tool Natural Frequencies	C. Voica; G. Belgiu; I. C. Gozman-Pop; R. Parmanche; A. Bosancu; L. Bereteu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919523		IEEE Conferences
387	A method for determining the analytical solution for Bagley Torvik equations with fractional derivatives	M. S. PaÅŃca; B. CĂfruntu; A. Albu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919569		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
388	Load Comparison Between Two Controlling Strategies for Wind Energy Conversion System Power-Boosting	D. BordeaŃu; O. ProŃtean; C. VaŃar; A. DebeŃ	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919466	2	IEEE Conferences
389	The Dependence Between Power of the Electric Generator and Variable Wind Speed	A. M. F. Luputi; M. Babescu; H. CiocŃrlie	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919592		IEEE Conferences
390	Pedestrian Trajectory Prediction in Graph Representation Using Convolutional Neural Networks	B. I. Sighencea; R. I. Stanciu; C. D. CŃŃleanu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919494	3	IEEE Conferences
391	Benchmarking TensorFlow Lite Quantization Algorithms for Deep Neural Networks	I. L. OrŃfŃŃan; C. Seiculescu; C. D. Căleanu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919465	6	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
392	Energy Consumption Analysis for Raspberry Pi Based Smart Mirrors and Proposed Solutions	A. Rat; C. Stangaciu; M. Micea	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919550		IEEE Conferences
393	Analysis of the Relaxation Effect by Vibrations on Some Rheological Models of Tissues	A. Neamtu; D. Simoiu; A. R. Ursu; L. Bereteu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919537	1	IEEE Conferences
394	On cost-effective strategies for opinion diffusion in complex networks	A. Topirceanu; M. Udrescu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919571	2	IEEE Conferences
395	Weather Forecasting Modeling Using Soft-Clipping Swish Activation Function	M. -A. Mercioni; S. Holban	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919575	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
396	Sensorless Control of PMSM Based on Active Flux Observer and MRAS Stator Resistance Identification	G. -D. Andreescu; R. Petcu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919515	3	IEEE Conferences
397	Circuit level implementation of the Reduced Quantum Genetic Algorithm using Qiskit	S. M. Ardelean; M. Udrescu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919519		IEEE Conferences
398	Image sharpening using dilated filters	C. Orhei; R. Vasiiu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919568	4	IEEE Conferences
399	Signal Preprocessing and Artifact Removal for Brain-Computer Interfaces	M. -M. Damian; R. -E. Precup	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919582		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
400	NoSQL Performance Analysis in Android Apps	E. Gumbinger; M. Marcu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919443		IEEE Conferences
401	Fuzzy Models for a Two-Wheeled Self-Balancing Robot	F. -C. Paulescu; R. -E. Precup	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919555		IEEE Conferences
402	AutoML and Neural Architecture Search for Gaze Estimation	A. Bublea; C. D. CĂfleanu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919471	2	IEEE Conferences
403	Role of Artificial Intelligence Techniques in Active Safety using Image Processing for Autonomous Driving Vehicles	D. Moga; I. Filip	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919513		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
404	Android Application to Support Communication Between Romanian Hearing and Deaf Peoples	P. GolĂmba; L. Stanciu	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919511		IEEE Conferences
405	Towards malware detection based on performance counters using deep learning classification models	O. Mohamed; C. -B. Chirila	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	25-Oct-22	2022	10.1109/SACI55618.2022.9919602	1	IEEE Conferences
406	Two-Wheeled Inverted-Pendulum Self-Balancing Robot with LQR or PID Control	R. Petcu; G. -D. Andreescu	2022 IEEE 10th Jubilee International Conference on Computational Cybernetics and Cyber-Medical Systems (ICCC)	21-Oct-22	2022	10.1109/ICCC202255925.2022.9922862	4	IEEE Conferences
407	Algorithms for Real-Valued Noisy Damped Sinusoid Parameter Estimation	D. Belega; D. Petri	IEEE Open Journal of Instrumentation and Measurement	25-Oct-22	2022	10.1109/OJIM.2022.3212727	9	IEEE Journals
408	Automotive electrical validation thermal tests analysis	C. M. Dragan	2022 21st IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (iTherm)	30-Sep-22	2022	10.1109/iTherm54085.2022.9899507		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
409	Ultra-Wide Band Frequency Selective Surface: design and experimental verification of performances for wide incident angle	A. -M. Silaghi; A. D. Sabata; L. Matekovits; A. -P. Buta	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA)	28-Sep-22	2022	10.1109/ICEA A49419.2022.9899941		IEEE Conferences
410	Conversion from LP to CP by a tunable FSS with Embedded Microstrip Lines as Feeding Network	F. Mir; L. Matekovits; A. D. Sabata	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA)	28-Sep-22	2022	10.1109/ICEA A49419.2022.9899950	1	IEEE Conferences
411	A Case Study for Improving Performance of Frequency Selective Surface through Union of Sub-Sets and Particle Swarm Optimization	L. Kouhalvandi; L. Matekovits	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA)	28-Sep-22	2022	10.1109/ICEA A49419.2022.9899878		IEEE Conferences
412	Effective restoration of underwater images to improve local feature matching	A. Kis; H. Balta; C. Ancuti	2022 International Symposium ELMAR	27-Sep-22	2022	10.1109/ELM AR55880.2022.9899810		IEEE Conferences
413	Night-time image dehazing using deep hierarchical network trained on day-time hazy images	A. Kis; C. O. Ancuti	2022 International Symposium ELMAR	27-Sep-22	2022	10.1109/ELM AR55880.2022.9899819	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
414	Absorber Based on a Frequency Selective Surface Built on FR4 Substrate	A. De Sabata; L. Matekovits; A. -M. Silaghi; L. Kouhalvandi	2022 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (AP-S/URSI)	21-Sep-22	2022	10.1109/AP-S/USNC-URSI47032.2022.9886569		IEEE Conferences
415	AVOA-Based Tuning of Low-Cost Fuzzy Controllers for Tower Crane Systems	R. -E. Precup; E. -L. Hedrea; R. -C. Roman; E. M. Petriu; C. -A. Bojan-Dragos; A. -I. Szedlak-Stinean; F. -C. Paulescu	2022 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)	14-Sep-22	2022	10.1109/FUZZ-IEEE55066.2022.9882748	4	IEEE Conferences
416	A hierarchical learning approach for generalized trajectory tracking validated on a magnetic bearing system	A. -B. Borlea; T. Lala; M. -B. Radac	2022 International Conference on Electrical, Computer and Energy Technologies (ICECET)	09-Sep-22	2022	10.1109/ICECET55527.2022.9872586	1	IEEE Conferences
417	Android Head Units vs. In-Vehicle ECUs: Performance Assessment for Deploying In-Vehicle Intrusion Detection Systems for the CAN Bus	T. Andreica; C. -D. Curiac; C. Jichici; B. Groza	IEEE Access	16-Sep-22	2022	10.1109/ACCESS.2022.3204746	8	IEEE Journals
418	Intersection detection based on mono-camera sensor	A. G. Bălănescu; C. L. Sărbu; C. Orhei	2022 45th International Conference on Telecommunications and Signal Processing (TSP)	18-Aug-22	2022	10.1109/TSP55681.2022.9851381	5	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
419	Digital Tools and MOOCs Analysis as Student Exam Activities	V. Mihaescu; D. Andone; S. Vert; A. Ternauciuc; R. Vasiu	2022 International Conference on Advanced Learning Technologies (ICALT)	17-Aug-22	2022	10.1109/ICALT55010.2022.00016		IEEE Conferences
420	Developing Digital Competencies and Future Skills: An International Project-Based Learning through Open Virtual Mobilities in Pandemic Times	D. Andone; M. Frydenberg	2022 International Conference on Advanced Learning Technologies (ICALT)	17-Aug-22	2022	10.1109/ICALT55010.2022.00015		IEEE Conferences
421	Wideband and High Gain Array Antenna for 5G Smart Phone Applications Using Frequency Selective Surface	R. Ullah; S. Ullah; R. Ullah; I. U. Din; B. Kamal; M. A. H. Khan; L. Matekovits	IEEE Access	22-Aug-22	2022	10.1109/ACCESS.2022.3196687	18	IEEE Journals
422	Accurate Frequency Estimation of Electrical Waveforms Affected by Harmonics and Interharmonics	D. Belega; D. Petri	2022 IEEE 21st Mediterranean Electrotechnical Conference (MELECON)	03-Aug-22	2022	10.1109/MELECON53508.2022.9842877	4	IEEE Conferences
423	A Stroke Estimation Method for Linear Oscillatory Machine Using an Improved Sliding Mode Observer	W. Xu; K. Liao; Q. Wang; L. Bai; Y. Gong; E. M. Rashad; I. Boldea	IEEE Transactions on Industry Applications	21-Nov-22	2022	10.1109/TIA.2022.3193653	8	IEEE Journals
424	GWO-Based Performance Improvement of PD-Type Iterative Learning Fuzzy Control of Tower Crane Systems	R. -E. Precup; E. -L. Hedrea; R. -C. Roman; E. M. Petriu; C. -A. Bojan-Dragos; A. -I. Szedlak-Stinean	2022 IEEE 31st International Symposium on Industrial Electronics (ISIE)	25-Jul-22	2022	10.1109/ISIE51582.2022.9831526	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
425	A hierarchical learning framework for generalizing tracking control behavior of a laboratory electrical system	A. -B. Borlea; M. -B. Radac	2022 IEEE 17th International Conference on Control & Automation (ICCA)	25-Jul-22	2022	10.1109/ICCA54724.2022.9831942	2	IEEE Conferences
426	An analysis of the efficiency of flue gases energy potential conversion through methanation	L. Mihăfescu; G. LăfzĂfroi; R. -M. Grigoriu; L. StĂfnescu; M. Dragne; G. P. Negreanu; I. Balcu; C. Panait	2022 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	21-Jul-22	2022	10.1109/EEAE53789.2022.9831228	3	IEEE Conferences
427	On Using EMC Simulation for Solving Power Integrity Issues	C. Pescari; A. -M. Silaghi; A. De Sabata; C. Bleoju	2022 14th International Conference on Communications (COMM)	13-Jul-22	2022	10.1109/COM M54429.2022.9817274	2	IEEE Conferences
428	Downlink Interference Measurement in 4G/5G Systems with Dynamic Spectrum Sharing	A. Ghiulai; G. Barb; F. Alexa; M. Otesteanu	2022 14th International Conference on Communications (COMM)	13-Jul-22	2022	10.1109/COM M54429.2022.9817351	6	IEEE Conferences
429	Unsupervised Online Horizontal Misalignment Detection Algorithm for Automotive Radar	A. Bobaru; C. Naornita; V. C. Vesa	2022 14th International Conference on Communications (COMM)	13-Jul-22	2022	10.1109/COM M54429.2022.9817178	6	IEEE Conferences
430	Performance Analysis of Transport Layer Congestion on 5G Systems	G. Barb; C. Andras; C. Balint	2022 14th International Conference on Communications (COMM)	13-Jul-22	2022	10.1109/COM M54429.2022.9817358	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
431	Improved Position Sensorless Piston Stroke Control Method for Linear Oscillatory Machine via an Hybrid Terminal Sliding-Mode Observer	K. Liao; W. Xu; L. Bai; Y. Gong; M. M. Ismail; I. Boldea	IEEE Transactions on Power Electronics	02-Sep-22	2022	10.1109/TPEL.2022.3188828	9	IEEE Journals
432	Multiband Tunable FSS structure with using feeding network microstrip lines based on Microwave Circuit	F. Mir; A. De Sabata; L. Matekovits	2022 3rd URSI Atlantic and Asia Pacific Radio Science Meeting (AT-AP-RASC)	06-Jul-22	2022	10.23919/AT-AP-RASC54737.2022.9814323		IEEE Conferences
433	Challenges in Testing the Kano Model's Validity through Computer-Assisted Human Behaviour Analysis	S. A. Potra; H. D. Alptekin; A. Pugna; N. T. K ^{1/4} Å ^{1/4} n; B. Y. Å-zkara; M. -D. Pop	2022 IEEE Technology and Engineering Management Conference (TEMSCON EUROPE)	23-Jun-22	2022	10.1109/TEMS CONEUROPE 54743.2022.9801928	2	IEEE Conferences
434	Security Analysis of Vehicle Instrument Clusters by Automatic Fuzzing and Image Acquisition	A. Anistoroaei; B. Groza; P. - Åž. Murvay; H. Gurban	2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	23-Jun-22	2022	10.1109/AQTR 55203.2022.9802024	2	IEEE Conferences
435	Field Orientation Control of a PMSM Electrical Drive System with Application in Hybrid Electric Vehicle	H. Silaghi; V. Spoiala; C. Costea; D. Spoiala; S. Dale; B. Tiberiu; A. Silaghi	2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	23-Jun-22	2022	10.1109/AQTR 55203.2022.9802045		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
436	Telepresence Robot for Exploring Protected Natural Areas	P. Țeșea; G. O. Tirian; L. Chiorean; M. -F. Vaida	2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	23-Jun-22	2022	10.1109/AQTR55203.2022.9801925	1	IEEE Conferences
437	Prediction of user interruptions generated by mobile communication media and evaluating the impact of interruption	I. AlbiȚu; M. Ursu; H. Moldovan; M. Marcu	2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI)	26-May-22	2022	10.1109/SAMI54271.2022.9780711		IEEE Conferences
438	Short term traffic congestion prediction using publically available traffic data: a case study on Timisoara	D. Avramoni; A. Iovanovici; A. -M. Ilienscu; L. Prodan	2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI)	26-May-22	2022	10.1109/SAMI54271.2022.9780813	2	IEEE Conferences
439	Impact of the persistence layer on performance and architecture for a Java web application	P. Marco; M. Marcu	2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI)	26-May-22	2022	10.1109/SAMI54271.2022.9780780	1	IEEE Conferences
440	International Innovative Labs – I-Living-Labs	D. Andone; R. Vasiu; R. Bogdan; V. Mihaescu; S. Vert; A. Iovanovici; V. Ciupe; F. Dragan	2022 IEEE Global Engineering Education Conference (EDUCON)	11-May-22	2022	10.1109/EDUCON52537.2022.9766823		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
441	ECUPrintâ€™Physical Fingerprinting Electronic Control Units on CAN Buses Inside Cars and SAE J1939 Compliant Vehicles	L. Popa; B. Groza; C. Jichici; P. -S. Murvay	IEEE Transactions on Information Forensics and Security	22-Mar-22	2022	10.1109/TIFS.2022.3158055	30	IEEE Journals
442	Effective Intrusion Detection and Prevention for the Commercial Vehicle SAE J1939 CAN Bus	C. Jichici; B. Groza; R. Ragobete; P. -S. Murvay; T. Andreica	IEEE Transactions on Intelligent Transportation Systems	12-Oct-22	2022	10.1109/TITS.2022.3151712	20	IEEE Journals
443	Twin Inverter-Fed Induction Machines Artificial Loading Without Mechanical Coupling	A. D. Martin; L. N. Tutelea; I. Boldea	IEEE Transactions on Industry Applications	19-May-22	2022	10.1109/TIA.2022.3151320		IEEE Journals
444	Hybrid Particle Filterâ€™Particle Swarm Optimization Algorithm and Application to Fuzzy Controlled Servo Systems	C. Pozna; R. -E. Precup; E. HorvĂ;th; E. M. Petriu	IEEE Transactions on Fuzzy Systems	05-Oct-22	2022	10.1109/TFUZ.2022.3146986	173	IEEE Journals
445	A Study on Application of Dielectric Resonator Antenna in Implantable Medical Devices	S. S. Singhwal; L. Matekovits; I. Peter; B. K. Kanaujia	IEEE Access	02-Feb-22	2022	10.1109/ACCESS.2022.3144664	13	IEEE Journals
446	Hyperparameter Optimization of Long Short-Term Memory-Based Forecasting DNN for Antenna Modeling Through Stochastic Methods	L. Kouhalvandi; L. Matekovits	IEEE Antennas and Wireless Propagation Letters	06-Apr-22	2022	10.1109/LAWP.2022.3144046	12	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
447	Reluctance Synchronous and Flux-Modulation Machines Designs: Recent Progress	I. Boldea; L. N. Tutelea; A. A. Popa	IEEE Journal of Emerging and Selected Topics in Power Electronics	01-Apr-22	2022	10.1109/JESTPE.2021.3133129	12	IEEE Journals
448	Claw Pole Synchronous Motors/Generators (CP-SMs/Gs) Design and Control: Recent Progress	I. Boldea; L. N. Tutelea; A. A. Popa	IEEE Journal of Emerging and Selected Topics in Power Electronics	09-Aug-22	2022	10.1109/JESTPE.2021.3125044	5	IEEE Journals
449	An IoT Based Smart Irrigation System	C. Stolojescu-Crisan; B. -P. Butunoi; C. Crisan	IEEE Consumer Electronics Magazine	06-May-22	2022	10.1109/MCE.2021.3084123	17	IEEE Magazines
450	ECC Implementation and Performance Evaluation for Securing OPC UA Communication	A. Tidrea; A. Korodi	2023 IEEE 22nd International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom)	29-May-24	2023	10.1109/TrustCom60117.2023.00232		IEEE Conferences
451	Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using Transformer Neural Network	M. A. Mercioni; C. D. Căflău; C. L. Sărbu	2023 25th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	10-May-24	2023	10.1109/SYNASC61333.2023.00044	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
452	From idea to prototype: Designing a CO2 detection sensor for industrial consumers using the Kano model and QFD™s House of Quality	S. A. Potra; C. Olenici; A. P. Pugna; G. Belgiu; L. M. Cernescu	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430582	1	IEEE Conferences
453	Digital Twin Architecture for an Automated PV System with Self-Testing Capabilities	R. Rotar; N. Văţertaci; M. Bălaş; F. Oprişoiu; M. Vlăduţiu	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430791	1	IEEE Conferences
454	Intelligent green electricity management system	H. Constantin; M. Gheorghe	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430896		IEEE Conferences
455	New Custom Boards for Teaching Digital Design	A. Gontean; E. Ilies; M. Marinca	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10431003		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
456	TIE-M Plus: Promoting Structural Analysis Learning with Competition	I. -E. Ȃcinca; P. CoandĂf; T. Krausz; I. -I. Ailinei; I. -D. VerzeĂŸ; C. Popescu; A. Botau; P. -M. Svasta	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430644		IEEE Conferences
457	How to improve the scrap rate in data control modules using the DMAIC model and statistical analysis	C. O. Olenici; A. P. Pugna; S. A. Potra	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430696		IEEE Conferences
458	Acoustic Vibration Measurement System based on a Microphone Array	M. Marinca; E. Ilies; A. Gontean; S. Bularka; C. Barbulescu	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10431241		IEEE Conferences
459	Thermal Energy Harvesting from Small Sources Using Thermoelectric Generators	M. -V. Popescu; A. -I. MolcuÈ; S. Lica; I. Lie	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430737	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
460	A New Triple-Stacked Step-Up Converter for High-Voltage Gain	S. Lica; M. -V. Popescu; I. Lie; D. Lascu	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430959		IEEE Conferences
461	Improved Flying Probe-Inspired In-Circuit Tester for Practical Laboratory Activities	R. Rotar; S. L. Jurj; N. -C. Rohatinovici; R. Brăncovan; F. Oprișoiu; M. Vlăduțiu	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	16-Feb-24	2023	10.1109/SIITME59799.2023.10430652	2	IEEE Conferences
462	Product Security: An Overview of Concepts and Challenges	A. -M. Stanciu; H. Ciocărlie; C. -P. Julean	2023 IEEE 21st Jubilee International Symposium on Intelligent Systems and Informatics (SISY)	07-Feb-24	2023	10.1109/SISY60376.2023.10417906		IEEE Conferences
463	Revised Set Prediction Matching for Chest X-ray Pathology Detection with Transformers	B. -A. Bercean; A. -S. Buburuzan; A. Birhala; A. Tenescu; C. Avramescu; D. Costachescu; M. Marcu	2023 IEEE International Conference on Systems, Man, and Cybernetics (SMC)	29-Jan-24	2023	10.1109/SMC53992.2023.10394376		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
464	Analyses on Usage of MLP Regression with WSN Data for Predicting Room Occupancy	D. Dobrilovic; R. Bogdan; V. Ognjenovic; M. Marcu	2023 IEEE 19th International Conference on Intelligent Computer Communication and Processing (ICCP)	23-Jan-24	2023	10.1109/ICCP60212.2023.10398671	2	IEEE Conferences
465	Electronic Voting System Based on the Blockchain Technology	A. -M. Stanciu; H. CiocĂşrlie; C. -P. Julean	2023 International Conference on Electrical, Computer and Energy Technologies (ICECET)	22-Jan-24	2023	10.1109/ICECET58911.2023.10389415		IEEE Conferences
466	Analyzing Code Security: Approaches and Tools for Effective Review and Analysis	A. -M. Stanciu; H. CiocĂşrlie	2023 International Conference on Electrical, Computer and Energy Technologies (ICECET)	22-Jan-24	2023	10.1109/ICECET58911.2023.10389326		IEEE Conferences
467	Integrating Security into the Software Development Life Cycle: A Systematic Approach	A. -M. Stanciu; H. CiocĂşrlie	2023 International Conference on Electrical, Computer and Energy Technologies (ICECET)	22-Jan-24	2023	10.1109/ICECET58911.2023.10389547	1	IEEE Conferences
468	An IoT Model for Autonomous Cars	A. R. Boglut; F. Alexa; C. Căleanu; D. L. Lacrama	2023 31st Telecommunications Forum (TELFOR)	01-Jan-24	2023	10.1109/TELFOR59449.2023.10372708	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
469	Power Supply with Condition Monitoring of the Output Capacitor via Parametric Observer	B. Corneliu; C. Dadiana-Valeria; S. Nanu; D. Toma-Leonida	2023 11th International Conference on Control, Mechatronics and Automation (ICCM)	01-Jan-24	2023	10.1109/ICCM A59762.2023.10374759	1	IEEE Conferences
470	Parameter Identification, Non-linearity, and Harmonic Effects in a Vernier Machine of the MAGNUS Type	A. Mohammadi; Y. Chulaee; A. M. Cramer; I. Boldea; D. M. Ionel	2023 IEEE Energy Conversion Congress and Exposition (ECCE)	29-Dec-23	2023	10.1109/ECCE 53617.2023.10362809	3	IEEE Conferences
471	Bonded Nd-PM Claw-Pole Synchronous Motor Drive for Traction Applications: Benefits and Challenges	D. D. Patel; I. Boldea; B. Fahimi	2023 IEEE Energy Conversion Congress and Exposition (ECCE)	29-Dec-23	2023	10.1109/ECCE 53617.2023.10362865		IEEE Conferences
472	A Decomposed Two-Port Network Impedance Modeling Method of Type-3 Wind Generation System with Grid-Forming Control	L. Huang; C. Wu; D. Zhou; F. Blaabjerg; I. Boldea; S. He	2023 IEEE Energy Conversion Congress and Exposition (ECCE)	29-Dec-23	2023	10.1109/ECCE 53617.2023.10362378	2	IEEE Conferences
473	Introducing Principles of Circular Economy into Traditional Energy Sector: Barriers and Prospectives	A. Karaeva; S. Copelli; F. Romagnoli; L. Ivascu; E. A. Torres; S. E. Lakatos	2023 11th International Conference on ENERGY and ENVIRONMENT (CIEM)	18-Dec-23	2023	10.1109/CIEM 58573.2023.10349713		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
474	Three-Phase Biaxial Excitation Synchronous Generator (BEGA) Intern-Fault Experimental Characterisation	K. Khodabux; A. D. Martin; L. . -. D. Vitan; L. . -. N. Tutelea; K. Busawon; I. Boldea	2023 22nd International Symposium on Power Electronics (Ee)	15-Dec-23	2023	10.1109/Ee59906.2023.10346163		IEEE Conferences
475	MAGLEVs â€œ an Overview in 2023	I. Boldea; A. A. Popa; L. N. Tutelea	2023 22nd International Symposium on Power Electronics (Ee)	15-Dec-23	2023	10.1109/Ee59906.2023.10346121	2	IEEE Conferences
476	Experimental Determination of Equivalent Parameters of the Cage Rotor as Slip Functions	M. MoÅ£; M. Greconici; M. Biriescu; G. Madescu	2023 22nd International Symposium on Power Electronics (Ee)	15-Dec-23	2023	10.1109/Ee59906.2023.10346111		IEEE Conferences
477	A New Highly Step-Down Quadratic Converter	G. Pop; L. -D. Jurca; I. Popâ€œCalimanu; D. Lascu	2023 22nd International Symposium on Power Electronics (Ee)	15-Dec-23	2023	10.1109/Ee59906.2023.10346185	1	IEEE Conferences
478	ALA-Rotor RSG 10MW, 480RPM-Preliminary Design with 2D Key FEM Validations	I. Boldea; I. Torac; L. Tutelea	2023 22nd International Symposium on Power Electronics (Ee)	15-Dec-23	2023	10.1109/Ee59906.2023.10346129	1	IEEE Conferences
479	Future Communication Systems: Toward the Intelligent-based Optimization Approaches	L. Kouhalvandi; M. Alibakhshikenari; L. Matekovits; I. Shayea; S. Ozoguz	2023 10th International Conference on Wireless Networks and Mobile Communications (WINCOM)	22-Nov-23	2023	10.1109/WINCOM59760.2023.10322916		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
480	Optimizing Indoor Localization Accuracy with Neural Network Performance Metrics and Software-Defined IEEE 802.11az Wi-Fi Set-Up	L. Kouhalvandi; S. Aygun; L. Matekovits; F. Miramirkhani	2023 10th International Conference on Wireless Networks and Mobile Communications (WINCOM)	22-Nov-23	2023	10.1109/WINCOM59760.2023.10322984		IEEE Conferences
481	Gradient Descent Iterative Correction Unit for Fixed Point Parity Based Codes	O. Boncalo; A. Amaricai	2023 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT)	14-Nov-23	2023	10.1109/DFT59622.2023.10313571		IEEE Conferences
482	A Comparative Study of Car Tracking Algorithms for Road Traffic Surveillance Applications	A. A. Brad; M. C. Brad; M. V. Micea	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308450	1	IEEE Conferences
483	Trigger Systems: Reusability and applicability in Serious Games	M. -A. Grosu; R. Brumar; S. Nicola; H. CiocĂrlie	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308485		IEEE Conferences
484	Evaluation of a Time Efficient Medium Access Policy: GTDMA	A. Popovici; V. Stangaciu	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308457	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
485	Defense Method against Adversarial Attacks Using JPEG Compression and One-Pixel Attack for Improved Dataset Security	A. -V. Cucu; G. Valenzise; D. Stănescu; I. Ghergulescu; L. I. Găfinăf; B. GuăŷiĂf	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308520		IEEE Conferences
486	Exploring the Potential of OCR Integration for Object Detection in Invoices	A. -Ă. Bulzan; C. Cernăfzanu-Glăfvan; M. -G. Marcu	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308505	1	IEEE Conferences
487	FoodMedicine - Android-Based Food Recognition App For Guiding Patients With Nutritional Diseases	B. -L. Blajovan; O. -S. Chirilăf; D. Stănescu; M. -G. Marcu	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308507	2	IEEE Conferences
488	An Overview of Different Topologies for CoAP Protocol Using Contiki Operating System	F. -A. Krech; A. -I. Rota; C. -S. Stangaciu	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308512	2	IEEE Conferences
489	Applications of the MPSA Algorithm and CNN for Securing Medical X-Rays	B. GuăŷiĂf; L. I. Găfinăf; D. Stănescu; I. Ghergulescu	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308514		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
490	Tensor Product-based and State Feedback Control Solutions for Cart Position Control of Pendulum-Cart Systems	E. -L. Hedrea; R. -E. Precup; R. -C. Roman; C. Hedrea	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308467		IEEE Conferences
491	A Brief Overview on Deep Learning-Based Person Re-Identification	M. T. Andreescu; C. D. Căleanu; R. Măruțu	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308455	1	IEEE Conferences
492	Systolic Array Architecture for Educational Use	F. Oprișoiu; M. Vlăduțiu	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308496	1	IEEE Conferences
493	Two Discrete-Time Data-Driven Sliding Mode Controllers for Tower Crane Systems	A. -I. Borlea; R. -E. Precup; R. -C. Roman	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308498		IEEE Conferences
494	Enumerating class relations weights to assess their importance in a graph representation model for detecting key classes using PageRank	C. -B. Chirila; I. Sora	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10-Nov-23	2023	10.1109/ICSTCC59206.2023.10308446	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
495	Students as Open Educational Resources Co-Creators in the TalkTech Project	D. Andone; M. Frydenberg	2023 IEEE Learning with MOOCS (LWMOOCS)	08-Nov-23	2023	10.1109/LWMOCS58322.2023.10306163	1	IEEE Conferences
496	Linear Induction Motor (LIM) Integrated Propulsion and Levitation MAGLEV via Ladder Type Passive Track	I. Torac; L. Tutelea; I. Boldea	2023 14th International Symposium on Linear Drivers for Industry Applications (LDIA)	03-Nov-23	2023	10.1109/LDIA59564.2023.10297430	2	IEEE Conferences
497	Steady-State Phasor Measurement by Means of a Linearized Multiharmonic Sine-Fit Algorithm	D. Belega; D. Petri	2023 IEEE 13th International Workshop on Applied Measurements for Power Systems (AMPS)	01-Nov-23	2023	10.1109/AMPS59207.2023.10297241	1	IEEE Conferences
498	Axially laminated anisotropic (ALA) rotor reluctance synchronous motor (RSM): comprehensive experiments characterization	L. . -. D. Vitan; L. Tutelea; A. . . D. Martin; N. Muntean; I. Boldea	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	01-Nov-23	2023	10.1109/ACEMP-OPTIM57845.2023.10287071	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
499	A Soft-Switched Wide-Ratio Bidirectional Hybrid Switched-Inductor Converter using Auxiliary Resonant Commutated Poles	D. Hulea; M. GireadĂf; O. Cornea; N. Muntean	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	01-Nov-23	2023	10.1109/ACEMP-OPTIM57845.2023.10287073		IEEE Conferences
500	Active Flux based control of ALA Rotor SynRel with MTPA, Maximum Power Factor and Maximum Torque per Flux	S. -C. Agarlita; A. -S. Isfanuti; I. Boldea	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	01-Nov-23	2023	10.1109/ACEMP-OPTIM57845.2023.10287052	3	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
501	Induction Machine V/f Control with Stator Flux and Slip Frequency Compensation for Maximum Power Factor, with Experiments	A. -A. Popa; A. -S. Isfanuti; L. - N. Tutelea; I. Boldea	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	01-Nov-23	2023	10.1109/ACEMP-OPTIM57845.2023.10287056	1	IEEE Conferences
502	Enhancing the Radiation Pattern of Circularly Polarized Dielectric Rod Antenna Using Planar Excitation Method	S. Fakhte; L. Matekovits	IEEE Access	10-Nov-23	2023	10.1109/ACCESS.2023.3328959		IEEE Journals
503	Study Regarding the Influence of the Biasing Network in Designing a Switchable Frequency Selective Surface	A. -M. Silaghi; F. Mir; A. De Sabata; L. Matekovits	2023 International Conference on Electromagnetics in Advanced Applications (ICEAA)	31-Oct-23	2023	10.1109/ICEAA57318.2023.10297778		IEEE Conferences
504	Comparison between Frequency Selective Surfaces with Rectangular and Hexagonal Periodicity Operating as Absorbers	A. D. Sabata; O. Zeno-Lipan; L. Matekovits; A. -M. Silaghi	2023 International Conference on Electromagnetics in Advanced Applications (ICEAA)	31-Oct-23	2023	10.1109/ICEAA57318.2023.10297723	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
505	Optimization Process for Bending a Periodic Structure: Start Ahead with Neural Networks	F. Ebrahimi; L. Kouhalvandi; F. Mir; L. Matekovits	2023 International Conference on Electromagnetics in Advanced Applications (ICEAA)	31-Oct-23	2023	10.1109/ICEAA57318.2023.10297814		IEEE Conferences
506	Sun Tracking System For Photovoltaic Panels In The Context Of Smart Cities Applications	B. Sosdian; R. Bogdan; A. Bild; M. Marcu	2023 IEEE International Smart Cities Conference (ISC2)	31-Oct-23	2023	10.1109/ISC257844.2023.10293288		IEEE Conferences
507	Using the Variable Flow Hydropower Potential of a Drinking Water Supply Pipe of a Small Town	S. I. Deaconu; R. -M. Babău; M. Topor; F. Bu	2023 International Conference on Electromechanics and Energy Systems (SIELMEN)	30-Oct-23	2023	10.1109/SIELMEN59038.2023.10290779		IEEE Conferences
508	Experimental Investigations of the Operation of LC Filters Driven by SSRs	C. M. Diniță; G. N. Popa; R. O. Sonia Rob	2023 International Conference on Electromechanics and Energy Systems (SIELMEN)	30-Oct-23	2023	10.1109/SIELMEN59038.2023.10290815		IEEE Conferences
509	Experimental Investigations of the Operation of Capacitors Driven by SSRs	C. M. Diniță; G. N. Popa; A. Iagăr	2023 International Conference on Electromechanics and Energy Systems (SIELMEN)	30-Oct-23	2023	10.1109/SIELMEN59038.2023.10290802		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
510	Influence of the Wind Speed Amplitude on the Energy Captured by a Wind Turbine Operating at Time-Varying Wind Speeds	C. -P. Chioncel; E. Spunei; O. - G. Tirian	2023 International Conference on Electromechanics and Energy Systems (SIELMEN)	30-Oct-23	2023	10.1109/SIELMEN59038.2023.10290146	2	IEEE Conferences
511	Optimizing Energy Production for Wind Turbines Operating in Variable Wind Speed Conditions	C. -P. Chioncel; E. Spunei; O. - G. Tirian	2023 International Conference on Electromechanics and Energy Systems (SIELMEN)	30-Oct-23	2023	10.1109/SIELMEN59038.2023.10290143	2	IEEE Conferences
512	SMA-Based Tuning of PI Controller Using Takagi-Sugeno Fuzzy Observers for an Electromechanical System with Variable Parameters	A. -I. Szedlak-Stinean; R. -E. Precup; R. -C. Roman; E. M. Petriu; E. -L. Hedrea	2023 9th International Conference on Control, Decision and Information Technologies (CoDIT)	24-Oct-23	2023	10.1109/CoDIT58514.2023.10284125		IEEE Conferences
513	Deep Learning-Based Eye Gaze Estimation for Automotive Applications Using Knowledge Distillation	I. L. Orășan; A. -I. Bublea; C. D. Căleanu	IEEE Access	02-Nov-23	2023	10.1109/ACCESS.2023.3325134	1	IEEE Journals
514	MTPA Control Strategy for ALA Rotor SynRM Based on Reactive and Apparent Power Calculation under Sensorless V/f Control with Stabilization	M. Vidlak; S. Agarlita; I. Boldea	2023 International Conference on Electrical Drives and Power Electronics (EDPE)	10-Oct-23	2023	10.1109/EDPE58625.2023.10274027	4	IEEE Conferences
515	Assessing the Real Impact of Open-Source Components in Software Systems	A. Molin; A. M. Riviș; R. Marinescu	IEEE Access	16-Oct-23	2023	10.1109/ACCESS.2023.3322362	1	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
516	Co-Creating Virtual Reality as Open Educational Resources: An Inquiry-Based Thinking Approach	M. Frydenberg; D. Andone	2023 IEEE International Conference on Advanced Learning Technologies (ICALT)	29-Sep-23	2023	10.1109/ICALT58122.2023.00010	1	IEEE Conferences
517	Image Dehazing Guided by Low-Pass Reinforced Airlight	C. O. Ancuti; C. Ancuti; C. D. Vleeschouwer	2023 IEEE International Conference on Image Processing (ICIP)	11-Sep-23	2023	10.1109/ICIP49359.2023.10222120	2	IEEE Conferences
518	PI and Super Twisting Sliding Mode with Smith Predictor Control Structures for SMA Actuators	C. -A. Bojan-Dragos; R. -E. Precup; R. -C. Roman; E. M. Petriu; M. Muntyan	2023 IEEE 32nd International Symposium on Industrial Electronics (ISIE)	31-Aug-23	2023	10.1109/ISIE51358.2023.10227982		IEEE Conferences
519	Discrete-time Observers for a Mechatronics System with PID Controllers Tuned Using SMA	A. -I. Szedlak-Stinean; R. -E. Precup; R. -C. Roman; E. M. Petriu	2023 IEEE 32nd International Symposium on Industrial Electronics (ISIE)	31-Aug-23	2023	10.1109/ISIE51358.2023.10228083		IEEE Conferences
520	Combination of Pareto Optimal Front with Deep Neural Networks in Optimizing and Enhancing Performance of RF Designs	L. Kouhalvandi; L. Matekovits; S. Ozoguz	2023 31st Signal Processing and Communications Applications Conference (SIU)	28-Aug-23	2023	10.1109/SIU59756.2023.10223987		IEEE Conferences
521	An Industry 4.0 Oriented Predictive Maintenance Solution Deployed in Real-World Automotive Manufacturing Facilities	A. Nicolae; C. Burlacu; A. Stanciu; A. Korodi; B. PoĂŃĂa; F. Mihaila	2023 24th International Conference on Control Systems and Computer Science (CSCS)	17-Aug-23	2023	10.1109/CSCS59211.2023.00025	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
522	Ultrasonic and VCSEL sensor fusion for distance measurement in parking assistance	F. -D. Sandru; V. -I. Ungureanu; I. Silea	2023 24th International Conference on Control Systems and Computer Science (CSCS)	17-Aug-23	2023	10.1109/CSCS59211.2023.00015		IEEE Conferences
523	100kW 6-12krpm ALA rotor traction motor: preliminary design with key electromagnetic FEM validation	I. Boldea; I. Torac; L. Tutelea	IEEE EUROCON 2023 - 20th International Conference on Smart Technologies	07-Aug-23	2023	10.1109/EUROCON56442.2023.10199033	2	IEEE Conferences
524	Building a Solar Tracker Robot Controlled by the ZedBoard FPGA Board	R. Szabo; R. -S. Ricman	2023 46th International Conference on Telecommunications and Signal Processing (TSP)	04-Aug-23	2023	10.1109/TSP59544.2023.1019776		IEEE Conferences
525	An Analysis of Extended and Dilated Filters in Sharpening Algorithms	C. Orhei; R. Vasiiu	IEEE Access	08-Aug-23	2023	10.1109/ACCESS.2023.3301453	7	IEEE Journals
526	Scoping A Document On Recommended Practices For Synthetic Aperture Radiometry	H. B. Sequeira; C. Naornita	2023 IEEE International Conference on Acoustics, Speech, and Signal Processing Workshops (ICASSPW)	02-Aug-23	2023	10.1109/ICASSPW59220.2023.10193628	1	IEEE Conferences
527	Design of Locally Deformed Flexible Frequency Selective Surfaces	A. -M. Silaghi; C. Pescari; A. D. Sabata; L. Matekovits	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	28-Jul-23	2023	10.1109/ISSCS58449.2023.10190917		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
528	D-PHY Interface Characterization by Means of Signal Integrity Simulation	C. Pescari; R. -A. Mal; A. -M. Silaghi	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	28-Jul-23	2023	10.1109/ISSCS58449.2023.10190971		IEEE Conferences
529	Smart IoT device for measuring body angular velocity and centralized assesing of balance and control in fencing	V. A. Nita; P. Magyar	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	28-Jul-23	2023	10.1109/ISSCS58449.2023.10190900	1	IEEE Conferences
530	5G DL Throughput Measurement using Massive MIMO Channel System Tool with Beamforming	C. M. Andras; C. -E. Gruin; G. Barb; C. Balint; F. Alexa	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	28-Jul-23	2023	10.1109/ISSCS58449.2023.10190947	1	IEEE Conferences
531	Matlab Simulink Simulation of Faults and Abnormal Operating Regimes in a Medium Voltage Network with Isolated Neutral for the Purpose of Coordinating Protection Settings	N. Chiosa; A. Baloi	2023 10th International Conference on Modern Power Systems (MPS)	27-Jul-23	2023	10.1109/MPS58874.2023.10187486	1	IEEE Conferences
532	The influence of insulation active power losses on the single line-to-ground fault in medium voltage electrical networks with resonant grounding	C. Ȃzolea; D. Toader; M. Vintan; M. Greconici; D. Vesa; I. Tatai	2023 10th International Conference on Modern Power Systems (MPS)	27-Jul-23	2023	10.1109/MPS58874.2023.10187515	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
533	Evaluating the Collective Impact of Nonlinear Residential and Commercial Equipment on Power Quality	A. Iagăr; G. N. Popa; C. M. Dini	2023 10th International Conference on Modern Power Systems (MPS)	27-Jul-23	2023	10.1109/MPS58874.2023.10187557	1	IEEE Conferences
534	Axial Flux Permanent Magnet Vernier Machine with Single-wound Dual-stator and Spoke Permanent Magnet Rotor for Electric Vehicle In-wheel Traction	A. Mohammadi; Y. Chulaee; A. M. Cramer; I. Boldea; D. M. Ionel	2023 IEEE Transportation Electrification Conference & Expo (ITEC)	25-Jul-23	2023	10.1109/ITEC5900.2023.10187109	11	IEEE Conferences
535	Fictitious Reference Iterative Tuning of Intelligent Proportional-Integral Controllers for Tower Crane Systems	R. -C. Roman; R. -E. Precup; E. M. Petriu; M. Muntyan; E. -L. Hedrea	2023 31st Mediterranean Conference on Control and Automation (MED)	25-Jul-23	2023	10.1109/MED59994.2023.10185866		IEEE Conferences
536	CAN-LOC: Spoofing Detection and Physical Intrusion Localization on an In-Vehicle CAN Bus Based on Deep Features of Voltage Signals	E. Levy; A. Shabtai; B. Groza; P. -S. Murvay; Y. Elovici	IEEE Transactions on Information Forensics and Security	11-Aug-23	2023	10.1109/TIFS.2023.3297444	13	IEEE Journals
537	Cluster functionality validation by automated optical inspection	R. Ionel; A. -I. Dăbule; C. Căleanu	2023 24th International Carpathian Control Conference (ICCC)	19-Jul-23	2023	10.1109/ICCC57093.2023.10178883		IEEE Conferences
538	Design and SAR Analysis of AMC-Based Fabric Antenna for Body-Centric Communication	U. Ali; S. Ullah; A. Basir; B. Kamal; L. Matekovits; H. Yoo	IEEE Access	25-Jul-23	2023	10.1109/ACCESS.2023.3295993	31	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
539	Sliding Mode and Super-Twisting Sliding Mode Control Structures for SMA Actuators*	C. -A. Bojan-Dragos; R. -E. Precup; A. -I. Szedlak-Stinean; R. -C. Roman; E. -L. Hedrea; E. M. Petriu	2023 European Control Conference (ECC)	17-Jul-23	2023	10.23919/ECC57647.2023.10178281		IEEE Conferences
540	Improvements On The P&O Method For PV Panels	C. Ichim-Burlacu; C. -L. Rat; M. Panoiu	2023 5th Global Power, Energy and Communication Conference (GPECOM)	14-Jul-23	2023	10.1109/GPECOM58364.2023.10175815	2	IEEE Conferences
541	PV Panel Monitoring Using Arduino And LabVIEW	C. Ichim-Burlacu; C. -L. Rat; C. Panoiu; C. Cuntan	2023 5th Global Power, Energy and Communication Conference (GPECOM)	14-Jul-23	2023	10.1109/GPECOM58364.2023.10175667	4	IEEE Conferences
542	A Simple Calibration Generator and Method for PC Soundcards	L. -A. BoanĂf; T. PetriĂa	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171711		IEEE Conferences
543	Facial Reconstruction From An Archeological Starting Point	L. -M. Micle; E. -C. Lovasz	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171650		IEEE Conferences
544	A Brief Review of the Most Recent Activation Functions for Neural Networks	M. A. Mercioni; S. Holban	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171705	9	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
545	Medical Disinfection Robots: Past vs Future. Improving the Disinfection Process by Using Disinfection Robots with Folding Mechanism	E. -G. Tulcan; C. Sticlaru; A. Oarcea; E. -C. Lovasz	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171677	5	IEEE Conferences
546	Development of Smart Orthosis with Real-time Corrective Feedback	A. Oarcea; F. Popister; P. Ciudin; M. C. Salatioan	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171632		IEEE Conferences
547	Thinking in Decibels	T. Petrita; A. M. Silaghi; F. Alexa	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171780		IEEE Conferences
548	An Upgrade of MIT SAR Radar Project	D. V. Ioan Bota; T. PetriÅa	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171626		IEEE Conferences
549	Time Series Forecasting And Big Data: Can An Ensemble Of Weak Learners Decrease Costs While Maintaining Accuracy?	R. C. Lucaciu	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171639	1	IEEE Conferences
550	Measuring Output Resistance of a B Class HF Power Amplifier Using Energy Considerations	T. PetriÅa; Å. Liviu; F. Alexa	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171654		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
551	Automation of Decellularization Process Using Artificial Neural Networks	D. -D. Bonciog; V. L. Ordodi; M. -R. Lascu; L. Măceșiu-Iovan	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171759		IEEE Conferences
552	Study on the Implementation of Heat Pumps for Home Heating with the Help of Solar Energy	P. M. Dănuț; C. Marius; C. Mihaela; F. -N. Luminiță; B. Adrian; P. Rareș; O. Robert	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10-Jul-23	2023	10.1109/EMES58375.2023.10171690	2	IEEE Conferences
553	A Case Study on the Six Sigma Application to Reduce Acoustic Noise Generated by Multi-layer Ceramic Capacitors	C. Olenici; C. Miclaus; S. Potra; C. Moisa	2023 46th International Spring Seminar on Electronics Technology (ISSE)	06-Jul-23	2023	10.1109/ISSE57496.2023.10168386		IEEE Conferences
554	Data Analysis for Several Dye-Sensitized Solar Cells Tested at Different Wavelengths and Lighting Conditions	M. -C. Mareș; G. A. Măftuț; A. Chesim; D. Ursu; C. Ionescu; P. Svasta	2023 46th International Spring Seminar on Electronics Technology (ISSE)	06-Jul-23	2023	10.1109/ISSE57496.2023.10168491	1	IEEE Conferences
555	Extracurricular Environment for Electronics Packaging Knowledge Integration	C. Moisa; N. Codreanu; P. Svasta; C. Negrea; M. Cenuț; C. Ionescu	2023 46th International Spring Seminar on Electronics Technology (ISSE)	06-Jul-23	2023	10.1109/ISSE57496.2023.10168401	2	IEEE Conferences
556	Design and Implementation of a Greenhouse Monitoring and Control System	R. Ț. Ricman; M. Marinca; E. Ilies; S. Bularka; A. Gontean; D. Ursu	2023 46th International Spring Seminar on Electronics Technology (ISSE)	06-Jul-23	2023	10.1109/ISSE57496.2023.10168422	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
557	Considerations on Boundary Scan integration in industrial dedicated test stations	R. Ionel; A. -I. Dăbulea; C. Căleanu	2023 46th International Spring Seminar on Electronics Technology (ISSE)	06-Jul-23	2023	10.1109/ISSE57496.2023.10168337		IEEE Conferences
558	Exploring the Photo-Electrochemical Processes of the Parallel Connected DSSCs in Indoor Conditions	D. Ursu; M. Vajda; M. -C. Mareș; N. Miclau; M. Miclau; P. Svasta	2023 46th International Spring Seminar on Electronics Technology (ISSE)	06-Jul-23	2023	10.1109/ISSE57496.2023.10168443	2	IEEE Conferences
559	Electrical Behaviour of MLCC Type 2 Capacitors Under Mechanical Quasi-Static Stress	P. Coanda; M. V. Moise; D. Comeaga; P. Svasta	2023 46th International Spring Seminar on Electronics Technology (ISSE)	06-Jul-23	2023	10.1109/ISSE57496.2023.10168352		IEEE Conferences
560	Tuning of a Minimum Variance Control System Based on the Estimated Process Gain	I. Filip; O. Prostean; I. Szeidert; D. Bordeasu; C. Vasar	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158537		IEEE Conferences
561	Impact of Wiring Characteristics on Voltage-based Fingerprinting in Controller Area Networks	L. Popa; C. Jichici; T. Andreica; P. -S. Murvay; B. Groza	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158572		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
562	Mesh Network with Telepresence Robots for Advertising	P. Țoțea; G. -O. Tirian; M. - F. Vaida; S. -D. Mariuș; R. - M. Terebeș	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158608		IEEE Conferences
563	Novel Power Factor Correction Converter Scheme Allowing Bidirectional Power Flow	M. . -. C. Ancuș; S. Mușuroi; A. . -. I. Stăngu; C. . -. V. Lascu	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158588		IEEE Conferences
564	Using Weka API for creating a custom classification application	R. Robu; P. Arseni-Ailoi; D. Ungureanu-Anghel	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158580	1	IEEE Conferences
565	Bluetooth Sensor Module for Monitoring Indoor Ambient	A. C. Haisiuc; I. -A. Hedes; D. - O. Firan; C. Stangaciu; S. Nimara	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158546		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
566	Method for Autonomous Lane Detection in Assisted Driving	M. C. Brad; A. A. Brad; M. V. Micea	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158656	1	IEEE Conferences
567	Fingerprinting Smartphone Accelerometers with Traditional Classifiers and Deep Learning Networks	A. Berdich; P. Iosif; C. Burlacu; A. Anistoroaei; B. Groza	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158600	1	IEEE Conferences
568	Wind System Control at Time-Varying Wind Speeds Using the Perturb and Observe Method	F. Butaru; M. C. Ancuti; G. M. Erdodi; C. Sorandaru; S. Musuroi; R. Ancuti	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158538	1	IEEE Conferences
569	The impact of age on NBA players' performances: A Data Mining approach	B. R. Hach; L. I. Găvruta; D. Stănescu; B. Guță	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158605		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
570	Automotive Scenarios for Trajectory Tracking using Machine Learning Techniques and Image Processing	D. Moga; I. Filip	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158549		IEEE Conferences
571	Bounding Box Supervision Benefits Lung Pathology Classification in Pulmonary X-Rays	C. Avramescu; A. Tenescu; B. Bercean; M. Marcu	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158637	1	IEEE Conferences
572	On the impact of population density and mobility restrictions in the control of epidemic spreading	A. Hurrelbrink; A. Topirceanu	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	27-Jun-23	2023	10.1109/SACI58269.2023.10158557		IEEE Conferences
573	MIMO Antenna Optimization: From Configuring Structure to Sizing with the aid of Neural Network	F. Mir; L. Kouhalvandi; F. Ebrahimi; L. Matekovits	2023 IEEE 16th Dallas Circuits and Systems Conference (DCAS)	25-May-23	2023	10.1109/DCAS57389.2023.10130253	2	IEEE Conferences
574	A Survey on Fingerprinting Technologies for Smartphones Based on Embedded Transducers	A. Berdich; B. Groza; R. Mayrhofer	IEEE Internet of Things Journal	07-Aug-23	2023	10.1109/JIOT.2023.3277883	5	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
575	Nonlinear Energy-Harvesting for D2D Networks Underlying UAV With SWIPT Using MADQN	M. A. Ouamri; G. Barb; D. Singh; A. B. M. Adam; M. S. A. Muthanna; X. Li	IEEE Communications Letters	11-Jul-23	2023	10.1109/LCO MM.2023.3275989	22	IEEE Journals
576	PM-free electric motor powertrains in road and rail transport: an overview	I. Boldea; F. Marignetti; G. Graber; M. Porzio; L. Fratelli	2023 IEEE International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles & International Transportation Electrification Conference (ESARS-ITEC)	11-May-23	2023	10.1109/ESAR S-ITEC57127.2023.10114849	4	IEEE Conferences
577	Study of Analogue THD-meters with Notch Filter for Voltage and Current	C. M. DiniĂŸ; G. N. Popa; A. IagĂŸr	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	28-Apr-23	2023	10.1109/ATEE 58038.2023.10108147	1	IEEE Conferences
578	MATLAB Library for Simulation of High Impedance Faults in Distribution Networks and Related Protective Relay Behaviour Analysis	C. ĂŸzolea; D. Toader; M. VinĂŸan; M. Greconici; D. Vesa; I. Tatai	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	28-Apr-23	2023	10.1109/ATEE 58038.2023.10108111		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
579	Active Flux Observer-Based High-Speed Control of a Permanent Magnet Synchronous Motor	F. Butaru; C. Carstea; A. -I. Ratiu; M. -C. Ancuti; S. Musuroi	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	28-Apr-23	2023	10.1109/ATEE58038.2023.10108133	3	IEEE Conferences
580	Experimental Analysis of Power Quality in a Power Substation Used in a Residential and Educational Sector	C. M. DiniĂŸ; G. N. Popa; A. IagĂŸr	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	28-Apr-23	2023	10.1109/ATEE58038.2023.10108346	1	IEEE Conferences
581	FPGA Implementation of a IEEE 1451 Compliant Transducer Interface Module	C. L. SĂ®rbu; P. Papazian; M. BĂŸbĂŸfiĂŸa	2023 33rd International Conference Radioelektronika (RADIOELEKTRONIKA)	27-Apr-23	2023	10.1109/RADIOELEKTRONIKA57919.2023.10109080		IEEE Conferences
582	The Creation Method of a Solar Tracker Using the Zybo SoC	R. Szabo; R. -S. Ricman	2023 33rd International Conference Radioelektronika (RADIOELEKTRONIKA)	27-Apr-23	2023	10.1109/RADIOELEKTRONIKA57919.2023.10109071	2	IEEE Conferences
583	Multiaverage Random Switching Frequency Space Vector Pulsewidth Modulation Strategy for High-Order Harmonics Dispersion	F. Bu; B. Ma; R. Du; T. Sun; J. Chu; Q. Liu; H. Qin; S. I. Deaconu	IEEE Journal of Emerging and Selected Topics in Power Electronics	01-Aug-23	2023	10.1109/JESTPE.2023.3266491	7	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
584	Slime Mold Algorithm-Based Performance Improvement of PD-Type Indirect Iterative Learning Fuzzy Control of Tower Crane Systems	R. -E. Precup; R. -C. Roman; E. -L. Hedrea; E. M. Petriu; C. -A. Bojan-Dragos; A. -. I. Szedlak-Stinean	2023 57th Annual Conference on Information Sciences and Systems (CISS)	10-Apr-23	2023	10.1109/CISS56502.2023.10089708	1	IEEE Conferences
585	Technology-Based Spin-offs in Romania: Evaluation of Their Performance in Different Development Stages	L. M. Mihali	2023 15th International Conference on Computer Research and Development (ICCRD)	30-Mar-23	2023	10.1109/ICCRD56364.2023.10080518		IEEE Conferences
586	Identifying Hot Information Security Topics Using LDA and Multivariate Mann-Kendall Test	C. -D. Curiac; M. V. Micea	IEEE Access	28-Feb-23	2023	10.1109/ACCESS.2023.3247588	4	IEEE Journals
587	Design, Analysis and Applications of Wearable Antennas: A Review	U. Ali; S. Ullah; B. Kamal; L. Matekovits; A. Altaf	IEEE Access	15-Feb-23	2023	10.1109/ACCESS.2023.3243292	109	IEEE Journals
588	Improved Position Sensorless Control for PMLSM via an Active Disturbance Rejection Controller and an Adaptive Full-Order Observer	W. Xu; K. Liao; J. Ge; G. Qu; S. Cheng; A. Wang; I. Boldea	IEEE Transactions on Industry Applications	20-Mar-23	2023	10.1109/TIA.2022.3230729	24	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
589	Multi-Channel Implantable Cubic Rectenna MIMO System With CP Diversity in Orthogonal Space for Enhanced Wireless Power Transfer in Biotelemetry	V. Kaim; N. Singh; B. K. Kanaujia; L. Matekovits; K. P. Esselle; K. Rambabu	IEEE Transactions on Antennas and Propagation	18-Jan-23	2023	10.1109/TAP.2022.3222695	17	IEEE Journals
590	Supercapacitor City Minibus Bonded “NdFeB IPMSM Propulsion System: Design and System Modeling Methodology via a Case Study and Laboratory Experiments	L. “D. Vitan; A. Martin; L. Tutelea; I. Boldea; I. Torac; N. Muntean	IEEE Transactions on Industry Applications	20-Mar-23	2023	10.1109/TIA.2022.3220500	5	IEEE Journals
591	Improved Efficiency Optimization Control for Brushless Doubly Fed Induction Generator“DC System by Regulating Stator Frequency	Y. Liu; Y. Zhang; W. Xu; M. Zhang; W. Pan; J. Rodriguez; I. Boldea	IEEE Transactions on Power Electronics	26-Dec-22	2023	10.1109/TPEL.2022.3219279	5	IEEE Journals
592	Sweep-to-Unlock: Fingerprinting Smartphones Based on Loudspeaker Roll-Off Characteristics	A. Berdich; B. Groza; R. Mayrhofer; E. Levy; A. Shabtai; Y. Elovici	IEEE Transactions on Mobile Computing	07-Mar-23	2023	10.1109/TMC.2021.3119987	9	IEEE Journals
593	Coverage and EMF spatial assessment in proximity of a base station with drones	M. -L. Toma; C. -V. Balulescu; T. PetriÅ¸a	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024.10921629		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
594	Artificial Intelligence for 3-D Satellite Networks: A Comprehensive Overview	L. Kouhalvandi; L. Matekovits; M. Alibakhshikenari; M. Atif Kasim	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024 .10921550		IEEE Conferences
595	Data collection from smartwatches and smartbands	B. Cecilia-Valentina; T. PetriÅ£a	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024 .10921544		IEEE Conferences
596	Evaluation of Simulation-Based Product Validation in Automotive Ethernet via Measurements	C. Pescari; A. Å£. M. Silaghi; A. De Sabata; A. Neiconi	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024 .10921553		IEEE Conferences
597	Radiofrequency Emission Monitoring by ANCOM Fixed Stations in Eight Cities in Romania during One Whole Year	D. B. Deaconescu; T. Petrita; S. Miclaus	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024 .10921579		IEEE Conferences
598	Implementation of microgrid networks in energy management	H. Constantin; G. Marc	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024 .10921605		IEEE Conferences
599	An EMI Heatmap with Image Fusion, Using OpenCV and a Logarithmic Detector	A. -G. IndricuÅ£; T. PetriÅ£a	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024 .10921593		IEEE Conferences
600	An efficient indoor positioning method using machine learning and multiple Wi-Fi acces points	R. Dobre-Baron; T. PetriÅ£a; S. Nanu	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATO MS60779.2024 .10921592		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
601	Throughput Performances in 5G MIMO System	M. -I. Cosnita; C. M. Andras; F. Alexa; T. Petrita	2024 Advanced Topics on Measurement and Simulation (ATOMS)	19-Mar-25	2024	10.1109/ATOMS60779.2024.10921498		IEEE Conferences
602	SUDS: A Simplified U-Net Architecture with Depth-Wise Separable Convolutions	V. -C. Ionete; C. Marsavina	2024 26th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	26-Feb-25	2024	10.1109/SYNASC65383.2024.00038		IEEE Conferences
603	On Applying GraphLime for Trustworthy Diabet Prediction	F. Costi; D. Onchis; C. Istin; A. M. Florea; E. Hoge	2024 26th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	26-Feb-25	2024	10.1109/SYNASC65383.2024.00042		IEEE Conferences
604	Scriptview: BTC Embedded Platform® Extension for Test Case Implementation	P. F. Mihancea; L. Driebold; D. Blaj; M. I. Bogdanescu; R. T. Lăpădat; R. C. Ciorica; A. A. Onișă; A. M. Zamosteanu; T. Bienmüller	2024 26th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	26-Feb-25	2024	10.1109/SYNASC65383.2024.00030		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
605	Dynamic Current Control of Rare Earth Free Biaxial Excitation Synchronous Machines	K. M. Namburi; P. Pramod; I. Boldea; I. Husain	2024 IEEE Energy Conversion Congress and Exposition (ECCE)	10-Feb-25	2024	10.1109/ECCE55643.2024.10861289	1	IEEE Conferences
606	A Potential 15 KVdc Catenary-Fed Rail Induction Motor Drive at 780 kW, 1.5-3 krpm: Preliminary Design and Key Fem Validation	I. Boldea; L. Tutelea; A. A. Popa; S. Ali; F. Marignetti; L. Fratelli	2024 IEEE International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles & International Transportation Electrification Conference (ESARS-ITEC)	07-Jan-25	2024	10.1109/ESARS-ITEC60450.2024.10819771		IEEE Conferences
607	Inner Claw-Pole Stator Outer PM Rotor Small Synchronous Motor/Actuator for Vehicular Service Technologies: 3D-FEM Simulation and Experimental Tests	L. Ciprini; A. D. Martin; A. -S. Isfanuti; L. N. Tutelea; F. Marignetti; I. Boldea	2024 IEEE International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles & International Transportation Electrification Conference (ESARS-ITEC)	07-Jan-25	2024	10.1109/ESARS-ITEC60450.2024.10819884		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
608	Double Stator Axial Airgap Spoke-PMSM Performance Investigation for High Torque Density by 3D FEM with a Direct-Drive Powertrain Case Study	S. Ali; I. Boldea; F. Marignetti; N. Qadeer; L. Tutelea; E. De Santis	2024 IEEE International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles & International Transportation Electrification Conference (ESARS-ITEC)	07-Jan-25	2024	10.1109/ESARS-ITEC60450.2024.10819871		IEEE Conferences
609	An Exploration of K-Mer Ranges for Megahit in the Context of Microbial Community-Wide Identification of Antimicrobial Resistance Genes and Biosynthetic Gene Clusters	A. CĂfrunta; A. E. Mizeranschi; C. CĂfrunta; H. L. Banciu; O. T. Moldovan; D. Zaharie; V. Negru	2024 IEEE 24th International Conference on Bioinformatics and Bioengineering (BIBE)	07-Jan-25	2024	10.1109/BIBE63649.2024.10820451		IEEE Conferences
610	Safety and Sustainability Indicators of Variable Speed Limit Control in Intelligent Driver Models	M. -D. Pop; V. CĂfrbune; V. Sudacevschi	2024 IEEE 21st International Conference on Smart Communities: Improving Quality of Life using AI, Robotics and IoT (HONET)	07-Jan-25	2024	10.1109/HONET63146.2024.10822951		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
611	Stand for testing the lifetime of an automotive electronic module	T. -A. Vilceanu; S. Lica; I. Lie	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	30-Dec-24	2024	10.1109/SIITME63973.2024.10814791	1	IEEE Conferences
612	Evaluating the Knowledge in Test Engineering Education using a Solar-powered Remote-controlled Flying Probe-Inspired In-Circuit Tester	S. L. Jurj; R. Rotar; I. Brâncovan; F. Oprișoiu; M. Vlăduțiu	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	30-Dec-24	2024	10.1109/SIITME63973.2024.10814796		IEEE Conferences
613	On Calibration of the Magnetometer with the Help of the Gyroscope	S. Mischie	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	30-Dec-24	2024	10.1109/SIITME63973.2024.10814748		IEEE Conferences
614	TIE Micro “ Chiplets and Next-gen Packaging	C. B. Ciobanu; D. Manolescu; R. Vlăduț; L. Chișu; C. Moisă; M. Manofu; P. Svasta	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	30-Dec-24	2024	10.1109/SIITME63973.2024.10814902		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
615	TIE T+- Thermal Management Student Contest	A. -G. Mihal; C. M. DrĂŕgan; M. Manofu	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	30-Dec-24	2024	10.1109/SIITME63973.2024.10814814		IEEE Conferences
616	Increasing the Specific Energy of Environmental Friendly EDLC and Pseudocapacitors	D. Ionescu; M. Kovaci	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	30-Dec-24	2024	10.1109/SIITME63973.2024.10814737		IEEE Conferences
617	Remote controlled automatic test bench	A. G. Zimbru; S. Lica; I. Lie	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	30-Dec-24	2024	10.1109/SIITME63973.2024.10814803		IEEE Conferences
618	Novel Activation Function Design for Multiple Sclerosis Detection in Medical Imaging	M. A. Mercioni; Ăŕ. Holban; R. Dumache	2024 E-Health and Bioengineering Conference (EHB)	26-Dec-24	2024	10.1109/EHB64556.2024.10805606	1	IEEE Conferences
619	Mental Monitoring Using a Portable Electroencephalography Device for an Educational Telepresence Robot	P. Tota; M. -F. Vaida; G. O. Tirian; R. M. Terebes; L. Chiorean	2024 E-Health and Bioengineering Conference (EHB)	26-Dec-24	2024	10.1109/EHB64556.2024.10805638		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
620	Laser Scanning Modalities Revisited	A. Csillag; V. -F. Duma	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797282		IEEE Conferences
621	Learning Strategies: Experimental Modeling of Laplacian Electric Fields and their Correlation to Kirchhoff's Laws in Physics	B. Arvinti	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797379		IEEE Conferences
622	TMBuD-v2: A Multi-Purpose Urban Landmark Detection Dataset	C. Orhei; M. Mocofan; S. Vert; R. Vasiu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797342	1	IEEE Conferences
623	Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using a Small Hybrid Transformer Neural Network	M. Adriana Mercioni; C. Daniel Căpleanu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797437		IEEE Conferences
624	Educational Matlab Tool for Evaluating Liver Tumors Using Ultrasound	D. A. Veres; D. D. Bonciog; D. Olei; D. Cărnău; D. I. Goje; D. Comaniciu; L. M. Iovan; M. R. Lascu; V. L. Ordodi	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797400		IEEE Conferences
625	Data Acquisition Measurement Experiments using the ADALM2000	R. Pazsitka; S. Mischie	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797279		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
626	Smoke Detection Using an Optical Sensor	M. -C. Coita; S. Lica; I. Lie	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797231		IEEE Conferences
627	6G: An Overview of Key Technologies and Challenges	F. Danuti; M. Otesteanu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797464		IEEE Conferences
628	Improving the Elective Courses Selection Process by Extending an Educational Platform	D. DanicĂf; A. Ternauciuc	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797359		IEEE Conferences
629	Unsupervised Deep Learning with Stacked Autoencoders for Cell Line Classification in Microscopic Images	D. Olei; M. R. Lascu; L. M. Iovan; D. Comaniciu; D. D. Bonciog; V. L. Ordodi	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797360		IEEE Conferences
630	A Buck-Boost Converter with Coupled Inductors for High Voltage Boosting Performance	D. -A. Botila; G. -C. Zaharia; I. M. Pop-Calimanu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797370		IEEE Conferences
631	Innovative HV Measurement: Noninvasive Digital Tester (NDT) for Enhanced EV Diagnostics	I. Nicolae; C. Bogdan; B. Dumitru-Daniel; M. Valentin-loan	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797385		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
632	A Python-Based Real Estate Rental Application for Students: Leveraging Open Data and Visualization to Enhance Housing Decisions	A. -S. Nicula	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797272		IEEE Conferences
633	Simulating Human Physical Behavior using Unreal Engine Full Body Inverse Kinematics	A. -M. Pescaru; R. A. Bertici; T. -R. Plosca; M. V. Micea	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797341		IEEE Conferences
634	3D Urban Wireless Network Planning and Analysis Using Ray-Tracing and Machine Learning	E. TRĂŢNC; A. VESA; C. SIMU	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797290		IEEE Conferences
635	An Integration Methodology of a Third-Party In-System Programming Solution into a Flying Probe Equipment	R. Ionel; I. Rinaldi; C. TÎŢNASIE	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797325		IEEE Conferences
636	Teach to Reach Younger Students by "Electronics"	M. Daneti	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797451		IEEE Conferences
637	Programmable Active Load for Testing DC-DC Converters	S. A. Bordeanu; S. Lica; I. Lie	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797315		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
638	An Architecture of a Web Application for Deploying Machine Learning Models in Healthcare Domain	M. -E. -O. Ursan; C. D. CĂfleanu; M. Bucos	2024 International Symposium on Electronics and Telecommunicati ons (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797433		IEEE Conferences
639	Particle Filter Based Correction of On-Board Camera Driver Gaze Estimation	D. -N. PĂftrut; A. -M. Pescaru; T. -R. PloscĂf; D. Pescaru	2024 International Symposium on Electronics and Telecommunicati ons (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797270		IEEE Conferences
640	An Overview and Classification on Beamforming Techniques for 5G Systems	C. -M. Andras; T. -F. RĂcoiu; D. -A. Drugea; G. Barb; M. OteĂŶteanu	2024 International Symposium on Electronics and Telecommunicati ons (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797375	1	IEEE Conferences
641	Radar Object Classification Using Neural Networks in Urban Automotive Scenarios	A. G. Ham; C. Nafornta; V. C. Vesa	2024 International Symposium on Electronics and Telecommunicati ons (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797259		IEEE Conferences
642	High Voltage DC-DC Converter for Safety Beacons	A. D. DrĂfgoi; S. Lica; I. Lie	2024 International Symposium on Electronics and Telecommunicati ons (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797265		IEEE Conferences
643	CIC Filter Implementations for FPGA-Based PDM Microphone Systems Analysis	E. Ilies; M. Marinca; A. Gontean	2024 International Symposium on Electronics and Telecommunicati ons (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797217		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
644	A Buck-Boost Converter with Asymmetric Static Conversion Ratio	G. -M. Pop; A. -A. Cauc; I. -M. Pop-Calimanu; D. Lascu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797242		IEEE Conferences
645	Enhancing Audio Performance: Noise Reduction and Efficiency in Class AB Amplifier Design	K. Bogdan-Flavius; B. Dumitru-Daniel; M. Valentin-Ioan	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797394		IEEE Conferences
646	Assessment of LPDDR4 Interface Performance in an Automotive Product Through High-Speed Simulation	C. Pescari; A. -M. Silaghi; A. Neiconi; A. De Sabata	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797267		IEEE Conferences
647	Wireless Sensors and Their Data Transmission	S. Mischie; C. Ionica	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797236		IEEE Conferences
648	A Learning Experience Platform for a Technical University	V. Mihaescu; G. Gheta	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797260		IEEE Conferences
649	Rotor Flux Estimation for Induction Motors Based on Modified Sliding Mode Observer	Y. Wang; R. Ionel; F. Meng; C. Li; Z. Luo	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797311		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
650	A New Step-Up/Down DC-DC Converter	G. -A. Perneac; I. -M. Pop-Calimanu; D. Lascu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797252		IEEE Conferences
651	Deep Learning for Sleep Staging Using EEG Signals	V. Gabriel-Alexandru; L. Mihaela-Ruxandra	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797312	1	IEEE Conferences
652	An Ultrareliable Low Computational Method for Detecting the Direction of Emergency Vehicle Sirens Based on an Array of Microphones	V. -A. NiÅ£Äf; V. -D. NiÅ£Äf	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797462		IEEE Conferences
653	Overview of the Technical Risk Analysis and Risk Assessment Analysis in Automotive Industry	M. Tolontan; C. Orhei; R. Vasiu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797338		IEEE Conferences
654	Innovative Pixel Art: Generation and Augmentation with Pixray	M. Adriana Mercioni; R. Bogdan Cazacu; S. Holban	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797335		IEEE Conferences
655	Statistical Analysis of Optimal Features for CLAHE Algorithm on Post-COVID19 CT Scans	B. Arvinti; M. Costache	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797295	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
656	Audiosusceptibility Calculation in One-Cycle Controlled DC-DC Converters Based on the Describing Function	C. -V. Ionici; D. Lascu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797296		IEEE Conferences
657	Increasing of Specific Energy of the Supercapacitors Based on Cellulose-Derived Nanostructures and Conductive Polymers	D. Ionescu; M. Kovaci	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797399		IEEE Conferences
658	Identifying Developer Positions in AGILE Projects Using BERT Architecture	T. -R. Ploscă; B. -V. Rus; A. -M. Pescaru; D. -I. Curiac	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797238		IEEE Conferences
659	Dehazing CNNs Loss Functions Analysis	R. Dobre-Baron; C. Ancu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797441	1	IEEE Conferences
660	Automated Detection of AI-Generated Text Using LLM Embedding-Driven ML Models	A. -N. Vacariu; M. Bucos; M. Otesteanu; B. Dragulescu	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797258		IEEE Conferences
661	Distance Estimation Using Verilog FPGA Implementation	C. -V. Ionici; S. -D. Meltiș; P. Papazian	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797307		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
662	GLCM-Enhanced Dynamic Texture Analysis for Ocean Waves Behavior	M. Mocofan; C. Orhei; S. Vert; F. Alexa	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797330		IEEE Conferences
663	Fostering Trust in AI-Driven Healthcare: A Brief Review of Ethical and Practical Considerations	C. L. Sărbu; M. A. Mercioni	2024 International Symposium on Electronics and Telecommunications (ISETC)	20-Dec-24	2024	10.1109/ISETC63109.2024.10797264	2	IEEE Conferences
664	A Novelty Real-Time Gesture Recognition Model for Air-Hand Piano Playing Using Mediapipe	C. Guță; D. Stănescu; B. Guță; L. I. Găfină; I. Ghergulescu	2024 IEEE 20th International Conference on Intelligent Computer Communication and Processing (ICCP)	17-Dec-24	2024	10.1109/ICCP63557.2024.10793028		IEEE Conferences
665	Sending CAN Flexible Data-Rate Frames in an Automatic Manner to Improve Vehicle Diagnose Processes	F. -A. Krech; C. -S. Stăngăci; M. V. Micea	2024 IEEE 20th International Conference on Intelligent Computer Communication and Processing (ICCP)	17-Dec-24	2024	10.1109/ICCP63557.2024.10793030		IEEE Conferences
666	A Health Monitoring Platform for Managing Long COVID	D. Mihai; D. A. Raluca; P. R. Cristina; D. A. Mitrea; A. -M. Nastase; A. Gradinaru; N. Goga; S. Aerts	2024 IEEE SmartBlock4Africa	12-Dec-24	2024	10.1109/SmartBlock4Africa61928.2024.10779493		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
667	Artificial Neural Network and Its Benefit in Modeling and Efficient Yield Analysis of Antennas	L. Kouhalvandi; L. Matekovits; S. Ozoguz	2024 11th International Conference on Electrical and Electronics Engineering (ICEEE)	10-Dec-24	2024	10.1109/ICEE E62185.2024.10779265		IEEE Conferences
668	Solar Photovoltaic Systems Challenges in Industrial Network Installations	C. -D. Dumitru; A. Gligor; S. Dzitac; I. Vlasa; A. Simo	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	22-Nov-24	2024	10.1109/EPEi63510.2024.10758087	1	IEEE Conferences
669	Enhancing the Performance of Open Winding Induction Generators for Variable Speed Generator Energy Applications	M. Topor; F. Bu; L. Haozhe; S. I. Deaconu	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	22-Nov-24	2024	10.1109/EPEi63510.2024.10758162		IEEE Conferences
670	Optimal Recloser Placement in Distribution Networks to Improve Power Quality Indicators	C. Bondar; B. Neagu; G. Grigoras; A. Simo	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	22-Nov-24	2024	10.1109/EPEi63510.2024.10757999	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
671	Vienna Rectifier vs. Buck Type Topology in PFC Applications	D. -C. Mihăilescu; S. Mușuroi; V. -N. Olarescu; C. Ȃzorăndaru	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	22-Nov-24	2024	10.1109/EPEi63510.2024.10758180		IEEE Conferences
672	Structural and Magnetic Phase Transitions in Gd ₅ -x-yTb _x Ti _y Si ₂ Ge ₂ Compounds	I. A. Ovtchenkova; O. A. Alekseeva; I. S. Tereshina; A. A. Kurganskaya; A. V. Morozkin; A. E. Bogdanov; A. E. Ovtchenkova; S. A. Nikitin; A. V. Filimonov	2024 International Conference on Electrical Engineering and Photonics (EExPolytech)	20-Nov-24	2024	10.1109/EEExPolytech62224.2024.10755856		IEEE Conferences
673	Identifying Chaotic Dynamics in IoT-Based Robot Navigation Using New Chaotic Jerk Models: Development and Experimental Validation	A. Sambas; Z. Ahmad; S. Vaidyanathan; C. Lăfăzureanu; F. Hannachi; T. M. Abed-Elhameed	2024 International Conference on ICT for Smart Society (ICISS)	19-Nov-24	2024	10.1109/ICISS62896.2024.10751345		IEEE Conferences
674	CUDA Accelerated Graph Algorithms for Key Class Detection	C. -B. Chirila; I. Sora	2024 28th International Conference on System Theory, Control and Computing (ICSTCC)	11-Nov-24	2024	10.1109/ICSTCC62912.2024.10744710		IEEE Conferences
675	Integrating Logical Dependencies in Software Clustering: A case study on Apache Ant	A. Stana; I. Ȃzora	2024 28th International Conference on System Theory, Control and Computing (ICSTCC)	11-Nov-24	2024	10.1109/ICSTCC62912.2024.10744671		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
676	Generation of Power Quality Disturbances Using a Programmable Arbitrary Waveform Generator	G. Gasparesc	2024 15th International Conference on Communications (COMM)	06-Nov-24	2024	10.1109/COM M62355.2024.10741430		IEEE Conferences
677	Modeling of Biomedical Antennas through Forecasting DNN for the Enlarged Bandwidth	L. Kouhalvandi; M. Alibakhshikenari; P. Livreri; L. Matekovits; I. Peter	2024 17th United Conference on Millemetre Waves and Terahertz Technologies (UCMMT)	04-Nov-24	2024	10.1109/UCM MT62975.2024.10737749	1	IEEE Conferences
678	Classical and Fuzzy Controllers for an Optimally Tuned Model of a Strip Winding System	A. -I. Szedlak-Stinean; R. -E. Precup; N. -L. Iancu	2024 International Semiconductor Conference (CAS)	31-Oct-24	2024	10.1109/CAS6 2834.2024.10736796		IEEE Conferences
679	An improved Bidirectional Hybrid Switched-Inductor Switched-Capacitor Converter Topology with Wide Voltage Ratio	M. GireadĂf; D. Hulea; F. BaboĂŸ; O. Cornea; N. Muntean	2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC)	25-Oct-24	2024	10.1109/PEM C61721.2024.10726377	1	IEEE Conferences
680	Eclipse Versus Conventional Optical Choppers: Modeling and Analysis	V. -F. Duma; E. -S. Csukas; C. Moisa	2024 IEEE 10th Electronics System-Integration Technology Conference (ESTC)	15-Oct-24	2024	10.1109/ESTC 60143.2024.10712027		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
681	Compact Self-Octaplexing Circular EMSIW Antenna for Sub-6 GHz Communication Systems	G. Srivastava; A. Mohan; B. K. Kanaujia; L. Matekovits	IEEE Access	28-Oct-24	2024	10.1109/ACCESS.2024.3479419	1	IEEE Journals
682	On the Relation between the Accelerometer and the Gyroscope Measurements	S. Mischie; L. Matiu-Iovan	2024 International Conference on Applied Electronics (AE)	14-Oct-24	2024	10.1109/AE61743.2024.10710225		IEEE Conferences
683	A Planar Wideband Antenna for Full Duplex Communication With Significant Peak Gain	S. Rana; A. Kumar; A. Mohan; B. Kumar Kanaujia; L. Matekovits	IEEE Access	23-Oct-24	2024	10.1109/ACCESS.2024.3478803	3	IEEE Journals
684	Frequency Measurement in Power Systems: Accuracy of Classical Electronic and Signal-processing-Based Instrumentation	D. Belega; G. Găfăreșcu	2024 IEEE 14th International Workshop on Applied Measurements for Power Systems (AMPS)	09-Oct-24	2024	10.1109/AMPS62611.2024.10706687		IEEE Conferences
685	Ringdown Electromechanical Oscillations Analysis Through the Interpolated DFT Algorithm	D. Belega; D. Macii; D. Petri	2024 IEEE 14th International Workshop on Applied Measurements for Power Systems (AMPS)	09-Oct-24	2024	10.1109/AMPS62611.2024.10706668		IEEE Conferences

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Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
686	Encoderless Field Oriented Control (FOC) with I-F Starting for a Super-High Speed SPMSM (125 krpm, 30 kW) Compressor Drive	A. -S. Isfanuti; M. -C. Ancuti; A. Popa; B. Fahimi; I. Boldea	2024 International Conference on Electrical Machines (ICEM)	09-Oct-24	2024	10.1109/ICEM60801.2024.10700342	1	IEEE Conferences
687	Claw Pole -Single Magnet Rotor Small Synchronous Actuator Motor: Optimal Design via 3D-MEC with 3D FEM Validation	L. Tutelea; T. Staudt; I. Boldea	2024 International Conference on Electrical Machines (ICEM)	09-Oct-24	2024	10.1109/ICEM60801.2024.10700406		IEEE Conferences
688	Design of Wideband Metasurface Structure with the Aid of Bottom-Up Optimization	S. Ozer; L. Kouhalvandi; L. Matekovits; M. Alibakhshikenari	2024 International Conference on Electromagnetics in Advanced Applications (ICEAA)	08-Oct-24	2024	10.1109/ICEAA61917.2024.10701815		IEEE Conferences
689	Study Regarding the Tunability of a Frequency Selective Surface Having Incorporated Active Devices and Control Network	A. -M. Silaghi; C. Pescari; A. D. Sabata; L. Matekovits; A. Neiconi	2024 International Conference on Electromagnetics in Advanced Applications (ICEAA)	08-Oct-24	2024	10.1109/ICEAA61917.2024.10701664		IEEE Conferences
690	Control of Wind Turbines Operating at Significantly Variable Wind Speeds Over Time	E. -R. Edu; M. -B. Radac	2024 International Conference on Electrical, Computer and Energy Technologies (ICECET)	08-Oct-24	2024	10.1109/ICECET61485.2024.10698685	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
691	Designing a Tunable Frequency Selective Surface with Active Components	C. Pescari; A. -M. Silaghi; A. De Sabata; L. Matekovits; F. Mir	2024 IEEE International Symposium on Antennas and Propagation and INC/USNC&EURSI Radio Science Meeting (AP-S/INC-USNC-URSI)	30-Sep-24	2024	10.1109/AP-S/INC-USNC-URSI52054.2024.10685885	1	IEEE Conferences
692	Exploiting Analytic Transfer Matrices to Engineer Resonances in Patterned Dielectric Periodic Surfaces	A. De Sabata; O. -Z. Lipan; L. Matekovits	2024 IEEE International Symposium on Antennas and Propagation and INC/USNC&EURSI Radio Science Meeting (AP-S/INC-USNC-URSI)	30-Sep-24	2024	10.1109/AP-S/INC-USNC-URSI52054.2024.10686803		IEEE Conferences
693	Efficient Implementation of Spiking Neural Networks for Inference Using Ex-Situ Training	S. L. Jurj	IEEE Access	30-Sep-24	2024	10.1109/ACCESS.2024.3462606	1	IEEE Journals
694	Interference Margin Estimation in DL Link Budget Calculations for 5G Communication Systems	C. M. Andras; G. Barb; M. Otesteanu	2024 IEEE INC-USNC-URSI Radio Science Meeting (Joint with AP-S Symposium)	21-Aug-24	2024	10.23919/INC-USNC-URSI61303.2024.10632358		IEEE Conferences
695	A Comparison on the Battery Consumption and Data Transfer Efficiency of 4G/5G Systems	G. Barb; D. -M. BÄrzan; M. -F. Ivan-Fernolendt; M. A. Khan	2024 IEEE INC-USNC-URSI Radio Science Meeting (Joint with AP-S Symposium)	21-Aug-24	2024	10.23919/INC-USNC-URSI61303.2024.10632327		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
696	Pie: A General-Purpose Code Editor Focused on Simplicity	M. -M. Mateas; C. Marsavina	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619920		IEEE Conferences
697	Turning the Tables in Hybrid Classical-Quantum Systems”Classical Optimization of Quantum Algorithms: Plenary Talk	M. Udrescu	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619882		IEEE Conferences
698	Simplified DC-DC Converter Models for Interconnecting Loads to a DC Microgrid	C. -L. Rat; O. Prostean; C. Ichim-Burlacu	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619841		IEEE Conferences
699	Java Single vs. Platform vs. Virtual Threads Runtime Performance Assessment in the Context of Key Class Detection	C. -B. Chirila; I. Sora	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619722	2	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
700	Visualizing the COVID-19 Pandemic: Retrospective Insights and Implications for Public Health Strategies	S. -M. Firiza; A. -M. Scornea; A. Topirceanu	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619727		IEEE Conferences
701	Driving Behavior Extraction Based on Eyes Movement Patterns	A. M. Pescaru; M. V. Micea	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619777	2	IEEE Conferences
702	Streamlining Serious Game Development: An Extensible System for Unifying Controls in Cross-Platform Serious Game Development	R. Brumar; M. -A. Grosu; S. Nicola; H. CiocĂrlie	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619869		IEEE Conferences
703	Enhancing Patient Care: Achieving Interoperability between General Practitioners™ and Stomatologists™ Information Systems Using FHIR Standard and Firebase Cloud	O. S. Chirila; L. Stoicu-Tivadar; D. Avram; M. M. Szilagy; C. -B. Chirila	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619795		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
704	Automatic System for Learning the Process of Solving Rubik's Cube	L. Țoșean; L. Stanciu; A. Albu	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619719		IEEE Conferences
705	Hamiltonian-Based Control Approach with Pendulum Application	C. Pozna; R. -E. Precup; A. Ballagi	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	12-Aug-24	2024	10.1109/SACI60582.2024.10619844		IEEE Conferences
706	Visual Analysis of the Bibliometric Data Associated with the Calibration of Car-Following Models	M. -D. Pop; M. V. Micea	2024 20th International Conference on Distributed Computing in Smart Systems and the Internet of Things (DCOSS-IoT)	12-Aug-24	2024	10.1109/DCOSS-IoT61029.2024.00101		IEEE Conferences
707	General Population EMF Exposure Evolution in Anticipation of 5G: A Study at 5 Years Difference	T. Petrita; D. B. Deaconescu; S. Miclaus	2024 IEEE International Symposium on Measurements & Networking (M&N)	06-Aug-24	2024	10.1109/MN60932.2024.10615901		IEEE Conferences
708	Constrained Adaptive Nonlinear Unsharp Masking	C. Orhei; I. Porobic; A. Avram	2024 47th International Conference on Telecommunications and Signal Processing (TSP)	30-Jul-24	2024	10.1109/TSP63128.2024.10605938		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
709	High Torque Density Double Stator PM Synchronous Machine	D. D. Patel; I. Boldea; B. Fahimi; M. B. Fard	2024 IEEE Transportation Electrification Conference and Expo (ITEC)	24-Jul-24	2024	10.1109/ITEC60657.2024.10598977	5	IEEE Conferences
710	Hybrid Current Control of Rare Earth Free Biaxial Excitation Synchronous Machines	K. M. P. K. Namburi; P. Pramod; R. Chattopadhyay; I. Boldea; I. Husain	2024 IEEE Transportation Electrification Conference and Expo (ITEC)	24-Jul-24	2024	10.1109/ITEC60657.2024.10599021	2	IEEE Conferences
711	Family Businesses and Green Transformation - Attitudes and Opportunities for the Development of Sustainable Intergenerational Businesses	D. Pavlov; M. Tamasila; A. Todorova; J. Murzina	2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	23-Jul-24	2024	10.1109/EEAE60309.2024.10600633		IEEE Conferences
712	Networked control of a Parrot Mambo drone	A. Codrean; A. Kovács; O. Stefan; Z. Lendek	2024 IEEE 33rd International Symposium on Industrial Electronics (ISIE)	19-Jul-24	2024	10.1109/ISIE54533.2024.10595831		IEEE Conferences
713	Long Short-Term Memory-Based Prediction Solution Inside a Decentralized Proactive Historian for Water Industry 4.0	A. Korodi; A. Nicolae; D. Brisc; I. Drăghici; A. Corui	IEEE Access	24-Jul-24	2024	10.1109/ACCESS.2024.3428866		IEEE Journals
714	Digital Bridges Across the Ocean: The TalkTech Project's Journey of Fostering Open Education in Virtual Reality	M. Frydenberg; D. Andone	2024 IEEE Global Engineering Education Conference (EDUCON)	08-Jul-24	2024	10.1109/EDUCON60312.2024.10578755		IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
715	Opening Horizons for European Universities Alliances in Open Education	D. Andone; R. Vasiu; V. Mihaescu; S. Vert; A. Ternauciuc; M. Mocofan	2024 IEEE Global Engineering Education Conference (EDUCON)	08-Jul-24	2024	10.1109/EDUCON60312.2024.10578657		IEEE Conferences
716	Analysis of Regression-based MPPT Algorithms in PV System	C. Ichim-Burlacu; C. -L. Rat; M. Panoiu	2024 6th Global Power, Energy and Communication Conference (GPECOM)	05-Jul-24	2024	10.1109/GPECOM61896.2024.10582762		IEEE Conferences
717	Buck-Boost Converter Modeling and Control based on its Role within a Microgrid	C. Ichim-Burlacu; C. -L. Rat; O. Prostean	2024 6th Global Power, Energy and Communication Conference (GPECOM)	05-Jul-24	2024	10.1109/GPECOM61896.2024.10582595		IEEE Conferences
718	A Look at Lookup Tables as PV MPPT Methods	C. Ichim-Burlacu; C. -L. Rat; M. Panoiu	2024 6th Global Power, Energy and Communication Conference (GPECOM)	05-Jul-24	2024	10.1109/GPECOM61896.2024.10582696		IEEE Conferences
719	Accuracy of Three-Point Interpolated DFT Frequency and Damping Factor Estimators	D. Belega; D. Petri	2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)	28-Jun-24	2024	10.1109/I2MTC60896.2024.10560703	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
720	LabVIEW Virtual Instrument for the Command of an Adaptive Balancing Capacitive Compensator	A. Baloi; A. Pana; F. Molnar-Matei; D. Cerbu; I. Popa	2024 24th International Scientific Conference on Electric Power Engineering (EPE)	24-Jun-24	2024	10.1109/EPE61521.2024.10559534		IEEE Conferences
721	Beam-Steering Antenna Technique Using Operational Amplifiers for Sub-6 GHz	L. Kouhalvandi; L. Matekovits	IEEE Access	25-Jun-24	2024	10.1109/ACCESS.2024.3416311	1	IEEE Journals
722	Fast Efficiency Optimization Control Based on Orthogonal Current Phasor Model for Linear Oscillatory Motor	W. Xu; Y. Gong; J. Ge; K. Liao; G. Liao; M. Zhang; I. Boldea	IEEE Transactions on Power Electronics	16-Jul-24	2024	10.1109/TPEL.2024.3412739	3	IEEE Journals
723	A Certificate-Based Ring Signcryption Scheme for Securing UAV-Enabled Private Edge Computing Systems	M. Asghar Khan; I. Ullah; N. Kumar; F. Afghah; G. Barb; F. Noor; S. Alqahtany	IEEE Access	18-Jun-24	2024	10.1109/ACCESS.2024.3409359	6	IEEE Journals
724	Uterine Corpus Endometrial Carcinoma Prediction from Genomic Analysis with Machine Learning	M. A. Mercioni; S. Holban	2024 International Conference on Development and Application Systems (DAS)	31-May-24	2024	10.1109/DAS61944.2024.10541297	2	IEEE Conferences
725	Exploring Gender Bias and Toxic Comments Using Artificial Intelligence: Trends and Implications	M. A. Mercioni; S. Holban	2024 International Conference on Development and Application Systems (DAS)	31-May-24	2024	10.1109/DAS61944.2024.10541152	1	IEEE Conferences

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
726	Low-Speed Control Strategy of Permanent Magnet Direct Drive Motor Based on Rotor Position Tracking Combined With Disturbance Observation	F. Bu; Z. Guo; R. Du; Z. Dong; D. Zhang; F. Xuan; H. Qin; J. Chu; S. I. Deaconu	IEEE Transactions on Energy Conversion	26-Nov-24	2024	10.1109/TEC.2024.3407104		IEEE Journals
727	Active Flux Based Advanced Encoderless AC Drives: A Tutorial Review	I. Boldea; A. -A. Popa; F. Blaabjerg	IEEE Transactions on Power Electronics	29-Aug-24	2024	10.1109/TPEL.2024.3405073	5	IEEE Journals
728	An Efficient Authentication and Access Control Protocol for Securing UAV Networks Against Anomaly-Based Intrusion	K. Rahman; M. A. Khan; F. Afghah; G. Barb; N. Innab; T. Ahmed Cheema	IEEE Access	07-May-24	2024	10.1109/ACCESS.2024.3395494	2	IEEE Journals
729	Predictive Reliability Assessment Workflow for System-Level Reliability of Solder Interconnections	I. ă€“. E. Ȃginca	2024 25th International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems (EuroSimE)	09-Apr-24	2024	10.1109/EuroSimE60745.2024.10491443		IEEE Conferences

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Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
730	Cyberattacks on Adaptive Cruise Controls and Emergency Braking Systems: Adversary Models, Impact Assessment, and Countermeasures	A. Berdich; B. Groza	IEEE Transactions on Reliability	03-Jun-24	2024	10.1109/TR.2024.3373810	5	IEEE Journals
731	Rare-Earth Free Unity Power Factor Bi-Axial Excitation Synchronous Machine for Traction Applications	R. Chattopadhyay; J. Jung; M. S. Islam; I. Boldea; I. Husain	IEEE Transactions on Industry Applications	18-Jul-24	2024	10.1109/TIA.2024.3379312	6	IEEE Journals
732	Increasing the Solar Reliability Factor of a Dual-Axis Solar Tracker Using an Improved Online Built-In Self-Test Architecture	S. L. Jurj; R. Rotar	IEEE Access	18-Mar-24	2024	10.1109/ACCESS.2024.3375333	3	IEEE Journals
733	UML Diagrams in Teaching Software Engineering Classes. A Case Study In Computer Science Class	D. -C. Apostol; R. Bogdan; M. Marcu	2024 IEEE 22nd World Symposium on Applied Machine Intelligence and Informatics (SAMI)	14-Feb-24	2024	10.1109/SAMI60510.2024.10432905	3	IEEE Conferences
734	Design and Performance Measurement of Worn-on-Body Instrumental Ultra-Miniaturized UWB Wearable Patch for e-Health Monitoring	S. Modak; V. Kaim; T. Khan; B. K. Kanaujia; L. Matekovits; K. Rambabu	IEEE Access	23-Feb-24	2024	10.1109/ACCESS.2024.3365938	13	IEEE Journals

Numărul de citări acumulate de UPT în perioada supusă evaluării în IEEE

Nr. crt.	Document Title	Authors	Publication Title	Date Added To Xplore	Publication Year	DOI	Article Citation Count	Document Identifier
735	Dynamic-Decoupled Current Control Based on Reduced-Order Observer for Dual Stator-Winding Induction Generator	F. Bu; H. Liu; W. Huang; J. Shi; Z. Liu; T. Sun; H. Qin; Z. Luo; S. I. Deaconu	IEEE Journal of Emerging and Selected Topics in Power Electronics	02-Feb-24	2024	10.1109/JESTPE.2023.3340339		IEEE Journals
736	Automotive Electric Propulsion Systems: A Technology Outlook	B. Fahimi; L. H. Lewis; J. M. Miller; S. D. Pekarek; I. Boldea; B. Ozpineci; K. Hameyer; S. E. Schulz; A. Ghaderi; M. Popescu; B. Lehman; D. D. Patel	IEEE Transactions on Transportation Electrification	18-Sep-24	2024	10.1109/TTE.2023.3321707	12	IEEE Journals
737	Control System Level Intrusion Detection on J1939 Heavy-Duty Vehicle Buses	C. Jichici; A. Berdich; A. Musuroi; B. Groza	IEEE Transactions on Industrial Informatics	22-Jan-24	2024	10.1109/TII.2023.3283995	6	IEEE Journals
738	Improved Position Sensorless Resonant Frequency Tracking Control Method for Linear Oscillatory Machine	K. Liao; W. Xu; J. Ge; I. Boldea	IEEE Transactions on Industrial Electronics	31-Oct-23	2024	10.1109/TIE.2023.3273251	9	IEEE Journals
739	Guest Editorial to the Special Section on Composite Adaptive and Learning Control With Robotic Applications	Y. Pan; S. Baldi; C. Yang; R. - E. Precup	IEEE Control Systems Letters	22-Mar-24	2024	10.1109/LCSYS.2024.3367048	1	IEEE Journals

**Numărul de citări acumulate de UPT în perioada supusă evaluării pentru științe umaniste,
Arts & Humanities Citation Index, în reviste indexate CNCS (A sau B) și cărți**

Citări lucrări publicate de autori cu afiliere UPT in reviste indexate CNCS (A sau B) si carti

capitol	Citari	2020	2021	2022	2023	2024	TOTAL
4.3.	4.3.Citari_articole publicate in reviste indexate CNCS (A sau B)	203	197	195	294	281	1,170
4.3.	4.3.Citari_carti non WOS	25	18	8	11	17	79
4.3.	TOTAL Citari_articole publicate in reviste indexate CNCS (A sau B) + Citari_carti non WOS =	228	215	203	305	298	1,249