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UNIVERSITATEA POLITEHNICA TIMISOARA

4. Rezultatele activității de cercetare și impact la nivel național și internațional

4.1. Lucrări de amploare și importanță fundamentală; cărți, tratate, enciclopedii, monografii, studii și capitole coordonate/publicate/editate; articole publicate; brevete aplicate/valorificate/obținute

Listă articole Q1 pe ani

Nr. crt.	Nume și prenume autori	Titlu articol	Denumire revista	Numar revistă	Numar revistă2	DOI	An publicare	Numar de pagini	WOS	Link articol
1	Negirla, Paul; Druta, Romina; Silea, Ioan	Availability Improvements through Data Slicing in PLC Smart Grid Networks	SENSORS	20	24	http://dx.doi.org/10.3390/s20247256	2020	15	WOS:000603202800001	View Full Record in Web of Science
2	Vancea, Cosmin; Mihailescu, Maria; Negrea, Adina; Mosoarca, Giannin; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Minzatu, Vasile	Batch and Fixed-Bed Column Studies on Palladium Recovery from Acidic Solution by Modified MgSiO3	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	17	24	http://dx.doi.org/10.3390/ijerph17249500	2020	17	WOS:000602790200001	View Full Record in Web of Science
3	Binzar, Tudor; Pater, Flavius; Nadaban, Sorin	Fuzzy bounded operators with application to Radon transform	CHAOS SOLITONS & FRACTALS	141		http://dx.doi.org/10.1016/j.chaos.2020.110359	2020	7	WOS:000598540800007	View Full Record in Web of Science
4	Topirceanu, Alexandru; Udrescu, Lucretia; Udrescu, Mihai; Mihaicuta, Stefan	Gender Phenotyping of Patients with Obstructive Sleep Apnea Syndrome Using a Network Science Approach	JOURNAL OF CLINICAL MEDICINE	9	12	http://dx.doi.org/10.3390/jcm9124025	2020	12	WOS:000602059900001	View Full Record in Web of Science
5	Ardean, Cristina; Ciopec, Mihaela; Davidescu, Corneliu Mircea; Negrea, Petru; Voda, Raluca	Kinetics and Thermodynamics Studies for Cadmium (II) Adsorption onto Functionalized Chitosan with Hexa-Decyl-Trimethyl-Ammonium Chloride	MATERIALS	13	23	http://dx.doi.org/10.3390/ma13235552	2020	16	WOS:000597485300001	View Full Record in Web of Science
6	Erdelyi, Ralph-Alexandru; Duma, Virgil-Florin; Sinescu, Cosmin; Dobre, George Mihai; Bradu, Adrian; Podoleanu, Adrian	Dental Diagnosis and Treatment Assessments: Between X-rays Radiography and Optical Coherence Tomography	MATERIALS	13	21	http://dx.doi.org/10.3390/ma13214825	2020	24	WOS:000589325700001	View Full Record in Web of Science
7	Pugna, Adrian; Negrea, Romeo; Linul, Emanoil; Marsavina, Liviu	Is Fracture Toughness of PUR Foams a Material Property? A Statistical Approach	MATERIALS	13	21	http://dx.doi.org/10.3390/ma13214868	2020	13	WOS:000589326600001	View Full Record in Web of Science
8	Miclea, Razvan-Catalin; Dughir, Ciprian; Alexa, Florin; Sandru, Florin; Silea, Ioan	Laser and LIDAR in a System for Visibility Distance Estimation in Fog Conditions	SENSORS	20	21	http://dx.doi.org/10.3390/s20216322	2020	22	WOS:000589309400001	View Full Record in Web of Science
9	Epasto, Gabriella; Distefano, Fabio; Gu, Linxia; Mozafari, Hozhabr; Linul, Emanoil	Design and optimization of Metallic Foam Shell protective device against flying ballast impact damage in railway axles	MATERIALS & DESIGN	196		http://dx.doi.org/10.1016/j.matdes.2020.109120	2020	16	WOS:000588266900001	View Full Record in Web of Science
10	Don, Rafaela; Ciutina, Adrian; Vulcu, Cristian; Stratan, Aurel	Seismic-resistant slim-floor beam-to-column joints: experimental and numerical investigations	STEEL AND COMPOSITE STRUCTURES	37	3	http://dx.doi.org/10.12989/scs.2020.37.3.307	2020	15	WOS:000587318200004	View Full Record in Web of Science
11	Farcas, Claudia Geanina; Dehelean, Cristina; Pinzaru, Iulia Andreea; Mioc, Marius; Socoliuc, Vlad; Moaca, Elena-Alina; Avram, Stefana; Ghiulai, Roxana; Coricovac, Dorina; Pavel, Ioana; Alla, Praveen Kumar; Cretu, Octavian Marius; Soica, Codruta; Loghin, Felicia	Thermosensitive Betulinic Acid-Loaded Magnetoliposomes: A Promising Antitumor Potential for Highly Aggressive Human Breast Adenocarcinoma Cells Under Hyperthermic Conditions	INTERNATIONAL JOURNAL OF NANOMEDICINE	15		http://dx.doi.org/10.2147/IJN.S269630	2020	26	WOS:000580921900001	View Full Record in Web of Science
12	Ioana, Alexandru; Korodi, Adrian	Improving OPC UA Publish-Subscribe Mechanism over UDP with Synchronization Algorithm and Multithreading Broker Application	SENSORS	20	19	http://dx.doi.org/10.3390/s20195591	2020	21	WOS:000586423100001	View Full Record in Web of Science

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13	Pop, Madalin-Dorin; Prostean, Octavian; David, Tudor-Mihai; Prostean, Gabriela	Hybrid Solution Combining Kalman Filtering with Takagi-Sugeno Fuzzy Inference System for Online Car-Following Model Calibration	SENSORS	20	19	http://dx.doi.org/10.3390/s20195539	2020	20	WOS:000586442700001	View Full Record in Web of Science
14	Negrea, Adina; Mihailescu, Maria; Mosoarca, Giannin; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Minzatu, Vasile	Estimation on Fixed-Bed Column Parameters of Breakthrough Behaviors for Gold Recovery by Adsorption onto Modified/Functionalized Amberlite XAD7	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	17	18	http://dx.doi.org/10.3390/ijerph17186868	2020	14	WOS:000582452000001	View Full Record in Web of Science
15	Dragicevic, Davor; Pecek, Nevena Jurcevic; Lupa, Nicolae	Admissibility and general dichotomies for evolution families	ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS		58	http://dx.doi.org/10.14232/ejqtde.2020.158	2020	19	WOS:000582430500001	View Full Record in Web of Science
16	Zaharia, Cristian; Duma, Virgil-Florin; Sinescu, Cosmin; Socoliuc, Vlad; Craciunescu, Izabell; Turcu, Rodica Paula; Marin, Catalin Nicolae; Tudor, Anca; Rominu, Mihai; Negrutiu, Meda-Lavinia	Dental Adhesive Interfaces Reinforced with Magnetic Nanoparticles: Evaluation and Modeling with Micro-CT versus Optical Microscopy	MATERIALS	13	18	http://dx.doi.org/10.3390/ma13183908	2020	24	WOS:000580764500001	View Full Record in Web of Science
17	Karagiorgis, Savvas; Tsamis, Alkiviadis; Voutouri, Chrysovalantis; Turcu, Rodica; Porav, Sebastian Alin; Socoliuc, Vlad; Vekas, Ladislau; Louca, Maria; Stylianopoulos, Triantafyllos; Vavourakis, Vasileios; Krasia-Christoforou, Theodora	Engineered magnetoactive collagen hydrogels with tunable and predictable mechanical response	MATERIALS SCIENCE AND ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	114		http://dx.doi.org/10.1016/j.msec.2020.111089	2020	8	WOS:000579654700054	View Full Record in Web of Science
18	Cveticanin, Dragan; Herisanu, Nicolae; Biro, Istvan; Zukovic, Miodrag; Cveticanin, Livija	Vibration of the Biomass Boiler Tube Excited with Impact of the Cleaning Device	MATHEMATICS	8	9	http://dx.doi.org/10.3390/math8091519	2020	13	WOS:000580209000001	View Full Record in Web of Science
19	Ene, Remus-Daniel; Pop, Camelia; Petrisor, Camelia	Systematic Review of Geometrical Approaches and Analytical Integration for Chen's System	MATHEMATICS	8	9	http://dx.doi.org/10.3390/math8091530	2020	14	WOS:000580101000001	View Full Record in Web of Science
20	Udrescu, Lucretia; Bogdan, Paul; Chis, Aimee; Sirbu, Ioan Ovidiu; Topirceanu, Alexandru; Varut, Renata-Maria; Udrescu, Mihai	Uncovering New Drug Properties in Target-Based Drug-Drug Similarity Networks	PHARMACEUTICS	12	9	http://dx.doi.org/10.3390/pharmaceutics12090879	2020	27	WOS:000580200400001	View Full Record in Web of Science
21	Murvay, Pal-Stefan; Groza, Bogdan	Efficient Physical Layer Key Agreement for FlexRay Networks	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	69	9	http://dx.doi.org/10.1109/TVT.2020.3002616	2020	14	WOS:000577995300041	View Full Record in Web of Science
22	Tulcan, Aurel; Vasilescu, Mircea Dorin; Tulcan, Liliana	Study of the Influence of Technological Parameters on Generating Flat Part with Cylindrical Features in 3D Printing with Resin Cured by Optical Processing	POLYMERS	12	9	http://dx.doi.org/10.3390/polym12091941	2020	24	WOS:000579963900001	View Full Record in Web of Science
23	Popa, Simona; Milea, Marius Silviu; Boran, Sorina; Nitu, Sabina Violeta; Mosoarca, Giannin Emanuel; Vancea, Cosmin; Lazau, Radu Ioan	Rapid adulteration detection of cold pressed oils with their refined versions by UV-Vis spectroscopy	SCIENTIFIC REPORTS	10	1	http://dx.doi.org/10.1038/s41598-020-72558-7	2020	9	WOS:000577212800012	View Full Record in Web of Science
24	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Gheju, Marius; Boran, Sorina	Syringa vulgaris leaves powder a novel low-cost adsorbent for methylene blue removal: isotherms, kinetics, thermodynamic and optimization by Taguchi method	SCIENTIFIC REPORTS	10	1	http://dx.doi.org/10.1038/s41598-020-74819-x	2020	9	WOS:000585197800006	View Full Record in Web of Science
25	Craciunescu, Corneliu M.; Kohl, Manfred; Ercuta, Aurel	Micro-actuation design in VO2-based bimorph cantilevers	SMART MATERIALS AND STRUCTURES	29	11	http://dx.doi.org/10.1088/1361-665X/abb353	2020	10	WOS:000575343200001	View Full Record in Web of Science

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26	Buncianu, Dorel; Tessier-Doyen, Nicolas; Absi, Joseph; Negru, Radu; Serban, Dan-Andrei; Marsavina, Liviu	Multi-Scale Mechanical Behaviour of a Highly Porous Alumina Based Foam	METALS AND MATERIALS INTERNATIONAL	26	10	http://dx.doi.org/10.1007/s12540-019-00413-0	2020	9	WOS:000572740300008	View Full Record in Web of Science
27	Pohoryles, D. A.; Maduta, C.; Bourmas, D. A.; Kouris, L. A.	Energy performance of existing residential buildings in Europe: A novel approach combining energy with seismic retrofitting	ENERGY AND BUILDINGS	223		http://dx.doi.org/10.1016/j.enbuild.2020.110024	2020	22	WOS:000571451100009	View Full Record in Web of Science
28	Ioana, Alexandru; Korodi, Adrian	OPC UA Publish-Subscribe and VSOME/IP Notify-Subscribe Based Gateway Application in the Context of Car to Infrastructure Communication	SENSORS	20	16	http://dx.doi.org/10.3390/s20164624	2020	20	WOS:000567379300001	View Full Record in Web of Science
29	Artene, Alin; Bunget, Ovidiu-Constantin; Dumitrescu, Alin-Constantin; Domil, Aura-Emanuela; Bogdan, Oana	Non-Financial Information Disclosures and Environmental Protection-Evidence from Romania and Greece	FORESTS	11	8	http://dx.doi.org/10.3390/f11080814	2020	16	WOS:000567087300001	View Full Record in Web of Science
30	Marinca, Vasile; Herisanu, Nicolae	Optimal Auxiliary Functions Method for a Pendulum Wrapping on Two Cylinders	MATHEMATICS	8	8	http://dx.doi.org/10.3390/math8081364	2020	18	WOS:000567345400001	View Full Record in Web of Science
31	Bota, Constantin; Caruntu, Bogdan; Tucu, Dumitru; Lapadat, Marioara; Pasca, Madalina Sofia	A Least Squares Differential Quadrature Method for a Class of Nonlinear Partial Differential Equations of Fractional Order	MATHEMATICS	8	8	http://dx.doi.org/10.3390/math8081336	2020	12	WOS:000564843900001	View Full Record in Web of Science
32	Bucur, Alexandra Ioana; Linul, Emanoil; Taranu, Bogdan-Ovidiu	Hydroxyapatite coatings on Ti substrates by simultaneous precipitation and electrodeposition	APPLIED SURFACE SCIENCE	527		http://dx.doi.org/10.1016/j.apsusc.2020.146820	2020	11	WOS:000564206200001	View Full Record in Web of Science
33	Isfanuti, Andy-Sorin; Tutelea, Lucian Nicolae; Boldea, Ion; Staudt, Tiago; da Silva, Pyter Ely	Outer Ferrite-PM-Rotor BLAC Motor Characterization: FEM-Assisted Optimal Design and Preliminary Experiments	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	56	3	http://dx.doi.org/10.1109/TIA.2020.2979672	2020	10	WOS:000559740800045	View Full Record in Web of Science
34	Chirita-Emandi, Adela; Andreescu, Nicoleta; Zimbru, Cristian G.; Tutac, Paul; Arghirescu, Smaranda; Serban, Margit; Puiu, Maria	Challenges in reporting pathogenic/potentially pathogenic variants in 94 cancer predisposing genes - in pediatric patients screened with NGS panels	SCIENTIFIC REPORTS	10	1	http://dx.doi.org/10.1038/s41598-019-57080-9	2020	9	WOS:000562797500003	View Full Record in Web of Science
35	Groza, Bogdan; Popa, Lucian; Murvay, Pal-Stefan	Highly Efficient Authentication for CAN by Identifier Reallocation With Ordered CMACs	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	69	6	http://dx.doi.org/10.1109/TVT.2020.2990954	2020	12	WOS:000558744200033	View Full Record in Web of Science
36	Herisanu, Nicolae; Marinca, Vasile	An Efficient Analytical Approach to Investigate the Dynamics of a Misaligned Multirotor System	MATHEMATICS	8	7	http://dx.doi.org/10.3390/math8071083	2020	18	WOS:000558458300001	View Full Record in Web of Science
37	Popa, Calin-Adrian; Kaslik, Eva	Finite-Time Mittag-Leffler Synchronization of Neutral-Type Fractional-Order Neural Networks with Leakage Delay and Time-Varying Delays	MATHEMATICS	8	7	http://dx.doi.org/10.3390/math8071146	2020	17	WOS:000558397700001	View Full Record in Web of Science
38	Pietras, Daniel; Linul, Emanoil; Sadowski, Tomasz; Rusinek, Alexis	Out-of-plane crushing response of aluminum honeycombs in-situ filled with graphene-reinforced polyurethane foam	COMPOSITE STRUCTURES	249		http://dx.doi.org/10.1016/j.compstruct.2020.112548	2020	18	WOS:000555562900007	View Full Record in Web of Science
39	Hegyi, Alexandru; Sarris, Apostolos; Curta, Florin; Floca, Cristian; Fortiu, Sorin; Urdea, Petru; Onaca, Alexandru; Timofte, Fabian; Pisz, Michal; Timut, Sergiu; Nica, Madalina; Maciulschi, Daiana; Stavila, Andrei	Deserted Medieval Village Reconstruction Using Applied Geosciences	REMOTE SENSING	12	12	http://dx.doi.org/10.3390/rs12121975	2020	24	WOS:000554597000001	View Full Record in Web of Science

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40	Lupa, Nicolae	A New Approach on Datko-Zabczyk Method for Nonuniform Exponential Stability	MATHEMATICS	8	7	http://dx.doi.org/10.3390/math8071095	2020	10	WOS:000554169400001	View Full Record in Web of Science
41	Kiss, Gabriel; Rusu, Gerlinde; Peter, Francisc; Tanase, Ionut; Bandur, Geza	Recovery of Flexible Polyurethane Foam Waste for Efficient Reuse in Industrial Formulations	POLYMERS	12	7	http://dx.doi.org/10.3390/polym12071533	2020	14	WOS:000554264900001	View Full Record in Web of Science
42	Mirsu, Radu; Simion, Georgiana; Căleanu, Catalin Daniel; Pop-Calimanu, Ioana Monica	A PointNet-Based Solution for 3D Hand Gesture Recognition	SENSORS	20	11	http://dx.doi.org/10.3390/s20113226	2020	14	WOS:000552737900219	View Full Record in Web of Science
43	Covaci, Corina; Gontean, Aurel	Piezoelectric Energy Harvesting Solutions: A Review	SENSORS	20	12	http://dx.doi.org/10.3390/s20123512	2020	37	WOS:000553139200001	View Full Record in Web of Science
44	Korodi, Adrian; Anitei, Denis; Boitor, Alexandru; Silea, Ioan	Image-Processing-Based Low-Cost Fault Detection Solution for End-of-Line ECUs in Automotive Manufacturing	SENSORS	20	12	http://dx.doi.org/10.3390/s20123520	2020	24	WOS:000553059800001	View Full Record in Web of Science
45	Cochei, L.; Lupa, L.; Tolea, N. S.; Muntean, C.; Negrea, P.	Sequential use of ionic liquid functionalized Zn-Al layered double hydroxide as adsorbent and photocatalyst	SEPARATION AND PURIFICATION TECHNOLOGY	250		http://dx.doi.org/10.1016/j.seppur.2020.117104	2020	9	WOS:000552061600019	View Full Record in Web of Science
46	Tigan, G.; Lazureanu, C.; Munteanu, F.; Sterbeti, C.; Florea, A.	Bifurcation diagrams in a class of Kolmogorov systems	NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS	56		http://dx.doi.org/10.1016/j.nonrwa.2020.103154	2020	14	WOS:000549179500002	View Full Record in Web of Science
47	Tanase, Ionut-Mihai; Sbarcea, Laura; Ledeti, Adriana; Vlase, Gabriela; Barvinschi, Paul; Varut, Renata-Maria; Dragomirescu, Anca; Axente, Carmen; Ledeti, Ionut	Physicochemical characterization and molecular modeling study of host-guest systems of aripiprazole and functionalized cyclodextrins	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	141	3	http://dx.doi.org/10.1007/s10973-020-09549-3	2020	13	WOS:000547257000007	View Full Record in Web of Science
48	Khezzzadeh, Omid; Mirzaee, Omid; Emadoddin, Esmail; Linul, Emanoil	Anisotropic Compressive Behavior of Metallic Foams under Extreme Temperature Conditions	MATERIALS	13	10	http://dx.doi.org/10.3390/ma13102329	2020	14	WOS:000539277000121	View Full Record in Web of Science
49	Visa, Aurelia; Maranescu, Bianca; Lupa, Lavinia; Crisan, Luminita; Borota, Ana	New Efficient Adsorbent Materials for the Removal of Cd(II) from Aqueous Solutions	NANOMATERIALS	10	5	http://dx.doi.org/10.3390/nano10050899	2020	15	WOS:000540781800082	View Full Record in Web of Science
50	Vlase, Dan; Codruta, Mosoiu; Vlase, Gabriela; Lazau, Radu; Vlase, Titus	Comparative analyses of Roman mortars belonging to different ancient periods from Drobeta-Turnu Severin region	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	141	3	http://dx.doi.org/10.1007/s10973-020-09917-z	2020	8	WOS:000541686400003	View Full Record in Web of Science
51	Popa, Calin-Adrian	Dissipativity of impulsive matrix -valued neural networks with leakage delay and mixed delays	NEUROCOMPUTING	405		http://dx.doi.org/10.1016/j.neucom.2020.03.042	2020	11	WOS:000541449400008	View Full Record in Web of Science
52	Precup, Radu-Emil; Teban, Teodor-Adrian; Albu, Adriana; Borlea, Alexandra-Bianca; Zamfirache, Iuliu Alexandru; Petriu, Emil M.	Evolving Fuzzy Models for Prosthetic Hand Myoelectric-Based Control	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	69	7	http://dx.doi.org/10.1109/TIM.2020.2983531	2020	12	WOS:000542954500002	View Full Record in Web of Science
53	Tanase, Ionut-Mihai; Sbarcea, Laura; Ledeti, Adriana; Barvinschi, Paul; Circioban, Denisa; Vlase, Gabriela; Varut, Renata-Maria; Ledeti, Ionut	Compatibility studies with pharmaceutical excipients for aripiprazole-heptakis (2,6-di-O-methyl)- β -cyclodextrin supramolecular adduct	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	142	5	http://dx.doi.org/10.1007/s10973-020-09901-7	2020	14	WOS:000540407200001	View Full Record in Web of Science
54	Vangijzegem, Thomas; Stanicki, Dimitri; Panepinto, Adriano; Socoliuc, Vlad; Vekas, Ladislau; Muller, Robert N.; Laurent, Sophie	Influence of Experimental Parameters of a Continuous Flow Process on the Properties of Very Small Iron Oxide Nanoparticles (VSION) Designed for Ti -Weighted Magnetic Resonance Imaging (MRI)	NANOMATERIALS	10	4	http://dx.doi.org/10.3390/nano10040757	2020	17	WOS:000539577200160	View Full Record in Web of Science
55	Albulescu, Claudiu Tiberiu; Tiwari, Aviral Kumar; Ji, Qiang	Copula-based local dependence among energy, agriculture and metal commodities markets	ENERGY	202		http://dx.doi.org/10.1016/j.energy.2020.117762	2020	14	WOS:000538592700081	View Full Record in Web of Science

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56	Apopei, Petru; Orha, Corina; Popescu, Mina Ionela; Lazau, Carmen; Manea, Florica; Catrinescu, Cezar; Teodosiu, Carmen	Diclofenac removal from water by photocatalysis- assisted filtration using activated carbon modified with N-doped TiO ₂	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	138		http://dx.doi.org/10.1016/j.psep.2020.03.012	2020	13	WOS:000538807400003	View Full Record in Web of Science
57	Bosio, Alin Ilie; Tanasa, Constantin	Experimental study of swirling flow from conical diffusers using the water jet control method	RENEWABLE ENERGY	152		http://dx.doi.org/10.1016/j.renene.2020.01.080	2020	14	WOS:000536949600033	View Full Record in Web of Science
58	Dumitru, Raluca; Negrea, Sorina; Ianculescu, Adelina; Pacurariu, Cornelia; Vasile, Bogdan; Surdu, Adrian; Manca, Florica	Lanthanum Ferrite Ceramic Powders: Synthesis, Characterization and Electrochemical Detection Application	MATERIALS	13	9	http://dx.doi.org/10.3390/ma13092061	2020	17	WOS:000535941100055	View Full Record in Web of Science
59	Ancuti, Cosmin; Ancuti, Codruta O.; De Vleeschouwer, Christophe; Bovik, Alan C.	Day and Night-Time Dehazing by Local Airlight Estimation	IEEE TRANSACTIONS ON IMAGE PROCESSING	29		http://dx.doi.org/10.1109/TIP.2020.2988203	2020	12	WOS:000536054200004	View Full Record in Web of Science
60	Pascu, Bogdan; Negrea, Adina; Ciopec, Mihaela; Davidescu, Corneliu Mircea; Negrea, Petru; Gherman, Vasile; Duteanu, Narcis	New Generation of Antibacterial Products Based on Colloidal Silver	MATERIALS	13	7	http://dx.doi.org/10.3390/ma13071578	2020	22	WOS:000529875600096	View Full Record in Web of Science
61	Lascu, Cristian; Argeanu, Alin; Blaabjerg, Frede	Supertwisting Sliding-Mode Direct Torque and Flux Control of Induction Machine Drives	IEEE TRANSACTIONS ON POWER ELECTRONICS	35	5	http://dx.doi.org/10.1109/TPEL.2019.2944124	2020	9	WOS:000530033300033	View Full Record in Web of Science
62	Negrea, R.	On a class of nonlinear stochastic integral equations	NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS	54		http://dx.doi.org/10.1016/j.nonrwa.2020.103104	2020	7	WOS:000528187600018	View Full Record in Web of Science
63	Tmusic, Goran; Manfreda, Salvatore; Aasen, Helge; James, Mike R.; Goncalves, Gil; Ben-Dor, Eyal; Brook, Anna; Polinova, Maria; Juan Arranz, Jose; Meszaros, Janos; Zhuang, Ruodan; Johansen, Kasper; Malbeteau, Yoann; de Lima, Isabel Pedroso; Davids, Corine; Herban, Sorin; McCabe, Matthew F.	Current Practices in UAS-based Environmental Monitoring	REMOTE SENSING	12	6	http://dx.doi.org/10.3390/rs12061001	2020	35	WOS:000526820600103	View Full Record in Web of Science
64	Paparaskeva, G.; Dinev, M. M.; Krasiya-Christoforou, T.; Turcu, R.; Porav, S. A.; Balanean, F.; Socoliuc, V.	White Magnetic Paper with Zero Remanence Based on Electrospun Cellulose Microfibers Doped with Iron Oxide Nanoparticles	NANOMATERIALS	10	3	http://dx.doi.org/10.3390/nano10030517	2020	12	WOS:000526090400117	View Full Record in Web of Science
65	Tudoran, Razvan M.; Girban, Anania	On the rattleback dynamics	JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS	488	1	http://dx.doi.org/10.1016/j.jmaa.2020.124066	2020	21	WOS:000525911000010	View Full Record in Web of Science
66	Croitoru, Catalin; Pop, Mihai Alin; Bedo, Tibor; Cosnita, Mihaela; Roata, Ionut Claudiu; Hulka, Iosif	Physically Crosslinked Poly (Vinyl Alcohol)/Kappa-Carrageenan Hydrogels: Structure and Applications	POLYMERS	12	3	http://dx.doi.org/10.3390/polym12030560	2020	22	WOS:000525952000059	View Full Record in Web of Science
67	Pana, Ana-Maria; Ordodi, Valentin; Rusu, Gerlinde; Gherman, Vasile; Bandur, Geza; Rusnac, Lucian-Mircea; Dumitrel, Gabriela-Alina	Biodegradation Pattern of Glycopolymers Based on D-Mannose Oligomer and Hydroxypropyl Acrylate	POLYMERS	12	3	http://dx.doi.org/10.3390/polym12030704	2020	13	WOS:000525952000203	View Full Record in Web of Science
68	Stoia, Dan Ioan; Marsavina, Liviu; Linul, Emanoil	Mode I Fracture Toughness of Polyamide and Alumide Samples obtained by Selective Laser Sintering Additive Process	POLYMERS	12	3	http://dx.doi.org/10.3390/polym12030640	2020	12	WOS:000525952000139	View Full Record in Web of Science

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69	Pascu, Bogdan; Ardean, Cristina; Davidescu, Corneliu Mircea; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Rusu, Gerlinde	Modified Chitosan for Silver Recovery- Kinetics, Thermodynamic, and Equilibrium Studies	MATERIALS	13	3	http://dx.doi.org/10.3390/ma13030657	2020	15	WOS:000515503100164	View Full Record in Web of Science
70	Bauer, M.; Bruveris, M.; Cismas, E.; Escher, J.; Kolev, B.	Well-posedness of the EPDiff equation with a pseudo-differential inertia operator	JOURNAL OF DIFFERENTIAL EQUATIONS	269	1	http://dx.doi.org/10.1016/j.jde.2019.12.008	2020	38	WOS:000523564600009	View Full Record in Web of Science
71	Buda, Valentina; Baul, Bianca; Andor, Minodora; Man, Dana Emilia; Ledeti, Adriana; Vlase, Gabriela; Vlase, Titus; Danciu, Corina; Matusz, Petru; Peter, Francisc; Ledeti, Ionut	Solid State Stability and Kinetics of Degradation for Candesartan-Pure Compound and Pharmaceutical Formulation	PHARMACEUTICS	12	2	http://dx.doi.org/10.3390/pharmaceutics12020086	2020	17	WOS:000519268500035	View Full Record in Web of Science
72	Ungureanu, Lucian; Micea, Mihai V.; Carstoiu, Gabriel	Online state of health prediction method for lithium-ion batteries, based on gated recurrent unit neural networks	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	44	8	http://dx.doi.org/10.1002/er.5413	2020	11	WOS:000524334200001	View Full Record in Web of Science
73	Todea, Anamaria; Aparaschivei, Diana; Bitcan, Ioan; Ledeti, Ionut Valentin; Bandur, Geza; Peter, Francisc; Nagy, Lajos; Keki, Sandor; Biro, Emese	Thermal behavior of oligo[(ε-caprolactone)-co-δ-gluconolactone] enzymatically synthesized in reaction conditions optimized by experimental design	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	141	3	http://dx.doi.org/10.1007/s10973-020-09557-3	2020	10	WOS:000522021900002	View Full Record in Web of Science
74	Lascu, Cristian; Andreescu, Gheorghe-Daniel	PLL Position and Speed Observer With Integrated Current Observer for Sensorless PMSM Drives	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	67	7	http://dx.doi.org/10.1109/TIE.2020.2972434	2020	10	WOS:000521375400073	View Full Record in Web of Science
75	Voicu, Adrian; Duteanu, Narcis; Voicu, Mirela; Vlad, Daliborca; Dumitrascu, Victor	The redk and cluster R packages applied to drug candidate selection	JOURNAL OF CHEMINFORMATICS	12	1	http://dx.doi.org/10.1186/s13321-019-0405-0	2020	8	WOS:000521248400001	View Full Record in Web of Science
76	Ledeti, Ionut; Bengescu, Cosmina; Circioban, Denisa; Vlase, Gabriela; Vlase, Titus; Tomoroga, Carmen; Buda, Valentina; Ledeti, Adriana; Dragomirescu, Anca; Murariu, Marius	Solid-state stability and kinetic study of three glucocorticoid hormones: prednisolone, prednisone and cortisone	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	141	3	http://dx.doi.org/10.1007/s10973-020-09534-w	2020	13	WOS:000520906300001	View Full Record in Web of Science
77	Tekle-Roettering, Agnes; Lim, Sungeun; Reisz, Erika; Lutze, Holger, V; Abdighahroudi, Mohammad Sajjad; Willach, Sarah; Schmidt, Winfried; Tentscher, Peter R.; Rentsch, Daniel; McArdell, Christa S.; Schmidt, Torsten C.; von Gunten, Urs	Reactions of pyrrole, imidazole, and pyrazole with ozone: kinetics and mechanisms	ENVIRONMENTAL SCIENCE-WATER RESEARCH & TECHNOLOGY	6	4	http://dx.doi.org/10.1039/c9ew01078e	2020	17	WOS:000525041900005	View Full Record in Web of Science
78	Linul, Emanoil; Marsavina, Liviu; Stoia, Dan Ioan	Mode I and II fracture toughness investigation of Laser-Sintered Polyamide	THEORETICAL AND APPLIED FRACTURE MECHANICS	106		http://dx.doi.org/10.1016/j.tafmec.2020.102497	2020	11	WOS:000519657500046	View Full Record in Web of Science
79	Stavi, I.; Siad, S. M.; Kyriazopoulos, A. P.; Halbac-Cotoara-Zamfir, R.	Water runoff harvesting systems for restoration of degraded rangelands: A review of challenges and opportunities	JOURNAL OF ENVIRONMENTAL MANAGEMENT	255		http://dx.doi.org/10.1016/j.jenvman.2019.109823	2020	13	WOS:000518708700012	View Full Record in Web of Science
80	Stratan, Aurel; Zub, Ciprian Ionut; Dubina, Dan	Prequalification of a set of buckling restrained braces: Part I - experimental tests	STEEL AND COMPOSITE STRUCTURES	34	4	http://dx.doi.org/10.12989/scs.2020.34.4.547	2020	13	WOS:000519533400006	View Full Record in Web of Science
81	Zub, Ciprian Ionut; Stratan, Aurel; Dubina, Dan	Prequalification of a set of buckling restrained braces: Part II - numerical simulations	STEEL AND COMPOSITE STRUCTURES	34	4	http://dx.doi.org/10.12989/scs.2020.34.4.561	2020	20	WOS:000519533400007	View Full Record in Web of Science

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82	Kolumban-Antal, Gyorgy; Lasak, Vladko; Bogdan, Razvan; Groza, Bogdan	A Secure and Portable Multi-Sensor Module for Distributed Air Pollution Monitoring	SENSORS	20	2	http://dx.doi.org/10.3390/s20020403	2020	19	WOS:000517790100077	View Full Record in Web of Science
83	Forton, A.; Mangiafico, S.; Sauzeat, C.; Di Benedetto, H.; Marc, P.	Properties of blends of fresh and RAP binders with rejuvenator: Experimental and estimated results	CONSTRUCTION AND BUILDING MATERIALS	236		http://dx.doi.org/10.1016/j.conbuildmat.2019.117555	2020	10	WOS:000514758800047	View Full Record in Web of Science
84	Roata, Ionut Claudiu; Croitoru, Catalin; Pascu, Alexandru; Stanciu, Elena Manuela; Hulka, Iosif; Petre, Ioana; Gabor, Camelia; Patroi, Delia; Sbarcea, Beatrice-Gabriela	Surface engineering of Ni-Al coatings through concentrated solar heat treatment	APPLIED SURFACE SCIENCE	506		http://dx.doi.org/10.1016/j.apsusc.2019.144185	2020	10	WOS:000512983600137	View Full Record in Web of Science
85	Codruta, Ancuti O.; Ancuti, Cosmin; De Vleeschouwer, Christophe; Sbert, Mateu	Color Channel Compensation (3C): A Fundamental Pre-Processing Step for Image Enhancement	IEEE TRANSACTIONS ON IMAGE PROCESSING	29		http://dx.doi.org/10.1109/TIP.2019.2951304	2020	13	WOS:000510744400013	View Full Record in Web of Science
86	Luca, Ruxandra Elena; Giuliani, Alessandra; Manescu, Adrian; Heredea, Rodica; Hoinoiu, Bogdan; Constantin, George Dumitru; Duma, Virgil-Florin; Todea, Carmen Darinca	Osteogenic Potential of Bovine Bone Graft in Combination with Laser Photobiomodulation: An Ex Vivo Demonstrative Study in Wistar Rats by Cross-Linked Studies Based on Synchrotron Microtomography and Histology	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	21	3	http://dx.doi.org/10.3390/ijms21030778	2020	17	WOS:000522551601047	View Full Record in Web of Science
87	Linul, Emanoil; Marsavina, Liviu; Valean, Cristina; Banica, Radu	Static and dynamic mode I fracture toughness of rigid PUR foams under room and cryogenic temperatures	ENGINEERING FRACTURE MECHANICS	225		http://dx.doi.org/10.1016/j.engfracmech.2018.12.007	2020	10	WOS:000507345600031	View Full Record in Web of Science
88	Popa, Calin-Adrian	Global μ -stability of neutral-type impulsive complex-valued BAM neural networks with leakage delay and unbounded time-varying delays	NEUROCOMPUTING	376		http://dx.doi.org/10.1016/j.neucom.2019.09.008	2020	22	WOS:000503433800007	View Full Record in Web of Science
89	Croitoru, Catalin; Roata, Ionut Claudiu; Pascu, Alexandru; Stanciu, Elena Manuela; Hulka, Iosif; Stoian, George; Lupu, Nicoleta	Photocatalytic surfaces obtained through one-step thermal spraying of titanium	APPLIED SURFACE SCIENCE	504		http://dx.doi.org/10.1016/j.apsusc.2019.144173	2020	16	WOS:000502040600179	View Full Record in Web of Science
90	Hulka, I.; Utu, D.; Serban, V. A.; Negrea, P.; Lukac, F.; Chraska, T.	Effect of Ti addition on microstructure and corrosion properties of laser cladded WC-Co/NiCrBSi(Ti) coatings	APPLIED SURFACE SCIENCE	504		http://dx.doi.org/10.1016/j.apsusc.2019.144349	2020	7	WOS:000502040600180	View Full Record in Web of Science
91	Pausescu, Iulia; Todea, Anamaria; Badea, Valentin; Peter, Francis; Medeleanu, Mihai; Ledeti, Ionut; Vlase, Gabriela; Vlase, Titus	Optical and thermal properties of intelligent pH indicator films based on chitosan/PVA and a new xanthylum dye	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	141	3	http://dx.doi.org/10.1007/s10973-019-08911-4	2020	10	WOS:000493684300006	View Full Record in Web of Science
92	Pana, Adrian; Baloi, Alexandru; Molnar-Matei, Florin	New method for calculating the susceptances of a balancing capacitive compensator for a three-phase four-wire distribution network	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	115		http://dx.doi.org/10.1016/j.ijepes.2019.105414	2020	16	WOS:000491636300001	View Full Record in Web of Science
93	Fiedler, T.; Al-Sahlan, K.; Linul, P. A.; Linul, E.	Mechanical properties of A356 and ZA27 metallic syntactic foams at cryogenic temperature	JOURNAL OF ALLOYS AND COMPOUNDS	813		http://dx.doi.org/10.1016/j.jallcom.2019.152181	2020	7	WOS:000490133900042	View Full Record in Web of Science
94	Hadaruga, Nicoleta G.; Szakal, Raymond N.; Chirila, Cosmina A.; Lukinich-Gruia, Alexandra T.; Paunescu, Virgil; Muntean, Cornelia; Rusu, Gerlinde; Bujanca, Gabriel; Hadaruga, Daniel I.	Complexation of Danube common nase (Chondrostoma nasus L.) oil by β -cyclodextrin and 2-hydroxypropyl- β -cyclodextrin	FOOD CHEMISTRY	303		http://dx.doi.org/10.1016/j.foodchem.2019.125419	2020	11	WOS:000487761700043	View Full Record in Web of Science
95	Belega, Daniel; Petri, Dario	Cramer-Rao Lower Bound for Unbiased Estimators of Sampled Noisy Sine-Wave Parameters	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	70		http://dx.doi.org/10.1109/TIM.2021.3122791	2021	9	WOS:000749892800006	View Full Record in Web of Science

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96	Vert, Silviu; Andone, Diana; Ternauciu, Andrei; Mihaescu, Vlad; Rotaru, Oana; Mocofan, Muguras; Orhei, Ciprian; Vasii, Radu	User Evaluation of a Multi-Platform Digital Storytelling Concept for Cultural Heritage	MATHEMATICS	9	21	http://dx.doi.org/10.3390/math9212678	2021	24	WOS:000750692000001	View Full Record in Web of Science
97	Popa, Adriana; Visa, Aurelia; Maranescu, Bianca; Hulka, Iosif; Lupa, Lavinia	Chemical Modification of Chitosan for Removal of Pb(II) Ions from Aqueous Solutions	MATERIALS	14	24	http://dx.doi.org/10.3390/ma14247894	2021	18	WOS:000738664600001	View Full Record in Web of Science
98	Caruntu, Bogdan	Approximate Analytical Solutions for Systems of Fractional Nonlinear Integro-Differential Equations Using the Polynomial Least Squares Method	FRACTAL AND FRACTIONAL	5	4	http://dx.doi.org/10.3390/fractalfract5040198	2021	19	WOS:000736659000001	View Full Record in Web of Science
99	Cristescu, Gabriela; Dragoi, Vlad-Florin; Hoara, Sorin Horatiu	Generalized Convexity Properties and Shape-Based Approximation in Networks Reliability	MATHEMATICS	9	24	http://dx.doi.org/10.3390/math9243182	2021	21	WOS:000735870600001	View Full Record in Web of Science
100	Groza, Vlad; Udrescu, Mihai; Bozdog, Alexandru; Udrescu, Lucretia	Drug Repurposing Using Modularity Clustering in Drug-Drug Similarity Networks Based on Drug-Gene Interactions	PHARMACEUTICS	13	12	http://dx.doi.org/10.3390/pharmaceutics13122117	2021	27	WOS:000736691700001	View Full Record in Web of Science
101	Mocuta (Bojoga), Daliana-Emanuela; Miron, Mariana Ioana; Hoge, Elena; Muntean, Cornelia; Todea, Darinca Carmen	Dental-Plaque Decontamination around Dental Brackets Using Antimicrobial Photodynamic Therapy: An In Vitro Study	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	18	23	http://dx.doi.org/10.3390/ijerph182312847	2021	12	WOS:000734979200001	View Full Record in Web of Science
102	Popa, Simona; Tamas, Andra; Simulescu, Vasile; Jurcau, Dorin; Boran, Sorina; Mosoarca, Giannin	A Novel Approach of Bioesters Synthesis through Different Technologies by Highlighting the Lowest Energetic Consumption One	POLYMERS	13	23	http://dx.doi.org/10.3390/polym13234190	2021	17	WOS:000734584000001	View Full Record in Web of Science
103	Motoc Ilies, Sorina; Schinteie, Bianca; Pop, Aniela; Negrea, Sorina; Cretu, Carmen; Szerb, Elisabeta I.; Manea, Florica	Graphene Quantum Dots and Cu(I) Liquid Crystal for Advanced Electrochemical Detection of Doxorubicine in Aqueous Solutions	NANOMATERIALS	11	11	http://dx.doi.org/10.3390/nano11112788	2021	18	WOS:000726871700001	View Full Record in Web of Science
104	Kazakova, Oxana; Racoviceanu, Roxana; Petrova, Anastasiya; Mioc, Marius; Militaru, Adrian; Udrescu, Lucretia; Udrescu, Mihai; Voicu, Adrian; Cummings, Jason; Robertson, Gregory; Ordway, Diane J.; Slayden, Richard A.; Soica, Codruta	New Investigations with Lupane Type A-Ring Azepane Triterpenoids for Antimycobacterial Drug Candidate Design	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	22	22	http://dx.doi.org/10.3390/ijms222212542	2021	26	WOS:000725887500001	View Full Record in Web of Science
105	Bolborea, Bogdan; Baera, Cornelia; Dan, Sorin; Gruin, Aurelian; Burduhos-Nergis, Dumitru-Doru; Vasile, Vasile	Concrete Compressive Strength by Means of Ultrasonic Pulse Velocity and Moduli of Elasticity	MATERIALS	14	22	http://dx.doi.org/10.3390/ma14227018	2021	16	WOS:000724723200001	View Full Record in Web of Science
106	Segneanu, Adina-Elena; Marin, Catalin Nicolae; Ghirlea, Ioan Ovidiu-Florin; Feier, Catalin Vladut Ionut; Muntean, Cornelia; Grozescu, Ioan	Artemisia annua Growing Wild in Romania: A Metabolite Profile Approach to Target a Drug Delivery System Based on Magnetite Nanoparticles	PLANTS-BASEL	10	11	http://dx.doi.org/10.3390/plants10112245	2021	23	WOS:000724980200001	View Full Record in Web of Science
107	Radac, Mircea-Bogdan; Lala, Timotei	Hierarchical Cognitive Control for Unknown Dynamic Systems Tracking	MATHEMATICS	9	21	http://dx.doi.org/10.3390/math9212752	2021	23	WOS:000720454100001	View Full Record in Web of Science
108	Rajak, Dipen Kumar; Wagh, Pratiksha H.; Linul, Emanoil	Manufacturing Technologies of Carbon/Glass Fiber-Reinforced Polymer Composites and Their Properties: A Review	POLYMERS	13	21	http://dx.doi.org/10.3390/polym13213721	2021	42	WOS:000718584800001	View Full Record in Web of Science

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109	Caruntu, Bogdan; Pasca, Madalina Sofia	Approximate Solutions for a Class of Nonlinear Fredholm and Volterra Integro-Differential Equations Using the Polynomial Least Squares Method	MATHEMATICS	9	21	http://dx.doi.org/10.3390/math9212692	2021	13	WOS:000718489600001	View Full Record in Web of Science
110	Aamir, Muhammad; Sarfraz, Muddassar; Khawaja, Kausar Fiaz; Usman, Habiba; Hu, Zhihua	Signifying the Effect of Relational and Experiential Cognitive Styles on Entrepreneurial Behavior: A Mediated Moderated Model	FRONTIERS IN PSYCHOLOGY	12		http://dx.doi.org/10.3389/fpsyg.2021.762403	2021	11	WOS:000715991300001	View Full Record in Web of Science
111	Chieffo, Nicola; Mosoarca, Marius; Formisano, Antonio; Lourenco, Paulo B.; Milani, Gabriele	The effect of ground motion vertical component on the seismic response of historical masonry buildings: The case study of the Banloc Castle in Romania	ENGINEERING STRUCTURES	249		http://dx.doi.org/10.1016/j.engstruct.2021.113346	2021	22	WOS:000712063200003	View Full Record in Web of Science
112	Ardean, Cristina; Davidescu, Corneliu Mircea; Nemes, Nicoleta Sorina; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Duda-Seiman, Daniel; Muntean, Delia	Antimicrobial Activities of Chitosan Derivatives	PHARMACEUTICS	13	10	http://dx.doi.org/10.3390/pharmaceutics13101639	2021	21	WOS:000714061000001	View Full Record in Web of Science
113	Ciopec, Mihaela; Grad, Oana; Negrea, Adina; Duteanu, Narcis; Negrea, Petru; Paul, Cristina; Ianasi, Catalin; Mosoarca, Giannin; Vancea, Cosmin	A New Perspective on Adsorbent Materials Based Impregnated MgSiO ₃ with Crown Ethers for Palladium Recovery	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	22	19	http://dx.doi.org/10.3390/ijms221910718	2021	23	WOS:000709273600001	View Full Record in Web of Science
114	Capraru, Aylin; Moaca, Elena-Alina; Pacurariu, Cornelia; Ianos, Robert; Lazau, Radu; Barbu-Tudoran, Lucian	Development and characterization of magnetic iron oxide nanoparticles using microwave for the combustion reaction ignition, as possible candidates for biomedical applications	POWDER TECHNOLOGY	394		http://dx.doi.org/10.1016/j.powtec.2021.08.093	2021	13	WOS:000709485300001	View Full Record in Web of Science
115	Hulka, Iosif; Utu, Ion D.; Avram, Diana; Dan, Mircea L.; Pascu, Alexandru; Stanciu, Elena M.; Roata, Ionut C.	Influence of the Laser Cladding Parameters on the Morphology, Wear and Corrosion Resistance of WC-Co/NiCrBSi Composite Coatings	MATERIALS	14	19	http://dx.doi.org/10.3390/ma14195583	2021	13	WOS:000710250900001	View Full Record in Web of Science
116	Volosencu, Constantin	A Comparative Analysis of Some Methods for Wind Turbine Maximum Power Point Tracking	MATHEMATICS	9	19	http://dx.doi.org/10.3390/math9192399	2021	33	WOS:000709849100001	View Full Record in Web of Science
117	Mosoarca, Giannin; Popa, Simona; Vancea, Cosmin; Boran, Sorina	Optimization, Equilibrium and Kinetic Modeling of Methylene Blue Removal from Aqueous Solutions Using Dry Bean Pods Husks Powder	MATERIALS	14	19	http://dx.doi.org/10.3390/ma14195673	2021	16	WOS:000707999100001	View Full Record in Web of Science
118	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Boran, Sorina	Bathurst Burr (<i>Xanthium spinosum</i>) Powder: A New Natural Effective Adsorbent for Crystal Violet Dye Removal from Synthetic Wastewaters	MATERIALS	14	19	http://dx.doi.org/10.3390/ma14195861	2021	14	WOS:000706496900001	View Full Record in Web of Science
119	Kotelko, Maria; Grudziecki, Jan; Ungureanu, Viorel; Dubina, Dan	Ultimate and post-ultimate behaviour of thin-walled cold-formed steel open-section members under eccentric compression. Part I: Collapse mechanisms database (theoretical study)	THIN-WALLED STRUCTURES	169		http://dx.doi.org/10.1016/j.tws.2021.108366	2021	9	WOS:000703609000004	View Full Record in Web of Science
120	Movahedi, Nima; Linul, Emanoil	Radial crushing response of ex-situ foam-filled tubes at elevated temperatures	COMPOSITE STRUCTURES	277		http://dx.doi.org/10.1016/j.compstruct.2021.114634	2021	14	WOS:000703117500002	View Full Record in Web of Science

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121	Negrea, Adina; Ronka, Sylwia; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Mihailescu, Maria	Kinetics, Thermodynamics and Equilibrium Studies for Gold Recovery from Diluted Waste Solution	MATERIALS	14	18	http://dx.doi.org/10.3390/ma14185325	2021	15	WOS:000699582100001	View Full Record in Web of Science
122	Caruntu, Bogdan; Pasca, Madalina Sofia	The Polynomial Least Squares Method for Nonlinear Fractional Volterra and Fredholm Integro-Differential Equations	MATHEMATICS	9	18	http://dx.doi.org/10.3390/math9182324	2021	17	WOS:000699714200001	View Full Record in Web of Science
123	Musuroi, Adrian; Groza, Bogdan; Popa, Lucian; Murvay, Pal-Stefan	Fast and Efficient Group Key Exchange in Controller Area Networks (CAN)	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	70	9	http://dx.doi.org/10.1109/TVT.2021.3098546	2021	15	WOS:000700122200079	View Full Record in Web of Science
124	Iordanescu, Olimpia Alina; Bala, Maria; Iuga, Alina Carmen; Gligor (Pane), Dina; Dascalu, Ionut; Bujanca, Gabriel Stelian; David, Ioan; Hadaruga, Nicoleta Gabriela; Hadaruga, Daniel Ioan	Antioxidant Activity and Discrimination of Organic Apples (Malus domestica Borkh.) Cultivated in the Western Region of Romania: A DPPH center dot Kinetics-PCA Approach	PLANTS-BASEL	10	9	http://dx.doi.org/10.3390/plants10091957	2021	24	WOS:000701153800001	View Full Record in Web of Science
125	Duca, Delia-Andrada; Dan, Mircea Laurentiu; Vaszilcsin, Nicolae	Recycling of Expired Cefamyl Drug as Additive in the Copper and Nickel Electrodeposition from Acid Baths	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	18	18	http://dx.doi.org/10.3390/ijerph18189476	2021	13	WOS:000700691000001	View Full Record in Web of Science
126	Torabi, Ehsan; Ghoul, Saeid; Marsavina, Liviu; Ayatollahi, Majid R.	Mixed mode fracture behavior of short-particle engineered wood	THEORETICAL AND APPLIED FRACTURE MECHANICS	115		http://dx.doi.org/10.1016/j.tafmec.2021.103054	2021	13	WOS:000696646100002	View Full Record in Web of Science
127	Albulescu, Claudiu Tiberiu; Ajmi, Ahdi Noomen	Oil price and US dollar exchange rate: Change detection of bi-directional causal impact	ENERGY ECONOMICS	100		http://dx.doi.org/10.1016/j.eneco.2021.105385	2021	10	WOS:000694892100042	View Full Record in Web of Science
128	Lascu, Cristian	Sliding-Mode Direct-Voltage Control of Voltage-Source Converters With LC Filters for Pulsed Power Loads	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	68	12	http://dx.doi.org/10.1109/TIE.2020.3040694	2021	9	WOS:000692884200005	View Full Record in Web of Science
129	Chirca, Otilia; Biclesanu, Cornelia; Florescu, Anamaria; Stoia, Dan Ioan; Pangica, Anna Maria; Burcea, Alexandru; Vasilescu, Marius; Antoniac, Iulian Vasile	Adhesive-Ceramic Interface Behavior in Dental Restorations. FEM Study and SEM Investigation	MATERIALS	14	17	http://dx.doi.org/10.3390/ma14175048	2021	18	WOS:000694396800001	View Full Record in Web of Science
130	Goguta, Luciana; Lungeanu, Diana; Negru, Radu; Birdeanu, Mihaela; Jivanescu, Anca; Sinescu, Cosmin	Selective Laser Sintering versus Selective Laser Melting and Computer Aided Design - Computer Aided Manufacturing in Double Crowns Retention	JOURNAL OF PROSTHODONTIC RESEARCH	65	3	http://dx.doi.org/10.2186/jpr.JPOR_2019_556	2021	8	WOS:000692322500017	View Full Record in Web of Science
131	Pascu, Bogdan; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Nemes, Nicoleta Sorina; Seiman, Corina; Marian, Eleonora; Micu, Otilia	A Green, Simple and Facile Way to Synthesize Silver Nanoparticles Using Soluble Starch. pH Studies and Antimicrobial Applications	MATERIALS	14	16	http://dx.doi.org/10.3390/ma14164765	2021	16	WOS:000689447700001	View Full Record in Web of Science
132	Iordanescu, Olimpia Alina; Bala, Maria; Gligor (Pane), Dina; Zippenfening, Simelda Elena; Cugorean, Marius Ioan; Petroman, Mircea Ionut; Hadaruga, Daniel Ioan; Hadaruga, Nicoleta Gabriela; Ravis, Mircea	A DPPH center dot Kinetic Approach on the Antioxidant Activity of Various Parts and Ripening Levels of Papaya (Carica papaya L.) Ethanolic Extracts	PLANTS-BASEL	10	8	http://dx.doi.org/10.3390/plants10081679	2021	14	WOS:000690080500001	View Full Record in Web of Science
133	Cepan, Claudiu; Segneanu, Adina-Elena; Grad, Oana; Mihailescu, Maria; Cepan, Melinda; Grozescu, Ioan	Assessment of the Different Type of Materials Used for Removing Phosphorus from Wastewater	MATERIALS	14	16	http://dx.doi.org/10.3390/ma14164371	2021	19	WOS:000690492000001	View Full Record in Web of Science
134	Sava, Marcela; Nagy, Ramona; Menyhardt, Karoly	Characteristics of 3D Printable Bronze PLA-Based Filament Composites for Gaskets	MATERIALS	14	16	http://dx.doi.org/10.3390/ma14164770	2021	13	WOS:000689615200001	View Full Record in Web of Science

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135	Topircanu, Alexandru	Electoral forecasting using a novel temporal attenuation model: Predicting the US presidential elections	EXPERT SYSTEMS WITH APPLICATIONS	182		http://dx.doi.org/10.1016/j.eswa.2021.115289	2021	10	WOS:000688460900004	View Full Record in Web of Science
136	Linul, Emanoil; Pietras, Daniel; Sadowski, Tomasz; Marsavina, Liviu; Rajak, Dipen Kumar; Kovacic, Jaroslav	Crashworthiness performance of lightweight Composite Metallic Foams at high temperatures	COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING	149		http://dx.doi.org/10.1016/j.compositesa.2021.106516	2021	11	WOS:000689332300002	View Full Record in Web of Science
137	Isar, Alexandru; Nafornita, Corina; Magu, Georgiana	Hyperanalytic Wavelet-Based Robust Edge Detection	REMOTE SENSING	13	15	http://dx.doi.org/10.3390/rs13152888	2021	32	WOS:000682213800001	View Full Record in Web of Science
138	Gherhes, Vasile; Cernicova-Buca, Mariana; Farcasiu, Marcela Alina; Palea, Adina	Romanian Students' Environment-Related Routines during COVID-19 Home Confinement: Water, Plastic, and Paper Consumption	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	18	15	http://dx.doi.org/10.3390/ijerph18158209	2021	24	WOS:000681965300001	View Full Record in Web of Science
139	Marica, Andreea; Fritea, Luminita; Banica, Florin; Sinescu, Cosmin; Iovan, Ciprian; Hulka, Josif; Rusu, Gerlinde; Cavalu, Simona	Carbon Nanotubes for Improved Performances of Endodontic Sealer	MATERIALS	14	15	http://dx.doi.org/10.3390/ma14154248	2021	17	WOS:000682050100001	View Full Record in Web of Science
140	Younesiraad, Hemn; Hamzavi-Zarghani, Zahra; Matekovits, Ladislau	Invisibility Utilizing Huygens' Metasurface Based on Mantle Cloak and Scattering Suppression Phenomen	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	69	8	http://dx.doi.org/10.1109/TAP.2021.3060022	2021	6	WOS:000681275800103	View Full Record in Web of Science
141	Simo, Attila; Dzitac, Simona; Dzitac, Ioan; Frigura-Iliasa, Mihaela; Frigura-Iliasa, Flaviu Mihai	Air quality assessment system based on self-driven drone and LoRaWAN network	COMPUTER COMMUNICATIONS	175		http://dx.doi.org/10.1016/j.comcom.2021.04.032	2021	12	WOS:000678421800002	View Full Record in Web of Science
142	Ivascu, Larisa; Sarfraz, Muddassar; Mohsin, Muhammad; Naseem, Sobia; Ozturk, Ilknur	The Causes of Occupational Accidents and Injuries in Romanian Firms: An Application of the Johansen Cointegration and Granger Causality Test	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	18	14	http://dx.doi.org/10.3390/ijerph18147634	2021	17	WOS:000676649700001	View Full Record in Web of Science
143	Ardean, Cristina; Davidescu, Corneliu Mircea; Nemes, Nicoleta Sorina; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Duda-Seiman, Daniel; Musta, Virgil	Factors Influencing the Antibacterial Activity of Chitosan and Chitosan Modified by Functionalization	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	22	14	http://dx.doi.org/10.3390/ijms22147449	2021	28	WOS:000677021000001	View Full Record in Web of Science
144	Stoia, Dan Ioan; Marsavina, Liviu; Linul, Emanoil	Mode I critical energy release rate of additively manufactured polyamide samples	THEORETICAL AND APPLIED FRACTURE MECHANICS	114		http://dx.doi.org/10.1016/j.tafmec.2021.102968	2021	10	WOS:000675850400002	View Full Record in Web of Science
145	Marinca, Bogdan; Marinca, Vasile; Bogdan, Ciprian	Dynamics of SEIR epidemic model by optimal auxiliary functions method	CHAOS SOLITONS & FRACTALS	147		http://dx.doi.org/10.1016/j.chaos.2021.110949	2021	7	WOS:000663440600012	View Full Record in Web of Science
146	Belc, Anda Ligia; Coleri, Erdem; Belc, Florin; Costescu, Ciprian	Influence of Different Warm Mix Additives on Characteristics of Warm Mix Asphalt	MATERIALS	14	13	http://dx.doi.org/10.3390/ma14133534	2021	18	WOS:000671256400001	View Full Record in Web of Science
147	Ciopec, Mihaela; Biliuta, Gabriela; Negrea, Adina; Duteanu, Narcis; Coseri, Sergiu; Negrea, Petru; Ghangrekar, Makarand	Testing of Chemically Activated Cellulose Fibers as Adsorbents for Treatment of Arsenic Contaminated Water	MATERIALS	14	13	http://dx.doi.org/10.3390/ma14133731	2021	20	WOS:000670933900001	View Full Record in Web of Science
148	Serban, Dan-Andrei; Marsavina, Cosmin; Cosa, Alexandru Viorel; Belgiu, George; Negru, Radu	A Study of Yielding and Plasticity of Rapid Prototyped ABS	MATHEMATICS	9	13	http://dx.doi.org/10.3390/math9131495	2021	13	WOS:000671332400001	View Full Record in Web of Science
149	Linul, Emanoil; Khezzzadeh, Omid	Axial crashworthiness performance of foam-based composite structures under extreme temperature conditions	COMPOSITE STRUCTURES	271		http://dx.doi.org/10.1016/j.compstruct.2021.114156	2021	11	WOS:000663802700012	View Full Record in Web of Science

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150	Vancea, Cosmin; Mosoarca, Giannin; Popa, Simona	A Sustainable Solution to Obtain P-K-Mn Glass Fertilizers from Cheap and Readily Available Wastes	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	18	12	http://dx.doi.org/10.3390/ijerph18126585	2021	12	WOS:000666192100001	View Full Record in Web of Science
151	David, Ciprian; Naformita, Corina; Gui, Vasile; Campeanu, Andrei; Carrie, Guillaume; Monnerat, Michel	GNSS Localization in Constraint Environment by Image Fusing Techniques	REMOTE SENSING	13	10	http://dx.doi.org/10.3390/rs13102021	2021	19	WOS:000662492800001	View Full Record in Web of Science
152	Herisanu, Nicolae; Marincea, Vasile	A Solution Procedure Combining Analytical and Numerical Approaches to Investigate a Two-Degree-of-Freedom Vibro-Impact Oscillator	MATHEMATICS	9	12	http://dx.doi.org/10.3390/math9121374	2021	17	WOS:000665929600001	View Full Record in Web of Science
153	Lazureanu, Cristian	Integrable Deformations and Dynamical Properties of Systems with Constant Population	MATHEMATICS	9	12	http://dx.doi.org/10.3390/math9121378	2021	13	WOS:000666118500001	View Full Record in Web of Science
154	Derban, Paula; Negrea, Romeo; Rominu, Mihai; Marsavina, Liviu	Influence of the Printing Angle and Load Direction on Flexure Strength in 3D Printed Materials for Provisional Dental Restorations	MATERIALS	14	12	http://dx.doi.org/10.3390/ma14123376	2021	14	WOS:000665976200001	View Full Record in Web of Science
155	Kazamer, Norbert; Muntean, Roxana; Valean, Petru Cristian; Pascal, Dragos Toader; Marginean, Gabriela; Serban, Viorel-Aurel	Comparison of Ni-Based Self-Fluxing Remelted Coatings for Wear and Corrosion Applications	MATERIALS	14	12	http://dx.doi.org/10.3390/ma14123293	2021	12	WOS:000666107300001	View Full Record in Web of Science
156	Negrea, Sorina; Diaconu, Lidia Ani; Nicorescu, Valeria; Motoc (m Ilies), Sorina; Orha, Corina; Manea, Florica	Graphene Oxide Electroreduced onto Boron-Doped Diamond and Electrodecorated with Silver (Ag/GO/BDD) Electrode for Tetracycline Detection in Aqueous Solution	NANOMATERIALS	11	6	http://dx.doi.org/10.3390/nano11061566	2021	19	WOS:000665964500001	View Full Record in Web of Science
157	Kiss, Gabriel; Rusu, Gerlinde; Bandur, Geza; Hulka, Iosif; Romecki, Daniel; Peter, Francisc	Advances in Low-Density Flexible Polyurethane Foams by Optimized Incorporation of High Amount of Recycled Polyol	POLYMERS	13	11	http://dx.doi.org/10.3390/polym13111736	2021	15	WOS:000660522400001	View Full Record in Web of Science
158	Dan, D.; Todut, C.; Stoian, V.; Fofiu, M.	Theoretical and experimental study of precast reinforced concrete walls with different openings under seismic loads	ENGINEERING STRUCTURES	240		http://dx.doi.org/10.1016/j.engstruct.2021.112397	2021	18	WOS:000659323100003	View Full Record in Web of Science
159	Volosencu, Constantin	Stability Analysis of Systems with Fuzzy PI Controllers Applied to Electric Drives	MATHEMATICS	9	11	http://dx.doi.org/10.3390/math9111246	2021	32	WOS:000660978000001	View Full Record in Web of Science
160	Baron, Raluca Ioana; Biliuta, Gabriela; Socoliuc, Vlad; Coseri, Sergiu	Affordable Magnetic Hydrogels Prepared from Biocompatible and Biodegradable Sources	POLYMERS	13	11	http://dx.doi.org/10.3390/polym13111693	2021	15	WOS:000660527800001	View Full Record in Web of Science
161	Dragomir, Toma-Leonida; Pana, Ana-Maria; Ordodi, Valentin; Gherman, Vasile; Dumitrel, Gabriela-Alina; Nanu, Sorin	An Empirical Model for Predicting Biodegradation Profiles of Glycopolymers	POLYMERS	13	11	http://dx.doi.org/10.3390/polym13111819	2021	13	WOS:000660524700001	View Full Record in Web of Science
162	Auzoult, Laurent; Mazilescu, Crisanta-Alina	Ethical Climate as Social Norm: Impact on Judgements and Behavioral Intentions in the Workplace	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	18	11	http://dx.doi.org/10.3390/ijerph18116006	2021	9	WOS:000659924500001	View Full Record in Web of Science

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163	Moaca, Elena-Alina; Watz, Claudia-Geanina; Socoliuc, Vlad; Racoviceanu, Roxana; Pacurariu, Cornelia; Ianos, Robert; Cinta-Pinzaru, Simona; Tudoran, Lucian Barbu; Nekvapil, Fran; Iurciuc, Stela; Soica, Codruta; Dehelean, Cristina-Adriana	Biocompatible Magnetic Colloidal Suspension Used as a Tool for Localized Hyperthermia in Human Breast Adenocarcinoma Cells: Physicochemical Analysis and Complex In Vitro Biological Profile	NANOMATERIALS	11	5	http://dx.doi.org/10.3390/nano11051189	2021	28	WOS:000657018800001	View Full Record in Web of Science
164	Xiang, Shihui; Rasool, Saad; Hang, Yong; Javid, Kamran; Javed, Tasawar; Artene, Alin Emanuel	The Effect of COVID-19 Pandemic on Service Sector Sustainability and Growth	FRONTIERS IN PSYCHOLOGY	12		http://dx.doi.org/10.3389/fpsyg.2021.633597	2021	10	WOS:000652022800001	View Full Record in Web of Science
165	Tulcan, Aurel; Vasilescu, Mircea Dorin; Tulcan, Liliana	Comparative Study of the Influence of Bio-Resin Color on the Dimension, Flatness and Straightness of the Part in the 3D Printing Process	POLYMERS	13	9	http://dx.doi.org/10.3390/polym13091412	2021	21	WOS:000650706300001	View Full Record in Web of Science
166	Medeleanu, Mihai A.; Hadaruga, Daniel I.; Muntean, Cornelia V.; Popescu, Gabriela; Rada, Maria; Heghes, Alina; Zippenfening, Simelda E.; Lucan, Christine A. (Banciu); Velciov, Ariana B.; Bandur, Geza N.; Hadaruga, Nicoleta G.; Ravis, Mircea	Structure-property relationships on recrystallized beta-cyclodextrin solvates: A focus on X-ray diffractometry, FTIR and thermal analyses	CARBOHYDRATE POLYMERS	265		http://dx.doi.org/10.1016/j.carbpol.2021.118079	2021	9	WOS:000649678900007	View Full Record in Web of Science
167	Fabricky, Mihai M. C.; Gabor, Alin-Gabriel; Milutinovici, Raluca Adriana; Watz, Claudia Geanina; Avram, Stefana; Draghici, George; Mihali, Ciprian V.; Moaca, Elena-Alina; Dehelean, Cristina Adriana; Galuscan, Atena; Buzatu, Roxana; Duma, Virgil-Florin; Negrutiu, Meda-Lavinia; Sinescu, Cosmin	Scaffold-Type Structure Dental Ceramics with Different Compositions Evaluated through Physicochemical Characteristics and Biosecurity Profiles	MATERIALS	14	9	http://dx.doi.org/10.3390/ma14092266	2021	18	WOS:000650571000001	View Full Record in Web of Science
168	Albulescu, Claudiu Tiberiu; Mutascu, Mihai Ioan	Fuel price co-movements among France, Germany and Italy: A time-frequency investigation	ENERGY	225		http://dx.doi.org/10.1016/j.energy.2021.120236	2021	18	WOS:000647583700002	View Full Record in Web of Science
169	Potra, Sabina; Pugna, Adrian; Pop, Madalin-Dorin; Negrea, Romeo; Dungan, Luisa	Facing COVID-19 Challenges: 1st-Year Students' Experience with the Romanian Hybrid Higher Educational System	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	18	6	http://dx.doi.org/10.3390/ijerph18063058	2021	15	WOS:000639181300001	View Full Record in Web of Science
170	Rajak, Dipen Kumar; Linul, Emanoil	Crushing response of Composite Metallic Foams: Density and High Strain Rate effects	JOURNAL OF ALLOYS AND COMPOUNDS	871		http://dx.doi.org/10.1016/j.jallcom.2021.159614	2021	9	WOS:000645004000010	View Full Record in Web of Science
171	Albulescu, Claudiu Tiberiu; Tiwari, Aviral Kumar; Kyophilavong, Phouphet	Nonlinearities and Chaos: A New Analysis of CEE Stock Markets	MATHEMATICS	9	7	http://dx.doi.org/10.3390/math9070707	2021	13	WOS:000638695700001	View Full Record in Web of Science
172	Belega, Daniel; Petri, Dario	Sensitivity to Frequency Uncertainty of the Estimators Provided by the Two-Parameter Sine-Fit Algorithm	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	70		http://dx.doi.org/10.1109/TIM.2021.3058396	2021	9	WOS:000636274000107	View Full Record in Web of Science
173	Tiegam, Rufis Fregue Tagne; Tchuihon, Donald Raoul Tchuihon; Santagata, Remo; Nanssou, Paul Alain Kouteu; Anagho, Solomon Gabche; Ionel, Ioana; Ulgiati, Sergio	Production of activated carbon from cocoa pods: Investigating benefits and environmental impacts through analytical chemistry techniques and life cycle assessment	JOURNAL OF CLEANER PRODUCTION	288		http://dx.doi.org/10.1016/j.jclepro.2020.125464	2021	13	WOS:000631538800036	View Full Record in Web of Science
174	Lupa, Lavinia; Filimon, Anca; Popa, Adriana; Dunca, Simona	Development of adsorbent materials based on functionalized copolymers with future applications as antibacterial agent in life quality and environmental field	REACTIVE & FUNCTIONAL POLYMERS	161		http://dx.doi.org/10.1016/j.reactfunctpolym.2021.104845	2021	10	WOS:000634866000003	View Full Record in Web of Science

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175	Ungureanu, Viorel; Both, Ioan; Burca, Mircea; Radu, Bogdan; Neagu, Calin; Dubina, Dan	Experimental and numerical investigations on built-up cold-formed steel beams using resistance spot welding	THIN-WALLED STRUCTURES	161		http://dx.doi.org/10.1016/j.tws.2021.107456	2021	16	WOS:000634780300001	View Full Record in Web of Science
176	Segneanu, Adina-Elena; Cepan, Melinda; Bobica, Adrian; Stanusoiu, Ionut; Dragomir, Ioan Cosmin; Parau, Andrei; Grozescu, Ioan	Chemical Screening of Metabolites Profile from Romanian Tuber spp.	PLANTS-BASEL	10	3	http://dx.doi.org/10.3390/plants10030540	2021	20	WOS:000634077300001	View Full Record in Web of Science
177	Kantor, Izolda; Aparaschivei, Diana; Todea, Anamaria; Biro, Emese; Babos, Gyorgy; Szerenyi, Dora; Kakasi, Balazs; Peter, Francisc; Sisu, Eugen; Feczko, Tivadar	Biocatalytic synthesis of poly[ε-caprolactone-co-(12-hydroxystearate)] copolymer for sorafenib nanoformulation useful in drug delivery	CATALYSIS TODAY	366		http://dx.doi.org/10.1016/j.cattod.2020.05.005	2021	7	WOS:000632006400004	View Full Record in Web of Science
178	Todea, Anamaria; Benea, Ioana Cristina; Bitcan, Ioan; Peter, Francisc; Klebert, Szilvia; Feczko, Tivadar; Karoly, Zoltan; Biro, Emese	One-pot biocatalytic conversion of lactose to gluconic acid and galacto-oligosaccharides using immobilized beta-galactosidase and glucose oxidase	CATALYSIS TODAY	366		http://dx.doi.org/10.1016/j.cattod.2020.06.090	2021	10	WOS:000632006400005	View Full Record in Web of Science
179	Dumitru (mVoda), Raluca; Negrea, Sorina; Pacurariu, Cornelia; Surdu, Adrian; Ianculescu, Adelina; Pop, Anicla; Manea, Florica	CuBi2O4 Synthesis, Characterization, and Application in Sensitive Amperometric/Voltammetric Detection of Amoxicillin in Aqueous Solutions	NANOMATERIALS	11	3	http://dx.doi.org/10.3390/nano11030740	2021	16	WOS:000633984500001	View Full Record in Web of Science
180	Dragan, Florin; Luo, Chaoping; Ivascu, Larisa; Ali, Majid	Assessing the Importance of Psychosocial Factors Associated With Sustainable Organizational Development During COVID-19	FRONTIERS IN PSYCHOLOGY	12		http://dx.doi.org/10.3389/fpsyg.2021.647435	2021	12	WOS:000632403700001	View Full Record in Web of Science
181	Grad, Oana Alexandra; Ciopec, Mihaela; Negrea, Adina; Duteanu, Narcis; Negrea, Petru; Voda, Raluca	Evaluation of Performance of Functionalized Amberlite XAD7 with Dibenzo-18-Crown Ether-6 for Palladium Recovery	MATERIALS	14	4	http://dx.doi.org/10.3390/ma14041003	2021	16	WOS:000624092300001	View Full Record in Web of Science
182	Petroman, Cornelia; Popescu, Gabriela; Szakal, Raymond-Nandy; Paunescu, Virgil; Draghia, Lavinia P.; Bujanca, Gabriel S.; Chirila, Cosmina A.; Hadaruga, Daniel, I; Vaduva, Loredana; Hadaruga, Nicoleta G.; Petroman, Ioan	Fatty Acid Profile of Lipid Fractions of Mangalitza (Sus scrofa domestica) from Northern Romania: A GC-MS-PCA Approach	FOODS	10	2	http://dx.doi.org/10.3390/foods10020242	2021	23	WOS:000622518000001	View Full Record in Web of Science
183	Belc, Anda Ligia; Pop, Ion Octavian; Belc, Florin; Costescu, Ciprian; Tehrani, Fateh Fakhari	Influence of warm mix additives on the low-temperature behavior of bitumen using the Bending Beam Rheometer (BBR)	CONSTRUCTION AND BUILDING MATERIALS	273		http://dx.doi.org/10.1016/j.conbuildmat.2020.121682	2021	10	WOS:000614160800019	View Full Record in Web of Science
184	Borlea, Ioan-Daniel; Precup, Radu-Emil; Borlea, Alexandra-Bianca; Iercan, Daniel	A Unified Form of Fuzzy C-Means and K-Means algorithms and its Partitional Implementation	KNOWLEDGE-BASED SYSTEMS	214		http://dx.doi.org/10.1016/j.knsys.2020.106731	2021	16	WOS:000618605200005	View Full Record in Web of Science
185	Foti, Pietro; Razavi, Seyed Mohammad Javad; Ayatollahi, Majid Reza; Marsavina, Liviu; Berto, Filippo	On the application of the volume free strain energy density method to blunt V-notches under mixed mode condition	ENGINEERING STRUCTURES	230		http://dx.doi.org/10.1016/j.engstruct.2020.111716	2021	9	WOS:000617782200004	View Full Record in Web of Science
186	Sarfraz, Muddassar; Ivascu, Larisa; Belu, Radian; Artene, Alin	Accentuating the interconnection between business sustainability and organizational performance in the context of the circular economy: The moderating role of organizational competitiveness	BUSINESS STRATEGY AND THE ENVIRONMENT	30	4	http://dx.doi.org/10.1002/bse.2735	2021	11	WOS:000616011200001	View Full Record in Web of Science
187	Visa, Aurelia; Ilia, Gheorghe; Lupa, Lavinia; Maranescu, Bianca	Use of highly stable phosphonate coordination polymers as adsorbents for wastewater	APPLIED ORGANOMETALLIC CHEMISTRY	35	5	http://dx.doi.org/10.1002/aoc.6184	2021	15	WOS:000615201500001	View Full Record in Web of Science

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188	Putz, Ana-Maria; Ciopec, Mihaela; Negrea, Adina; Grad, Oana; Ianasi, Catalin; Ivankov, Oleksandr I.; Milanovic, Marija; Stijepovic, Ivan; Almasy, Laszlo	Comparison of Structure and Adsorption Properties of Mesoporous Silica Functionalized with Aminopropyl Groups by the Co-Condensation and the Post Grafting Methods	MATERIALS	14	3	http://dx.doi.org/10.3390/ma14030628	2021	19	WOS:000615388500001	View Full Record in Web of Science
189	Albulescu, Claudiu Tiberiu	COVID-19 and the United States financial markets' volatility	FINANCE RESEARCH LETTERS	38		http://dx.doi.org/10.1016/j.frl.2020.101699	2021	5	WOS:000614463200025	View Full Record in Web of Science
190	Forton, A.; Mangiafico, S.; Sauzeat, C.; Di Benedetto, H.; Marc, P.	Steady shear viscosity of blends of fresh and RAP binders with rejuvenator: Experimental and estimated results	CONSTRUCTION AND BUILDING MATERIALS	269		http://dx.doi.org/10.1016/j.conbuildmat.2020.121236	2021	10	WOS:000604773000012	View Full Record in Web of Science
191	Bajas, Dorothea; Vlase, Gabriela; Mateescu, Madalina; Grad, Oana Alexandra; Bunoiu, Madalin; Vlase, Titus; Avram, Claudiu	Formulation and Characterization of Alginate-Based Membranes for the Potential Transdermal Delivery of Methotrexate	POLYMERS	13	1	http://dx.doi.org/10.3390/polym13010161	2021	18	WOS:000606133900001	View Full Record in Web of Science
192	Tigan, G.; Lazureanu, C.; Munteanu, F.; Sterbeti, C.; Florea, A.	Analysis of a class of Kolmogorov systems	NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS	57		http://dx.doi.org/10.1016/j.nonrwa.2020.103202	2021	17	WOS:000573216300007	View Full Record in Web of Science
193	Groza, Bogdan; Popa, Lucian; Murvay, Pal-Stefan	CANTO-Covert Authentication With Timing Channels Over Optimized Traffic Flows for CAN	IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY	16		http://dx.doi.org/10.1109/TIFS.2020.3017892	2021	16	WOS:000571722500003	View Full Record in Web of Science
194	de Carvalho, William S.; Vioreanu, Maura C.; Lutz, Maxime R. A.; Cipriano, Goncalo P.; Amancio-Filho, Sergio T.	The Influence of Tool Wear on the Mechanical Performance of AA6061-T6 Refill Friction Stir Spot Welds	MATERIALS	14	23	http://dx.doi.org/10.3390/ma14237252	2021	23	WOS:000735041300001	View Full Record in Web of Science
195	ul Haque, Sufia; Duteanu, Narcis; Ciocan, Stefania; Nasar, Abu; Inamuddin	A review: Evolution of enzymatic biofuel cells	JOURNAL OF ENVIRONMENTAL MANAGEMENT	298		http://dx.doi.org/10.1016/j.jenvman.2021.113483	2021	19	WOS:000696698700006	View Full Record in Web of Science
196	Zamfirache, Iuliu Alexandru; Precup, Radu-Emil; Roman, Raul-Cristian; Petriu, Emil M.	Reinforcement Learning-based control using Q-learning and gravitational search algorithm with experimental validation on a nonlinear servo system	INFORMATION SCIENCES	583		http://dx.doi.org/10.1016/j.ins.2021.10.070	2022	22	WOS:000727727800004	View Full Record in Web of Science
197	Zamfirache, Iuliu Alexandru; Precup, Radu-Emil; Roman, Raul-Cristian; Petriu, Emil M.	Policy Iteration Reinforcement Learning-based control using a Grey Wolf Optimizer algorithm	INFORMATION SCIENCES	585		http://dx.doi.org/10.1016/j.ins.2021.11.051	2022	14	WOS:000727771200010	View Full Record in Web of Science
198	Imani, D. M.; Aliha, M. R. M.; Linul, E.; Marsavina, L.	A suitable mixed mode I/II test specimen for fracture toughness study of polyurethane foam with different cell densities	THEORETICAL AND APPLIED FRACTURE MECHANICS	117		http://dx.doi.org/10.1016/j.tafmec.2021.103171	2022	13	WOS:000727787000004	View Full Record in Web of Science
199	Fakhte, Saeed; Matekovits, Ladislau	Controlling frequency distance between individual modes of dielectric resonator nanoantenna using uniaxial anisotropic materials	RADIATION PHYSICS AND CHEMISTRY	190		http://dx.doi.org/10.1016/j.radphyschem.2021.109812	2022	5	WOS:000709736300008	View Full Record in Web of Science
200	Miclea, Diana; Osan, Sergiu; Bucerzan, Simona; Stefan, Delia; Popp, Radu; Mager, Monica; Puiu, Maria; Zimbru, Cristian; Chirita-Emandi, Adela; Alkhzouz, Camelia	Copy number variation analysis in 189 Romanian patients with global developmental delay/intellectual disability	ITALIAN JOURNAL OF PEDIATRICS	48	1	http://dx.doi.org/10.1186/s13052-022-01397-1	2022	7	WOS:000906192700001	View Full Record in Web of Science
201	Negrea, Sorina; Andelesc, Adelina A.; Ilies (b Motoc), Sorina; Cretu, Carmen; Cseh, Liliana; Rastei, Mircea; Donnio, Bertrand; Szerb, Elisabeta, I; Manea, Florica	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	NANOMATERIALS	12	23	http://dx.doi.org/10.3390/nano12234215	2022	15	WOS:000897512900001	View Full Record in Web of Science

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202	Talpos-Niculescu, Ioana Cristina; Farkas, Andrei Zoltan; Lungeanu, Diana; Argesanu, Veronica; Anghel, Mirella Dorina; Nagib, Riham	Perception and Knowledge of Dental Ergonomics among Romanian Dental Students	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	24	http://dx.doi.org/10.3390/ijerph192416988	2022	10	WOS:000900988300001	View Full Record in Web of Science
203	Benis, Arriel; Grosjean, Julien; Billey, Kevin; Montanha, Gustavo; Dornauer, Verena; Crisan-Vida, Mihaela; Hackl, Werner O.; Stoicu-Tivadar, Lacramioara; Darmoni, Stefan J.	Medical informatics and digital health multilingual ontology (MIMO): A tool to improve international collaborations	INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS	167		http://dx.doi.org/10.1016/j.ijmedinf.2022.104860	2022	8	WOS:000890630500003	View Full Record in Web of Science
204	Tleuken, Aidana; Turkiyilmaz, Ali; Sovetbek, Magzhan; Durdyev, Serdar; Guney, Mert; Tokazhanov, Galym; Wiechetek, Lukasz; Pastuszak, Zbigniew; Draghici, Anca; Boatca, Maria Elena; Dermol, Valerij; Trunk, Nada; Tokbolat, Serik; Dolidze, Tamar; Yola, Lin; Avcu, Egemen; Kim, Jong; Karaca, Ferhat	Effects of the residential built environment on remote work productivity and satisfaction during COVID-19 lockdowns: An analysis of workers' perceptions	BUILDING AND ENVIRONMENT	219		http://dx.doi.org/10.1016/j.buildenv.2022.109234	2022	11	WOS:000896593100004	View Full Record in Web of Science
205	Ianos, Robert; Rus, Iulia; Lazau, Radu; Pacurariu, Cornelia	Near-infrared reflective Ni, La-doped hibonite pigments for cool blue coatings	CERAMICS INTERNATIONAL	48	23	http://dx.doi.org/10.1016/j.ceramint.2022.08.021	2022	9	WOS:000896890300004	View Full Record in Web of Science
206	Bolocan, Vlad; Valsan, Dragos; Ercuta, Aurel; Craciunescu, Corneliu-Marius	Actuating Bimorph Microstructures with Magnetron-Sputtered Ti-Ni-Cu Shape Memory Alloy Films	NANOMATERIALS	12	23	http://dx.doi.org/10.3390/nano12234207	2022	18	WOS:000896091000001	View Full Record in Web of Science
207	Szedlak-Stinean, Alexandra-Iulia; Precup, Radu-Emil; Petriu, Emil M.; Roman, Raul-Cristian; Hedrea, Elena-Lorena; Bojan-Dragos, Claudia-Adina	Extended Kalman filter and Takagi-Sugeno fuzzy observer for a strip winding system	EXPERT SYSTEMS WITH APPLICATIONS	208		http://dx.doi.org/10.1016/j.eswa.2022.118215	2022	15	WOS:000891297700001	View Full Record in Web of Science
208	Artene, Alin Emanuel; Cioca, Lucian-Ionel; Domil, Aura Emanuela; Ivascu, Larisa; Burca, Valentin; Bogdan, Oana	The Macroeconomic Implications of the Transition of the Forestry Industry towards Bioeconomy	FORESTS	13	11	http://dx.doi.org/10.3390/f13111961	2022	25	WOS:000894903400001	View Full Record in Web of Science
209	Segneanu, Adina-Elena; Vlase, Gabriela; Lukinich-Gruia, Alexandra Teodora; Herea, Dumitru-Daniel; Grozescu, Ioan	Untargeted Metabolomic Approach of Curcuma longa to Neurodegenerative Phytocarrrier System Based on Silver Nanoparticles	ANTIOXIDANTS	11	11	http://dx.doi.org/10.3390/antiox11112261	2022	36	WOS:000894672700001	View Full Record in Web of Science
210	Borkowski, Lucasz; Grudziecki, Jan; Kotelko, Maria; Ungureanu, Viorel; Dubina, Dan	Ultimate and post-ultimate behaviour of thin-walled cold-formed steel open-section members under eccentric compression. Part II: Experimental study	THIN-WALLED STRUCTURES	171		http://dx.doi.org/10.1016/j.tws.2021.108802	2022	14	WOS:000755812700068	View Full Record in Web of Science
211	Heinosari, Teiko; Jivulescu, Maria Anastasia; Nechita, Ion	Order preserving maps on quantum measurements	QUANTUM	6		http://dx.doi.org/10.22331/q-2022-11-03-851	2022	32	WOS:000891301300001	View Full Record in Web of Science
212	Hadaruga, Nicoleta Gabriela; Chirila, Cosmina Andrea; Szakal, Raymond Nandy; Galan, Iulia Maria; Simandi, Marius Daniel; Bujanca, Gabriel Stelian; David, Ioan; Ravis, Adrian; Stanciu, Sorin Mihai; Hadaruga, Daniel Ioan	FTIR-PCA Approach on Raw and Thermally Processed Chicken Lipids Stabilized by Nano-Encapsulation in beta-Cyclodextrin	FOODS	11	22	http://dx.doi.org/10.3390/foods11223632	2022	21	WOS:000887179300001	View Full Record in Web of Science
213	Csereoka, Petra; Roman, Bogdan-Ionut; Micea, Mihai Victor; Popa, Calin-Adrian	Novel Reinforcement Learning Research Platform for Role-Playing Games	MATHEMATICS	10	22	http://dx.doi.org/10.3390/math10224363	2022	12	WOS:000887345100001	View Full Record in Web of Science
214	Ene, Remus-Daniel; Pop, Nicolina; Lapadat, Marioara; Dungan, Luisa	Approximate Closed-Form Solutions for the Maxwell-Bloch Equations via the Optimal Homotopy Asymptotic Method	MATHEMATICS	10	21	http://dx.doi.org/10.3390/math10214118	2022	13	WOS:000883488300001	View Full Record in Web of Science

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215	Barbulescu, Greta Ionela; Bojin, Florina Maria; Ordodi, Valentin Laurentiu; Goje, Iacob Daniel; Barbulescu, Andreea Severina; Paunescu, Virgil	Decellularized Extracellular Matrix Scaffolds for Cardiovascular Tissue Engineering: Current Techniques and Challenges	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	21	http://dx.doi.org/10.3390/ijms232113040	2022	29	WOS:000882240300001	View Full Record in Web of Science
216	Vica, Mihaela Laura; Glevitzky, Mirel; Dumitrel, Gabriela-Alina; Bostan, Roxana; Matei, Horea Vladi; Kartalska, Yordanka; Popa, Maria	Qualitative Characterization and Antifungal Activity of Romanian Honey and Propolis	ANTIBIOTICS-BASEL	11	11	http://dx.doi.org/10.3390/antibiotics1111552	2022	19	WOS:000883416800001	View Full Record in Web of Science
217	Mocuta, Daliana-Emanuela; Miron, Mariana I.; Lungeanu, Diana; Mateas, Marius; Ogodescu, Emilia; Todea, Carmen D.	Laser Er:YAG-Assisted Debonding May Be a Viable Alternative to the Conventional Method for Monocrystalline Ceramic Brackets	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	21	http://dx.doi.org/10.3390/ijerph192114564	2022	13	WOS:000883142300001	View Full Record in Web of Science
218	Bordeasu, Dorin; Prostean, Octavian; Filip, Ioan; Dragan, Florin; Vasar, Cristian	Modelling, Simulation and Controlling of a Multi-Pump System with Water Storage Powered by a Fluctuating and Intermittent Power Source	MATHEMATICS	10	21	http://dx.doi.org/10.3390/math10214019	2022	24	WOS:000883571300001	View Full Record in Web of Science
219	Van Spanning, Rob J. M.; Guan, Qingtian; Melkonian, Chrats; Gallant, James; Polerecky, Lubos; Flot, Jean-Francois; Brandt, Bernd W.; Braster, Martin; Espinoza, Paul Iturbe; Acerts, Joost W.; Meima-Franke, Marion M.; Piersma, Sander R.; Bunduc, Catalin M.; Ummels, Roy; Pain, Arnab; Fleming, Emily J.; Van der Wel, Nicole N.; Gherman, Vasile D.; Sarbu, Serban M.; Bodelier, Paul L. E.; Bitter, Wilbert	Methanotrophy by a Mycobacterium species that dominates a cave microbial ecosystem	NATURE MICROBIOLOGY	7	12	http://dx.doi.org/10.1038/s41564-022-01252-3	2022	19	WOS:000878446100002	View Full Record in Web of Science
220	Frent, Olimpia; Vicas, Laura; Duteanu, Narcis; Morgovan, Claudia; Jurca, Tunde; Pallag, Annamaria; Muresan, Mariana; Filip, Sanda; Lucaciu, Roxana-Liana; Marian, Eleonora	Sodium Alginate-Natural Microencapsulation Material of Polymeric Microparticles	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	20	http://dx.doi.org/10.3390/ijms232012108	2022	24	WOS:000872878400001	View Full Record in Web of Science
221	Lugoian, Sorin; Ciurdariu, Loredana; Grecu, Eugenia	Another Case of Degenerated Discrete Chenciner Dynamic System and Economics	MATHEMATICS	10	20	http://dx.doi.org/10.3390/math10203782	2022	19	WOS:000872997400001	View Full Record in Web of Science
222	Matusoiu, Florin; Negrea, Adina; Nemes, Nicoleta Sorina; Ianasi, Catalin; Ciopec, Mihaela; Negrea, Petru; Duteanu, Narcis; Ianasi, Paula; Duda-Seiman, Daniel; Muntean, Delia	Antimicrobial Perspectives of Active SiO ₂ /Fe ₃ O ₄ /ZnO Composites	PHARMACEUTICS	14	10	http://dx.doi.org/10.3390/pharmaceutics14102063	2022	16	WOS:000876019700001	View Full Record in Web of Science
223	Merghes, Petru; Ilia, Gheorghe; Hulka, Iosif; Chiriac, Vlad; Varan, Narcis; Simulescu, Vasile	The Influence of Boron on the Structure and Properties of Hybrid Compounds Containing Zirconium and Phosphorus	GELS	8	10	http://dx.doi.org/10.3390/gels8100667	2022	11	WOS:000875261300001	View Full Record in Web of Science
224	Vasilescu, Corina; Marc, Simona; Hulka, Iosif; Paul, Cristina	Enhancement of the Catalytic Performance and Operational Stability of Sol-Gel-Entrapped Cellulase by Tailoring the Matrix Structure and Properties	GELS	8	10	http://dx.doi.org/10.3390/gels8100626	2022	28	WOS:000875190400001	View Full Record in Web of Science
225	Papaphilippou, Petri Ch; Marinica, Oana Maria; Tanasa, Eugenia; Mpekris, Fotios; Stylianopoulos, Triantafyllos; Socoliuc, Vlad; Krasia-Christoforou, Theodora	Ofloxacin Removal from Aqueous Media by Means of Magnetoactive Electrospun Fibrous Adsorbents	NANOMATERIALS	12	20	http://dx.doi.org/10.3390/nano12203648	2022	20	WOS:000873840300001	View Full Record in Web of Science

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227	Mozafari, Hozhabr; Distefano, Fabio; Epasto, Gabriella; Gu, Linxia; Linul, Emanoil; Crupi, Vincenzo	Design of an Innovative Hybrid Sandwich Protective Device for Offshore Structures	JOURNAL OF MARINE SCIENCE AND ENGINEERING	10	10	http://dx.doi.org/10.3390/jmse10101385	2022	21	WOS:000873003800001	View Full Record in Web of Science
228	Muntean, S. G.; Halip, L.; Nistor, M. A.; Pacurariu, C.	Efficient separation and removal of dyes from single and multiple systems by magnetic/silver/carbon nanocomposite: Mechanism and mathematical modeling	SUSTAINABLE CHEMISTRY AND PHARMACY	29		http://dx.doi.org/10.1016/j.scp.2022.100802	2022	18	WOS:000873992700002	View Full Record in Web of Science
229	Dragomir, Cristina; Popescu, Roxana; Jurca, Monica Alisa; Laza, Ruxandra; Florian, Roxana Ivan; Dragomir, Ion; Negrea, Romeo; Craina, Marius; Dehelean, Cristina Adriana	Postpartum Maternal Emotional Disorders and the Physical Health of Mother and Child	PSYCHOLOGY RESEARCH AND BEHAVIOR MANAGEMENT	15		http://dx.doi.org/10.2147/PRBM.S382073	2022	14	WOS:000875689400001	View Full Record in Web of Science
230	Motoc, Sorina; Manea, Florica; Baci, Anamaria; Vasile, Sergiu; Pop, Aniela	Highly sensitive and simultaneous electrochemical determinations of non-steroidal anti-inflammatory drugs in water using nanostructured carbon-based paste electrodes	SCIENCE OF THE TOTAL ENVIRONMENT	846		http://dx.doi.org/10.1016/j.scitotenv.2022.157412	2022	9	WOS:000867766000006	View Full Record in Web of Science
231	Topirceanu, Alexandru	Benchmarking Cost-Effective Opinion Injection Strategies in Complex Networks	MATHEMATICS	10	12	http://dx.doi.org/10.3390/math10122067	2022	16	WOS:000870317600001	View Full Record in Web of Science
232	Ivascu, Larisa; Arulanandam, Benedict Valentine; Artene, Alin; Selvarajah, Prema; Ching, Lim Fung; Ragunathan, Chitra Devi	Tertiary students maintaining control over depression, anxiety, and stress during the pandemic-An emerging market perspective	FRONTIERS IN PSYCHOLOGY	13		http://dx.doi.org/10.3389/fpsyg.2022.990192	2022	14	WOS:000868571000001	View Full Record in Web of Science
233	Simon, Simona; Farcasiu, Marcela Alina; Dragomir, Gabriel-Mugurel	Cultural Perspectives, Feelings and Coping Behaviors during the COVID-19 Pandemic: A Case Study of Romanian Students	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	19	http://dx.doi.org/10.3390/ijerph191912445	2022	17	WOS:000868003000001	View Full Record in Web of Science
234	Vica, Mihaela Laura; Delcea, Cristian; Dumitre, Gabriela Alina; Vuscan, Mihaela Elvira; Matei, Horea Vladi; Teodoru, Cosmin Adrian; Siserman, Costel Vasile	The Influence of HLA Alleles on the Affective Distress Profile	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	19	http://dx.doi.org/10.3390/ijerph191912608	2022	11	WOS:000868015700001	View Full Record in Web of Science
235	Pozna, Claudiu; Precup, Radu-Emil; Horvath, Emo; Petriu, Emil M.	Hybrid Particle Filter-Particle Swarm Optimization Algorithm and Application to Fuzzy Controlled Servo Systems	IEEE TRANSACTIONS ON FUZZY SYSTEMS	30	10	http://dx.doi.org/10.1109/TFUZZ.2022.3146986	2022	12	WOS:000864186200025	View Full Record in Web of Science
236	Marsavina, Liviu; Valean, Cristina; Marghitas, Mihai; Linul, Emanoil; Razavi, Nima; Berto, Filippo; Brighenti, Roberto	Effect of the manufacturing parameters on the tensile and fracture properties of FDM 3D-printed PLA specimens	ENGINEERING FRACTURE MECHANICS	274		http://dx.doi.org/10.1016/j.engfracmech.2022.108766	2022	15	WOS:000859856700001	View Full Record in Web of Science
237	Stoia, Dan Ioan; Linul, Emanoil; Marsavina, Liviu	Mixed-mode I/II fracture properties of selectively laser sintered polyamide	THEORETICAL AND APPLIED FRACTURE MECHANICS	121		http://dx.doi.org/10.1016/j.tafmec.2022.103527	2022	11	WOS:000858451000002	View Full Record in Web of Science
238	Ungureanu, Viorel; Both, Ioan; Kotelko, Maria; Czechowski, Leszek; Bodea, Florin; Dubina, Dan	Buckling strength and post-ultimate behaviour of lipped channel section short columns under eccentric compression	THIN-WALLED STRUCTURES	181		http://dx.doi.org/10.1016/j.tws.2022.110085	2022	17	WOS:000860506800004	View Full Record in Web of Science
239	Bernad, Sandor, I; Socoliuc, Vlad; Susan-Resiga, Daniela; Craciunescu, Izabell; Turcu, Rodica; Tombacz, Etelka; Vekas, Ladislau; Ioncica, Maria C.; Bernad, Elena S.	Magnetoresponsive Functionalized Nanocomposite Aggregation Kinetics and Chain Formation at the Targeted Site during Magnetic Targeting	PHARMACEUTICS	14	9	http://dx.doi.org/10.3390/pharmaceutics14091923	2022	21	WOS:000859728200001	View Full Record in Web of Science

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241	Liao, Kaiju; Xu, Wei; Bai, Lili; Gong, Yifan; Ismail, Moustafa Magdi; Boldea, Ion	Improved Position Sensorless Piston Stroke Control Method for Linear Oscillatory Machine via an Hybrid Terminal Sliding-Mode Observer	IEEE TRANSACTIONS ON POWER ELECTRONICS	37	12	http://dx.doi.org/10.1109/TPEL.2022.3188828	2022	12	WOS:000849354800027	View Full Record in Web of Science
242	Herisanu, Nicolae; Marinca, Bogdan; Marinca, Vasile	Dynamics of the Vibro-Impact Nonlinear Damped and Forced Oscillator under the Influence of the Electromagnetic Actuation	MATHEMATICS	10	18	http://dx.doi.org/10.3390/math10183301	2022	16	WOS:000857592600001	View Full Record in Web of Science
243	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Dan, Mircea; Boran, Sorina	Crystal Violet Adsorption on Eco-Friendly Lignocellulosic Material Obtained from Motherwort (Leonurus cardiaca L.) Biomass	POLYMERS	14	18	http://dx.doi.org/10.3390/polym14183825	2022	17	WOS:000856988400001	View Full Record in Web of Science
244	Daminescu, Diana; Duteanu, Narcis; Ciopec, Mihaela; Negrea, Adina; Negrea, Petru; Nemes, Nicoleta Sorina; Berbeca, Adina; Dobra, Gheorghe; Iliev, Sorin; Cotet, Lucian; Boiangiu, Alina; Filipescu, Laurentiu	Scandium Recovery from Aqueous Solution by Adsorption Processes in Low-Temperature-Activated Alumina Products	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	17	http://dx.doi.org/10.3390/ijms231710142	2022	20	WOS:000851088800001	View Full Record in Web of Science
245	Curia, Christian-Daniel; Doboli, Alex; Curia, Daniel-Ioan	Co-Occurrence-Based Double Thresholding Method for Research Topic Identification	MATHEMATICS	10	17	http://dx.doi.org/10.3390/math10173115	2022	10	WOS:000851651300001	View Full Record in Web of Science
246	Paulescu, Iulia; Dreava, Diana-Maria; Bitcan, Ioan; Argetoianu, Raluca; Daescu, Diana; Medeleanu, Mihai	Bio-Based pH Indicator Films for Intelligent Food Packaging Applications	POLYMERS	14	17	http://dx.doi.org/10.3390/polym14173622	2022	13	WOS:000851945000001	View Full Record in Web of Science
247	Ahmed, Shady E.; Dabaghian, Pedram H.; San, Omer; Bistriian, Diana A.; Navon, Ionel M.	Dynamic mode decomposition with core sketch	PHYSICS OF FLUIDS	34	6	http://dx.doi.org/10.1063/5.0095163	2022	13	WOS:000829927300004	View Full Record in Web of Science
248	Vasilescu, Corina; Paul, Cristina; Marc, Simona; Hulka, Iosif; Peter, Francisc	Development of a Tailored Sol-Gel Immobilized Biocatalyst for Sustainable Synthesis of the Food Aroma Ester n-Amyl Caproate in Continuous Solventless System	FOODS	11	16	http://dx.doi.org/10.3390/foods11162485	2022	23	WOS:000846142000001	View Full Record in Web of Science
249	Cocheci, Laura; Lupa, Lavinia; Tolea, Nick Samuel; Lazau, Radu; Pode, Rodica	IL-Functionalized Mg3Al-LDH as New Efficient Adsorbent for Pd Recovery from Aqueous Solutions	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	16	http://dx.doi.org/10.3390/ijms23169107	2022	22	WOS:000845801600001	View Full Record in Web of Science
250	Sun, Jianmin; Sarfraz, Muddassar; Ivascu, Larisa; Iqbal, Kashif; Mansoor, Athar	How Did Work-Related Depression, Anxiety, and Stress Hamper Healthcare Employee Performance during COVID-19? The Mediating Role of Job Burnout and Mental Health	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	16	http://dx.doi.org/10.3390/ijerph191610359	2022	18	WOS:000845880700001	View Full Record in Web of Science
251	Boldea, Ion; Tutelea, Lucian Nicolae; Popa, Ana Adela	Claw Pole Synchronous Motors/Generators (CP-SMs/Gs) Design and Control: Recent Progress	IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS	10	4	http://dx.doi.org/10.1109/JESTPE.2021.3125044	2022	9	WOS:000838680000087	View Full Record in Web of Science
252	Gavruta, Pasc; Manolescu, Laura	New classes of Picard operators	JOURNAL OF FIXED POINT THEORY AND APPLICATIONS	24	3	http://dx.doi.org/10.1007/s11784-022-00973-6	2022	10	WOS:000841229900001	View Full Record in Web of Science

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253	Pausescu, Iulia; Kantor, Izolda; Babos, Gyorgy; May, Zoltan; Fodor-Kardos, Andrea; Miskolczy, Zsombor; Biczok, Laszlo; Peter, Francisc; Medeleanu, Mihai; Feczko, Tivadar	Halochromic Behavior and Anticancer Effect of New Synthetic Anthocyanidins Complexed with beta-Cyclodextrin Derivatives	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	15	http://dx.doi.org/10.3390/ijms23158103	2022	18	WOS:000838980400001	View Full Record in Web of Science
254	Cveticanin, Ljivja; Herisanu, Nicolae; Ninkov, Ivona; Jovanovic, Mladen	New Closed-Form Solution for Quadratic Damped and Forced Nonlinear Oscillator with Position-Dependent Mass: Application in Grafted Skin Modeling	MATHEMATICS	10	15	http://dx.doi.org/10.3390/math10152706	2022	15	WOS:000839926000001	View Full Record in Web of Science
255	Lupa, Nicolae; Popescu, Liviu Horia	Generalized exponential behavior on the half-line via evolution semigroups	CARPATHIAN JOURNAL OF MATHEMATICS	38	3	http://dx.doi.org/10.37193/CJM.2022.03.14	2022	15	WOS:000837236000001	View Full Record in Web of Science
256	Ursu, Daniel; Vajda, Melinda; Miclau, Marinela	Highly efficient dye-sensitized solar cells for wavelength-selective greenhouse: A promising agrivoltaic system	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	46	13	http://dx.doi.org/10.1002/er.8469	2022	12	WOS:000837571000001	View Full Record in Web of Science
257	Cadariu, Liviu; Manolescu, Laura	Fixed points and the stability of the linear functional equations in a single variable	CARPATHIAN JOURNAL OF MATHEMATICS	38	3	http://dx.doi.org/10.37193/CJM.2022.03.20	2022	8	WOS:000837202700001	View Full Record in Web of Science
258	Rinjea, Constanta; Chivu, Oana Roxana; Darabont, Doru-Costin; Feier, Anamaria Ioana; Borda, Claudia; Gheorghe, Marilena; Nitoi, Dan Florin	Influence of the Thermal Environment on Occupational Health and Safety in Automotive Industry: A Case Study	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	14	http://dx.doi.org/10.3390/ijerph19148572	2022	13	WOS:000833849800001	View Full Record in Web of Science
259	Segneanu, Adina-Elena; Marin, Catalin Nicolae; Herea, Dumitru Daniel; Stanusoiu, Ionut; Muntean, Cornelia; Grozescu, Ioan	Romanian Viscum album L.-Untargeted Low-Molecular Metabolomic Approach to Engineered Viscum-AuNPs Carrier Assembly	PLANTS-BASEL	11	14	http://dx.doi.org/10.3390/plants11141820	2022	23	WOS:000833885500001	View Full Record in Web of Science
260	Mahadevaswamy, M.; Paniyadi, Srilatha Rao; Lakshmikanthan, Avinash; Swamirayachar, Sowmyashree Ayachith; Chandrashekarappa, Manjunath Patel Gowdru; Giasin, Khaled; Shivaraju, Vasantha Kumar; Chougala, Malliarjuna B.; Linul, Emanoil	Plant-mediated synthesis of NiO(II) from Lantana camara flowers: a study of photo-catalytic, electrochemical, and biological activities	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	19		http://dx.doi.org/10.1016/j.jmrt.2022.06.166	2022	14	WOS:000832918000003	View Full Record in Web of Science
261	Putz, Ana-Maria; Ivankov, Oleksandr I.; Kuklin, Alexander, I; Ryukhtin, Vasyi; Ianasi, Catalin; Ciopec, Mihaela; Negrea, Adina; Trif, Laszlo; Horvath, Zsolt Endre; Almasy, Laszlo	Ordered Mesoporous Silica Prepared in Different Solvent Conditions: Application for Cu(II) and Pb(II) Adsorption	GELS	8	7	http://dx.doi.org/10.3390/gels8070443	2022	17	WOS:000833708200001	View Full Record in Web of Science
262	Filimon, Anca; Dobos, Adina Maria; Dumbrava, Oana; Doroftei, Florica; Lupa, Lavinia	Green Blends Based on Ionic Liquids with Improved Performance for Membrane Technology: Perspectives for Environmental Applications	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	23	14	http://dx.doi.org/10.3390/ijms23147961	2022	19	WOS:000831696200001	View Full Record in Web of Science
263	Ienascu, Ioana Maria Carmen; Cata, Adina; Stefanut, Mariana Nela; Popescu, Iuliana; Rusu, Gerlinda; Sfirloaga, Paula; Ursu, Daniel; Mosoarca, Cristina; Dabici, Anamaria; Danciu, Corina; Muntean, Delia; Pop, Raluca	Novel Chloro-Substituted Salicylanilide Derivatives and Their beta-Cyclodextrin Complexes: Synthesis, Characterization, and Antibacterial Activity	BIOMEDICINES	10	7	http://dx.doi.org/10.3390/biomedicines10071740	2022	14	WOS:000832440300001	View Full Record in Web of Science
264	Paulescu, Marius; Stefu, Nicoleta; Dughir, Ciprian; Sabadus, Andreea; Calinoiu, Delia; Badescu, Viorel	A simple but accurate two-state model for nowcasting PV power	RENEWABLE ENERGY	195		http://dx.doi.org/10.1016/j.renene.2022.05.056	2022	9	WOS:000823745100001	View Full Record in Web of Science

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266	Binzar, Tudor	Almost strongly fuzzy bounded operators with applications to fuzzy spectral theory	FUZZY SETS AND SYSTEMS	444		http://dx.doi.org/10.1016/j.fss.2021.11.011	2022	13	WOS:000817940200007	View Full Record in Web of Science
267	Ivascu, Larisa; Pavel, Codruta Daniela; Sarfraz, Muddassar; Arulanandam, Benedict Valentine; Tan, Hong Yip	An Exploratory Study on Corporate Governance From Neuro-Governance Lenses in the Malaysian Context	FRONTIERS IN PSYCHOLOGY	13		http://dx.doi.org/10.3389/fpsyg.2022.911907	2022	18	WOS:000818476200001	View Full Record in Web of Science
268	Moaca, Elena-Alina; Watz, Claudia Geanina; Flondor (Ionescu), Daniela; Pacurariu, Cornelia; Tudoran, Lucian Barbu; Ianos, Robert; Socoliuc, Vlad; Draghici, George-Andrei; Iftode, Andrada; Liga, Sergio; Dragos, Dan; Dehelean, Cristina Adriana	Biosynthesis of Iron Oxide Nanoparticles: Physico-Chemical Characterization and Their In Vitro Cytotoxicity on Healthy and Tumorigenic Cell Lines	NANOMATERIALS	12	12	http://dx.doi.org/10.3390/nano12122012	2022	24	WOS:000816457500001	View Full Record in Web of Science
269	Ivascu, Larisa; Domil, Aura; Sarfraz, Muddassar; Bogdan, Oana; Burca, Valentin; Pavel, Codruta	New insights into corporate sustainability, environmental management and corporate financial performance in European Union: an application of VAR and Granger causality approach	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	29	55	http://dx.doi.org/10.1007/s11356-022-21642-8	2022	17	WOS:000815757400004	View Full Record in Web of Science
270	Porojan, Liliana; Toma, Flavia Roxana; Birdeanu, Mihaela Ionela; Vasiliu, Roxana Diana; Utu, Ion-Dragos; Matchescu, Anamaria	Surface Characteristics and Color Stability of Dental PEEK Related to Water Saturation and Thermal Cycling	POLYMERS	14	11	http://dx.doi.org/10.3390/polym14112144	2022	13	WOS:000808970900001	View Full Record in Web of Science
271	Yu, Songbo; Abbas, Jaffar; Draghici, Anca; Negulescu, Oriana Helena; Ain, Noor Ul	Social Media Application as a New Paradigm for Business Communication: The Role of COVID-19 Knowledge, Social Distancing, and Preventive Attitudes	FRONTIERS IN PSYCHOLOGY	13		http://dx.doi.org/10.3389/fpsyg.2022.903082	2022	17	WOS:000806292800001	View Full Record in Web of Science
272	Stoloiu-Crisan, Cristina; Butunoi, Bogdan-Petru; Crisan, Calin	An IoT Based Smart Irrigation System	IEEE CONSUMER ELECTRONICS MAGAZINE	11	3	http://dx.doi.org/10.1109/MCE.2021.3084123	2022	9	WOS:000803109700008	View Full Record in Web of Science
273	Ailinei, Iulian-Ionut; Galatanu, Sergiu-Valentin; Marsavina, Liviu	Influence of anisotropy on the cold bending of S600MC sheet metal	ENGINEERING FAILURE ANALYSIS	137		http://dx.doi.org/10.1016/j.engfailanal.2022.106206	2022	12	WOS:000803798200001	View Full Record in Web of Science
274	Chieffo, N.; Formisano, A.; Landolfo, R.; Milani, G.	A vulnerability index based-approach for the historical centre of the city of Latronico (Potenza, Southern Italy)	ENGINEERING FAILURE ANALYSIS	136		http://dx.doi.org/10.1016/j.engfailanal.2022.106207	2022	19	WOS:000803811300004	View Full Record in Web of Science
275	Mosoarca, Giannin; Popa, Simona; Vancea, Cosmin; Dan, Mircea; Boran, Sorina	Removal of Methylene Blue from Aqueous Solutions Using a New Natural Lignocellulosic Adsorbent-Raspberry (Rubus idaeus) Leaves Powder	POLYMERS	14	10	http://dx.doi.org/10.3390/polym14101966	2022	17	WOS:000803656800001	View Full Record in Web of Science

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277	Lugoian, Sorin; Ciurdariu, Loredana; Grecu, Eugenia	Chenciner Bifurcation Presenting a Further Degree of Degeneration	MATHEMATICS	10	9	http://dx.doi.org/10.3390/math10091603	2022	17	WOS:000799292800001	View Full Record in Web of Science
278	Mutascu, Mihai Ioan; Albulescu, Claudiu Tiberiu; Apergis, Nicholas; Magazzino, Cosimo	Do gasoline and diesel prices co-move? Evidence from the time-frequency domain	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	29	45	http://dx.doi.org/10.1007/s11356-022-20517-2	2022	20	WOS:000794109800002	View Full Record in Web of Science
279	Ivascu, Larisa; Domil, Aura Emanuela; Artene, Alin Emanuel; Bogdan, Oana; Burca, Valentin; Pavel, Codruta	Psychological and Behavior Changes of Consumer Preferences During COVID-19 Pandemic Times: An Application of GLM Regression Model	FRONTIERS IN PSYCHOLOGY	13		http://dx.doi.org/10.3389/fpsyg.2022.879368	2022	18	WOS:000796198300001	View Full Record in Web of Science
280	Stangaciu, Cristina Sorina; Capota, Eugenia Ana; Stangaciu, Valentin; Micea, Mihai Victor; Curia, Daniel Ioan	A Hardware-Aware Application Execution Model in Mixed-Criticality Internet of Things	MATHEMATICS	10	9	http://dx.doi.org/10.3390/math10091537	2022	21	WOS:000794782000001	View Full Record in Web of Science
281	Sarfraz, Muddassar; Khawaja, Kausar Fiaz; Ivascu, Larisa	Factors affecting business school students' performance during the COVID-19 pandemic: A moderated and mediated model	INTERNATIONAL JOURNAL OF MANAGEMENT EDUCATION	20	2	http://dx.doi.org/10.1016/j.ijme.2022.100630	2022	12	WOS:000783859800002	View Full Record in Web of Science
282	Precup, Radu-Emil; Preitl, Stefan; Bojan-Dragos, Claudia-Adina; Hedrea, Elena-Lorena; Roman, Raul-Cristian; Petriu, Emil M.	A LOW-COST APPROACH TO DATA-DRIVEN FUZZY CONTROL OF SERVO SYSTEMS	FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING	20	1	http://dx.doi.org/10.22190/FUME220111005P	2022	16	WOS:000786474000002	View Full Record in Web of Science
283	Ciopec, Mihaela; Grad, Oana; Negrea, Adina; Duteanu, Narcis; Negrea, Petru; Voda, Raluca; Ianasi, Catalin	Highly Efficient Recovery of Ruthenium from Aqueous Solutions by Adsorption Using Dibenzo-30-Crown-10 Doped Chitosan	POLYMERS	14	8	http://dx.doi.org/10.3390/polym14081551	2022	19	WOS:000785195000001	View Full Record in Web of Science
284	Lazau, Radu; Ianos, Robert; Pacurariu, Cornelia; Capraru, Aylin	Comparative study on SrAl2O4 formation using different approaches	CERAMICS INTERNATIONAL	48	9	http://dx.doi.org/10.1016/j.ceramint.2022.01.205	2022	6	WOS:000783316200005	View Full Record in Web of Science
285	Mitelea, Ion; Bordeasu, Ilare; Riemschneider, Eduard; Utu, Dragos; Craciunescu, Corneliu Marius	Cavitation erosion improvement following TiG surface-remelting of gray cast iron	WEAR	496		http://dx.doi.org/10.1016/j.wear.2022.204282	2022	10	WOS:000783577300001	View Full Record in Web of Science
286	Laedre, Sigrid; Craciunescu, Corneliu M.; Khoza, Thulile; Vaszilcsin, Nicolae; Kellenberger, Andrea; Bolocan, Vlad; Mitelea, Ion; Ercuta, Aurel	Issues regarding bipolar plate-gas diffusion layer interfacial contact resistance determination	JOURNAL OF POWER SOURCES	530		http://dx.doi.org/10.1016/j.jpowsour.2022.231275	2022	7	WOS:000783079400001	View Full Record in Web of Science

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288	Novaconi, Stefan Danica; Ivanovici, Madalina; Rus, Florina Stefania	Predictable building enveloping based on enhanced glass foam insulation with heat reflective properties	JOURNAL OF BUILDING ENGINEERING	46		http://dx.doi.org/10.1016/j.jobc.2021.103702	2022	13	WOS:000776182300002	View Full Record in Web of Science
289	Boldea, Ion; Tutelea, Lucian Nicolae; Popa, Ana Adela	Reluctance Synchronous and Flux-Modulation Machines Designs: Recent Progress	IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS	10	2	http://dx.doi.org/10.1109/JESTPE.2021.3133129	2022	20	WOS:000777346600034	View Full Record in Web of Science
290	Volosencu, Constantin	Study of the Angular Positioning of a Rotating Object Based on Some Computational Intelligence Methods	MATHEMATICS	10	7	http://dx.doi.org/10.3390/math10071157	2022	46	WOS:000782019800001	View Full Record in Web of Science
291	Sarfraz, Muddassar; Raza, Mohsin; Khalid, Rimsha; Ivascu, Larisa; Albasher, Gadah; Ozturk, Ilknur	Coronavirus Disease 2019 Safety Measures for Sustainable Tourism: The Mediating Effect of Tourist Trust	FRONTIERS IN PSYCHOLOGY	13		http://dx.doi.org/10.3389/fpsyg.2022.784773	2022	11	WOS:000775058700001	View Full Record in Web of Science
292	Socoliuc, V; Avdeev, M.; V; Kuncser, V; Turcu, Rodica; Tombacz, Etelka; Vekas, L.	Ferrofluids and bio-ferrofluids: looking back and stepping forward	NANOSCALE	14	13	http://dx.doi.org/10.1039/d1nr05841j	2022	101	WOS:000770039300001	View Full Record in Web of Science
293	Matusoiu, Florin; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Svera, Paula; Ianasi, Catalin	Molybdate Recovery by Adsorption onto Silica Matrix and Iron Oxide Based Composites	GELS	8	2	http://dx.doi.org/10.3390/gels8020125	2022	25	WOS:000774981600001	View Full Record in Web of Science
294	Sighencea, Bogdan Ilie; Stanciu, Rares Ion; Sorandaru, Ciprian; Căleanu, Catalin Daniel	The Alpha-Beta Family of Filters to Solve the Threshold Problem: A Comparison	MATHEMATICS	10	6	http://dx.doi.org/10.3390/math10060880	2022	20	WOS:000774078800001	View Full Record in Web of Science
295	Popa, Lucian; Groza, Bogdan; Jichici, Camil; Murvay, Pal-Stefan	ECUPrint-Physical Fingerprinting Electronic Control Units on CAN Buses Inside Cars and SAE J1939 Compliant Vehicles	IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY	17		http://dx.doi.org/10.1109/TIFS.2022.3158055	2022	16	WOS:000772409700008	View Full Record in Web of Science
296	Epee, M. D. Epee; Motapon, O.; Pop, N.; Iacob, F.; Roueff, E.; Schneider, I. F.; Mezei, J. Zs	Dissociative recombination and rotational transitions of D-2(+) in collisions with slow electrons	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	512	1	http://dx.doi.org/10.1093/mnras/stac501	2022	6	WOS:000769069800013	View Full Record in Web of Science
297	Albulescu, Claudiu Tiberiu	Health Care Expenditure in the European Union Countries: New Insights about the Convergence Process	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	4	http://dx.doi.org/10.3390/ijerph19041991	2022	16	WOS:000771479500001	View Full Record in Web of Science
298	Halbac-Cotoara-Zamfir, Rares; Polinesi, Gloria; Chelli, Francesco; Salvati, Luca; Bianchini, Leonardo; Marucci, Alvaro; Colantoni, Andrea	Found in Complexity, Lost in Fragmentation: Putting Soil Degradation in a Landscape Ecology Perspective	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	5	http://dx.doi.org/10.3390/ijerph19052710	2022	16	WOS:000769107900001	View Full Record in Web of Science
299	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Dan, Mircea; Boran, Sorina	The Use of Bilberry Leaves (Vaccinium myrtillus L.) as an Efficient Adsorbent for Cationic Dye Removal from Aqueous Solutions	POLYMERS	14	5	http://dx.doi.org/10.3390/polym14050978	2022	22	WOS:000768735700001	View Full Record in Web of Science
300	Sarfraz, Muddassar; Ji, Xiangbo; Asghar, Muhammad; Ivascu, Larisa; Ozturk, Ilknur	Signifying the Relationship between Fear of COVID-19, Psychological Concerns, Financial Concerns and Healthcare Employees Job Performance: A Mediated Model	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	5	http://dx.doi.org/10.3390/ijerph19052657	2022	24	WOS:000768848900001	View Full Record in Web of Science

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301	Jichici, Camil; Groza, Bogdan; Ragobete, Radu; Murvay, Pal-Stefan; Andreica, Tudor	Effective Intrusion Detection and Prevention for the Commercial Vehicle SAE J1939 CAN Bus	IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS	23	10	http://dx.doi.org/10.1109/TITS.2022.3151712	2022	15	WOS:000764848200001	View Full Record in Web of Science
302	ul Haque, Sufia; Duteanu, Narcis; Nasar, Abu; Inamuddin	Polythiophene-titanium oxide (PTH-TiO2) nanocomposite: As an electron transfer enhancer for biofuel cell anode construction	JOURNAL OF POWER SOURCES	520		http://dx.doi.org/10.1016/j.jpowsour.2021.230867	2022	8	WOS:000763500100006	View Full Record in Web of Science
303	Pasca, Madalina Sofia; Bundau, Olivia; Juratoni, Adina; Caruntu, Bogdan	The Least Squares Homotopy Perturbation Method for Systems of Differential Equations with Application to a Blood Flow Model	MATHEMATICS	10	4	http://dx.doi.org/10.3390/math10040546	2022	14	WOS:000769071600001	View Full Record in Web of Science
304	Mohsin, Muhammad; Jamil, Khalid; Naseem, Sobia; Sarfraz, Muddassar; Ivascu, Larisa	Elongating Nexus Between Workplace Factors and Knowledge Hiding Behavior: Mediating Role of Job Anxiety	PSYCHOLOGY RESEARCH AND BEHAVIOR MANAGEMENT	15		http://dx.doi.org/10.2147/PRBM.S348467	2022	17	WOS:000762119100002	View Full Record in Web of Science
305	Moza, G.; Grecu, E.; Tirtirau, L.	Analysis of a nonlinear financial model	CARPATHIAN JOURNAL OF MATHEMATICS	38	2	http://dx.doi.org/10.37193/CJM.2022.02.17	2022	11	WOS:000761970100001	View Full Record in Web of Science
306	Nemes, Nicoleta Sorina; Ardean, Cristina; Davidescu, Corneliu Mircea; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Paul, Cristina; Duda-Seiman, Daniel; Muntean, Delia	Antimicrobial Activity of Cellulose Based Materials	POLYMERS	14	4	http://dx.doi.org/10.3390/polym14040735	2022	20	WOS:000762823800001	View Full Record in Web of Science
307	Daianu, Dan M.	Samples of Homogeneous Functions	RESULTS IN MATHEMATICS	77	2	http://dx.doi.org/10.1007/s00025-022-01614-7	2022	14	WOS:000757837200001	View Full Record in Web of Science
308	Frent, Olimpia Daniela; Duteanu, Narcis; Teusdea, Alin Cristian; Ciocan, Stefania; Vicas, Laura; Jurca, Tunde; Muresan, Mariana; Pallag, Annamaria; Ianasi, Paula; Marian, Eleonora	Preparation and Characterization of Chitosan-Alginate Microspheres Loaded with Quercetin	POLYMERS	14	3	http://dx.doi.org/10.3390/polym14030490	2022	24	WOS:000754609100001	View Full Record in Web of Science
309	Moza, G.; Constantinescu, D.; Efreim, R.; Bucur, L.; Constantinescu, R.	Analysis of a Class of Lotka-Volterra Systems	QUALITATIVE THEORY OF DYNAMICAL SYSTEMS	21	2	http://dx.doi.org/10.1007/s12346-022-00563-4	2022	25	WOS:000752359200001	View Full Record in Web of Science
310	Gherhes, Vasile; Farcasiu, Marcela Alina; Para, Iulia	Environmental Problems: An Analysis of Students' Perceptions Towards Selective Waste Collection	FRONTIERS IN PSYCHOLOGY	12		http://dx.doi.org/10.3389/fpsyg.2021.803211	2022	16	WOS:000750602900001	View Full Record in Web of Science
311	Ursu, Daniel; Banica, Radu; Vajda, Melinda; Bancasa, Corneliu Birtok; Miclau, Marinela	Investigation of silver nanowires in Zn2SnO4 spheres for enhanced dye-sensitized solar cells performance	JOURNAL OF ALLOYS AND COMPOUNDS	902		http://dx.doi.org/10.1016/j.jallcom.2022.163890	2022	7	WOS:000749776200001	View Full Record in Web of Science
312	Curiac, Christian-Daniel; Baniias, Ovidiu; Micea, Mihai	Evaluating Research Trends from Journal Paper Metadata, Considering the Research Publication Latency	MATHEMATICS	10	2	http://dx.doi.org/10.3390/math10020233	2022	11	WOS:000749810600001	View Full Record in Web of Science
313	Whewell, Emma; Caldwell, Helen; Frydenberg, Mark; Andone, Diana	Changemakers as digital makers: Connecting and co-creating	EDUCATION AND INFORMATION TECHNOLOGIES	27	5	http://dx.doi.org/10.1007/s10639-022-10892-1	2022	23	WOS:000745777700008	View Full Record in Web of Science
314	Kantor, Izolda; Dreava, Diana; Todea, Anamaria; Peter, Francisc; May, Zoltan; Biro, Emese; Babos, Gyoergy; Feezko, Tivadar	Co-Entrapment of Sorafenib and Cisplatin Drugs and iRGD Tumour Homing Peptide by Poly[epsilon-caprolactone-co-(12-hydroxystearate)] Copolymer	BIOMEDICINES	10	1	http://dx.doi.org/10.3390/biomedicines10010043	2022	14	WOS:000746143900001	View Full Record in Web of Science

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315	Dar, Afzal Ahmed; Hameed, Javaria; Huo, Chunhui; Sarfraz, Muddassar; Albasher, Gadah; Wang, Chuanyi; Nawaz, Ahsan	Recent optimization and panelizing measures for green energy projects; insights into CO2 emission influencing to circular economy	FUEL	314		http://dx.doi.org/10.1016/j.fuel.2021.123094	2022	10	WOS:000743194400002	View Full Record in Web of Science
316	Motoc, Sorina; Manea, Florica; Baci, Anamaria; Orha, Corina; Pop, Aniela	Electrochemical Method for Ease Determination of Sodium Diclofenac Trace Levels in Water Using Graphene-Multi-Walled Carbon Nanotubes Paste Electrode	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	19	1	http://dx.doi.org/10.3390/ijerph19010029	2022	16	WOS:000741433600001	View Full Record in Web of Science
317	Albulescu, Claudiu Tiberiu; Boatca-Barabas, Maria-Elena; Diaconescu, Andra	The asymmetric effect of environmental policy stringency on CO2 emissions in OECD countries	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	29	18	http://dx.doi.org/10.1007/s11356-021-18267-8	2022	17	WOS:000737755600013	View Full Record in Web of Science
318	Taranu, George; Ungureanu, Viorel; Nagy, Zsolt; Alexa-Stratulat, Mihai-Sergiu; Toma, Ionut-Ovidiu; Luca, Septimiu-George	Shake table test and numerical analyses of a thin-walled Cold-Formed Steel structure: Part 1-Investigation of the structural skeleton without claddings	THIN-WALLED STRUCTURES	182		http://dx.doi.org/10.1016/j.tws.2022.110258	2023	21	WOS:000884835600002	View Full Record in Web of Science
319	ul Haque, Sufia; Abu Nasar; Duteanu, Narcis; Inamuddin	Carbon based-nanomaterials used in biofuel cells-A review	FUEL	331		http://dx.doi.org/10.1016/j.fuel.2022.125634	2023	15	WOS:000863103400010	View Full Record in Web of Science
320	Sayyari, Yamin; Barsam, Hasan; Ciurdariu, Loredana	A NEW REFINEMENT OF JENSEN-TYPE INEQUALITY WITH RESPECT TO UNIFORMLY CONVEX FUNCTIONS WITH APPLICATIONS IN INFORMATION THEORY	JOURNAL OF MATHEMATICAL INEQUALITIES	17	4	http://dx.doi.org/10.7153/jmi-2023-17-85	2023	12	WOS:001156182000001	View Full Record in Web of Science
321	Zamfirache, Iuliu Alexandru; Precup, Radu-Emil; Petriu, Emil M.	Q-LEARNING, POLICY ITERATION AND ACTOR-CRITIC REINFORCEMENT LEARNING COMBINED WITH METAHEURISTIC ALGORITHMS IN SERVO SYSTEM CONTROL	FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING	21	4	http://dx.doi.org/10.22190/FUME23101044Z	2023	16	WOS:001127731800008	View Full Record in Web of Science
322	Bucos, Marian; Dragulescu, Bogdan	Enhancing Fake News Detection in Romanian Using Transformer-Based Back Translation Augmentation	APPLIED SCIENCES-BASEL	13	24	http://dx.doi.org/10.3390/app132413207	2023	14	WOS:001131455100001	View Full Record in Web of Science
323	Heghedus-Mindru, Ramona Cristina; Glevitzky, Mirel; Heghedus-Mindru, Gabriel; Dumitrel, Gabriela-Alina; Popa, Maria; Popa, Doriana Maria; Radulov, Isidora; Vica, Mihaela Laura	Applications of Romanian Propolis in Phyto-Inhibitory Activity and Antimicrobial Protection: A Comparative Study	ANTIBIOTICS-BASEL	12	12	http://dx.doi.org/10.3390/antibiotics12121682	2023	17	WOS:001130542500001	View Full Record in Web of Science
324	Marc, Simona; Savici, Jelena; Sicoe, Bogdan; Boldura, Oana Maria; Paul, Cristina; Otava, Gabriel; Martin-Alguacil, Nieves; Avedillo, Luis	Exencephaly-Anencephaly Sequence Associated with Maxillary Brachygnathia, Spinal Defects, and Palatoschisis in a Male Domestic Cat	ANIMALS	13	24	http://dx.doi.org/10.3390/ani13243882	2023	15	WOS:001131071600001	View Full Record in Web of Science
325	Ene, Remus-Daniel; Pop, Nicolina	Approximate Closed-Form Solutions for a Class of 3D Dynamical Systems Involving a Hamilton-Poisson Part	MATHEMATICS	11	23	http://dx.doi.org/10.3390/math11234811	2023	26	WOS:001116791100001	View Full Record in Web of Science
326	Girbacea, Ioan Andrei; Ungureanu, Viorel	Efficient design of overlapped purlins loaded by gravity	STRUCTURES	58		http://dx.doi.org/10.1016/j.istruc.2023.105512	2023	13	WOS:001123485400001	View Full Record in Web of Science
327	Moldovan, Cristian; Sticlaru, Carmen	Performance Analysis of Polymer Additive Manufactured Gear Bearings	APPLIED SCIENCES-BASEL	13	22	http://dx.doi.org/10.3390/app132212383	2023	12	WOS:001119971800001	View Full Record in Web of Science

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328	Arvinti, Beatrice; Isar, Alexandru	Improving Chest Monitoring through Magnetic Resonance Angiogram Image Contrast Enhancement	LIFE-BASEL	13	11	http://dx.doi.org/10.3390/life13112160	2023	15	WOS:001118140900001	View Full Record in Web of Science
329	Popa, Calin-Adrian	Asymptotic and Mittag-Leffler Synchronization of Fractional-Order Octonion-Valued Neural Networks with Neutral-Type and Mixed Delays	FRactal and Fractional	7	11	http://dx.doi.org/10.3390/fractalfract7110830	2023	28	WOS:001107981800001	View Full Record in Web of Science
330	Popa, Rares-Mihata; Mustata, Dan-Marius; Ionel, Ioana; Balogh, Ramon-Mihai	Metal Element Traces Sampled from Peri-Urban Road Verge Particulate Matter	APPLIED SCIENCES-BASEL	13	21	http://dx.doi.org/10.3390/app132111649	2023	11	WOS:001100248800001	View Full Record in Web of Science
331	Damnescu, Diana; Duteanu, Narcis; Ciopec, Mihaela; Negrea, Adina; Negrea, Petru; Nemes, Nicoleta Sorina; Pascu, Bogdan; Lazau, Radu; Berbecea, Adina	Kinetic Modelling the Solid-Liquid Extraction Process of Scandium from Red Mud: Influence of Acid Composition, Contact Time and Temperature	MATERIALS	16	21	http://dx.doi.org/10.3390/ma16216998	2023	14	WOS:001100356000001	View Full Record in Web of Science
332	Lazureanu, Cristian	On the Double-Zero Bifurcation of Jerk Systems	MATHEMATICS	11	21	http://dx.doi.org/10.3390/math11214468	2023	12	WOS:001099529400001	View Full Record in Web of Science
333	Ramachandran, Elumalai; Krishnaiah, Ravi; Venkatesan, Elumalai Perumal; Parida, Satyajet; Dwarshala, Siva Krishna Reddy; Khan, Sher Afghan; Asif, Mohammad; Linul, Emanoil	Prediction of RCCI combustion fueled with CNG and algal biodiesel to sustain efficient diesel engines using machine learning techniques	CASE STUDIES IN THERMAL ENGINEERING	51		http://dx.doi.org/10.1016/j.csite.2023.103630	2023	17	WOS:001102412300001	View Full Record in Web of Science
334	Sarbu, Ioan; Dorca, Alexandru	Experimentally investigating and numerically simulating the performances of various low-temperature hydronic heating/cooling systems connected to a vertical closed-loop ground-coupled heat pump	ENERGY AND BUILDINGS	300		http://dx.doi.org/10.1016/j.enbuild.2023.113661	2023	19	WOS:001096447900001	View Full Record in Web of Science
335	Serban, Dan-Andrei; Linul, Emanoil	Fatigue behaviour of closed-cell polyurethane rigid foams	ENGINEERING FAILURE ANALYSIS	154		http://dx.doi.org/10.1016/j.engfailanal.2023.107728	2023	12	WOS:001097942600001	View Full Record in Web of Science
336	Vancea, Cosmin; Mladin, Georgiana; Ciopec, Mihaela; Negrea, Adina; Duteanu, Narcis; Negrea, Petru; Mosoarca, Giannin; Ianas, Catalin	Arsenic Removal Using Unconventional Material with Iron Content: Batch Adsorption and Column Study	TOXICS	11	10	http://dx.doi.org/10.3390/toxics11100849	2023	19	WOS:001099336500001	View Full Record in Web of Science
337	Hadaruga, Nicoleta-Gabriela; Garban, Zeno; Balta, Cornel; Muselin, Florin; Hadaruga, Daniel-Ioan; Ravis, Mircea	Beneficial Effects of Resveratrol and γ -Cyclodextrin on the Hematological and Biochemical Parameters of Healthy Wistar Rats Treated with Cisplatin: A PCA Approach	BIOMEDICINES	11	10	http://dx.doi.org/10.3390/biomedicines11102726	2023	20	WOS:001098232700001	View Full Record in Web of Science
338	Roman, Diana Larisa; Matica, Mariana Adina; Ciorsac, Alecu; Boros, Bianca Vanesa; Isvoran, Adriana	The Effects of the Fungicide Myclobutanil on Soil Enzyme Activity	AGRICULTURE-BASEL	13	10	http://dx.doi.org/10.3390/agriculture13101956	2023	19	WOS:001095613000001	View Full Record in Web of Science
339	Patel, Devangi Hitenkumar; Shah, Kamya Premal; Gupta, Rajesh; Jadav, Nitesh Kumar; Tanwar, Sudeep; Neagu, Bogdan Constantin; Attila, Simo; Alqahtani, Fayeze; Tolba, Amr	Blockchain-Based Crop Recommendation System for Precision Farming in IoT Environment	AGRONOMY-BASEL	13	10	http://dx.doi.org/10.3390/agronomy13102642	2023	15	WOS:001095935900001	View Full Record in Web of Science
340	Lazureanu, Cristian; Cho, Jinyoung	On Hopf and Fold Bifurcations of Jerk Systems	MATHEMATICS	11	20	http://dx.doi.org/10.3390/math11204295	2023	15	WOS:001093617500001	View Full Record in Web of Science

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341	Ardelean, Erika; Bucur, Flavius; Birtok-Baneasa, Corneliu; Socalici, Ana; Ardelean, Marius; Budiul Berghian, Adina	Optimizing the Chemical Composition of Brake Shoes According to the Hardness Recommended by the Product Standard	MATERIALS	16	20	http://dx.doi.org/10.3390/ma16206797	2023	23	WOS:001093616400001	View Full Record in Web of Science
342	Marinescu, Adrian-George; Abuabboud, Osama; Zimbru, Stefana-Denisa; Cirligeriu, Laura-Elena; Pit, Bianca-Adina; Borcean, Ioana-Amalia; Paven, Mihai; Nica, Luminita-Maria; Stoia, Dan Ioan	Influence of the Fiber Post Length on the Fracture Strength of Endodontically Treated Teeth	MEDICINA-LITHUANIA	59	10	http://dx.doi.org/10.3390/medicina59101797	2023	11	WOS:001089523300001	View Full Record in Web of Science
343	Segneanu, Adina-Elena; Vlase, Gabriela; Vlase, Titus; Sicoe, Crina Andreea; Ciocalteu, Maria Viorica; Herea, Dumitru Daniel; Ghirlea, Ovidiu-Florin; Grozescu, Ioan; Nanescu, Valentin	Wild-Grown Romanian Helleborus purpurascens Approach to Novel Chitosan Phyto-Nanocarriers-Metabolite Profile and Antioxidant Properties	PLANTS-BASEL	12	19	http://dx.doi.org/10.3390/plants12193479	2023	31	WOS:001086281400001	View Full Record in Web of Science
344	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Dan, Mircea; Boran, Sorina	Utilizing Novel Lignocellulosic Material from Hart's-Tongue Fern (Asplenium scolopendrium) Leaves for Crystal Violet Adsorption: Characterization, Application, and Optimization	POLYMERS	15	19	http://dx.doi.org/10.3390/polym15193923	2023	17	WOS:001084991000001	View Full Record in Web of Science
345	Daianu, Dan M.	Iterative Fixed Point Techniques in Generalized Ulam Stability	RESULTS IN MATHEMATICS	78	5	http://dx.doi.org/10.1007/s00025-023-01977-5	2023	17	WOS:001043338600002	View Full Record in Web of Science
346	Ianasi, Catalin; Nemes, Nicoleta Sorina; Pascu, Bogdan; Lazau, Radu; Negrea, Adina; Negrea, Petru; Duteanu, Narcis; Ciopec, Mihaela; Plocek, Jiri; Alexandru, Popa; Badescu, Bianca; Duda-Seiman, Daniel Marius; Muntean, Delia	Synthesis, Characterization and Antimicrobial Activity of Multiple Morphologies of Gold/Platinum Doped Bismuth Oxide Nanostructures	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	24	17	http://dx.doi.org/10.3390/ijms241713173	2023	29	WOS:0011175403400001	View Full Record in Web of Science
347	Frent, Olimpia Daniela; Vicas, Laura Gratiela; Duteanu, Narcis; Nemes, Nicoleta Sorina; Pascu, Bogdan; Teusdea, Alin; Morgovan, Claudia Mona; Muresan, Mariana Eugenia; Jurca, Tunde; Pallag, Annamaria; Vlase, Ana Maria; Vlase, Laurian; Dejeu, Ioana; Dejeu, George Emanuel; Marian, Eleonora	Formulation, Physico-Chemical Characterization, and Evaluation of the In Vitro Release Capacity of the Ruta graveolens L. Phytocomplex from Biodegradable Chitosan and Alginate Microspheres	APPLIED SCIENCES-BASEL	13	17	http://dx.doi.org/10.3390/app13179939	2023	23	WOS:001064067800001	View Full Record in Web of Science
348	Ungureanu, Elena; Fortuna, Maria E.; Topa, Denis C.; Brezuleanu, Carmen O.; Ungureanu, Vlad I.; Chiruta, Ciprian; Rotaru, Razvan; Tofanica, Bogdan M.; Popa, Valentin I.; Jitareanu, Doina C.	Comparison Adsorption of Cd (II) onto Lignin and Polysaccharide-Based Polymers	POLYMERS	15	18	http://dx.doi.org/10.3390/polym15183794	2023	23	WOS:001074478800001	View Full Record in Web of Science
349	Merghes, Petru; Varan, Narcis; Ilia, Gheorghe; Hulka, Iosif; Simulescu, Vasile	A SEM-EDX Study on the Structure of Phenyl Phosphinic Hybrids Containing Boron and Zirconium	GELS	9	9	http://dx.doi.org/10.3390/gels9090706	2023	13	WOS:001073612100001	View Full Record in Web of Science
350	Calinoiu, Stefan George; Biclesanu, Cornelia; Florescu, Anamaria; Stoia, Dan Ioan; Dumitru, Catalin; Miculescu, Marian	Comparative Study on Interface Fracture of 4th Generation 3-Steps Adhesive and 7th Generation Universal Adhesive	MATERIALS	16	17	http://dx.doi.org/10.3390/ma16175834	2023	21	WOS:001062842100001	View Full Record in Web of Science
351	Bordeasu, Ilare; Ghiban, Brandusa; Micu, Lavinia Madalina; Luca, Alexandru Nicolae; Demian, Alin Mihai; Istrate, Dionisie	The Influence of Heat Aging Treatments on the Cavitation Erosion Behavior of a Type 6082 Aluminum Alloy	MATERIALS	16	17	http://dx.doi.org/10.3390/ma16175875	2023	25	WOS:001061277600001	View Full Record in Web of Science

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352	Marinca, Bogdan; Herisanu, Nicolae; Marinca, Vasile	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	EUROPEAN JOURNAL OF MECHANICS A-SOLIDS	102		http://dx.doi.org/10.1016/j.euromechsol.2023.105119	2023	15	WOS:001077014700001	View Full Record in Web of Science
353	Lo Monaco, Anna; Grillanda, Nicola; Onescu, Iasmina; Fofiu, Mihai; Clementi, Francesco; D'Amato, Michele; Formisano, Antonio; Milani, Gabriele; Mosoarca, Marius	Seismic assessment of Romanian Orthodox masonry churches in the Banat area through a multi-level analysis framework	ENGINEERING FAILURE ANALYSIS	153		http://dx.doi.org/10.1016/j.engfailanal.2023.107539	2023	29	WOS:001067708800001	View Full Record in Web of Science
354	Benea, Ioana Cristina; Kantor, Izolda; Todea, Anamaria; Pellis, Alessandro; Bitcan, Ioan; Nagy, Lajos; Keki, Sandor; Dreava, Diana Maria; Peter, Francisc; Feczko, Tivadar	Biocatalytic synthesis of new polyesteramides from ε-caprolactam and hydroxy acids: Structural characterization, biodegradability, and suitability as drug nanocarriers	REACTIVE & FUNCTIONAL POLYMERS	191		http://dx.doi.org/10.1016/j.reactfunctpolym.2023.105702	2023	17	WOS:001070439900001	View Full Record in Web of Science
355	Bitcan, Ioan; Pellis, Alessandro; Petrovici, Andreea; Dreava, Diana-Maria; Pausescu, Iulia; Peter, Francisc; Nagy, Lajos; Gardossi, Lucia; Todea, Anamaria; Keki, Sandor	One-pot green synthesis and characterization of novel furan-based oligoesters	SUSTAINABLE CHEMISTRY AND PHARMACY	35		http://dx.doi.org/10.1016/j.scp.2023.101229	2023	13	WOS:001070979000001	View Full Record in Web of Science
356	Berdich, Adriana; Groza, Bogdan; Mayrhofer, Rene	A Survey on Fingerprinting Technologies for Smartphones Based on Embedded Transducers	IEEE INTERNET OF THINGS JOURNAL	10	16	http://dx.doi.org/10.1109/JIOT.2023.3277883	2023	25	WOS:001045875700038	View Full Record in Web of Science
357	Hussain, Fayaz; Shaik, Saboor; Khan, Sher Afghan; Huynh, Van Van; Jilte, R. D.; Sundara, Vikram; Asif, Mohammed; Linul, Emanoil	Transient solidification and melting numerical simulation of lauric acid PCM filled stepped solar still basin used in water desalination process	CASE STUDIES IN THERMAL ENGINEERING	49		http://dx.doi.org/10.1016/j.csite.2023.103370	2023	16	WOS:001059512700001	View Full Record in Web of Science
358	Jilte, Ravindra; Afzal, Asif; Agbulut, Uemit; Shaik, Saboor; Khan, Sher Afghan; Linul, Emanoil; Asif, Mohammad	Battery thermal management of a novel helical channeled cylindrical Li-ion battery with nanofluid and hybrid nanoparticle-enhanced phase change material	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	216		http://dx.doi.org/10.1016/j.ijheatmasstransfer.2023.124547	2023	18	WOS:001055436100001	View Full Record in Web of Science
359	Cuce, Erdem; Cuce, Pinar Mert; Alvur, Emre; Yilmaz, Yusuf Nadir; Saboor, Shaik; Ustabas, Ilker; Linul, Emanoil; Asif, Mohammad	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	CASE STUDIES IN THERMAL ENGINEERING	49		http://dx.doi.org/10.1016/j.csite.2023.103350	2023	12	WOS:001052083500001	View Full Record in Web of Science
360	Harich, Octavia-Oana; Gavriluc, Oana-Isabella; Ordodi, Valentin-Laurentiu; Tirziu, Alexandru; Paunescu, Virgil; Panaiteanu, Carmen; Bojin, Maria-Florina; Robbs, Bruno Kaufmann	In Vitro Study of the Multimodal Effect of Na ⁺ /K ⁺ ATPase Blocker Ouabain on the Tumor Microenvironment and Malignant Cells	BIOMEDICINES	11	8	http://dx.doi.org/10.3390/biomedicines11082205	2023	17	WOS:001121960300001	View Full Record in Web of Science
361	Vaszilcsin, Nicolae; Kellenberger, Andrea; Dan, Mircea Laurentiu; Duca, Delia Andrada; Ordodi, Valentin Laurentiu	Efficiency of Expired Drugs Used as Corrosion Inhibitors: A Review	MATERIALS	16	16	http://dx.doi.org/10.3390/ma16165555	2023	24	WOS:001057027700001	View Full Record in Web of Science
362	Bu, Feifei; Ma, Beijia; Du, Renhui; Sun, Tiankui; Chu, Jianbo; Liu, Qi; Qin, Haihong; Deaconu, Sorin Ioan	Multiaverage Random Switching Frequency Space Vector Pulsewidth Modulation Strategy for High-Order Harmonics Dispersion	IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS	11	4	http://dx.doi.org/10.1109/JESTPE.2023.3266491	2023	12	WOS:001042129300034	View Full Record in Web of Science
363	Mustata, Dan-Marius; Ionel, Ioana; Popa, Rares-Mihaita; Dughir, Ciprian; Bisorca, Daniel	A Study on Particulate Matter from an Area with High Traffic Intensity	APPLIED SCIENCES-BASEL	13	15	http://dx.doi.org/10.3390/app13158824	2023	12	WOS:001048553900001	View Full Record in Web of Science

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364	Birdean, Calin-Ioan; Both, Ioan; Marginean, Ioan; Cernescu, Anghel	Understanding In-Line Connections Behavior from Experimental and Numerical Analyses on Rectangular and Circular Hollow Section Elements	MATHEMATICS	11	15	http://dx.doi.org/10.3390/math11153416	2023	16	WOS:001046260000001	View Full Record in Web of Science
365	Pana, Ana-Maria; Ordodi, Valentin; Gherman, Vasile; Sfirloaga, Paula; Dumitrel, Gabriela-Alina	Study on the Biodegradation Process of D-Mannose Glycopolymers in Liquid Media and Soil	POLYMERS	15	15	http://dx.doi.org/10.3390/polym15153194	2023	12	WOS:001046324800001	View Full Record in Web of Science
366	Mosoarca, Marius; Fofiu, Mihai; Onescu, Iasmina	Failure mechanism of historic churches in Gorj county for shallow seismic action	ENGINEERING FAILURE ANALYSIS	152		http://dx.doi.org/10.1016/j.engfailanal.2023.107502	2023	18	WOS:001050315900001	View Full Record in Web of Science
367	Mitelea, Ion; Bordeasu, Ilare; Cosma, Daniela; Utu, Ion Dragos; Buzdugan, Dragos; Craciunescu, Corneliu Marius	Enhanced cavitation erosion resistance of GX40CrNiSi25-20 cast stainless steels by surface TIG re-melting	WEAR	530		http://dx.doi.org/10.1016/j.wear.2023.205058	2023	14	WOS:001088419500001	View Full Record in Web of Science
368	Balamurugan, K.; Shanmugam, Vigneshwaran; Palani, Geetha; Sundarakannan, R.; Sathish, T.; Linul, Emanoil; Khan, Sher Afghan; Asif, Mohammad	Effect of TiC/RHA on solid particle erosion of Al6061 hybrid composites fabricated through a 2-step ultrasonic-assisted stir casting process	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	25		http://dx.doi.org/10.1016/j.jmrt.2023.06.225	2023	13	WOS:001033458700001	View Full Record in Web of Science
369	Ene, Remus-Daniel; Pop, Nicolina	Semi-Analytical Closed-Form Solutions for the Rikitake-Type System through the Optimal Homotopy Perturbation Method	MATHEMATICS	11	14	http://dx.doi.org/10.3390/math11143078	2023	22	WOS:001071457900001	View Full Record in Web of Science
370	Kazamer, Norbert; Muntean, Roxana; Utu, Ion-Dragos; Marginean, Gabriela	Considerations on the Wear Behavior of Vacuum-Remelted ZrO ₂ -Reinforced Self-Fluxing Ni-Based Thermally Sprayed Alloys	MATERIALS	16	14	http://dx.doi.org/10.3390/ma16145183	2023	12	WOS:001036434200001	View Full Record in Web of Science
371	Tirziu, Alexandru; Avram, Speranta; Mada, Leonard; Crisan-Vida, Mihaela; Popovici, Casiana; Popovici, Dan; Faur, Cosmin; Duda-Seiman, Corina; Paunescu, Virgil; Vernic, Corina	Design of a Synthetic Long Peptide Vaccine Targeting HPV-16 and -18 Using Immunoinformatic Methods	PHARMACEUTICS	15	7	http://dx.doi.org/10.3390/pharmaceutics15071798	2023	23	WOS:001036471200001	View Full Record in Web of Science
372	Liga, Sergio; Paul, Cristina; Peter, Francisc	Flavonoids: Overview of Biosynthesis, Biological Activity, and Current Extraction Techniques	PLANTS-BASEL	12	14	http://dx.doi.org/10.3390/plants12142732	2023	25	WOS:001036693300001	View Full Record in Web of Science
373	Szabo, Roland	Design Approach for Evolutionary Techniques Using Genetic Algorithms: Application for a Biped Robot to Learn to Walk and Rise after a Fall	MATHEMATICS	11	13	http://dx.doi.org/10.3390/math11132931	2023	16	WOS:001031180500001	View Full Record in Web of Science
374	Bandas, Cornelia; Nicolaescu, Mircea; Popescu, Mina Ionela; Orha, Corina; Caprarescu, Simona; Lazau, Carmen	One-Step Microwave-Assisted Hydrothermal Preparation of Zn-ZnO(Nw)-rGO Electrodes for Supercapacitor Applications	MATERIALS	16	13	http://dx.doi.org/10.3390/ma16134536	2023	15	WOS:001030972200001	View Full Record in Web of Science
375	Mutascu, Daniel; Karancsi, Olimpiu; Mitelea, Ion; Craciunescu, Corneliu Marius; Buzdugan, Dragos; Utu, Ion-Dragos	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	MATERIALS	16	13	http://dx.doi.org/10.3390/ma16134557	2023	19	WOS:001028668400001	View Full Record in Web of Science
376	Toader, Dumitru; Vintan, Maria	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	MATHEMATICS	11	13	http://dx.doi.org/10.3390/math11133032	2023	30	WOS:001028167000001	View Full Record in Web of Science

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377	Bucos, Marian; Tucudean, Georgiana	Text Data Augmentation Techniques for Fake News Detection in the Romanian Language	APPLIED SCIENCES-BASEL	13	13	http://dx.doi.org/10.3390/app13137389	2023	20	WOS:001028572400001	View Full Record in Web of Science
378	Cismas, Emanuel-Ciprian	Partially defined operators on locally Hilbert spaces	BANACH JOURNAL OF MATHEMATICAL ANALYSIS	17	3	http://dx.doi.org/10.1007/s43037-023-00274-1	2023	33	WOS:000994214400001	View Full Record in Web of Science
379	Shanavaz, H.; Kannanugu, Niranjana; Kasai, Deepak; Kumar, K. Yogesh; Raghu, M. S.; Prashanth, M. K.; Khan, Moonis Ali; Jeon, Byong-Hun; Linul, E.	Covalent organic frameworks as promising materials: Review on synthetic strategies, topology and application towards supercapacitors	JOURNAL OF ENERGY STORAGE	71		http://dx.doi.org/10.1016/j.est.2023.108006	2023	43	WOS:001034736500001	View Full Record in Web of Science
380	Ahlawat, Sarita; Kanaujia, Binod Kumar; Rambabu, Karumudi; Peter, Ildiko; Matekovits, Ladislau	Circularly polarized differential intra-oral antenna design validation and characterization for tongue drive system	SCIENTIFIC REPORTS	13	1	http://dx.doi.org/10.1038/s41598-023-36717-w	2023	17	WOS:001015400200053	View Full Record in Web of Science
381	Paulescu, Marius; Blaga, Robert; Dughir, Ciprian; Stefu, Nicoleta; Sabadus, Andreea; Calinoiu, Delia; Badescu, Viorel	Intra-hour PV power forecasting based on sky imagery	ENERGY	279		http://dx.doi.org/10.1016/j.energy.2023.128135	2023	11	WOS:001023095100001	View Full Record in Web of Science
382	Arjoca, Stelian; Robu, Andreea; Neagu, Monica; Neagu, Adrian	Mathematical and computational models in spheroid-based biofabrication	ACTA BIOMATERIALIA	165		http://dx.doi.org/10.1016/j.actbio.2022.07.024	2023	15	WOS:001023376700001	View Full Record in Web of Science
383	Sharma, Deepti; Kanaujia, Binod Kumar; Kumar, Sachin; Rambabu, Karumudi; Matekovits, Ladislau	Low-loss MIMO antenna wireless communication system for 5G cardiac pacemakers	SCIENTIFIC REPORTS	13	1	http://dx.doi.org/10.1038/s41598-023-36209-x	2023	16	WOS:001007856900069	View Full Record in Web of Science
384	Avram, Sebastian; Vasiiu, Radu	Passive Power Line Communication Filter Design and Benchmarking Using Scattering Parameters	APPLIED SCIENCES-BASEL	13	11	http://dx.doi.org/10.3390/app13116821	2023	21	WOS:001006564200001	View Full Record in Web of Science
385	Horablagă, Adina; Sibă (Ciobanu), Alina; Megyesi, Corina Iuliana; Gligor (Păne), Dina; Bujanca, Gabriel Stelian; Velciov, Ariana Bianca; Morariu, Florica Emilia; Hadaruga, Daniel Ioan; Misca, Corina Dana; Hadaruga, Nicoleta Gabriela	Estimation of the Controlled Release of Antioxidants from β -Cyclodextrin/Chamomile (Matricaria chamomilla L.) or Milk Thistle (Silybum marianum L.), Asteraceae, Hydrophilic Extract Complexes through the Fast and Cheap Spectrophotometric Technique	PLANTS-BASEL	12	12	http://dx.doi.org/10.3390/plants12122352	2023	24	WOS:001021126100001	View Full Record in Web of Science
386	Mladin, Georgiana; Ciopec, Mihaela; Negrea, Adina; Duteanu, Narcis; Negrea, Petru; Svera (m. Ianasi), Paula; Ianasi, Catalin	Selenite Removal from Aqueous Solution Using Silica-Iron Oxide Nanocomposite Adsorbents	GELS	9	6	http://dx.doi.org/10.3390/gels9060497	2023	16	WOS:001014970700001	View Full Record in Web of Science
387	Cuzic, Cristiana; Jivanescu, Anca; Negru, Radu Marcel; Hulka, Iosif; Rominu, Mihai	The Influence of Hydrofluoric Acid Temperature and Application Technique on Ceramic Surface Texture and Shear Bond Strength of an Adhesive Cement	MATERIALS	16	12	http://dx.doi.org/10.3390/ma16124303	2023	13	WOS:001015374300001	View Full Record in Web of Science
388	Ciurdariu, Loredana; Grecu, Eugenia	Several Quantum Hermite-Hadamard-Type Integral Inequalities for Convex Functions	FRACTAL AND FRACTIONAL	7	6	http://dx.doi.org/10.3390/fractalfract7060463	2023	16	WOS:001015264200001	View Full Record in Web of Science
389	Abu-Awwad, Simona-Alina; Craina, Marius; Gluhovschi, Adrian; Boscu, Lioara; Bernad, Elena; Iurciuc, Mircea; Abu-Awwad, Ahmed; Iurciuc, Stela; Tudoran, Cristina; Bernad, Robert; Maghiari, Anca Laura	Comparative Analysis of Neonatal Effects in Pregnant Women with Cardiovascular Risk versus Low-Risk Pregnant Women	JOURNAL OF CLINICAL MEDICINE	12	12	http://dx.doi.org/10.3390/jcm12124082	2023	11	WOS:001015265100001	View Full Record in Web of Science
390	Doboli, Alex; Curiac, Daniel-Ioan	Studying Consensus and Disagreement during Problem Solving in Teams through Learning and Response Generation Agents Model	MATHEMATICS	11	12	http://dx.doi.org/10.3390/math11122602	2023	28	WOS:001015117100001	View Full Record in Web of Science

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391	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Dan, Mircea; Boran, Sorina	A Novel High-Efficiency Natural Biosorbent Material Obtained from Sour Cherry (<i>Prunus cerasus</i>) Leaf Biomass for Cationic Dyes Adsorption	MATERIALS	16	12	http://dx.doi.org/10.3390/ma16124252	2023	20	WOS:001014700900001	View Full Record in Web of Science
392	Vica, Mihaela Laura; Glevitzky, Mirel; Heghedus-Mindru, Ramona Cristina; Dumitrel, Gabriela-Alina; Heghedus-Mindru, Gabriel; Popa, Maria; Faur, Doriana Maria; Balici, Stefana; Teodoru, Cosmin Adrian	Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania	ANTIBIOTICS-BASEL	12	6	http://dx.doi.org/10.3390/antibiotics12061015	2023	17	WOS:001013859800001	View Full Record in Web of Science
393	Lupa, Nicolae; Popescu, Liviu Horia	Generalized Evolution Semigroups and General Dichotomies	RESULTS IN MATHEMATICS	78	3	http://dx.doi.org/10.1007/s00025-023-01896-5	2023	26	WOS:000960927500001	View Full Record in Web of Science
394	Belega, Daniel; Petri, Dario	Fast interpolated DTFT estimators of frequency and damping factor of real-valued damped sinusoids	MEASUREMENT	217		http://dx.doi.org/10.1016/j.measurement.2023.113076	2023	14	WOS:001009391800001	View Full Record in Web of Science
395	Marc, Simona; Mizeranschi, Alexandru Eugeniu; Paul, Cristina; Otava, Gabriel; Savici, Jelena; Sicoe, Bogdan; Torda, Iuliu; Hutu, Ioan; Mircu, Calin; Ilic, Daniela Elena; Carabas, Mihai; Boldura, Oana Maria	Simultaneous Occurrence of Hypospadias and Bilateral Cleft Lip and Jaw in a Crossbred Calf: Clinical, Computer Tomographic, and Genomic Characterization	ANIMALS	13	10	http://dx.doi.org/10.3390/ani13101709	2023	18	WOS:000994647400001	View Full Record in Web of Science
396	Sajjad, Mohammed Owais Ahmed; Sathish, T.; Saravanan, R.; Asif, Mohammad; Linul, Emanoil; Agbulut, Umit	Combustion, performance and emission discussion of soapberry seed oil methyl ester blends and exhaust gas recirculation in common rail direct fuel injection system	ENERGY	278		http://dx.doi.org/10.1016/j.energy.2023.127763	2023	8	WOS:001007253600001	View Full Record in Web of Science
397	Maroiu, Alexandra-Cristina; Jivanescu, Anca; Serban, Dan-Andrei; Negru, Radu-Marcel; Duma, Virgil-Florin; Sinescu, Cosmin; Rominu, Mihai	The Influence of a Novel, Crenelated Design of CAD-CAM Ceramic Veneers on the Debonding Strength	MATERIALS	16	10	http://dx.doi.org/10.3390/ma16103694	2023	20	WOS:000997900900001	View Full Record in Web of Science
398	Onescu, Iasmina; Onescu, Eugen; Mosoarca, Marius	Seismic risk assessment and crisis management for historical buildings in Timisoara	JOURNAL OF BUILDING ENGINEERING	72		http://dx.doi.org/10.1016/j.jobbe.2023.106665	2023	23	WOS:001054946500001	View Full Record in Web of Science
399	Marinca, Bogdan; Herisanu, Nicolae; Marinca, Vasile	Analytical solutions for solving unsteady flow of gas through a porous medium by using auxiliary functions method	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS	432		http://dx.doi.org/10.1016/j.cam.2023.115296	2023	9	WOS:001001338700001	View Full Record in Web of Science
400	Herisanu, Nicolae; Marinca, Bogdan; Cveticanin, Livija; Marinca, Vasile	Analysis of the Vibro-Impact Nonlinear Damped and Forced Oscillator in the Dynamics of the Electromagnetic Actuation	MATHEMATICS	11	9	http://dx.doi.org/10.3390/math11092194	2023	24	WOS:000987637900001	View Full Record in Web of Science
401	Ene, Remus-Daniel; Pop, Nicolina; Badarau, Rodica	Partial Slip Effects for Thermally Radiative Convective Nanofluid Flow	MATHEMATICS	11	9	http://dx.doi.org/10.3390/math11092199	2023	28	WOS:000987416500001	View Full Record in Web of Science
402	Zamfirache, Iuliu Alexandru; Precup, Radu-Emil; Roman, Raul-Cristian; Petriu, Emil M.	Neural Network-based control using Actor-Critic Reinforcement Learning and Grey Wolf Optimizer with experimental servo system validation	EXPERT SYSTEMS WITH APPLICATIONS	225		http://dx.doi.org/10.1016/j.eswa.2023.120112	2023	15	WOS:000987135700001	View Full Record in Web of Science
403	Belin, Cosmin; Mitelea, Ion; Bordeasu, Ilare; Craciunescu, Corneliu Marius; Utu, Ion-Dragos	Technological Processes for Increasing the Cavitation Erosion Resistance of Nimonic 80A Superalloys	MATERIALS	16	8	http://dx.doi.org/10.3390/ma16083206	2023	18	WOS:000977205600001	View Full Record in Web of Science

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404	Jianu, Calin; Lukinich-Gruia, Alexandra Teodora; Radulescu, Matilda; Mioc, Marius; Mioc, Alexandra; Soica, Codruta; Constantin, Albert Titus; David, Ioan; Bujanca, Gabriel; Radu, Roxana Ghircu	Essential Oil of Origanum vulgare var. aureum L. from Western Romania: Chemical Analysis, In Vitro and In Silico Screening of Its Antioxidant Activity	APPLIED SCIENCES-BASEL	13	8	http://dx.doi.org/10.3390/app13085076	2023	15	WOS:000977577900001	View Full Record in Web of Science
405	Berdich, Adriana; Groza, Bogdan; Mayrhofer, Rene; Levy, Efrat; Shabtai, Asaf; Elovici, Yuval	Sweep-to-Lock: Fingerprinting Smartphones Based on Loudspeaker Roll-Off Characteristics	IEEE TRANSACTIONS ON MOBILE COMPUTING	22	4	http://dx.doi.org/10.1109/TMC.2021.3119987	2023	18	WOS:000965346000001	View Full Record in Web of Science
406	Sumalan, Radu Liviu; Nescu, Vlad; Berbeca, Adina; Sumalan, Renata Maria; Crisan, Manuela; Negrea, Petru; Ciulca, Sorin	The Impact of Heavy Metal Accumulation on Some Physiological Parameters in Silphium perfoliatum L. Plants Grown in Hydroponic Systems	PLANTS-BASEL	12	8	http://dx.doi.org/10.3390/plants12081718	2023	23	WOS:000979044200001	View Full Record in Web of Science
407	Stanciu, Elena Manuela; Pascu, Alexandru; Croitoru, Catalin; Roata, Ionut Claudiu; Cristea, Daniel; Tiorean, Mircea Horia; Hulka, Iosif; Petre, Ioana Madalina; Rosca, Julia Claudia Mirza	Functional Surfaces via Laser Processing in Nickel Acetate Solution	MATERIALS	16	8	http://dx.doi.org/10.3390/ma16083087	2023	15	WOS:000976464500001	View Full Record in Web of Science
408	Avram, Diana Nicoleta; Davidescu, Corneliu Mircea; Hulka, Iosif; Dan, Mircea Laurentiu; Stanciu, Elena Manuela; Pascu, Alexandru; Mirza-Rosca, Julia Claudia	Corrosion Behavior of Coated Low Carbon Steel in a Simulated PEMFC Environment	MATERIALS	16	8	http://dx.doi.org/10.3390/ma16083056	2023	15	WOS:000976988300001	View Full Record in Web of Science
409	Ienascu, Ioana Maria Carmen; Cata, Adina; Chis, Adriana Aurelia; Stefanut, Mariana Nela; Sfirloaga, Paula; Rusu, Gerlinda; Frum, Adina; Arseniu, Anca Maria; Morgovan, Claudiu; Rus, Luca Liviu; Dobrea, Carmen Maximiliana	Some Brassicaceae Extracts as Potential Antioxidants and Green Corrosion Inhibitors	MATERIALS	16	8	http://dx.doi.org/10.3390/ma16082967	2023	15	WOS:000978893700001	View Full Record in Web of Science
410	Borlea, Anamaria-Ioana; Precup, Radu-Emil; Roman, Raul-Cristian	DISCRETE-TIME MODEL-BASED SLIDING MODE CONTROLLERS FOR TOWER CRANE SYSTEMS	FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING	21	1	http://dx.doi.org/10.22190/FUME230125009B	2023	20	WOS:000969266500001	View Full Record in Web of Science
411	Mitelea, Ion; Bordeasu, Ilare; Frant, Florin; Utu, Ion-Dragos; Craciunescu, Corneliu Marius; Ghera, Cristian	Cavitation Erosion Characteristics of the EN AW-6082 Aluminum Alloy by TIG Surface Remelting	MATERIALS	16	7	http://dx.doi.org/10.3390/ma16072563	2023	17	WOS:000969897400001	View Full Record in Web of Science
412	Feier, Anamaria; Both, Ioan; Petzek, Edward	Optimisation of the Heterogeneous Joining Process of AlMg3 and X2CrNiMo17-12-2 Alloy by FSW Method	MATERIALS	16	7	http://dx.doi.org/10.3390/ma16072750	2023	18	WOS:000970357100001	View Full Record in Web of Science
413	Ene, Remus-Daniel; Pop, Nicolina; Badarau, Rodica	Heat and Mass Transfer Analysis for the Viscous Fluid Flow: Dual Approximate Solutions	MATHEMATICS	11	7	http://dx.doi.org/10.3390/math11071648	2023	22	WOS:000969848300001	View Full Record in Web of Science
414	Ianasi, Catalin; Svera (m. Ianasi), Paula; Popa, Alexandru; Lazau, Radu; Negrea, Adina; Negrea, Petru; Duteanu, Narcis; Ciopec, Mihaela; Nemes, Nicoleta-Sorina	Adsorbent Material Based on Carbon Black and Bismuth with Tunable Properties for Gold Recovery	MATERIALS	16	7	http://dx.doi.org/10.3390/ma16072837	2023	23	WOS:000969845800001	View Full Record in Web of Science
415	Nicolaescu, Mircea; Vajda, Melinda; Lazau, Carmen; Orha, Corina; Bandas, Cornelia; Serban, Viorel-Aurel; Codrean, Cosmin	Fabrication of Flexible Supercapacitor Electrode Materials by Chemical Oxidation of Iron-Based Amorphous Ribbons	MATERIALS	16	7	http://dx.doi.org/10.3390/ma16072820	2023	12	WOS:000969936900001	View Full Record in Web of Science

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416	Bercean, Bogdan A.; Bihala, Andreea; Ardelean, Paula G.; Barbulescu, Ioana; Benta, Marius M.; Rasadean, Cristina D.; Costachescu, Dan; Avramescu, Cristian; Tenescu, Andrei; Iarca, Stefan; Buburuzan, Alexandru S.; Marcu, Marius; Birsasteanu, Florin	Evidence of a cognitive bias in the quantification of COVID-19 with CT: an artificial intelligence randomised clinical trial	SCIENTIFIC REPORTS	13	1	http://dx.doi.org/10.1038/s41598-023-31910-3	2023	9	WOS:001017313600048	View Full Record in Web of Science
417	Todut, C.; Dan, D.; Stoian, V.; Fofiu, M.	Theoretical and experimental study of damaged reinforced concrete shear walls strengthened with FRP composites	COMPOSITE STRUCTURES	313		http://dx.doi.org/10.1016/j.compstruct.2023.116912	2023	15	WOS:000957278800001	View Full Record in Web of Science
418	Udrescu, Mihai; Ardelean, Sebastian Mihai; Udrescu, Lucretia	The curse and blessing of abundance-the evolution of drug interaction databases and their impact on drug network analysis	GIGASCIENCE	12		http://dx.doi.org/10.1093/gigascience/gi-ad011	2023	22	WOS:001023645500001	View Full Record in Web of Science
419	Kumar, Raj; Nadda, Rahul; Kumar, Sushil; Saboor, Shaik; Saleel, C. Ahamed; Abbas, Mohamed; Afzal, Asif; Linul, Emanoil	Convective heat transfer enhancement using impingement jets in channels and tubes: A comprehensive review	ALEXANDRIA ENGINEERING JOURNAL	70		http://dx.doi.org/10.1016/j.aej.2023.02.013	2023	28	WOS:000953535900001	View Full Record in Web of Science
420	Vitan, Liviu n Danut; Martin, Adriann-Daniel; Tutela, Lucian; Boldea, Ion; Torac, Ileana; Muntean, Nicolae	Supercapacitor City Minibus Bonded NdFeB IPMSM Propulsion System: Design and System Modeling Methodology via a Case Study and Laboratory Experiments	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	59	2	http://dx.doi.org/10.1109/TIA.2022.3220500	2023	13	WOS:001037766800017	View Full Record in Web of Science
421	Xu, Wei; Liao, Kaiju; Ge, Jian; Qu, Ganghui; Cheng, Siwei; Wang, Anyong; Boldea, Ion	Improved Position Sensorless Control for PMLSM via an Active Disturbance Rejection Controller and an Adaptive Full-Order Observer	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	59	2	http://dx.doi.org/10.1109/TIA.2022.3230729	2023	12	WOS:001037766800048	View Full Record in Web of Science
422	Vizitiu, Robert Stefan; Burlacu, Andrei; Abid, Cherifa; Balan, Marius Costel; Vizitiu, Stefanica Eliza; Branoaea, Marius; Kaba, Nicoleta Elena	Investigating the Efficiency of a Heat Recovery-Storage System Using Heat Pipes and Phase Change Materials	MATERIALS	16	6	http://dx.doi.org/10.3390/ma16062382	2023	14	WOS:000960211200001	View Full Record in Web of Science
423	Panoiu, Manuela; Panoiu, Caius; Mezinescu, Sergiu; Militaru, Gabriel; Baci, Ioan	Machine Learning Techniques Applied to the Harmonic Analysis of Railway Power Supply	MATHEMATICS	11	6	http://dx.doi.org/10.3390/math11061381	2023	20	WOS:000959002600001	View Full Record in Web of Science
424	Gubencu, Dinu-Valentin; Opris, Carmen; Han, Adelina-Alina	Analysis of Kerf Quality Characteristics of Kevlar Fiber-Reinforced Polymers Cut by Abrasive Water Jet	MATERIALS	16	6	http://dx.doi.org/10.3390/ma16062182	2023	16	WOS:000958257700001	View Full Record in Web of Science
425	Topirceanu, Alexandru	On the Impact of Quarantine Policies and Recurrence Rate in Epidemic Spreading Using a Spatial Agent-Based Model	MATHEMATICS	11	6	http://dx.doi.org/10.3390/math11061336	2023	19	WOS:000960613400001	View Full Record in Web of Science
426	Albulescu, Claudiu Tiberiu; Grecu, Eugenia	Government Interventions and Sovereign Bond Market Volatility during COVID-19: A Quantile Analysis	MATHEMATICS	11	5	http://dx.doi.org/10.3390/math11051171	2023	14	WOS:000947722800001	View Full Record in Web of Science
427	Farkas, Andrei Zoltan; Galatanu, Sergiu-Valentin; Nagib, Riham	The Influence of Printing Layer Thickness and Orientation on the Mechanical Properties of DLP 3D-Printed Dental Resin	POLYMERS	15	5	http://dx.doi.org/10.3390/polym15051113	2023	14	WOS:000947448200001	View Full Record in Web of Science
428	Hulka, Iosif; Mirza-Rosca, Julia Claudia; Buzdugan, Dragos; Saceleanu, Adriana	Microstructure and Mechanical Characteristics of Ti-Ta Alloys before and after NaOH Treatment and Their Behavior in Simulated Body Fluid	MATERIALS	16	5	http://dx.doi.org/10.3390/ma16051943	2023	14	WOS:000947200600001	View Full Record in Web of Science

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429	Popa, Evelyn; Andelesc, Adelina A.; Ilies (b. Motoc), Sorina; Visan, Alexandru; Cretu, Carmen; Scarpelli, Francesca; Crispini, Alessandra; Manea, Florica; Szerb, Elisabeta I.	Hetero-Bimetallic Ferrocene-Containing Zinc(II)-Terpyridyl-Based Metallomesogen: Structural and Electrochemical Characterization	MATERIALS	16	5	http://dx.doi.org/10.3390/ma16051946	2023	13	WOS:000948301000001	View Full Record in Web of Science
430	Ene, Remus-Daniel; Pop, Nicolina	Optimal Homotopy Asymptotic Method for an Anharmonic Oscillator: Application to the Chen System	MATHEMATICS	11	5	http://dx.doi.org/10.3390/math11051124	2023	14	WOS:000947537100001	View Full Record in Web of Science
431	Liu, Yi; Zhang, Yangsheng; Xu, Wei; Zhang, Maoxin; Pan, Wenwu; Rodriguez, Jose; Boldea, Ion	Improved Efficiency Optimization Control for Brushless Doubly Fed Induction Generator-DC System by Regulating Stator Frequency	IEEE TRANSACTIONS ON POWER ELECTRONICS	38	3	http://dx.doi.org/10.1109/TPEL.2022.3219279	2023	16	WOS:000922862100082	View Full Record in Web of Science
432	Yin, Chenzhong; Udrescu, Mihai; Gupta, Gaurav; Cheng, Mingxi; Lihu, Andrei; Udrescu, Lucretia; Bogdan, Paul; Mannino, David M.; Mihaicuta, Stefan	Fractional Dynamics Foster Deep Learning of COPD Stage Prediction	ADVANCED SCIENCE	10	12	http://dx.doi.org/10.1002/adv.202203485	2023	19	WOS:000935048300001	View Full Record in Web of Science
433	Rus, I.; Ianos, R.; Lazau, R.; Pacurariu, C.	New blue pigments based on CoI plus and Las plus doped hibonite for NIR-reflective coatings	MATERIALS TODAY CHEMISTRY	28		http://dx.doi.org/10.1016/j.mtchem.2023.101391	2023	9	WOS:000937452800001	View Full Record in Web of Science
434	Mitelea, Ion; Bordeasu, Ilare; Cosma (Alexa), Daniela; Utu, Ion-Dragos; Craciunescu, Corneliu Marius	Microstructure and Cavitation Damage Characteristics of GX40CrNiSi25-20 Cast Stainless Steel by TIG Surface Remelting	MATERIALS	16	4	http://dx.doi.org/10.3390/ma16041423	2023	13	WOS:000940633000001	View Full Record in Web of Science
435	Mostovei, Mihail; Solomon, Oleg; Chele, Nicolae; Sinescu, Cosmin; Duma, Virgil-Florin; Mostovei, Andrei	Electromyographic Evaluation of Muscle Activity in Patients Rehabilitated with Full Arch Fixed Implant-Supported Prostheses	MEDICINA-LITHUANIA	59	2	http://dx.doi.org/10.3390/medicina59020299	2023	19	WOS:000940718500001	View Full Record in Web of Science
436	Nagib, Riham; Farkas, Andrei Zoltan; Szuhanek, Camelia	FEM Analysis of Individualized Polymeric 3D Printed Guide for Orthodontic Mini-Implant Insertion as Temporary Crown Support in the Anterior Maxillary Area	POLYMERS	15	4	http://dx.doi.org/10.3390/polym15040879	2023	12	WOS:000941673700001	View Full Record in Web of Science
437	Dan, Mircea Laurentiu; Kellenberger, Andrea; Duca, Delia; Vaszilcsin, Nicolae; Craciunescu, Corneliu Marius; Mitelea, Ion; Ercuta, Aurel; Laedre, Sigrid; Khoza, Thulile	Corrosion Resistance of AISI 442 and AISI 446 Ferritic Stainless Steels as a Support for PEMWE Bipolar Plates	MATERIALS	16	4	http://dx.doi.org/10.3390/ma16041501	2023	13	WOS:000941539700001	View Full Record in Web of Science
438	Muntean, Roxana; Brindusoiu, Mihai; Buzdugan, Dragos; Nemes, Nicoleta Sorina; Kellenberger, Andrea; Utu, Ion Dragos	Characteristics of Hydroxyapatite-Modified Coatings Based on TiO2 Obtained by Plasma Electrolytic Oxidation and Electrophoretic Deposition	MATERIALS	16	4	http://dx.doi.org/10.3390/ma16041410	2023	14	WOS:000940001500001	View Full Record in Web of Science
439	Heghedus-Mindru, Gabriel; Negrea, Petru; Trasca, Teodor Ioan; Stef, Ducu Sandu; Cocan, Ileana; Heghedus-Mindru, Ramona Cristina	Food Intake of Macro and Trace Elements from Different Fresh Vegetables Taken from Timisoara Market, Romania- Chemometric Analysis of the Results	FOODS	12	4	http://dx.doi.org/10.3390/foods12040749	2023	19	WOS:000939035400001	View Full Record in Web of Science
440	Moza, Gheorghe; Brandibur, Oana; Gaina, Ariana	Dynamics of a Four-Dimensional Economic Model	MATHEMATICS	11	4	http://dx.doi.org/10.3390/math11040797	2023	15	WOS:000940708700001	View Full Record in Web of Science

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441	Popa, Adriana; Coheci, Laura; Lupa, Lavinia; Pop, Aniela; Visa, Aurelia	β -Phosphonated Glycine Pendant Groups Grafted on Styrene-6.7% Divinylbenzene Copolymers: Synthesis and Their Application as Photocatalysts	APPLIED SCIENCES-BASEL	13	3	http://dx.doi.org/10.3390/app13032025	2023	13	WOS:000929289900001	View Full Record in Web of Science
442	Hortovanyi, Lilla; Morgan, Robert E.; Herceg, Iva Vuksanovic; Djuricin, Dragan; Hanak, Robert; Horvath, Dora; Mocan, Marian L.; Romanova, Anita; Szabo, Roland Z.	Assessment of digital maturity: the role of resources and capabilities in digital transformation in B2B firms	INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	61	23	http://dx.doi.org/10.1080/00207543.2022.2164087	2023	19	WOS:000930878400001	View Full Record in Web of Science
443	Negrea, R.	On the pathwise uniqueness of solutions to stochastic differential equations	JOURNAL OF DIFFERENTIAL EQUATIONS	355		http://dx.doi.org/10.1016/j.jde.2023.01.027	2023	15	WOS:000931535500001	View Full Record in Web of Science
444	Sarfraz, Muddassar; Khawaja, Kausar Fiaz; Ivascu, Larisa; Khalil, Mahmoona	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	STUDIES IN EDUCATIONAL EVALUATION	76		http://dx.doi.org/10.1016/j.stueduc.2023.101235	2023	10	WOS:000923859000001	View Full Record in Web of Science
445	Pescari, Simon; Budau, Laurentiu; Vilceanu, Clara - Beatrice	Rehabilitation and restauration of the main facade of historical masonry building - Romanian National Opera Timisoara	CASE STUDIES IN CONSTRUCTION MATERIALS	18		http://dx.doi.org/10.1016/j.cscm.2023.e01838	2023	21	WOS:000922899600001	View Full Record in Web of Science
446	Duca, Gheorghe; Travin, Sergey; Zinicovscaia, Inga; Precup, Radu-Emil	Approach to Evaluate the Data of Moss Biomonitoring Studies: Preprocessing and Preliminary Ranking	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	26	3-4	http://dx.doi.org/10.59277/ROMJIST.2023.3-4.02	2023	13	WOS:001083522800002	View Full Record in Web of Science
447	Levy, Efrat; Shabtai, Asaf; Groza, Bogdan; Murvay, Pal-Stefan; Elovici, Yuval	CAN-LOC: Spoofing Detection and Physical Intrusion Localization on an In-Vehicle CAN Bus Based on Deep Features of Voltage Signals	IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY	18		http://dx.doi.org/10.1109/TIFS.2023.3297444	2023	15	WOS:001047300900003	View Full Record in Web of Science
448	Moza, G.; Vesa, L. . F.	Analysis of interactions between human immune system and a pathogenic virus	CARPATHIAN JOURNAL OF MATHEMATICS	39	2	http://dx.doi.org/10.37193/CJM.2023.02.06	2023	12	WOS:001026963500001	View Full Record in Web of Science
449	Popa, Calin-Adrian	Neutral-type, leakage, and mixed delays in fractional-order neural networks: asymptotic synchronization analysis	AIMS MATHEMATICS	8	7	http://dx.doi.org/10.3934/math.2023815	2023	24	WOS:000992772500009	View Full Record in Web of Science
450	Kaim, Vikrant; Singh, Neeta; Kanaujia, Binod Kumar; Matekovits, Ladislau; Esselle, Karu P.; Rambabu, Karumudi	Multi-Channel Implantable Cubic Rectenna MIMO System With CP Diversity in Orthogonal Space for Enhanced Wireless Power Transfer in Biotelemetry	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	71	1	http://dx.doi.org/10.1109/TAP.2022.3222695	2023	15	WOS:000967225900001	View Full Record in Web of Science
451	Abramov, Sergey M.; Travin, Sergey; Duca, Gheorghe; Precup, Radu-Emil	New Opportunities Model for Monitoring, Analyzing and Forecasting the Official Statistics on Coronavirus Disease Pandemic	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	26	1		2023	16	WOS:000952830200004	View Full Record in Web of Science
452	Petrehele, Anda Ioana Gratiela; Duteanu, Narcis; Morgovan, Mona Claudia; Filip, Sanda Monica; Ciocan, Stefania; Marian, Eleonora	Synthesis and Characterisation of Monolacunary Keggin Monovanado-decatungstophosphate and Its Complexes with Transition Metal Cations	MATERIALS	16	2	http://dx.doi.org/10.3390/ma16020827	2023	15	WOS:000927190300001	View Full Record in Web of Science
453	Moaca, Elena-Alina; Watz, Claudia; Faur, Alexandra-Corina; Lazar, Daniela; Socoliuc, Vlad; Pacurariu, Cornelia; Ianos, Robert; Rus, Cristiana-Iulia; Minda, Daliana; Barbu-Tudoran, Lucian; Dehelean, Cristina Adriana	Biologic Impact of Green Synthesized Magnetic Iron Oxide Nanoparticles on Two Different Lung Tumorigenic Monolayers and a 3D Normal Bronchial Model-EpiAirway™ Microtissue	PHARMACEUTICS	15	1	http://dx.doi.org/10.3390/pharmaceutics15010002	2023	24	WOS:000918975700001	View Full Record in Web of Science

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454	Popa, Calin-Adrian	Neutral-Type and Mixed Delays in Fractional-Order Neural Networks: Asymptotic Stability Analysis	FRactal and Fractional	7	1	http://dx.doi.org/10.3390/fractalfract7010036	2023	15	WOS:000915186800001	View Full Record in Web of Science
455	Pascu, Bogdan; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Bumm, Lloyd A.; Grad (mBuriac), Oana; Nemes, Nicoleta Sorina; Mihalcea, Catalina; Duda-Seiman, Daniel Marius	Silver Nanoparticle Synthesis via Photochemical Reduction with Sodium Citrate	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	24	1	http://dx.doi.org/10.3390/ijms24010255	2023	17	WOS:000910218500001	View Full Record in Web of Science
456	Popa, Lucian; Berdich, Adriana; Groza, Bogdan	CarTwin-Development of a Digital Twin for a Real-World In-Vehicle CAN Network	APPLIED SCIENCES-BASEL	13	1	http://dx.doi.org/10.3390/app13010445	2023	23	WOS:000909725200001	View Full Record in Web of Science
457	Feier, Anamaria; Buta, Ioan; Florica, Cosmina; Blaga, Lucian	Optimization of Wire Arc Additive Manufacturing (WAAM) Process for the Production of Mechanical Components Using a CNC Machine	MATERIALS	16	1	http://dx.doi.org/10.3390/ma16010017	2023	23	WOS:000910470000001	View Full Record in Web of Science
458	Panoiu, Manuela; Panoiu, Caius; Mezinescu, Sergiu	Modelling and Prediction of Reactive Power at Railway Stations Using Adaptive Neuro Fuzzy Inference Systems	APPLIED SCIENCES-BASEL	13	1	http://dx.doi.org/10.3390/app13010212	2023	23	WOS:000908918700001	View Full Record in Web of Science
459	Bu, Feifei; Guo, Zitao; Du, Renhui; Dong, Zhaopeng; Zhang, Deli; Xuan, Fuqiang; Qin, Haihong; Chu, Jianbo; Deaconu, Sorin Ioan	Low-Speed Control Strategy of Permanent Magnet Direct Drive Motor Based on Rotor Position Tracking Combined With Disturbance Observation	IEEE TRANSACTIONS ON ENERGY CONVERSION	39	4	http://dx.doi.org/10.1109/TEC.2024.3407104	2024	12	WOS:001396004200003	View Full Record in Web of Science
460	Precup, Radu-Emil; Roman, Raul-Cristian; Hedrea, Elena-Lorena; Petriu, Emil M.; Bojan-Dragos, Claudia-Adina; Szedlak-Stinean, Alexandra-Iulia	METAHEURISTIC-BASED TUNING OF PROPORTIONAL-DERIVATIVE LEARNING RULES FOR PROPORTIONAL-INTEGRAL FUZZY CONTROLLERS IN TOWER CRANE SYSTEM PAYLOAD POSITION CONTROL	FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING	22	4	http://dx.doi.org/10.22190/FUME240914044P	2024	16	WOS:001390176900002	View Full Record in Web of Science
461	Zamfirache, Iuliu Alexandru; Precup, Radu-Emil; Petriu, Emil M.	Adaptive reinforcement learning-based control using proximal policy optimization and slime mould algorithm with experimental tower crane system validation	APPLIED SOFT COMPUTING	160		http://dx.doi.org/10.1016/j.asoc.2024.111687	2024	15	WOS:001389840900001	View Full Record in Web of Science
462	Laitin, Sorina Maria Denisa; Baditoiu, Luminita Mirela; Laza, Ruxandra; Besliu, Razvan Sebastian; Stoicescu, Emil Robert; Gug, Miruna; Dumitru, Cristina Stefania; Patrascu, Raul	Impact of Vaccination Status on COVID-19 Severity and Pulmonary Involvement	MEDICINA-LITHUANIA	60	12	http://dx.doi.org/10.3390/medicina60121919	2024	13	WOS:001385647000001	View Full Record in Web of Science
463	Laitin, Sorina Maria Denisa; Baditoiu, Luminita Mirela; Laza, Ruxandra; Stefan, Irina-Maria; Besliu, Razvan Sebastian; Susa, Septimiu Radu; Oancea, Cristian; Stoicescu, Emil Robert; Manolescu, Diana; Fira-Mladinescu, Corneliuta	Unveiling the Dynamics of Antimicrobial Resistance: A Year-Long Surveillance (2023) at the Largest Infectious Disease Profile Hospital in Western Romania	ANTIBIOTICS-BASEL	13	12	http://dx.doi.org/10.3390/antibiotics13121130	2024	14	WOS:001384173900001	View Full Record in Web of Science
464	Liu, Qi; Rukhsar, Muhammad Uzair; Awan, Muhammad Uzair; Bin-Mohsin, Bandar; Javed, Muhammad Zakria; Ciurdariu, Loredana; Meftah, Badreddine	Bridging Pre-Invex Mappings and Fractional Integrals: A Pathway to Iterative Schemes via Error Boundaries of Maclaurin's Rule	FRactal and Fractional	8	12	http://dx.doi.org/10.3390/fractalfract8120734	2024	23	WOS:001384382800001	View Full Record in Web of Science

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466	Segneanu, Adina-Elena; Bradu, Ionela Amalia; Calinescu Bocanici, Mihaela Simona; Vlase, Gabriela; Vlase, Titus; Herea, Daniel-Dumitru; Buema, Gabriela; Mihailescu, Maria; Grozescu, Ioan	Novel Nanocomposites and Biopolymer-Based Nanocomposites for Hexavalent Chromium Removal from Aqueous Media	POLYMERS	16	24	http://dx.doi.org/10.3390/polym16243469	2024	36	WOS:001383996900001	View Full Record in Web of Science
467	Zimbru, Elena-Larisa; Zimbru, Razvan-Ionub; Ordodi, Valentin-Laureniu; Bojin, Florina-Maria; Crisnic, Daniela; Andor, Minodora; Mirica, Silvia-Nicoleta; Hutu, Ioan; Tanasie, Gabriela; Haidar, Laura; Nistor, Daciana; Velcean, Luminita; Paunescu, Virgil; Panaiteanu, Carmen	Rosuvastatin Attenuates Vascular Dysfunction Induced by High-Fructose Diets and Allergic Asthma in Rats	NUTRIENTS	16	23	http://dx.doi.org/10.3390/nu16234104	2024	24	WOS:001376515900001	View Full Record in Web of Science
468	Bandas, Cornelia; Orha, Corina; Nicolaescu, Mircea; Morariu (Popescu), Mina-Ionela; Lazau, Carmen	2D and 3D Nanostructured Metal Oxide Composites as Promising Materials for Electrochemical Energy Storage Techniques: Synthesis Methods and Properties	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	25	23	http://dx.doi.org/10.3390/ijms252312521	2024	36	WOS:001376359600001	View Full Record in Web of Science
469	Constantinescu, Amalia; Stoicescu, Emil Robert; Iacob, Roxana; Chira, Cosmin Alexandru; Cocolea, Daiana Marina; Nicola, Alin Ciprian; Mladin, Roxana; Oancea, Cristian; Manolescu, Diana	CT-Guided Transthoracic Core-Needle Biopsy of Pulmonary Nodules: Current Practices, Efficacy, and Safety Considerations	JOURNAL OF CLINICAL MEDICINE	13	23	http://dx.doi.org/10.3390/jcm13237330	2024	28	WOS:001376574900001	View Full Record in Web of Science
470	Heghedus-Mindru, Gabriel; Glevitzky, Mirel; Heghedus-Mindru, Ramona Cristina; Dumitrel, Gabriela-Alina; Popa, Maria; Glevitzky, Ioana; Obistioiu, Diana; Cocan, Ileana; Vica, Mihaela Laura	Inhibitory Effects and Composition Analysis of Romanian Propolis: Applications in Organic and Sustainable Agriculture	PLANTS-BASEL	13	23	http://dx.doi.org/10.3390/plants13233355	2024	24	WOS:001376146400001	View Full Record in Web of Science
471	Munteanu, Andreea; Gogulescu, Armand; Soica, Codruta; Mioc, Alexandra; Mioc, Marius; Milan, Andreea; Lukinich-Gruia, Alexandra Teodora; Pricop, Maria-Alexandra; Jianu, Calin; Banciu, Christian; Racoviceanu, Roxana	In Vitro and In Silico Evaluation of Syzygium aromaticum Essential Oil: Effects on Mitochondrial Function and Cytotoxic Potential Against Cancer Cells	PLANTS-BASEL	13	23	http://dx.doi.org/10.3390/plants13233443	2024	25	WOS:001376148300001	View Full Record in Web of Science
472	Buncianu, Dorel; Lungulescu, Eduard-Marius; Caramitu, Alina; Marinescu, Virgil; Marsavina, Liviu; Lovasz, Erwin-Christian	Synthesis and Characterization of Acrylic Resin/Kaolin Composites for Dielectric Applications	POLYMERS	16	23	http://dx.doi.org/10.3390/polym16233376	2024	13	WOS:001376172900001	View Full Record in Web of Science
473	Ionescu, Daniela; Kovaci, Maria	Prediction of the Specific Energy of Supercapacitors with Polymeric Materials Using Advanced Molecular Dynamics Simulations	POLYMERS	16	23	http://dx.doi.org/10.3390/polym16233404	2024	29	WOS:001376160800001	View Full Record in Web of Science
474	Herisanu, Nicolae; Marinca, Bogdan; Marinca, Vasile	On the Nonlinear Forced Vibration of the Magnetostrictive Laminated Beam in a Complex Environment	MATHEMATICS	12	23	http://dx.doi.org/10.3390/math12233836	2024	24	WOS:001376341200001	View Full Record in Web of Science

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475	Hussain, Talib; Ciurdariu, Loredana; Grecu, Eugenia	A New Inclusion on Inequalities of the Hermite-Hadamard-Mercer Type for Three-Times Differentiable Functions	MATHEMATICS	12	23	http://dx.doi.org/10.3390/math12233711	2024	27	WOS:001376345300001	View Full Record in Web of Science
476	Frent, Olimpia-Daniela; Stefan, Liana; Morgovan, Claudia Mona; Duteanu, Narcis; Dejeu, Ioana Lavinia; Marian, Eleonora; Vicas, Laura; Manole, Felicia	A Systematic Review: Quercetin-Secondary Metabolite of the Flavonol Class, with Multiple Health Benefits and Low Bioavailability	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	25	22	http://dx.doi.org/10.3390/ijms252212091	2024	47	WOS:001365434500001	View Full Record in Web of Science
477	Ianos, Robert; Rus, Iulia; Lazau, Radu; Ciutan, Roxana	Near-infrared reflective coatings based on red-brown Ce1-xPrxO2 pigments	APPLIED MATERIALS TODAY	39		http://dx.doi.org/10.1016/j.apmt.2024.102301	2024	7	WOS:001367010500001	View Full Record in Web of Science
478	Mederle, Alexandra Laura; Dima, Mirabela; Stoicescu, Emil Robert; Capastraru, Bogdan Florin; Levai, Codrina Mihaela; Hategan, Ovidiu Alin; Maghiari, Anca Laura	Impact of Gut Microbiome Interventions on Glucose and Lipid Metabolism in Metabolic Diseases: A Systematic Review and Meta-Analysis	LIFE-BASEL	14	11	http://dx.doi.org/10.3390/life14111485	2024	18	WOS:001365567800001	View Full Record in Web of Science
479	Liga, Sergio; Voda, Raluca; Lupa, Lavinia; Paul, Cristina; Nemes, Nicoleta Sorina; Muntean, Delia; Avram, Stefana; Gherban, Mihaela; Peter, Francisc	Green Synthesis of Zinc Oxide Nanoparticles Using Puerarin: Characterization, Antimicrobial Potential, Angiogenesis, and In Ovo Safety Profile Assessment	PHARMACEUTICS	16	11	http://dx.doi.org/10.3390/pharmaceutics16111464	2024	16	WOS:001365894800001	View Full Record in Web of Science
480	Jojic, Alina Arabela; Liga, Sergio; Utu, Diana; Ruse, Gratiana; Suciu, Liana; Motoc, Andrei; Soica, Codruta Marinela; Tchiakpe-Antal, Diana-Simona	Beyond Essential Oils: Diterpenes, Lignans, and Biflavonoids from Juniperus communis L. as a Source of Multi-Target Lead Compounds	PLANTS-BASEL	13	22	http://dx.doi.org/10.3390/plants13223233	2024	27	WOS:001365866100001	View Full Record in Web of Science
481	Ghiormez, Loredana; Panoiu, Manuela; Panoiu, Caius	Fuzzy Logic Controller for Power Control of an Electric Arc Furnace	MATHEMATICS	12	21	http://dx.doi.org/10.3390/math12213445	2024	26	WOS:001351799300001	View Full Record in Web of Science
482	Pricop, Maria-Alexandra; Lukinich-Gruia, Alexandra Teodora; Cristea, Iustina-Mirabela; Paunescu, Virgil; Tatu, Calin Adrian	Aristolochia clematitis L. Ethanolic Extracts: In Vitro Evaluation of Antioxidant Activity and Cytotoxicity on Caco-2 Cell Line	PLANTS-BASEL	13	21	http://dx.doi.org/10.3390/plants13212987	2024	14	WOS:001351810300001	View Full Record in Web of Science
483	Benea, Ioana Cristina; Daescu, Diana; Todea, Anamaria; Nagy, Lajos; Keki, Sandor; Pausescu, Iulia; Pellis, Alessandro; Peter, Francisc	Efficient biotransformation of biobased raw materials into novel polyesters/polyesteramides; comparative investigation of enzymatic synthesis of block and random copolymers and terpolymers	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	282		http://dx.doi.org/10.1016/j.ijbiomac.2024.137046	2024	17	WOS:001353478400001	View Full Record in Web of Science
484	Stolojanu, Cristiana; Doros, Gabriela; Bratu, Melania Lavinia; Ciobanu, Iulia; Munteanu, Krisztina; Iacob, Emil Radu; Ghenciu, Laura Andreea; Stoicescu, Emil Robert; Dima, Mirabela	COVID-19 and Its Potential Impact on Children Born to Mothers Infected During Pregnancy: A Comprehensive Review	DIAGNOSTICS	14	21	http://dx.doi.org/10.3390/diagnostics14212443	2024	15	WOS:001351286200001	View Full Record in Web of Science
485	Trusculescu, Adriana Ana; Ancusa, Versavia Maria; Pescaru, Camelia Corina; Wellmann, Norbert; Fira-Mladinescu, Cornelia; Oancea, Cristian Iulian; Fira-Mladinescu, Ovidiu	A Multifaceted Exploration of Status Asthmaticus: A Retrospective Analysis in a Romanian Hospital	JOURNAL OF CLINICAL MEDICINE	13	21	http://dx.doi.org/10.3390/jcm13216615	2024	25	WOS:001351294500001	View Full Record in Web of Science

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486	Jianu, Narcisa; Buda, Valentina Oana; Capatana, Denisa; Muntean, Calin; Onea, Teodor Nicolae; Jivulescu, Maria Anastasia; Teodor, Ana; Romanescu, Mirabela; Udrescu, Lucretia; Groza, Vlad; Udrescu, Mihai; Buzatu, Alina Ramona; Dehelean, Cristina Adriana; Andor, Minodora	Osteoporosis: a problem still faulty addressed by the Romanian healthcare system. Results of a questionnaire survey of people aged 40 years and over	FRONTIERS IN MEDICINE	11		http://dx.doi.org/10.3389/fmed.2024.1485382	2024	14	WOS:001349131500001	View Full Record in Web of Science
487	Vica, Mihaela Laura; Glevitzky, Mirel; Dumitrel, Gabriela-Alina; Popa, Maria; Glevitzky, Ioana; Teodoru, Cosmin Adrian	Antimicrobial Activity of Honey and Propolis from Alba County, Romania	ANTIBIOTICS-BASEL	13	10	http://dx.doi.org/10.3390/antibiotics13100952	2024	17	WOS:001343338200001	View Full Record in Web of Science
488	Stefan, Octavian; Codrean, Alexandru	Networked Control of a Small Drone Resilient to Cyber Attacks	DRONES	8	10	http://dx.doi.org/10.3390/drones8100552	2024	21	WOS:001343153600001	View Full Record in Web of Science
489	Ali, Naseem Zulfiqar; Khan, Awais Gul; Awan, Muhammad Uzair; Ciurdariu, Loredana; Brahim, Kamel	Design and Applicability of Two-Step Fractional Newton-Raphson Method	FRACTAL AND FRACTIONAL	8	10	http://dx.doi.org/10.3390/fractalfract8100582	2024	18	WOS:001343033400001	View Full Record in Web of Science
490	Rosu, Cristian Dan; Bratu, Melania Lavinia; Stoicescu, Emil Robert; Iacob, Roxana; Hategan, Ovidiu Alin; Ghenciu, Laura Andreea; Bolintineanu, Sorin Lucian	Cardiovascular Risk Factors as Independent Predictors of Diabetic Retinopathy in Type II Diabetes Mellitus: The Development of a Predictive Model	MEDICINA-LITHUANIA	60	10	http://dx.doi.org/10.3390/medicina60101617	2024	16	WOS:001343541800001	View Full Record in Web of Science
491	Ahlawat, Sarita; Kanaujia, Binod Kumar; Singh, Neeta; Zaidi, Aijaz M.; Rambabu, Karumudi; Matekovits, Ladislau	Measurement and performance evaluation of triple band differential integrated extraoral rectifying antenna for data transfer and RF energy harvesting for tongue drive system	SCIENTIFIC REPORTS	14	1	http://dx.doi.org/10.1038/s41598-024-74769-8	2024	21	WOS:001340425900042	View Full Record in Web of Science
492	Maritescu, Adelina; Crisan, Alexandru Florian; Pescaru, Camelia Corina; Stoicescu, Emil Robert; Oancea, Cristian; Iacob, Daniela	Effectiveness of Combined Pulmonary Rehabilitation and Progressive Muscle Relaxation in Treating Long-Term COVID-19 Symptoms: A Randomized Controlled Trial	JOURNAL OF CLINICAL MEDICINE	13	20	http://dx.doi.org/10.3390/jcm13206237	2024	14	WOS:001342695000001	View Full Record in Web of Science
493	Javed, Muhammad Zakria; Awan, Muhammad Uzair; Ciurdariu, Loredana; Dragomir, Silvestru Sever; Almalki, Yahya	On Extended Class of Totally Ordered Interval-Valued Convex Stochastic Processes and Applications	FRACTAL AND FRACTIONAL	8	10	http://dx.doi.org/10.3390/fractalfract8100577	2024	25	WOS:001341893900001	View Full Record in Web of Science
494	Valean, Cristina; Marsavina, Liviu; Linul, Emanoil	Compressive behavior of additively manufactured lightweight structures: Infill density optimization based on energy absorption diagrams	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	33		http://dx.doi.org/10.1016/j.jmrt.2024.10.143	2024	16	WOS:001343319200001	View Full Record in Web of Science
495	Travin, Sergey; Gromov, Oleg B.; Duca, Gheorghe; Precup, Radu-Emil	Statistical Computational Model of Fission Products Composition of Irradiated Nuclear Fuel and Their Contribution to Gas-aerosol Emissions of Nuclear Power Plants	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	27	3-4		2024	13	WOS:001339559600005	View Full Record in Web of Science
496	Sarbu, Ioan; Dorca, Alexandru; Mirza, Matei	Exhaustive overview of advances in integrating renewable energy sources into district heating systems	SUSTAINABLE CITIES AND SOCIETY	116		http://dx.doi.org/10.1016/j.scs.2024.105897	2024	27	WOS:001338524500001	View Full Record in Web of Science
497	Binali, Rustem; da Silva, Leonardo Rosa Ribeiro; Pimenov, Danil Yu; Kuntoglu, Mustafa; Machado, Alisson Rocha; Linul, Emanoil	A review on progress trends of machining of Carbon Fiber Reinforced Plastics	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	33		http://dx.doi.org/10.1016/j.jmrt.2024.10.050	2024	28	WOS:001338660600001	View Full Record in Web of Science

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498	Blaga, Robert; Calinoiu, Delia; Trif-Tordai, Gavrilă	Changes in Anthropogenic Aerosols during the First Wave of COVID-19 Lockdowns in the Context of Long-Term Historical Trends at 51 AERONET Stations	REMOTE SENSING	16	19	http://dx.doi.org/10.3390/rs16193618	2024	13	WOS:001332850100001	View Full Record in Web of Science
499	Panoiu, Manuela; Panoiu, Caius	Hybrid Deep Neural Network Approaches for Power Quality Analysis in Electric Arc Furnaces	MATHEMATICS	12	19	http://dx.doi.org/10.3390/math12193071	2024	30	WOS:001331995300001	View Full Record in Web of Science
500	Fahimi, Babak; Lewis, Laura H.; Miller, John M.; Pekarek, Steven D.; Boldea, Ion; Ozpineci, Burak; Hameyer, Kay; Schulz, Steven E.; Ghaderi, Ahmad; Popescu, Mircea; Lehman, Bradley; Patel, Dhruvi Dhairya	Automotive Electric Propulsion Systems: A Technology Outlook	IEEE TRANSACTIONS ON TRANSPORTATION ELECTRIFICATION	10	3	http://dx.doi.org/10.1109/TTE.2023.3321707	2024	25	WOS:001319573400160	View Full Record in Web of Science
501	Mitelea, Ion; Cosma (Alexa), Daniela; Karancsi, Olimpiu; Burca, Mircea; Craciunescu, Corneliu Marius; Utu, Ion-Dragos	Hardfacing of GX40CrNiSi25-20 cast stainless steel with an austenitic manganese steel electrode	MATERIALS TESTING	66	12	http://dx.doi.org/10.1515/mt-2024-0124	2024	11	WOS:001330748900001	View Full Record in Web of Science
502	Marino, Enzo; Gkantou, Michaela; Malekjafarian, Abdollah; Bali, Seevani; Baniotopoulos, Charalampos; van Beeck, Jeroen; Borg, Ruben Paul; Bruschi, Niccolo; Cardiff, Philip; Chatzi, Eleni; Cudina, Ivan; Dinu, Florea; Efthymiou, Evangelos; Ferri, Giulio; Gervasio, Helena; Heng, Junlin; Jiang, Zhiyu; Lenci, Stefano; Lukacevic, Ivan; Manuel, Lance; Meyer, Angela; Mendez-Morales, Mariela; Osmanovic, Adnan; Pakrashi, Vikram; Pandit, Amiya; Rega, Giuseppe; Skejic, Davor; Tesch, Luana; Ungureanu, Viorel; Uzunovic, Tarik; Verma, Amrit Shankar	Offshore renewable energies: A review towards Floating Modular Energy Islands- Monitoring, Loads, Modelling and Control	OCEAN ENGINEERING	313		http://dx.doi.org/10.1016/j.oceaneng.2024.119251	2024	20	WOS:001331364100001	View Full Record in Web of Science
503	Dumitrescu, Andreea; Vitcu, Gabriela Mut; Stoica, Svetlana; Susa, Septimiu Radu; Stoicescu, Emil Robert	Cardiovascular Risk Factors in Socioeconomically Disadvantaged Populations in a Suburb of the Largest City in Western Romania	BIOMEDICINES	12	9	http://dx.doi.org/10.3390/biomedicines12091989	2024	18	WOS:001326149700001	View Full Record in Web of Science
504	Ghenciu, Laura Andreea; Dima, Mirabela; Stoicescu, Emil Robert; Iacob, Roxana; Boru, Casiana; Hategan, Ovidiu Alin	Retinal Imaging-Based Oculomics: Artificial Intelligence as a Tool in the Diagnosis of Cardiovascular and Metabolic Diseases	BIOMEDICINES	12	9	http://dx.doi.org/10.3390/biomedicines12092150	2024	21	WOS:001323438600001	View Full Record in Web of Science
505	Ghenciu, Laura Andreea; Sis, Alina Maria; Stoicescu, Emil Robert; Danila, Alexandra-Ioana; Iacob, Roxana; Sandesc, Mihai-Alexandru; Hategan, Ovidiu Alin	Thyroid Eye Disease and Glaucoma: A Cross-Sectional Study Comparing Clinical Characteristics and Disease Severity	MEDICINA-LITHUANIA	60	9	http://dx.doi.org/10.3390/medicina60091430	2024	13	WOS:001323655400001	View Full Record in Web of Science
506	Dinu, Florea; Neagu, Calin; Senila, Mihai	Wall sandwich panels with steel facings and PUR foam core under transverse loading: Experimental testing and numerical model calibration	ENGINEERING STRUCTURES	321		http://dx.doi.org/10.1016/j.engstruct.2024.119014	2024	15	WOS:001320034100001	View Full Record in Web of Science
507	Boldea, Ion; Popa, Ana-Adela; Blaabjerg, Frede	Active Flux Based Advanced Encoderless AC Drives: A Tutorial Review	IEEE TRANSACTIONS ON POWER ELECTRONICS	39	10	http://dx.doi.org/10.1109/TPEL.2024.3405073	2024	14	WOS:001304358100091	View Full Record in Web of Science

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508	Babau, Theodora; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Adina; Negrea, Petru; Nemes, Nicoleta Sorina; Pascu, Bogdan; Mihailescu, Maria; Ianasi, Catalin	Synthesis of Some Eco-Friendly Materials for Gold Recovery	POLYMERS	16	17	http://dx.doi.org/10.3390/polym16172512	2024	22	WOS:001311472200001	View Full Record in Web of Science
509	Tudoran, Cristina; Tudoran, Mariana; Abu-Awwad, Ahmed; Abu-Awwad, Simona-Alina; Faur, Cosmin; Crisan-Vida, Mihaela; Stoicu-Tivadar, Lacramioara; Voita-Mekeres, Florica	Sex-related differences concerning the profile and evolution of cardiovascular complications in patients with post-acute COVID-19 syndrome	LIFE SCIENCES	356		http://dx.doi.org/10.1016/j.lfs.2024.123044	2024	9	WOS:001310166900001	View Full Record in Web of Science
510	Topirceanu, Alexandru	A Spatial Agent-Based Model for Studying the Effect of Human Mobility Patterns on Epidemic Outbreaks in Urban Areas	MATHEMATICS	12	17	http://dx.doi.org/10.3390/math12172765	2024	20	WOS:001311025400001	View Full Record in Web of Science
511	Xu, Wei; Gong, Yifan; Ge, Jian; Liao, Kaiju; Liao, Guangyu; Zhang, Maoxin; Boldea, Ion	Fast Efficiency Optimization Control Based on Orthogonal Current Phasor Model for Linear Oscillatory Motor	IEEE TRANSACTIONS ON POWER ELECTRONICS	39	9	http://dx.doi.org/10.1109/TPEL.2024.3412739	2024	13	WOS:001273801000036	View Full Record in Web of Science
512	Daescu, Diana Ionela; Dreava, Diana Maria; Todea, Anamaria; Peter, Francisc; Pausescu, Iulia	Intelligent Biopolymer-Based Films: Promising New Solutions for Food Packaging Applications	POLYMERS	16	16	http://dx.doi.org/10.3390/polym16162256	2024	16	WOS:001305863900001	View Full Record in Web of Science
513	Modiga, Cristina; Stoia, Andreea; Leretter, Marius Traian; Chis, Ana Codruta; Ardelean, Andreea-Violeta; Azar, Edward-Ronald; Kapor, Gabriel; Pop, Daniela-Maria; Rominu, Mihai; Sinescu, Cosmin; Negrutiu, Meda-Lavinia; Petrescu, Emanuela-Lidia	Mechanical Assessment of Denture Polymers Processing Technologies	JOURNAL OF FUNCTIONAL BIOMATERIALS	15	8	http://dx.doi.org/10.3390/jfb15080234	2024	17	WOS:001305608000001	View Full Record in Web of Science
514	Perva, Iulia Teodora; Simina, Iulia Elena; Bende, Renata; Motofelea, Alexandru Catalin; Emandi, Adela Chirita; Andreescu, Nicoleta; Sima, Alexandra; Vlad, Adrian; Sporea, Ioan; Zimbru, Cristian; Tutac, Paul Calin; Puiu, Maria; Niculescu, Mihai Dinu	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	MEDICINA-LITHUANIA	60	8	http://dx.doi.org/10.3390/medicina60081366	2024	15	WOS:001306858400001	View Full Record in Web of Science
515	Gao, Xiangli; Jie, Tianle; Xu, Datao; Gal, Janos; Fekete, Gusztav; Liang, Minjun; Gu, Yaodong	Adaptive Adjustments in Lower Limb Muscle Coordination during Single-Leg Landing Tasks in Latin Dancers	BIOMIMETICS	9	8	http://dx.doi.org/10.3390/biomimetics9080489	2024	17	WOS:001307074200001	View Full Record in Web of Science
516	Ghenciu, Laura Andreea; Hategan, Ovidiu Alin; Stoicescu, Emil Robert; Iacob, Roxana; Sisu, Alina Maria	Emerging Therapeutic Approaches and Genetic Insights in Stargardt Disease: A Comprehensive Review	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	25	16	http://dx.doi.org/10.3390/ijms25168859	2024	19	WOS:001306716700001	View Full Record in Web of Science
517	Osaci, Mihaela; Cacciola, Matteo; Gheorghe, Lavinia	Exploring the tendency of Brownian agglomeration in polydispersed systems of solid atmospheric aerosols	PHYSICS OF FLUIDS	36	8	http://dx.doi.org/10.1063/5.0218974	2024	10	WOS:001299494100028	View Full Record in Web of Science
518	Zimbru, Razvan-Ionut; Zimbru, Elena-Larisa; Ordodi, Valentin-Laurentiu; Bojin, Florina-Maria; Crisnic, Daniela; Griju, Manuela; Mirica, Silvia-Nicoleta; Tanasie, Gabriela; Georgescu, Marius; Hutu, Ioan; Haidar, Laura; Paunescu, Virgil; Panaitescu, Carmen	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	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	25	16	http://dx.doi.org/10.3390/ijms25168868	2024	21	WOS:001304814800001	View Full Record in Web of Science
519	Linul, Emanoil; Galatanu, Sergiu-Valentin; Marsavina, Liviu; Kovacic, Jaroslav	Crushing behavior of closed-cell metallic foams: Anisotropy and temperature effects	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	30		http://dx.doi.org/10.1016/j.jmrt.2024.03.186	2024	14	WOS:001289113000001	View Full Record in Web of Science
520	Valean, Cristina; Linul, Emanoil; Palomba, Giulia; Epasto, Gabriella	Single and repeated impact behavior of material extrusion-based additive manufactured PLA parts	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	30		http://dx.doi.org/10.1016/j.jmrt.2024.03.150	2024	12	WOS:001289172600001	View Full Record in Web of Science

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521	Kouhalvandi, Lida; Matekovits, Ladislau	Conjointly active and passive modelings with deep neural networks as fully automated optimizations for upper-mid band 6G communications	SCIENTIFIC REPORTS	14	1	http://dx.doi.org/10.1038/s41598-024-68011-8	2024	17	WOS:001285116800018	View Full Record in Web of Science
522	Langa, Maria Cristina; Nica, Diana Florina; Duma, Virgil-Florin; Heredea, Rodica Elena; Sinescu, Cosmin	Dentigerous Cysts in Children: Clinical, Radiological, and Healing Aspects	MEDICINA-LITHUANIA	60	7	http://dx.doi.org/10.3390/medicina60071133	2024	13	WOS:001277611400001	View Full Record in Web of Science
523	Marc, Simona; Craciun, Ioan Claudiu; Sicoe, Bogdan; Savici, Jelena; Boldura, Oana Maria; Paul, Cristina; Otava, Gabriel; Vaduva, Cristina; Stancu, Adrian	Monosymmetros Cephalothoracopagus Tetrabrachius and Tetrapus Piglets with Syndromic Evolution	ANIMALS	14	14	http://dx.doi.org/10.3390/ani14142127	2024	15	WOS:001276659900001	View Full Record in Web of Science
524	Chattopadhyay, Ritvik; Jung, Junyeong; Islam, Md. Sariful; Boldea, Ion; Husain, Iqbal	Rare-Earth Free Unity Power Factor Bi-Axial Excitation Synchronous Machine for Traction Applications	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	60	4	http://dx.doi.org/10.1109/TIA.2024.3379312	2024	13	WOS:001273958700005	View Full Record in Web of Science
525	Yan, Lu; Zhao, Tao; Xie, Xiangpeng; Precup, Radu-Emil	OSSEFS: An online semi-supervised ensemble fuzzy system for data streams learning with missing values	EXPERT SYSTEMS WITH APPLICATIONS	255		http://dx.doi.org/10.1016/j.eswa.2024.124695	2024	13	WOS:001268528900001	View Full Record in Web of Science
526	Pop, Ion Octavian; Marsavina, Liviu; Dopeux, Jerome; Metrope, Mickael	A new approach for fracture process zone evaluation	THEORETICAL AND APPLIED FRACTURE MECHANICS	132		http://dx.doi.org/10.1016/j.tafmec.2024.104495	2024	12	WOS:001263668100001	View Full Record in Web of Science
527	Nagib, Riham; Farkas, Andrei Zoltan; Szuhaneck, Camelia	Finite element analysis of the mechanical behavior of 3D printed orthodontic attachments used in aligner treatment	SCIENTIFIC REPORTS	14	1	http://dx.doi.org/10.1038/s41598-024-65864-x	2024	9	WOS:001258394400049	View Full Record in Web of Science
528	Pasmينو, Diego; Slotboom, Johannes; Schweisthal, Brigitte; Guevara, Pamela; Valenzuela, Waldo; Pino, Esteban J.	Comparison of baseline correction algorithms for in vivo 1H-MRS	NMR IN BIOMEDICINE	37	11	http://dx.doi.org/10.1002/nbm.5203	2024	16	WOS:001260768200001	View Full Record in Web of Science
529	Hegde, M. M. Rajath; Pradeep, N. B.; Parameshwara, S.; Patel, G. C. Manjunath; Linul, Emanoil	Synthesis and characterization of multi-walled carbon nanotube-reinforced Ti-Mg alloy prepared by mechanical alloying and microwave sintering	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	31		http://dx.doi.org/10.1016/j.jmrt.2024.06.120	2024	14	WOS:001260925900001	View Full Record in Web of Science
530	Stoia, Dan Ioan; Linul, Emanoil	Tensile, flexural and fracture properties of MEX-printed PLA-based composites	THEORETICAL AND APPLIED FRACTURE MECHANICS	132		http://dx.doi.org/10.1016/j.tafmec.2024.104478	2024	14	WOS:001255836000001	View Full Record in Web of Science
531	Berbentea, Alexandra; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Adina; Negrea, Petru; Nemes, Nicoleta Sorina; Pascu, Bogdan; Svera (M Ianasi), Paula; Ianasi, Catalin; Duda Seiman, Daniel Marius; Muntean, Delia; Boeriu, Estera	Advanced Photocatalytic Degradation of Cytarabine from Pharmaceutical Wastewaters	TOXICS	12	6	http://dx.doi.org/10.3390/toxics12060405	2024	23	WOS:001256549000001	View Full Record in Web of Science
532	Ghenciu, Laura Andreea; Hategan, Ovidiu Alin; Bolintineanu, Sorin Lucian; Danila, Alexandra-Ioana; Faur, Alexandra Corina; Prodan-Barbulescu, Catalin; Stoicescu, Emil Robert; Iacob, Roxana; Sisu, Alina Maria	Immune-Mediated Ocular Surface Disease in Diabetes Mellitus-Clinical Perspectives and Treatment: A Narrative Review	BIOMEDICINES	12	6	http://dx.doi.org/10.3390/biomedicines12061303	2024	17	WOS:001254646900001	View Full Record in Web of Science
533	Popa, Calin-Adrian	Stability and synchronization of octonion-valued neural networks with leakage and mixed delays on time scales	COMPUTATIONAL & APPLIED MATHEMATICS	43	5	http://dx.doi.org/10.1007/s40314-024-02820-5	2024	26	WOS:001251891300003	View Full Record in Web of Science

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534	Sarbu, Ioan; Dorca, Alexandru	Investigation by monitoring and numerical simulation of the performance of a ground-source heat pump system with and without regeneration in different configurations and operating modes	APPLIED THERMAL ENGINEERING	250		http://dx.doi.org/10.1016/j.applthermaleng.2024.123507	2024	15	WOS:001247466700001	View Full Record in Web of Science
535	Popa, Calin-Adrian	Synchronization of Clifford-valued neural networks with leakage, time-varying, and infinite distributed delays on time scales	AIMS MATHEMATICS	9	7	http://dx.doi.org/10.3934/math.2024915	2024	28	WOS:001243902000004	View Full Record in Web of Science
536	Belega, Daniel; Petri, Dario; Dallet, Dominique	Generalized multi-point interpolated DTFT frequency and damping factor estimators of real-valued damped sinusoids	MEASUREMENT	234		http://dx.doi.org/10.1016/j.measurement.2024.114885	2024	16	WOS:001241821600001	View Full Record in Web of Science
537	Dinu, Florea; Neagu, Calin; Laszlo, Robert; Ghiciei, Emilian; Senila, Mihai; Dubina, Dan	Behavior of steel liner tray walls under external blast: Experimental testing and numerical simulations	ENGINEERING STRUCTURES	310		http://dx.doi.org/10.1016/j.engstruct.2024.118106	2024	17	WOS:001239630800001	View Full Record in Web of Science
538	Valean, Cristina; Orbulov, Imre Norbert; Kemeny, Alexandra; Linul, Emanoil	Low-cycle compression-compression fatigue behavior of MEX-printed PLA parts	ENGINEERING FAILURE ANALYSIS	161		http://dx.doi.org/10.1016/j.engfailanal.2024.108335	2024	10	WOS:001235559000001	View Full Record in Web of Science
539	Steflea, Ruxandra Maria; Stroescu, Ramona; Gafencu, Mihai; Stoicescu, Emil Robert; Isac, Raluca; Olariu, Ioana-Cristina; Micsescu-Olah, Andrada Mara; Susa, Septimiu Radu; Murariu, Mircea; Doros, Gabriela	A Pilot Comparative Study between Creatinine- and Cystatin-C-Based Equations to Estimate GFR and Kidney Ultrasound Percentiles in Children with Congenital Anomalies of the Kidney and Urinary Tract	DIAGNOSTICS	14	10	http://dx.doi.org/10.3390/diagnostics14100994	2024	16	WOS:001233011300001	View Full Record in Web of Science
540	Liga, Sergio; Paul, Cristina	Puerarin-A Promising Flavonoid: Biosynthesis, Extraction Methods, Analytical Techniques, and Biological Effects	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	25	10	http://dx.doi.org/10.3390/ijms25105222	2024	19	WOS:001232598400001	View Full Record in Web of Science
541	Todea, Anamaria; Bitcan, Ioan; Giannetto, Marco; Radoi, Iulia Ioana; Bruschi, Raffaele; Renzi, Monia; Anselmi, Serena; Provenza, Francesca; Bentivoglio, Tecla; Asaro, Fioretta; Carosati, Emanuele; Gardossi, Lucia	Enzymatic Synthesis and Structural Modeling of Bio-Based Oligoesters as an Approach for the Fast Screening of Marine Biodegradation and Ecotoxicity	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	25	10	http://dx.doi.org/10.3390/ijms25105433	2024	27	WOS:001232599300001	View Full Record in Web of Science
542	Fayaz, H.; Ramesh, S.; Afzal, Asif; Agbulut, Umit; Khan, Sher Afghan; Asif, Mohammed; Raja, Vijayanandh; Linul, Emanoil	Investigation of numerical phase transition of nano-enhanced SiC/paraffin wax PCM in solar-assisted water desalination system	THERMAL SCIENCE AND ENGINEERING PROGRESS	50		http://dx.doi.org/10.1016/j.tsep.2024.102528	2024	15	WOS:001214021700001	View Full Record in Web of Science
543	Valean, Estera; Foti, Pietro; Berto, Filippo; Marsavina, Liviu	Static and fatigue behavior of 3D printed smooth and notched PLA and short carbon fibers reinforced PLA	THEORETICAL AND APPLIED FRACTURE MECHANICS	131		http://dx.doi.org/10.1016/j.tafmec.2024.104417	2024	9	WOS:001229587700001	View Full Record in Web of Science
544	Galatanu, Sergiu-Valentin; Marsavina, Liviu; Kovacic, Jaroslav; Linul, Emanoil	Influence of density and loading speed on static and impact properties of closed-cell metallic foams	ENGINEERING FAILURE ANALYSIS	161		http://dx.doi.org/10.1016/j.engfailanal.2024.108297	2024	12	WOS:001227143500001	View Full Record in Web of Science
545	Milovanovic, Aleksa; Montanari, Matteo; Golubovic, Zorana; Marghitas, Mihai P.; Spagnoli, Andrea; Brighenti, Roberto; Sedmak, Aleksandar	Compressive and flexural mechanical responses of components obtained through mSLA vat photopolymerization technology	THEORETICAL AND APPLIED FRACTURE MECHANICS	131		http://dx.doi.org/10.1016/j.tafmec.2024.104406	2024	10	WOS:001226983300001	View Full Record in Web of Science
546	Soares, Sara; Serralha, Fatima; Paz, Maria Catarina; Carrico, Nelson; Galatanu, Sergiu-Valentin	Unveiling the data: An analysis of plastic waste with emphasis on the countries of the E3UDRES2 alliance	HELIYON	10	7	http://dx.doi.org/10.1016/j.heliyon.2024.e28375	2024	15	WOS:001224602800001	View Full Record in Web of Science

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547	Nanjundaiah, Rashmi Saragur; Rao, Shrikantha Sasithlu; Praveenkumar, K.; Prabhu, T. Ram; Shettigar, Arun Kumar; Patel, G. C. Manjunath; Linul, Emanoil	Fretting wear behavior on LPBF processed AISi10Mg alloy for different heat treatment conditions	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	30		http://dx.doi.org/10.1016/j.jmrt.2024.04.147	2024	17	WOS:001224527100004	View Full Record in Web of Science
548	Ene, Remus-Daniel; Pop, Nicolina	Semi-Analytical Closed-Form Solutions for Dynamical Rössler-Type System	MATHEMATICS	12	9	http://dx.doi.org/10.3390/math12091308	2024	18	WOS:001220092300001	View Full Record in Web of Science
549	Sabadus, Andreea; Blaga, Robert; Hategan, Sergiu-Mihai; Calinoiu, Delia; Paulescu, Eugenia; Mares, Oana; Boata, Remus; Stefu, Nicoleta; Paulescu, Marius; Badescu, Viorel	A cross-sectional survey of deterministic PV power forecasting: Progress and limitations in current approaches	RENEWABLE ENERGY	226		http://dx.doi.org/10.1016/j.renene.2024.120385	2024	22	WOS:001221967800001	View Full Record in Web of Science
550	Fayaz, H.; Ramesh, S.; Raja, Vijayanandh; Linul, Emanoil; Khan, Sher Afghan; Asif, Mohammed; Buradi, Abdulrajak; Samuel, Olusegun David	Temporal numerical analysis of beeswax PCM melting in a cube geometry subjected to a constant wall temperature condition	CASE STUDIES IN THERMAL ENGINEERING	56		http://dx.doi.org/10.1016/j.csite.2024.104273	2024	16	WOS:001220423200001	View Full Record in Web of Science
551	Roy, Roji George; Agbulut, Umit; Koshy, Chacko Preno; Alex, Y.; Sathish, K. S.; Khan, Sher Afghan; Jilte, Ravindra; Linul, Emanoil; Asif, Mohammad	Impact of synthesizing surfactant-modified catalytic ceria nanoparticles on the performance and environmental behaviors of coconut oil/diesel-fueled CI engine: An optimization attempt	ENERGY	295		http://dx.doi.org/10.1016/j.energy.2024.130825	2024	21	WOS:001221201300001	View Full Record in Web of Science
552	Stangaciu, Valentin; Stangaciu, Cristina; Curiac, Daniel-Ioan; Micea, Mihai, V	PARSECS_RT: A real-time PARSECS-based communication protocol stack for critical sensing applications	INTERNET OF THINGS	25		http://dx.doi.org/10.1016/j.iot.2024.101139	2024	19	WOS:001219511400001	View Full Record in Web of Science
553	Danila, Alexandra-Ioana; Ghenciu, Laura Andreea; Stoicescu, Emil Robert; Bolintineanu, Sorin Lucian; Iacob, Roxana; Sandesc, Mihai-Alexandru; Faur, Alexandra Corina	Aldose Reductase as a Key Target in the Prevention and Treatment of Diabetic Retinopathy: A Comprehensive Review	BIOMEDICINES	12	4	http://dx.doi.org/10.3390/biomedicines12040747	2024	16	WOS:001210257200001	View Full Record in Web of Science
554	Lazureanu, Cristian; Cho, Jinyoung	On a Family of Hamilton-Poisson Jerk Systems	MATHEMATICS	12	8	http://dx.doi.org/10.3390/math12081260	2024	12	WOS:001210638500001	View Full Record in Web of Science
555	Suta, Lenuta-Maria; Ridichie, Amalia; Ledeti, Adriana; Temereanca, Claudia; Ledeti, Ionut; Muntean, Delia; Radulescu, Matilda; Varut, Renata-Maria; Watz, Claudia; Craianeanu, Florentin; Ivan, Denisa; Vlase, Gabriela; Stelea, Lavinia	Host-Guest Complexation of Itraconazole with Cyclodextrins for Bioavailability Enhancement	PHARMACEUTICS	16	4	http://dx.doi.org/10.3390/pharmaceutics16040560	2024	20	WOS:001210576100001	View Full Record in Web of Science
556	Dinu, Florea; Neagu, Calin; Dubina, Dan; Senila, Mihai; Laszlo, Robert; Ghicioi, Emilian	Experimental and numerical studies on steel liner tray walls under static transverse loads	ENGINEERING STRUCTURES	305		http://dx.doi.org/10.1016/j.engstruct.2024.117666	2024	14	WOS:001205784900001	View Full Record in Web of Science
557	Andreica, Tudor; Musuroi, Adrian; Anistoroaei, Alfred; Jichici, Camil; Groza, Bogdan	Blockchain integration for in-vehicle CAN bus intrusion detection systems with ISO/SAE 21434 compliant reporting	SCIENTIFIC REPORTS	14	1	http://dx.doi.org/10.1038/s41598-024-58694-4	2024	17	WOS:001198838600013	View Full Record in Web of Science
558	Roman, Raul-Cristian; Precup, Radu-Emil; Petriu, Emil M.; Borlea, Anamaria-Ioana	Hybrid Data-Driven Active Disturbance Rejection Sliding Mode Control with Tower Crane Systems Validation	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	27	1	http://dx.doi.org/10.59277/ROMJIST.2024.1.04	2024	15	WOS:001203088700004	View Full Record in Web of Science
559	Sedmak, Aleksandar; Radu, Dorin; Arandelovic, Mihajlo; Sedmak, Simon; Bancila, Radu	Residual life assessment of the historical road riveted bridges	ENGINEERING FRACTURE MECHANICS	299		http://dx.doi.org/10.1016/j.engfracmech.2024.109960	2024	16	WOS:001205821100001	View Full Record in Web of Science

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560	Liga, Sergio; Paul, Cristina; Moaca, Elena-Alina; Peter, Francis	Niosomes: Composition, Formulation Techniques, and Recent Progress as Delivery Systems in Cancer Therapy	PHARMACEUTICS	16	2	http://dx.doi.org/10.3390/pharmaceutics16020223	2024	28	WOS:001172468300001	View Full Record in Web of Science
561	Stoicescu, Emil Robert; Iacob, Roxana; Ilie, Adrian Cosmin; Iacob, Emil Radu; Susa, Septimiu Radu; Ghenciu, Laura Andreea; Constantinescu, Amalia; Cocola, Daiana Marina; Ciornei-Hoffman, Andreea; Oancea, Cristian; Manolescu, Diana Luminita	Stratifying Disease Severity in Pediatric COVID-19: A Correlative Study of Serum Biomarkers and Lung Ultrasound-A Retrospective Observational Dual-Center Study	DIAGNOSTICS	14	4	http://dx.doi.org/10.3390/diagnostics14040440	2024	15	WOS:001175064900001	View Full Record in Web of Science
562	Novac, Andreea Codruta; Tudor, Anca; Pop, Daniela Maria; Neagu, Carina Sonia; Craciunescu, Emanuela Lidia; Rominu, Mihai; Negrutiu, Meda Lavinia; Duma, Virgil-Florin; Sinescu, Cosmin	Conventional Dental Impressions vs. Impressions Reinforced with Rigid Mouthguards	POLYMERS	16	7	http://dx.doi.org/10.3390/polym16070994	2024	20	WOS:001201615100001	View Full Record in Web of Science
563	Bu, Feifei; Liu, Haozhe; Huang, Wenxin; Shi, Jianyu; Liu, Zhekai; Sun, Tiankui; Qin, Haihong; Luo, Zuxin; Deaconu, Sorin Ioan	Dynamic-Decoupled Current Control Based on Reduced-Order Observer for Dual Stator-Winding Induction Generator	IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS	12	1	http://dx.doi.org/10.1109/JESTPE.2023.3340339	2024	12	WOS:001173493300073	View Full Record in Web of Science
564	Sun, Jianmin; Sarfraz, Muddassar; Ivascu, Larisa; Han, Heesup; Ozturk, Ilknur	Live streaming and livelihoods: Decoding the creator Economy's influence on consumer attitude and digital behavior	JOURNAL OF RETAILING AND CONSUMER SERVICES	78		http://dx.doi.org/10.1016/j.jretconser.2024.103753	2024	20	WOS:001183201700001	View Full Record in Web of Science
565	Berdich, Adriana; Groza, Bogdan	Cyberattacks on Adaptive Cruise Controls and Emergency Braking Systems: Adversary Models, Impact Assessment, and Countermeasures	IEEE TRANSACTIONS ON RELIABILITY	73	2	http://dx.doi.org/10.1109/TR.2024.3373810	2024	15	WOS:001193716800001	View Full Record in Web of Science
566	Cata, Adina; Ienascu, Ioana Maria Carmen; Frum, Adina; Ursu, Daniel; Svera, Paula; Orha, Corina; Rusu, Gerlinde; Chis, Adriana Aurelia; Dobrea, Carmen Maximiliana; Morgovan, Claudiu; Pop, Oana-Raluca	Preparation and Characterization of a Novel Salicin-Cyclodextrin Complex	PHARMACEUTICS	16	3	http://dx.doi.org/10.3390/pharmaceutics16030369	2024	19	WOS:001193490800001	View Full Record in Web of Science
567	Panoiu, Manuela; Panoiu, Caius; Ivascanu, Petru	Power Factor Modelling and Prediction at the Hot Rolling Mills' Power Supply Using Machine Learning Algorithms	MATHEMATICS	12	6	http://dx.doi.org/10.3390/math12060839	2024	26	WOS:001192515500001	View Full Record in Web of Science
568	Harding, Liliana; Kaslik, Eva; Neamtu, Mihaela; Vesa, Loredana Flavia	A five-dimensional unemployment model with two distributed time delays	MATHEMATICAL METHODS IN THE APPLIED SCIENCES	47	11	http://dx.doi.org/10.1002/mma.10054	2024	16	WOS:001193203200001	View Full Record in Web of Science
569	Rus, Andreea-Alexandra; Lazar, Mihai-Andrei; Negrea, Romeo; Cozlac, Alina-Ramona; Vacarescu, Cristina; Sosdean, Raluca; Luca, Silvia-Ana; Gaita, Dan; Mornos, Cristian	Short-Term Changes in Weather Conditions and the Risk of Acute Coronary Syndrome Hospitalization with and without ST-Segment Elevation: A Focus on Vulnerable Subgroups	MEDICINA-LITHUANIA	60	3	http://dx.doi.org/10.3390/medicina60030454	2024	15	WOS:001192475600001	View Full Record in Web of Science
570	Suciu, Liana; Ardelean, Sebastian Mihai; Udrescu, Mihai; Goldis, Florina-Diana; Handa, Daiana; Tuica, Maria-Medana; Vasii, Sabina-Oana; Udrescu, Lucretia	Categorical Analysis of Database Consistency in Reporting Drug-Drug Interactions for Cardiovascular Diseases	PHARMACEUTICS	16	3	http://dx.doi.org/10.3390/pharmaceutics16030339	2024	16	WOS:001193436400001	View Full Record in Web of Science
571	Vancea, Cosmin; Ciocarlie, Loredana; Negrea, Adina; Mosoarca, Giannin; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Pascu, Bogdan; Nemes, Nicoleta-Sorina	Evaluation of Functionalized Amberlite Type XAD7 Polymeric Resin with L-Valine Amino Acid Performance for Gallium Recovery	POLYMERS	16	6	http://dx.doi.org/10.3390/polym16060837	2024	15	WOS:001192443300001	View Full Record in Web of Science

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572	Stoicescu, Emil Robert; Iacob, Roxana; Ilie, Adrian Cosmin; Iacob, Emil Radu; Susa, Septimiu Radu; Ghenciu, Laura Andreea; Constantinescu, Amalia; Cocolea, Daiana Marina; Oancea, Cristian; Manolescu, Diana Luminita	Differentiating Viral from Bacterial Pneumonia in Children: The Diagnostic Role of Lung Ultrasound-A Prospective Observational Study	DIAGNOSTICS	14	5	http://dx.doi.org/10.3390/diagnostics14050480	2024	14	WOS:001183369200001	View Full Record in Web of Science
573	Rus, Iulia; Ianos, Robert; Lazau, Radu; Pacurariu, Cornelia; Moldovan, Ionela; Dabici, Anamaria	Near-infrared reflective coatings based on Ca1-xNdxAl12-xNixO19 blue pigments, prepared by solution combustion synthesis	CERAMICS INTERNATIONAL	50	6	http://dx.doi.org/10.1016/j.ceramint.2023.12.288	2024	13	WOS:001184772500001	View Full Record in Web of Science
574	Anghel, Iasmina-Madalina; Utu, Ion-Dragos; Pascu, Alexandru; Hulka, Iosif; Woelk, Dino Horst; Marginean, Gabriela	Microstructure and properties of Co based laser clad composite coatings	MATERIALS TESTING	66	5	http://dx.doi.org/10.1515/mt-2023-0362	2024	10	WOS:001184489000001	View Full Record in Web of Science
575	Linul, Petrica; Banica, Radu; Grad, Oana; Linul, Emanoil; Vaszilescu, Nicolae	Highly Electroconductive Metal-Polymer Hybrid Foams Based on Silver Nanowires: Manufacturing and Characterization	POLYMERS	16	5	http://dx.doi.org/10.3390/polym16050608	2024	18	WOS:001183112100001	View Full Record in Web of Science
576	Voinescu, Oana Raluca; Ionescu, Bogdana Ioana; Militaru, Sebastian; Afana, Andreea Sorina; Sascau, Radu; Vasiliu, Laura; Onciul, Sebastian; Dobrescu, Mihaela Amelia; Cozlac, Ramona Alina; Cozma, Dragos; Rancea, Raluca; Dragulescu, Bogdan; Andreescu, Nicoleta Ioana; Puiu, Maria; Jurcut, Ruxandra Oana; Chirita-Emandi, Adela	Genetic Characterization of Dilated Cardiomyopathy in Romanian Adult Patients	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	25	5	http://dx.doi.org/10.3390/ijms25052562	2024	18	WOS:001183287600001	View Full Record in Web of Science
577	Rosu, Luminioara M.; Prodan-Barbulescu, Catalin; Maghiari, Anca Laura; Bernad, Elena S.; Bernad, Robert L.; Iacob, Roxana; Stoicescu, Emil Robert; Borozean, Florina; Ghenciu, Laura Andreea	Current Trends in Diagnosis and Treatment Approach of Diabetic Retinopathy during Pregnancy: A Narrative Review	DIAGNOSTICS	14	4	http://dx.doi.org/10.3390/diagnostics14040369	2024	19	WOS:001169929200001	View Full Record in Web of Science
578	Vasilache, Ingrid-Andrada; Scripcariu, Ioana-Sadyie; Doroftei, Bogdan; Bernad, Robert Leonard; Caraulceanu, Alexandru; Socolov, Demetra; Melinte-Popescu, Alina-Sinziana; Vicoveanu, Petronela; Harabor, Valeriu; Mihalceanu, Elena; Melinte-Popescu, Marian; Harabor, Anamaria; Bernad, Elena; Nemescu, Dragos	Prediction of Intrauterine Growth Restriction and Preeclampsia Using Machine Learning-Based Algorithms: A Prospective Study	DIAGNOSTICS	14	4	http://dx.doi.org/10.3390/diagnostics14040453	2024	11	WOS:001170000000001	View Full Record in Web of Science
579	Valean, Cristina; Baban, Marian; Rajak, Dipen Kumar; Linul, Emanoil	Effect of multiple process parameters on optimizing tensile properties for material extrusion-based additive manufacturing	CONSTRUCTION AND BUILDING MATERIALS	414		http://dx.doi.org/10.1016/j.conbuildmat.2024.135015	2024	25	WOS:001168925700001	View Full Record in Web of Science
580	Stoicescu, Emil Robert; Iacob, Roxana; Iacob, Emil Radu; Ghenciu, Laura Andreea; Oancea, Cristian; Manolescu, Diana Luminita	Tiny Lungs, Big Differences: Navigating the Varied COVID-19 Landscape in Neonates vs. Infants via Biomarkers and Lung Ultrasound	BIOMEDICINES	12	2	http://dx.doi.org/10.3390/biomedicines12020425	2024	17	WOS:001168335200001	View Full Record in Web of Science
581	Bhatta, Dharm Dev; Pi, Yi; Sarfraz, Muddassar; Jaffri, Zain Ul Abidin; Ivascu, Larisa; Ozturk, Ilknur	What determines the entrepreneurial intentions of employees? A moderated mediation model of entrepreneurial motivation and innovate work behavior	HELIYON	10	2	http://dx.doi.org/10.1016/j.heliyon.2024.e24678	2024	17	WOS:001166294600001	View Full Record in Web of Science

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582	Butnicu, Dan; Ionescu, Daniela; Kovaci, Maria	Structure Optimization of Some Single-Ion Conducting Polymer Electrolytes with Increased Conductivity Used in Beyond Lithium-Ion Batteries	POLYMERS	16	3	http://dx.doi.org/10.3390/polym16030368	2024	21	WOS:001160105600001	View Full Record in Web of Science
583	Fauth, Judith; Bloch, Tanya; Noardo, Francesca; Nisbet, Nicholas; Kaiser, Stefanie-Brigitte; Gade, Peter Norkjaer; Tekavec, Jernej	Taxonomy for building permit system-organizing knowledge for building permit digitalization	ADVANCED ENGINEERING INFORMATICS	59		http://dx.doi.org/10.1016/j.aei.2023.102312	2024	21	WOS:001154450300001	View Full Record in Web of Science
584	Kellenberger, Andrea; Vaszilcsin, Nicolae; Dan, Mircea Laurentiu; Mitelea, Ion; Geana, Alexandru Adrian; Laedre, Sigrid; Craciunescu, Corneliu M.	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	ACTA METALLURGICA SINICA-ENGLISH LETTERS	37	4	http://dx.doi.org/10.1007/s40195-023-01653-1	2024	13	WOS:001152529000006	View Full Record in Web of Science
585	Herlo, Lucian-Flavius; Dumache, Raluca; Duta, Ciprian; Vita, Octavia; Mercioni, Adriana Marina; Stelea, Lavinia; Sirli, Roxana; Iurciuc, Stela	Colorectal Cancer Risk Prediction Using the rs4939827 Polymorphism of the SMAD7 Gene in the Romanian Population	DIAGNOSTICS	14	2	http://dx.doi.org/10.3390/diagnostics14020220	2024	11	WOS:001151783500001	View Full Record in Web of Science
586	Ciurdariu, Loredana; Grecu, Eugenia	On q-Hermite-Hadamard Type Inequalities via s-Convexity and (α, m) -Convexity	FRactal and Fractional	8	1	http://dx.doi.org/10.3390/fractalfract8010012	2024	15	WOS:001151823400001	View Full Record in Web of Science
587	Jichici, Camil; Berdich, Adriana; Musuroi, Adrian; Groza, Bogdan	Control System Level Intrusion Detection on J1939 Heavy-Duty Vehicle Buses	IEEE Transactions on Industrial Informatics	20	2	http://dx.doi.org/10.1109/TII.2023.3283995	2024	13	WOS:001129375800002	View Full Record in Web of Science
588	Tanasa, Constantin; Bosioc, Alin; Stuparu, Adrian; Muntean, Sebastian; Susan-Resiga, Romeo	A Perspective Review of Passive Techniques Applied to Control the Swirling Flow Instabilities From the Conical Diffuser of Hydraulic Turbines	APPLIED MECHANICS REVIEWS	76	1	http://dx.doi.org/10.1115/1.4056895	2024	20	WOS:001144083300001	View Full Record in Web of Science
589	Ursu, Daniel; Miclau, Marinela; Casut, Cristian; Albulescu, Daiana; Birtok-Bancasa, Corneliu; Vajda, Melinda	Efficient indoor dye-sensitized solar cells based on TiO2 hollow sphere	JOURNAL OF ALLOYS AND COMPOUNDS	976		http://dx.doi.org/10.1016/j.jallcom.2023.173134	2024	7	WOS:001137669800001	View Full Record in Web of Science
590	Precup, Radu-Emil; Nguyen, Anh-Tu; Blazic, Saso	A survey on fuzzy control for mechatronics applications	INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE	55	4	http://dx.doi.org/10.1080/00207721.2023.2293486	2024	43	WOS:001133680200001	View Full Record in Web of Science
591	Keller, Alexandra Iasmina; Mosoarca, Marius	Historic timber roof structure vulnerability assessment procedures - Critical analysis and comparison	JOURNAL OF CULTURAL HERITAGE	66		http://dx.doi.org/10.1016/j.culher.2023.11.011	2024	10	WOS:001127965400001	View Full Record in Web of Science
592	Liao, Kaiju; Xu, Wei; Ge, Jian; Boldea, Ion	Improved Position Sensorless Resonant Frequency Tracking Control Method for Linear Oscillatory Machine	IEEE Transactions on Industrial Electronics	71	4	http://dx.doi.org/10.1109/TIE.2023.3273251	2024	11	WOS:001103021200075	View Full Record in Web of Science
593	Moza, Gheorghe; Rocsoareanu, Carmen; Sterpu, Mihaela; Oliveira, Regilene	Stability and bifurcation analysis of a four-dimensional economic model	CARPATHIAN JOURNAL OF MATHEMATICS	40	1	http://dx.doi.org/10.37193/CJM.2024.01.10	2024	15	WOS:001104169300001	View Full Record in Web of Science
594	Li, Wenjie; Liu, Xiangpeng; Wang, Danning; Lu, Wei; Yuan, Bo; Qin, Chengjin; Cheng, Yuhua; Căleanu, Catalin	MITDCNN: A multi-modal input Transformer-based deep convolutional neural network for misfire signal detection in high-noise diesel engines	EXPERT SYSTEMS WITH APPLICATIONS	238		http://dx.doi.org/10.1016/j.eswa.2023.121797	2024	22	WOS:001095885800001	View Full Record in Web of Science
595	Marinca, Vasile; Marinca, Bogdan; Herisanu, Nicolae	Study of heat transfer in MHD viscoelastic fluid of second grade over a stretching porous sheet with electromagnetic effects and nonuniform source/sink	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS	439		http://dx.doi.org/10.1016/j.cam.2023.115601	2024	17	WOS:001092802100001	View Full Record in Web of Science

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596	Buzatu, Alina Ramona; Soler, Miguel Angel; Fortuna, Sara; Ozkilinc, Ozge; Dreava, Diana Maria; Bitcan, Ioan; Badea, Valentin; Giannozzi, Paolo; Fogolari, Federico; Gardossi, Lucia; Peter, Francisc; Todea, Anamaria; Boeriu, Carmen Gabriela	Reactive natural deep eutectic solvents increase selectivity and efficiency of lipase catalyzed esterification of carbohydrate polyols	CATALYSIS TODAY	426		http://dx.doi.org/10.1016/j.cattod.2023.114373	2024	16	WOS:001082122300001	View Full Record in Web of Science
597	Lemle, Ludovic Dan	On the Lie-Trotter approximation formula	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS	437		http://dx.doi.org/10.1016/j.cam.2023.115466	2024	10	WOS:001062474500001	View Full Record in Web of Science
598	Saravanan, R.; Sathish, T.; Agbulut, Umit; Sathyamurthy, Ravishankar; Sharma, Prabhakar; Linul, Emanoil; Asif, Mohammad	Waste bull bone based reusable and biodegradable heterogeneous catalyst for alternate fuel production from WCO, and investigation of its usability as fuel substitute	FUEL	355		http://dx.doi.org/10.1016/j.fuel.2023.129436	2024	15	WOS:001060453100001	View Full Record in Web of Science
599	Denden, Mouna; Abed, Mourad; Holotescu, Victor; Tlili, Ahmed; Holotescu, Carmen; Grosseck, Gabriela	Down to the Rabbit Hole: How Gamification is Integrated in Blockchain Systems? A Systematic Literature Review	INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION	40	19	http://dx.doi.org/10.1080/10447318.2023.2238973	2024	15	WOS:001040770400001	View Full Record in Web of Science
600	Lica, Septimiu; Lascu, Dan; Lovasz, Evelyn-Astrid	A new step-up-down quadratic dc-dc converter with a single active switch	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS	436		http://dx.doi.org/10.1016/j.cam.2023.115362	2024	18	WOS:001023585500001	View Full Record in Web of Science

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1	Tigan, G.; Lugojan, S.; Ciurdariu, L.	Analysis of Degenerate Chenciner Bifurcation	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS	30	16	http://dx.doi.org/10.1142/S0218127420502454	2020	11	WOS:000605662900012	View Full Record in Web of Science
2	Pevnaya, Maria V.; Drozdova, Anna A.; Cernicova-Buca, Mariana	Making Room for Volunteer Participation in Managing Public Affairs: A Russian Experience	SUSTAINABILITY	12	24	http://dx.doi.org/10.3390/su122410229	2020	18	WOS:000603173400001	View Full Record in Web of Science
3	Albulescu, C. T.; Bouri, E.; Tiwari, A. K.; Roubaud, D.	Quantile causality between banking stock and real estate securities returns in the US	QUARTERLY REVIEW OF ECONOMICS AND FINANCE	78		http://dx.doi.org/10.1016/j.qref.2020.03.005	2020	10	WOS:000593335800021	View Full Record in Web of Science
4	Tanasa, C.; Dan, D.; Becchio, C.; Corgnati, S. P.; Stoian, V.	Cost-optimal and indoor environmental quality assessment for residential buildings towards EU long-term climate targets	ENERGY FOR SUSTAINABLE DEVELOPMENT	59		http://dx.doi.org/10.1016/j.esd.2020.09.002	2020	13	WOS:000595257800005	View Full Record in Web of Science
5	Marian, Eleonora; Tita, Bogdan; Duteanu, Narcis; Vicas, Laura; Ciocan, Stefania; Jurca, Tunde; Antal, Liana; Tica, Otilia; Muresan, Mariana; Pallag, Annamaria; Micle, Otilia	Antimicrobial activity of fusidic acid inclusion complexes	INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES	101		http://dx.doi.org/10.1016/j.ijid.2020.09.1465	2020	9	WOS:000596075200018	View Full Record in Web of Science
6	Sbarcea, Laura; Tanase, Ionut-Mihai; Ledeti, Adriana; Circioban, Denisa; Vlase, Gabriela; Barvinschi, Paul; Miclău, Marinela; Varut, Renata-Maria; Trandafirescu, Cristina; Ledeti, Ionut	Encapsulation of Risperidone by Methylated β -Cyclodextrins: Physicochemical and Molecular Modeling Studies	MOLECULES	25	23	http://dx.doi.org/10.3390/molecules25235694	2020	15	WOS:000597906600001	View Full Record in Web of Science
7	Lupa, Lavinia; Cochechi, Laura; Trica, Bogdan; Coroaba, Adina; Popa, Adriana	Photodegradation of Phenolic Compounds from Water in the Presence of a Pd-Containing Exhausted Adsorbent	APPLIED SCIENCES-BASEL	10	23	http://dx.doi.org/10.3390/app10238440	2020	15	WOS:000597164500001	View Full Record in Web of Science
8	Nickayin, Samaneh Sadat; Halbac-Cotoara-Zamfir, Rares; Clemente, Matteo; Chelli, Francesco Maria; Salvati, Luca; Benassi, Federico; Morera, Antonio Gimenez	Qualifying Peripheries or Repolarizing the Center: A Comparison of Gentrification Processes in Europe	SUSTAINABILITY	12	21	http://dx.doi.org/10.3390/su12219039	2020	14	WOS:000589218000001	View Full Record in Web of Science
9	Halbac-Cotoara-Zamfir, Rares; Smiraglia, Daniela; Quaranta, Giovanni; Salvia, Rosanna; Salvati, Luca; Gimenez-Morera, Antonio	Land Degradation and Mitigation Policies in the Mediterranean Region: A Brief Commentary	SUSTAINABILITY	12	20	http://dx.doi.org/10.3390/su12208313	2020	17	WOS:000583081200001	View Full Record in Web of Science
10	Younesiraad, Hemn; Bemani, Mohammad; Matekovits, Ladislau	Optimal Huygens' Metasurface for Wireless Power Transfer Efficiency Improvement	IEEE ACCESS	8		http://dx.doi.org/10.1109/ACCESS.2020.3041337	2020	10	WOS:000597820200001	View Full Record in Web of Science
11	Tamas, Andra; Cozma, Ioana; Cochechi, Laura; Lupa, Lavinia; Rusu, Gerlinde	Adsorption of Orange II Onto Zn ₂ Al-Layered Double Hydroxide Prepared From Zinc Ash	FRONTIERS IN CHEMISTRY	8		http://dx.doi.org/10.3389/fchem.2020.573535	2020	13	WOS:000598134900001	View Full Record in Web of Science
12	Radac, Mircea-Bogdan; Lala, Timotei	Robust Control of Unknown Observable Nonlinear Systems Solved as a Zero-Sum Game	IEEE ACCESS	8		http://dx.doi.org/10.1109/ACCESS.2020.3040185	2020	13	WOS:000597190600001	View Full Record in Web of Science
13	Remes, Adriana; Manea, Florica; Motoc, Sorina; Baci, Anamaria; Szerb, Elisabeta, I; Gascon, Jorge; Gug, Georgiana	Highly Sensitive Non-Enzymatic Detection of Glucose at MWCNT-CuBTC Composite Electrode	APPLIED SCIENCES-BASEL	10	23	http://dx.doi.org/10.3390/app10238419	2020	14	WOS:000597079900001	View Full Record in Web of Science
14	Ionitescu, Marius; Vermesan, Dinu; Haragus, Horia; Suci, Oana; Todor, Adrian; Dumitrascu, Cristian, V; Negrea, Romeo; Hoinoiu, Teodora; Radu, Daniela; Fruja, Dan	Association of Neutrophil to Lymphocyte Ratio with Patient Reported Outcomes in Knee Osteoarthritis	APPLIED SCIENCES-BASEL	10	22	http://dx.doi.org/10.3390/app10228173	2020	8	WOS:000594931800001	View Full Record in Web of Science

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15	Perju-Mitran, Alexandra; Zirra, Daniela; Carutasu, George; Pirjan, Alexandru; Stanica, Justina-Lavinia	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	SUSTAINABILITY	12	22	http://dx.doi.org/10.3390/su12229488	2020	23	WOS:000594568400001	View Full Record in Web of Science
16	Szabo, Roland Zs.; Vuksanovic Herceg, Iva; Hanak, Robert; Hortovanyi, Lilla; Romanova, Anita; Mocan, Marian; Djuricin, Dragan	Industry 4.0 Implementation in B2B Companies: Cross-Country Empirical Evidence on Digital Transformation in the CEE Region	SUSTAINABILITY	12	22	http://dx.doi.org/10.3390/su12229538	2020	20	WOS:000594601200001	View Full Record in Web of Science
17	Afzal, Muhammad U.; Matekovits, Ladislau; Esselle, Karu P.; Lalbakhsh, Ali	Beam-Scanning Antenna Based on Near-Electric Field Phase Transformation and Refraction of Electromagnetic Wave Through Dielectric Structures	IEEE ACCESS	8		http://dx.doi.org/10.1109/ACCESS.2020.3033284	2020	12	WOS:000589729700001	View Full Record in Web of Science
18	Cadariu, Liviu; Popa, Dorian; Rasa, Ioan	Ulam Stability of a Second Linear Differential Operator with Nonconstant Coefficients	SYMMETRY-BASEL	12	9	http://dx.doi.org/10.3390/sym12091451	2020	7	WOS:000587589700001	View Full Record in Web of Science
19	Capota, Eugenia Ana; Stangaciu, Cristina Sorina; Micea, Mihai Victor; Curici, Daniel-Ioan	Towards Fully Jitterless Applications: Periodic Scheduling in Multiprocessor MCSs Using a Table-Driven Approach	APPLIED SCIENCES-BASEL	10	19	http://dx.doi.org/10.3390/app10196702	2020	21	WOS:000587185100001	View Full Record in Web of Science
20	Smuleac, Adrian; Smuleac, Laura; Man, Teodor Eugen; Popescu, Cosmin Alin; Imbrea, Florin; Radulov, Isidora; Adamov, Tabita; Pascalau, Raul	Use of Modern Technologies for the Conservation of Historical Heritage in Water Management	WATER	12	10	http://dx.doi.org/10.3390/w12102895	2020	39	WOS:000586984100001	View Full Record in Web of Science
21	Stefanovic, Nenad; Blagojevic, Marija; Pokrajac, Ivan; Greconici, Marian; Cen, Yigang; Mladenovic, Vladimir	A Symbolic Encapsulation Point as Tool for 5G Wideband Channel Cross-Layer Modeling	ENTROPY	22	10	http://dx.doi.org/10.3390/e22101151	2020	18	WOS:000586225300001	View Full Record in Web of Science
22	Dragomir, Gabriel-Mugurel; Cernicova-Buca, Mariana; Gherhes, Vasile; Cismariu, Liliana	Engineering Students' Human Values as Rhizomatic Lines of Sustainability	SUSTAINABILITY	12	18	http://dx.doi.org/10.3390/su12187417	2020	27	WOS:000582578500001	View Full Record in Web of Science
23	Popescu, Gabriela; Radulov, Isidora; Iordanescu, Olimpia A.; Orboi, Manuela D.; Radulescu, Laura; Druga, Marioara; Bujanca, Gabriel S.; David, Ioan; Hadaruga, Daniel I.; (Banciu) Christine, A. Lucan; Hadaruga, Nicoleta G.; Ravis, Mircea	Karl Fischer Water Titration-Principal Component Analysis Approach on Bread Products	APPLIED SCIENCES-BASEL	10	18	http://dx.doi.org/10.3390/app10186518	2020	15	WOS:000580481700001	View Full Record in Web of Science
24	Buriac, Oana; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Adina; Negrea, Petru; Grozav, Ioan	Platinum (IV) Recovery from Waste Solutions by Adsorption onto Dibenzo-30-crown-10 Ether Immobilized on Amberlite XAD7 Resin-Factorial Design Analysis	MOLECULES	25	16	http://dx.doi.org/10.3390/molecules25163692	2020	23	WOS:000577817400001	View Full Record in Web of Science
25	Muntean, Roxana; Pascal, Dragos-Toader; Rost, Ulrich; Marginean, Gabriela; Brodman, Michael; Vaszilcsin, Nicolae	Synthesis and characterisation of platinum-cobalt-manganese ternary alloy catalysts supported on carbon nanofibers: An alternative catalyst for hydrogen evolution reaction	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	45	49	http://dx.doi.org/10.1016/j.ijhydene.2020.02.041	2020	9	WOS:000573610100018	View Full Record in Web of Science
26	Buse, Constantin; Lupulescu, Vasile; O'Regan, Donal	Hyers-Ulam stability for equations with differences and differential equations with time-dependent and periodic coefficients	PROCEEDINGS OF THE ROYAL SOCIETY OF EDINBURGH SECTION A-MATHEMATICS	150	5	http://dx.doi.org/10.1017/prm.2019.12	2020	14	WOS:000572396300001	View Full Record in Web of Science

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27	Marinca, Vasile; Herisanu, Nicolae	Construction of Analytic Solution to Axisymmetric Flow and Heat Transfer on a Moving Cylinder	SYMMETRY-BASEL	12	8	http://dx.doi.org/10.3390/sym12081335	2020	16	WOS:000564703400001	View Full Record in Web of Science
28	Marsavina, Liviu; Linul, Emanoil	Fracture toughness of rigid polymeric foams: A review	FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES	43	11	http://dx.doi.org/10.1111/ffe.13327	2020	32	WOS:000562229500001	View Full Record in Web of Science
29	Osaci, Mihaela; Cacciola, Matteo	Influence of the magnetic nanoparticle coating on the magnetic relaxation time	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	11		http://dx.doi.org/10.3762/bjnano.11.105	2020	10	WOS:000561837800001	View Full Record in Web of Science
30	Albulescu, Claudiu Tiberiu; Artene, Alin Emanuel; Luminosu, Caius Tudor; Tamasila, Matei	CO ₂ emissions, renewable energy, and environmental regulations in the EU countries	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	27	27	http://dx.doi.org/10.1007/s11356-019-06155-1	2020	21	WOS:000559349600021	View Full Record in Web of Science
31	Cornea, Octavian; Hulea, Dan; Muntean, Nicolae; Andreescu, Gheorghe-Daniel	Step-Down Switched-Inductor Hybrid DC-DC Converter for Small Power Wind Energy Conversion Systems With Hybrid Storage	IEEE ACCESS	8		http://dx.doi.org/10.1109/ACCESS.2020.3012029	2020	16	WOS:000557772600001	View Full Record in Web of Science
32	Marian, Eleonora; Duteanu, Narcis; Vicas, Laura; Rusu, Gerlinde; Jurca, Tunde; Muresan, Mariana; Micle, Otilia; Hangan, Adriana Corina; Stan, Roxana Liana; Ionescu, Corina; Sevastre, Bogdan; Pall, Emoke	Synthesis, characterization of inclusion compounds of amygdalin with β -cyclodextrin and sod-like activity and cytotoxicity on hela tumor cells	ARABIAN JOURNAL OF CHEMISTRY	13	8	http://dx.doi.org/10.1016/j.arabjc.2020.06.035	2020	10	WOS:000554695100012	View Full Record in Web of Science
33	Mosoarca, Marius; Onescu, Iasmina; Onescu, Eugen; Anastasiadis, Anthimos	Seismic vulnerability assessment methodology for historic masonry buildings in the near-field areas	ENGINEERING FAILURE ANALYSIS	115		http://dx.doi.org/10.1016/j.engfailanal.2020.104662	2020	20	WOS:000554871700007	View Full Record in Web of Science
34	Ancuti, Mihaela-Codruta; Musuroi, Sorin; Sorandaru, Ciprian; Dordescu, Marian; Erdodi, Geza Mihai	Wind Turbines Optimal Operation at Time Variable Wind Speeds	APPLIED SCIENCES-BASEL	10	12	http://dx.doi.org/10.3390/app10124232	2020	19	WOS:000554583800001	View Full Record in Web of Science
35	Militaru, Bogdan Adrian; Pode, Rodica; Lupa, Lavinia; Schmidt, Winfried; Tekle-Roettering, Agnes; Kazamer, Norbert	Using Sewage Sludge Ash as an Efficient Adsorbent for Pb (II) and Cu (II) in Single and Binary Systems	MOLECULES	25	11	http://dx.doi.org/10.3390/molecules25112559	2020	16	WOS:000553858800096	View Full Record in Web of Science
36	Salvia, Rosanna; Halbac-Cotoara-Zamfir, Rares; Cividino, Sirio; Salvati, Luca; Quaranta, Giovanni	From Rural Spaces to Peri-Urban Districts: Metropolitan Growth, Sparse Settlements and Demographic Dynamics in a Mediterranean Region	LAND	9	6	http://dx.doi.org/10.3390/land9060200	2020	19	WOS:000553873900001	View Full Record in Web of Science
37	Gherhes, Vasile; Dragomir, Gabriel-Mugurel; Cernicova-Buca, Mariana	Migration Intentions of Romanian Engineering Students	SUSTAINABILITY	12	12	http://dx.doi.org/10.3390/su12124846	2020	31	WOS:000553907400001	View Full Record in Web of Science
38	Fagadar-Cosma, Eugenia; Plesu, Nicoleta; Lascu, Anca; Anghel, Diana; Cazacu, Maria; Ianasi, Catalin; Fagadar-Cosma, Gheorghe; Fratilescu, Ion; Epuran, Camelia	Novel Platinum-Porphyrin as Sensing Compound for Efficient Fluorescent and Electrochemical Detection of H ₂ O ₂	CHEMOSENSORS	8	2	http://dx.doi.org/10.3390/chemosensors8020029	2020	15	WOS:000551198700024	View Full Record in Web of Science
39	Groza, Bogdan; Andreica, Tudor; Berdich, Adriana; Murvay, Pal-Stefan; Gurban, Eugen Horatiu	PRESTvO: PRivacy Enabled Smartphone Based Access to Vehicle On-Board Units	IEEE ACCESS	8		http://dx.doi.org/10.1109/ACCESS.2020.3003574	2020	18	WOS:000551982000001	View Full Record in Web of Science
40	Precup, Radu-Emil; Preitl, Stefan; Petriu, Emil M.; Roman, Raul-Cristian; Bojan-Dragos, Claudia-Adina; Hedrea, Elena-Lorena; Szedlak-Stinean, Alexandra-Iulia	A CENTER MANIFOLD THEORY-BASED APPROACH TO THE STABILITY ANALYSIS OF STATE FEEDBACK TAKAGI-SUGENO-KANG FUZZY CONTROL SYSTEMS	FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING	18	2	http://dx.doi.org/10.22190/FUME200421022P	2020	16	WOS:000556543000002	View Full Record in Web of Science

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41	Zirra, Daniela; Perju-Mitran, Alexandra; Carutasu, George; Pirjan, Alexandru; Garais, Eugen Gabriel	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	SUSTAINABILITY	12	13	http://dx.doi.org/10.3390/su12135341	2020	22	WOS:000550183900001	View Full Record in Web of Science
42	Murvay, Pal-Stefan; Groza, Bogdan	TIDAL-CAN: Differential Timing Based Intrusion Detection and Localization for Controller Area Network	IEEE ACCESS	8		http://dx.doi.org/10.1109/ACCESS.2020.2985326	2020	18	WOS:000549822000006	View Full Record in Web of Science
43	Vajda, Melinda; Ursu, Daniel; Duteanu, Narcis; Miclau, Marinela	Low lying valence band edge materials based on copper oxide for tandem dye - sensitized solar cells	MATERIALS LETTERS	275		http://dx.doi.org/10.1016/j.matlet.2020.128151	2020	4	WOS:000548631100018	View Full Record in Web of Science
44	Tigan, G.; Efrem, R.	Analysis of a map-based neuronal model	JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS	26	5	http://dx.doi.org/10.1080/10236198.2020.1780219	2020	14	WOS:000544807800001	View Full Record in Web of Science
45	Lupa, Nicolae; Popescu, Liviu Horia	Admissible Banach Function Spaces and Nonuniform Stabilities	MEDITERRANEAN JOURNAL OF MATHEMATICS	17	4	http://dx.doi.org/10.1007/s00009-020-01544-0	2020	12	WOS:000541421500001	View Full Record in Web of Science
46	Filip, Ioan; Dragan, Florin; Szeidert, Iosif; Albu, Adriana	Minimum-Variance Control System with Variable Control Penalty Factor	APPLIED SCIENCES-BASEL	10	7	http://dx.doi.org/10.3390/app10072274	2020	21	WOS:000533356200073	View Full Record in Web of Science
47	Manolescu, Laura	Ulam's Type Stability and Generalized Norms	SYMMETRY-BASEL	12	4	http://dx.doi.org/10.3390/sym12040502	2020	11	WOS:000540222200013	View Full Record in Web of Science
48	Halbac-Cotoara-Zamfir, Rares; Egidi, Gianluca; Mosconi, Enrico Maria; Poponi, Stefano; Alhuseen, Ahmed; Salvati, Luca	Uncovering Demographic Trends and Recent Urban Expansion in Metropolitan Regions: A Paradigmatic Case Study	SUSTAINABILITY	12	9	http://dx.doi.org/10.3390/su12093937	2020	15	WOS:000537476200435	View Full Record in Web of Science
49	Halbac-Cotoara-Zamfir, Rares; Cividino, Sirio; Egidi, Gianluca; Salvia, Rosanna; Salvati, Luca	Rapidity of Change in Population Age Structures: A Local Approach Based on Multiway Factor Analysis	SUSTAINABILITY	12	7	http://dx.doi.org/10.3390/su12072828	2020	13	WOS:000531558100253	View Full Record in Web of Science
50	Simon, Simona; Stoian, Claudia E.; Gherhes, Vasile	The Concept of Sustainability in the Romanian Top Universities' Strategic Plans	SUSTAINABILITY	12	7	http://dx.doi.org/10.3390/su12072757	2020	22	WOS:000531558100182	View Full Record in Web of Science
51	Busoniuc, Lucian; Varma, Vineeth S.; Loheac, Jerome; Codrean, Alexandru; Stefan, Octavian; Morarescu, Irinel-Constantin; Lasaulce, Samson	Learning control for transmission and navigation with a mobile robot under unknown communication rates	CONTROL ENGINEERING PRACTICE	100		http://dx.doi.org/10.1016/j.conengprac.2020.104460	2020	13	WOS:000537324000016	View Full Record in Web of Science
52	Nicolae, Andrei; Korodi, Adrian; Silea, Ioan	Weather-Based Prediction Strategy inside the Proactive Historian with Application in Wastewater Treatment Plants	APPLIED SCIENCES-BASEL	10	9	http://dx.doi.org/10.3390/app10093015	2020	17	WOS:000535541900028	View Full Record in Web of Science
53	Ungureanu, Vlad-Ilie; Miclea, Razvan-Catalin; Korodi, Adrian; Silea, Ioan	A Novel Approach against Sun Glare to Enhance Driver Safety	APPLIED SCIENCES-BASEL	10	9	http://dx.doi.org/10.3390/app10093032	2020	16	WOS:000535541900045	View Full Record in Web of Science
54	Borlea, Andreea; Borcan, Florin; Sporea, Ioan; Dehelean, Cristina Adriana; Negrea, Romeo; Cotoi, Laura; Stoian, Dana	TI-RADS Diagnostic Performance: Which Algorithm is Superior and How Elastography and 4D Vascularity Improve the Malignancy Risk Assessment	DIAGNOSTICS	10	4	http://dx.doi.org/10.3390/diagnostics10040180	2020	16	WOS:000534251000056	View Full Record in Web of Science
55	Nicola, Roxana; Costisor, Otilia; Ciopec, Mihaela; Negrea, Adina; Lazau, Radu; Ianasi, Catalin; Piciorus, Elena-Mirela; Len, Adel; Almasy, Laszlo; Szerb, Elisabeta I.; Putz, Ana-Maria	Silica-Coated Magnetic Nanocomposites for Pb2+ Removal from Aqueous Solution	APPLIED SCIENCES-BASEL	10	8	http://dx.doi.org/10.3390/app10082726	2020	18	WOS:000533352100090	View Full Record in Web of Science

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56	Ursu, Daniel; Dabici, Anamaria; Miclau, Marinela; Miclau, Nicolae	Low-temperature hydrothermal synthesis of hierarchical flower-like CuB ₂ O ₄ superstructures	PROCESSING AND APPLICATION OF CERAMICS	14	2	http://dx.doi.org/10.2298/PAC2002113U	2020	6	WOS:000534495200003	View Full Record in Web of Science
57	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Boran, Sorina; Tanasie, Cristian	A green approach for treatment of wastewater with manganese using wood ash	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	95	6	http://dx.doi.org/10.1002/jctb.6376	2020	9	WOS:000530688600018	View Full Record in Web of Science
58	Vamvatsikos, Dimitrios; Bakalis, Konstantinos; Kohrangi, Mohsen; Pyrza, Stella; Castiglioni, Carlo Andrea; Kanyilmaz, Alper; Morelli, Francesco; Stratan, Aurel; D'Aniello, Mario; Calado, Luis; Proenca, Jorge Miguel; Degee, Herve; Hoffmeister, Benno; Pinkawa, Marius; Thanopoulos, Pavlos; Vayas, Ioannis	A risk-consistent approach to determine EN1998 behaviour factors for lateral load resisting systems	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	131		http://dx.doi.org/10.1016/j.soildyn.2019.106008	2020	17	WOS:000527311300003	View Full Record in Web of Science
59	Groza, Bogdan; Berdich, Adriana; Jichici, Camil; Mayrhofer, Rene	Secure Accelerometer-Based Pairing of Mobile Devices in Multi-Modal Transport	IEEE ACCESS	8		http://dx.doi.org/10.1109/ACCESS.2020.2964151	2020	14	WOS:000525423700002	View Full Record in Web of Science
60	Cividino, Sirio; Halbac-Cotoara-Zamfir, Rares; Salvati, Luca	Revisiting the City Life Cycle: Global Urbanization and Implications for Regional Development	SUSTAINABILITY	12	3	http://dx.doi.org/10.3390/su12031151	2020	18	WOS:000524899602038	View Full Record in Web of Science
61	Milici, Constantin; Machado, Jose Tenreiro; Drăgănescu, Gheorghe	Application of the Euler and Runge-Kutta Generalized Methods for FDE and Symbolic Packages in the Analysis of Some Fractional Attractors	INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION	21	2	http://dx.doi.org/10.1515/ijnsns-2018-0248	2020	12	WOS:000525347500005	View Full Record in Web of Science
62	Vasilu, Roxana-Diana; Porojan, Sorin-Daniel; Birdeanu, Mihaela-Ionela; Utu, Ion-Drăgos; Porojan, Liliana	The Effect of Thermocycling and Surface Treatments on the Surface Roughness and Microhardness of Three Heat-Pressed Ceramics Systems	CRYSTALS	10	3	http://dx.doi.org/10.3390/cryst10030160	2020	16	WOS:000523512100020	View Full Record in Web of Science
63	Tiwari, Aviral Kumar; Adewuyi, Adeolu O.; Albulescu, Claudiu T.; Wohar, Mark E.	Empirical evidence of extreme dependence and contagion risk between main cryptocurrencies	NORTH AMERICAN JOURNAL OF ECONOMICS AND FINANCE	51		http://dx.doi.org/10.1016/j.najef.2019.101083	2020	12	WOS:000520948300076	View Full Record in Web of Science
64	Egidi, Gianluca; Halbac-Cotoara-Zamfir, Rares; Cividino, Sirio; Quaranta, Giovanni; Salvati, Luca; Colantoni, Andrea	Rural in Town: Traditional Agriculture, Population Trends, and Long-Term Urban Expansion in Metropolitan Rome	LAND	9	2	http://dx.doi.org/10.3390/land9020053	2020	15	WOS:000519113300018	View Full Record in Web of Science
65	Cebucean, Dumitru; Cebucean, Viorica; Ionel, Ioana	Modeling and performance analysis of subcritical and supercritical coal-fired power plants with biomass co-firing and CO ₂ capture	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	22	1	http://dx.doi.org/10.1007/s10098-019-01774-1	2020	17	WOS:000519133500010	View Full Record in Web of Science
66	Ahmed, Shady E.; San, Omer; Bistriian, Diana A.; Navon, Ionel M.	Sampling and resolution characteristics in reduced order models of shallow water equations: Intrusive vs nonintrusive	INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS	92	8	http://dx.doi.org/10.1002/flid.4815	2020	45	WOS:000517030700001	View Full Record in Web of Science
67	Negrea, Petru; Gabor, Andreea; Davidescu, Corneliu Mireca; Ciopec, Mihaela; Negrea, Adina; Duteanu, Narcis	Kinetics and thermodynamics modeling of Nd(III) removal from aqueous solution using modified Amberlite XAD7	JOURNAL OF RARE EARTHS	38	3	http://dx.doi.org/10.1016/j.jre.2019.04.023	2020	9	WOS:000514553000011	View Full Record in Web of Science
68	Nagorny, A., V.; Socoliuc, V.; Petrenko, V., I.; Almasy, L.; Ivankov, O. I.; Avdeev, M., V.; Bulavin, L. A.; Vekas, L.	Structural characterization of concentrated aqueous ferrofluids	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	501		http://dx.doi.org/10.1016/j.jmmm.2020.166445	2020	5	WOS:000513901000016	View Full Record in Web of Science

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69	Frigura-Iliasa, Mihaela; Baloi, Felicia Ioana; Frigura-Iliasa, Flaviu Mihai; Simo, Attila; Musuroi, Sorin; Andea, Petru	Health-Related Electromagnetic Field Assessment in the Proximity of High Voltage Power Equipment	APPLIED SCIENCES-BASEL	10	1	http://dx.doi.org/10.3390/app10010260	2020	16	WOS:000509398900260	View Full Record in Web of Science
70	Onchis, Darian M.; Istin, Codruta; Tudoran, Cristina; Tudoran, Mariana; Real, Pedro	Timely-Automatic Procedure for Estimating the Endocardial Limits of the Left Ventricle Assessed Echocardiographically in Clinical Practice	DIAGNOSTICS	10	1	http://dx.doi.org/10.3390/diagnostics10010040	2020	11	WOS:000513129500025	View Full Record in Web of Science
71	Ciopec, Mihaela; Gabor, Andreea; Davidescu, Corneliu Mircea; Negrea, Adina; Negrea, Petru; Duteanu, Narcis	Eu(III) removal by tetrabutylammonium di-hydrogen phosphate (TBAH2P) functionalized polymers	ARABIAN JOURNAL OF CHEMISTRY	13	1	http://dx.doi.org/10.1016/j.arabjc.2018.12.005	2020	12	WOS:000505076000277	View Full Record in Web of Science
72	Nicola, Roxana; Costisor, Otilia; Muntean, Simona-Gabriela; Nistor, Maria-Andreea; Putz, Ana-Maria; Ianasi, Catalin; Lazau, Radu; Almasy, Laszlo; Sacarescu, Liviu	Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions	JOURNAL OF POROUS MATERIALS	27	2	http://dx.doi.org/10.1007/s10934-019-00821-y	2020	16	WOS:000496249700001	View Full Record in Web of Science
73	Vares, Sirje; Hradil, Petr; Sansom, Michael; Ungureanu, Viorel	Economic potential and environmental impacts of reused steel structures	STRUCTURE AND INFRASTRUCTURE ENGINEERING	16	4	http://dx.doi.org/10.1080/15732479.2019.1662064	2020	12	WOS:000486184500001	View Full Record in Web of Science
74	Mitelea, Ion; Craciunescu, Corneliu Marius; Lucian, Ciprian Pavel; Utu, Ion Dragos	Microstructure and mechanical properties of 6082-T6 aluminum alloy-zinc coated steel braze-welded joints	MATERIALS TESTING	63	8	http://dx.doi.org/10.1515/mt-2020-0117	2021	7	WOS:000803255300005	View Full Record in Web of Science
75	Sighencea, Bogdan Ilie; Stanciu, Rarea Ion; Căleanu, Catalin Daniel	A Review of Deep Learning-Based Methods for Pedestrian Trajectory Prediction	SENSORS	21	22	http://dx.doi.org/10.3390/s21227543	2021	29	WOS:000778251600009	View Full Record in Web of Science
76	Boldea, Ion; Tutelea, Lucian Nicolae; Wu, Chao; Blaabjerg, Frede; Liu, Yi; Hussien, Mohamed G.; Xu, Wei	Fractional kVA Rating PWM Converter Doubly Fed Variable Speed Electric Generator Systems: An Overview in 2020	IEEE ACCESS	9		http://dx.doi.org/10.1109/ACCESS.2021.3101907	2021	12	WOS:000761489500001	View Full Record in Web of Science
77	Ionascu, Marian-Emanuel; Castell, Nuria; Boncalo, Oana; Schneider, Philipp; Darie, Marius; Marcu, Marius	Calibration of CO, NO2, and O-3 Using Airify: A Low-Cost Sensor Cluster for Air Quality Monitoring	SENSORS	21	23	http://dx.doi.org/10.3390/s21237977	2021	15	WOS:000743308100001	View Full Record in Web of Science
78	Halbac-Cotoara-Zamfir, Rares; Ferreira, Carla Sofia Santos; Salvati, Luca	Long-Term Urbanization Dynamics and the Evolution of Green/Blue Areas in Eastern Europe: Insights from Romania	SUSTAINABILITY	13	24	http://dx.doi.org/10.3390/su132414068	2021	19	WOS:000742442900001	View Full Record in Web of Science
79	Stavi, Ilan; Paschalidou, Anastasia; Kyriazopoulos, Apostolos P.; Halbac-Cotoara-Zamfir, Rares; Siad, Si Mokrane; Suska-Malawska, Malgorzata; Savic, Dragisa; Roque de Pinho, Joana; Thalheimer, Lisa; Williams, David Samuel; Hashimshony-Yaffe, Nurit; van der Geest, Kees; Cordovil, Claudia M. D. S.; Ficko, Andrej	Multidimensional Food Security Nexus in Drylands under the Slow Onset Effects of Climate Change	LAND	10	12	http://dx.doi.org/10.3390/land10121350	2021	14	WOS:000738268800001	View Full Record in Web of Science
80	Moga, Tudor Voicu; David, Ciprian; Popescu, Alina; Lupusoru, Raluca; Heredea, Darius; Ghiuchici, Ana M.; Foncea, Camelia; Burdan, Adrian; Sirli, Roxana; Danila, Mirela; Ratiu, Iulia; Bizerea-Moga, Teofana; Sporea, Ioan	Multiparametric Ultrasound Approach Using a Tree-Based Decision Classifier for Inconclusive Focal Liver Lesions Evaluated by Contrast Enhanced Ultrasound	JOURNAL OF PERSONALIZED MEDICINE	11	12	http://dx.doi.org/10.3390/jpm11121388	2021	13	WOS:000737588900001	View Full Record in Web of Science

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81	Chieffo, Nicola; Fasan, Marco; Romanelli, Fabio; Formisano, Antonio; Mochi, Giovanni	Physics-Based Ground Motion Simulations for the Prediction of the Seismic Vulnerability of Masonry Building Compounds in Mirandola (Italy)	BUILDINGS	11	12	http://dx.doi.org/10.3390/buildings11120667	2021	25	WOS:000735904800001	View Full Record in Web of Science
82	Hurmuz, Mihai; Ionac, Mihai; Tatu, Carmen; Puscasu, Daniela; Miu, Catalin Adrian; Galatanu, Sergiu; Tatu, Fabian	A 3D Bioprinted Human Meniscus Shape Enriched with Mesenchymal Cells	APPLIED SCIENCES-BASEL	11	24	http://dx.doi.org/10.3390/app112411733	2021	12	WOS:000735491000001	View Full Record in Web of Science
83	Tolea, Samuel Nick; Coheci, Laura; Lupa, Lavinia; Voda, Raluca; Pode, Rodica	Development of New Efficient Adsorbent by Functionalization of Mg3Al-LDH with Methyl Trialkyl Ammonium Chloride Ionic Liquid	MOLECULES	26	23	http://dx.doi.org/10.3390/molecules26237384	2021	18	WOS:000734570900001	View Full Record in Web of Science
84	Nicolaescu, Mircea; Bandas, Cornelia; Orha, Corina; Serban, Viorel; Lazau, Carmen; Caprarescu, Simona	Fabrication of a UV Photodetector Based on n-TiO2/p-CuMnO2 Heterostructures	COATINGS	11	11	http://dx.doi.org/10.3390/coatings11111380	2021	17	WOS:000727338100001	View Full Record in Web of Science
85	Orhei, Ciprian; Bogdan, Victor; Bonchis, Cosmin; Vasii, Radu	Dilated Filters for Edge-Detection Algorithms	APPLIED SCIENCES-BASEL	11	22	http://dx.doi.org/10.3390/app112210716	2021	33	WOS:000725536600001	View Full Record in Web of Science
86	Ioana, Alexandru; Korodi, Adrian	DDS and OPC UA Protocol Coexistence Solution in Real-Time and Industry 4.0 Context Using Non-Ideal Infrastructure	SENSORS	21	22	http://dx.doi.org/10.3390/s21227760	2021	21	WOS:000724285200001	View Full Record in Web of Science
87	Simon, Simona; Stoian, Claudia E.; Dejica-Cartis, Anca; Kriston, Andrea	The Use of Anglicisms in the Field of Education: A Comparative Analysis of Romanian, German, and French	SAGE OPEN	11	4	http://dx.doi.org/10.1177/21582440211053241	2021	8	WOS:000720356700001	View Full Record in Web of Science
88	Belc, Anda Ligia; Ciutina, Adrian; Buzatu, Raluca; Belc, Florin; Costescu, Ciprian	Environmental Impact Assessment of Different Warm Mix Asphalts	SUSTAINABILITY	13	21	http://dx.doi.org/10.3390/su132111869	2021	15	WOS:000718585800001	View Full Record in Web of Science
89	Ivascu, Larisa; Ahimaz, David Frank; Arulanandam, Benedict Valentine; Tirian, Gelu-Ovidiu	The Perception and Degree of Adoption by Urbanites towards Urban Farming	SUSTAINABILITY	13	21	http://dx.doi.org/10.3390/su132112151	2021	17	WOS:000719281900001	View Full Record in Web of Science
90	Mohsin, Muhammad; Naseem, Sobia; Sarfraz, Muddassar; Ivascu, Larisa; Albasher, Gadah	COVID-19 and Greenhouse Gas Emission Mitigation: Modeling the Impact on Environmental Sustainability and Policies	FRONTIERS IN ENVIRONMENTAL SCIENCE	9		http://dx.doi.org/10.3389/fenvs.2021.764294	2021	9	WOS:000717563200001	View Full Record in Web of Science
91	Druta, Romina; Druta, Cristian; Negirla, Paul; Silea, Ioan	A Review on Methods and Systems for Remote Collaboration	APPLIED SCIENCES-BASEL	11	21	http://dx.doi.org/10.3390/app112110035	2021	28	WOS:000718441900001	View Full Record in Web of Science
92	Mihailescu, Alexandra; Serafim, Vlad; Paul, Corina; Andreescu, Nicoleta; Tiugan, Diana-Andreea; Tutac, Paul; Velea, Iulian; Zimbru, Cristian G.; Serban, Costela Lacrimioara; Ion, Adina Iuliana; David, Vlad Laurentiu; Ionescu, Alin; Puiu, Maria; Niculescu, Mihai Dinu	Docosahexaenoic Acid and Eicosapentaenoic Acid Intakes Modulate the Association of FADS2 Gene Polymorphism rs526126 with Plasma Free Docosahexaenoic Acid Levels in Overweight Children	APPLIED SCIENCES-BASEL	11	21	http://dx.doi.org/10.3390/app11219845	2021	11	WOS:000719108400001	View Full Record in Web of Science
93	Mir, Farzad; Matekovits, Ladislau; De Sabata, Aldo	Symmetry-breaking manipulation in the design of multifunctional tunable frequency selective surface	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	142		http://dx.doi.org/10.1016/j.aecue.2021.154003	2021	14	WOS:000717298200003	View Full Record in Web of Science
94	Nica, Diana Florina; Gabor, Alin Gabriel; Duma, Virgil-Florin; Tudericu, Vlad George; Tudor, Anca; Sinescu, Cosmin	Sinus Lift and Implant Insertion on 3D-Printed Polymeric Maxillary Models: Ex Vivo Training for In Vivo Surgical Procedures	JOURNAL OF CLINICAL MEDICINE	10	20	http://dx.doi.org/10.3390/jcm10204718	2021	15	WOS:000716940100001	View Full Record in Web of Science

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95	Bhutta, Muhammad Shoaib; Sarfraz, Muddassar; Ivascu, Larisa; Li, Hui; Rasool, Ghulam; ul Abidin Jaffri, Zain; Farooq, Umer; Ali Shaikh, Jamshed; Nazir, Muhammad Shahzad	Voltage Stability Index Using New Single-Port Equivalent Based on Component Peculiarity and Sensitivity Persistence	PROCESSES	9	10	http://dx.doi.org/10.3390/pr9101849	2021	15	WOS:000715460000001	View Full Record in Web of Science
96	Anistoroaei, Alfred; Berdich, Adriana; Iosif, Patricia; Groza, Bogdan	Secure Audio-Visual Data Exchange for Android In-Vehicle Ecosystems	APPLIED SCIENCES-BASEL	11	19	http://dx.doi.org/10.3390/app11199276	2021	17	WOS:000710229100001	View Full Record in Web of Science
97	Popescu, Traian Mihai; Popescu, Alina Madalina; Prostean, Gabriela	Leaders' Perspectives on IoT Security Risk Management Strategies in Surveyed Organizations Relative to IoTSRM2	APPLIED SCIENCES-BASEL	11	19	http://dx.doi.org/10.3390/app11199206	2021	56	WOS:000709543500001	View Full Record in Web of Science
98	Nistor, Maria-Andreea; Muntean, Simona Gabriela; Ianos, Robert; Racoviceanu, Roxana; Ianasi, Catalin; Cseh, Liliana	Adsorption of Anionic Dyes from Wastewater onto Magnetic Nanocomposite Powders Synthesized by Combustion Method	APPLIED SCIENCES-BASEL	11	19	http://dx.doi.org/10.3390/app11199236	2021	20	WOS:000707997300001	View Full Record in Web of Science
99	Stoian, Claudia E.; Simon, Simona; Gherhes, Vasile	A Comparative Analysis of the Use of the Concept of Sustainability in the Romanian Top Universities' Strategic Plans	SUSTAINABILITY	13	19	http://dx.doi.org/10.3390/su131910642	2021	34	WOS:000708208400001	View Full Record in Web of Science
100	Both, Ioan; Duma, Diana; Dinu, Florea; Dubina, Dan; Zaharia, Raul	The influence of loading rate on the ultimate capacity of bolted T-stubs at ambient and high temperature	FIRE SAFETY JOURNAL	125		http://dx.doi.org/10.1016/j.firesaf.2021.103438	2021	12	WOS:000703609700007	View Full Record in Web of Science
101	Duma, Virgil-Florin; Dimb, Alexandru-Lucian	Exact Scan Patterns of Rotational Risley Prisms Obtained with a Graphical Method: Multi-Parameter Analysis and Design	APPLIED SCIENCES-BASEL	11	18	http://dx.doi.org/10.3390/app11188451	2021	32	WOS:000699757500001	View Full Record in Web of Science
102	Todea, V; Dan, D.; Florut, S. C.; Stoian, V	Experimental investigations on the seismic behavior of composite steel concrete coupled shear walls with central openings	STRUCTURES	33		http://dx.doi.org/10.1016/j.istruc.2021.04.074	2021	19	WOS:000701845600003	View Full Record in Web of Science
103	Finger, David Christian; Draghici, Camelia; Perniu, Dana; Smederevac-Lalic, Marija; Halbac-Cotoara-Zamfir, Rares; Sehic, Azra; Kapovic Solomun, Marijana	The Importance of International Collaboration to Enhance Education for Environmental Citizenship	SUSTAINABILITY	13	18	http://dx.doi.org/10.3390/su131810326	2021	17	WOS:000701518900001	View Full Record in Web of Science
104	Mehedintu, Anca; Soava, Georgeta; Sterpu, Mihaela; Grecu, Eugenia	Evolution and Forecasting of the Renewable Energy Consumption in the Frame of Sustainable Development: EU vs. Romania	SUSTAINABILITY	13	18	http://dx.doi.org/10.3390/su131810327	2021	30	WOS:000702106200001	View Full Record in Web of Science
105	Dragomir, Gabriel-Mugurel; Farcasiu, Marcela Alina; Simon, Simona	Students' Perceptions of Verbal and Non-Verbal Communication Behaviors during and after the COVID-19 Pandemic	APPLIED SCIENCES-BASEL	11	18	http://dx.doi.org/10.3390/app11188282	2021	17	WOS:000699230100001	View Full Record in Web of Science
106	Banica, Radu; Taranu, Bogdan; Ladasiu, Calin; Hulka, Iosif; Linul, Petrica	Three-dimensional porous electrode based on silver nanowires for hydrogen sulfide detection (vol 304, 130720, 2021)	MATERIALS LETTERS	304		http://dx.doi.org/10.1016/j.matlet.2021.130744	2021	1	WOS:000698683800001	View Full Record in Web of Science
107	Banica, Radu; Taranu, Bogdan; Ladasiu, Calin; Hulka, Iosif; Linul, Petrica	Three-dimensional porous electrode based on silver nanowires for hydrogen sulfide detection	MATERIALS LETTERS	304		http://dx.doi.org/10.1016/j.matlet.2021.130720	2021	4	WOS:000697340100011	View Full Record in Web of Science

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108	Feier, Anamaria; Becheru, Andrei; Brindusoiu, Mihai; Blaga, Lucian	Process Transferability of Friction Riveting of AA2024-T351/Polyetherimide (PEI) Joints Using Hand-Driven, Low-Cost Drilling Equipment	PROCESSES	9	8	http://dx.doi.org/10.3390/pr9081376	2021	9	WOS:000690129500001	View Full Record in Web of Science
109	Banias, Ovidiu; Florea, Diana; Gyalai, Robert; Curiac, Daniel-Ioan	Automated Specification-Based Testing of REST APIs	SENSORS	21	16	http://dx.doi.org/10.3390/s21165375	2021	20	WOS:000690258700001	View Full Record in Web of Science
110	Gherhes, Vasile; Farcasiu, Marcela Alina	Sustainable Behavior among Romanian Students: A Perspective on Electricity Consumption in Households	SUSTAINABILITY	13	16	http://dx.doi.org/10.3390/su13169357	2021	17	WOS:000690115600001	View Full Record in Web of Science
111	Boscornea-Puscu, Andreea-Simona; Orel, Laura; Velea-Barta, Oana-Alexandra; Horhat, Razvan Mihai; Negrutiu, Meda-Lavinia; Nica, Luminita Maria; Duma, Virgil-Florin; Stoia, Dan Ioan; Opris, Carmen; Sinescu, Cosmin	Experimental Study of the Effects of Torsional Loading on Three Types of Nickel-Titanium Endodontic Instruments	APPLIED SCIENCES-BASEL	11	16	http://dx.doi.org/10.3390/app11167224	2021	15	WOS:000688604100001	View Full Record in Web of Science
112	Tigan, G.; Brandibur, O.; Kokovics, E. A.; Vesa, L. F.	Degenerate Chenciner Bifurcation Revisited	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS	31	10	http://dx.doi.org/10.1142/S0218127421501601	2021	10	WOS:000684604000008	View Full Record in Web of Science
113	Lazau, Carmen; Poienar, Maria; Orha, Corina; Ursu, Daniel; Nicolaescu, Mircea; Vajda, Melinda; Bandas, Cornelia	Development of a new n-p heterojunction based on TiO2 and CuMnO2 synergy materials	MATERIALS CHEMISTRY AND PHYSICS	272		http://dx.doi.org/10.1016/j.matchemphys.2021.124999	2021	9	WOS:000683889500003	View Full Record in Web of Science
114	Brighenti, Roberto; Cosma, Mattia Pancrazio; Marsavina, Liviu; Spagnoli, Andrea; Terzano, Michele	Multiphysics modelling of the mechanical properties in polymers obtained via photo-induced polymerization	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	117	1-2	http://dx.doi.org/10.1007/s00170-021-07273-2	2021	19	WOS:000679653300001	View Full Record in Web of Science
115	Topirceanu, Alexandru; Precup, Radu-Emil	A novel geo-hierarchical population mobility model for spatial spreading of resurgent epidemics	SCIENTIFIC REPORTS	11	1	http://dx.doi.org/10.1038/s41598-021-93810-8	2021	12	WOS:000677494600014	View Full Record in Web of Science
116	Isac, Raluca; Basaca, Diana-Georgiana; Olariu, Ioana-Cristina; Stroescu, Ramona F.; Ardelean, Andrada-Mara; Steflea, Ruxandra M.; Gafencu, Mihai; Chirita-Emandi, Adela; Bagiu, Iulia Cristina; Horhat, Florin George; Vulcanescu, Dan-Dumitru; Ionescu, Dan; Doros, Gabriela	Antibiotic Resistance Patterns of Uropathogens Causing Urinary Tract Infections in Children with Congenital Anomalies of Kidney and Urinary Tract	CHILDREN-BASEL	8	7	http://dx.doi.org/10.3390/children8070585	2021	11	WOS:000676852800001	View Full Record in Web of Science
117	Bogdan, Razvan; Crisan-Vida, Mihaela; Barmayoun, Darius; Staicu, Loredana Lavinia; Puiu, Robert Valentin; Lup, Madalina; Marcu, Marius	Optimization of AUTOSAR Communication Stack in the Context of Advanced Driver Assistance Systems	SENSORS	21	13	http://dx.doi.org/10.3390/s21134561	2021	27	WOS:000671999500001	View Full Record in Web of Science
118	Filip, Ioan; Dragan, Florin; Szeidert, Iosif	Considerations about Parameters Estimation into a Minimum Variance Control System	APPLIED SCIENCES-BASEL	11	13	http://dx.doi.org/10.3390/app11136165	2021	14	WOS:000672303100001	View Full Record in Web of Science
119	Erdelyi, Ralph-Alexandru; Duma, Virgil-Florin; Sinescu, Cosmin; Dobre, George Mihai; Bradu, Adrian; Podoleanu, Adrian	Optimization of X-ray Investigations in Dentistry Using Optical Coherence Tomography	SENSORS	21	13	http://dx.doi.org/10.3390/s21134554	2021	25	WOS:000671175000001	View Full Record in Web of Science
120	Lazureanu, Cristian	On the Integrable Deformations of the Maximally Superintegrable Systems	SYMMETRY-BASEL	13	6	http://dx.doi.org/10.3390/sym13061000	2021	9	WOS:000666307300001	View Full Record in Web of Science
121	Stuparu, Adrian; Susan-Resiga, Romeo; Bosioc, Alin	CFD Simulation of Solid Suspension for a Liquid-Solid Industrial Stirred Reactor	APPLIED SCIENCES-BASEL	11	12	http://dx.doi.org/10.3390/app11125705	2021	15	WOS:000666060600001	View Full Record in Web of Science

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122	Barbulescu, Greta Ionela; Bojin, Florina Maria; Ordodi, Valentin Laurentiu; Goje, Iacob Daniel; Buica, Taddeus Paul; Gavriluc, Oana Isabella; Baderca, Flavia; Hoinoiu, Teodora; Paunescu, Virgil	Innovative Biotechnology for Generation of Cardiac Tissue	APPLIED SCIENCES-BASEL	11	12	http://dx.doi.org/10.3390/app11125603	2021	13	WOS:000666112800001	View Full Record in Web of Science
123	Stuparu, Adrian; Susan-Resiga, Romeo; Bosioc, Alin	Improving the Homogenization of the Liquid-Solid Mixture Using a Tandem of Impellers in a Baffled Industrial Reactor	APPLIED SCIENCES-BASEL	11	12	http://dx.doi.org/10.3390/app11125492	2021	11	WOS:000666337200001	View Full Record in Web of Science
124	Mohsin, Muhammad; Zhu, Qiang; Naseem, Sobia; Sarfraz, Muddassar; Ivascu, Larisa	Mining Industry Impact on Environmental Sustainability, Economic Growth, Social Interaction, and Public Health: An Application of Semi-Quantitative Mathematical Approach	PROCESSES	9	6	http://dx.doi.org/10.3390/pr9060972	2021	20	WOS:000666013700001	View Full Record in Web of Science
125	Barb, Gordana; Alexa, Florin; Otesteanu, Marius	Dynamic Spectrum Sharing for Future LTE-NR Networks	SENSORS	21	12	http://dx.doi.org/10.3390/s21124215	2021	15	WOS:000666781500001	View Full Record in Web of Science
126	Caleanu, Catalin Daniel; Sirbu, Cristina Laura; Simion, Georgiana	Deep Neural Architectures for Contrast Enhanced Ultrasound (CEUS) Focal Liver Lesions Automated Diagnosis	SENSORS	21	12	http://dx.doi.org/10.3390/s21124126	2021	19	WOS:000666412700001	View Full Record in Web of Science
127	Fadl-Elmola, Salman A. M.; Ciocan, Cristian Moisescu; Popescu, Ioana	Application of Smooth Particle Hydrodynamics to Particular Flow Cases Solved by Saint-Venant Equations	WATER	13	12	http://dx.doi.org/10.3390/w13121671	2021	19	WOS:000666355200001	View Full Record in Web of Science
128	Bojin, Florina; Robu, Andreea; Bejenariu, Maria Iulia; Ordodi, Valentin; Olteanu, Emilian; Cean, Ada; Popescu, Roxana; Neagu, Monica; Gavriluc, Oana; Neagu, Adrian; Arjoca, Stelian; Paunescu, Virgil	3D Bioprinting of Model Tissues That Mimic the Tumor Microenvironment	MICROMACHINES	12	5	http://dx.doi.org/10.3390/mi12050535	2021	17	WOS:000662344300001	View Full Record in Web of Science
129	Orhei, Ciprian; Vert, Silviu; Mocofan, Muguras; Vasiu, Radu	End-To-End Computer Vision Framework: An Open-Source Platform for Research and Education	SENSORS	21	11	http://dx.doi.org/10.3390/s21113691	2021	26	WOS:000660684600001	View Full Record in Web of Science
130	Stoloiu-Crisan, Cristina; Crisan, Calin; Butunoi, Bogdan-Petru	An IoT-Based Smart Home Automation System	SENSORS	21	11	http://dx.doi.org/10.3390/s21113784	2021	23	WOS:000660649700001	View Full Record in Web of Science
131	Miclea, Razvan-Catalin; Ungureanu, Vlad-Ilie; Sandru, Florin-Daniel; Silea, Ioan	Visibility Enhancement and Fog Detection: Solutions Presented in Recent Scientific Papers with Potential for Application to Mobile Systems	SENSORS	21	10	http://dx.doi.org/10.3390/s21103370	2021	39	WOS:000662506100001	View Full Record in Web of Science
132	Cernicova-Buca, Mariana; Dragomir, Gabriel-Mugurel	Romanian Students' Appraisal of the Emergency Remote Assessment due to the COVID-19 Pandemic	SUSTAINABILITY	13	11	http://dx.doi.org/10.3390/su13116110	2021	25	WOS:000660714000001	View Full Record in Web of Science
133	Serban, Dan Andrei; Negru, Radu; Sarandan, Sorin; Belgiu, George; Marsavina, Liviu	Numerical and experimental investigations on the mechanical properties of cellular structures with open Kelvin cells	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES	28	13	http://dx.doi.org/10.1080/15376494.2019.1669093	2021	10	WOS:000661318600005	View Full Record in Web of Science
134	Stuparu, Adrian; Susan-Resiga, Romeo; Tanasa, Constantin	CFD Assessment of the Hydrodynamic Performance of Two Impellers for a Baffled Stirred Reactor	APPLIED SCIENCES-BASEL	11	11	http://dx.doi.org/10.3390/app11114949	2021	12	WOS:000659566700001	View Full Record in Web of Science
135	Pop, N.; Iacob, F.; Niyonzima, S.; Abdoulanziz, A.; Laporta, V.; Reiter, D.; Schneider, I. F.; Mezei, J. Zs	Reactive collisions between electrons and BeT+: Complete set of thermal rate coefficients up to 5000 K	ATOMIC DATA AND NUCLEAR DATA TABLES	139		http://dx.doi.org/10.1016/j.adt.2021.101414	2021	28	WOS:000658304400002	View Full Record in Web of Science

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136	Belega, Daniel; Petri, Dario	Fast procedures for accurate parameter estimation of sine-waves affected by noise and harmonic distortion	DIGITAL SIGNAL PROCESSING	114		http://dx.doi.org/10.1016/j.dsp.2021.103035	2021	17	WOS:000651615700012	View Full Record in Web of Science
137	Jusas, Vacius; Butkiene, Rita; Venckauskas, Algimantas; Burbaite, Renata; Gudoniene, Daina; Grigaliunas, Sarunas; Andone, Diana	Models for Administration to Ensure the Successful Transition to Distance Learning during the Pandemic	SUSTAINABILITY	13	9	http://dx.doi.org/10.3390/su13094751	2021	22	WOS:000650859000001	View Full Record in Web of Science
138	Precup, Radu-Emil; Hedrea, Elena-Lorena; Roman, Raul-Cristian; Petriu, Emil M.; Szedlak-Stincan, Alexandra-Iulia; Bojan-Dragos, Claudia-Adina	Experiment-Based Approach to Teach Optimization Techniques	IEEE TRANSACTIONS ON EDUCATION	64	2	http://dx.doi.org/10.1109/TE.2020.3008878	2021	7	WOS:000647325800002	View Full Record in Web of Science
139	Mihailescu, Maria; Negrea, Adina; Ciopec, Mihaela; Negrea, Petru; Duteanu, Narcis; Grozav, Ion; Svera, Paula; Vancea, Cosmin; Barbulescu, Alina; Dumitriu, Cristian Stefan	Full Factorial Design for Gold Recovery from Industrial Solutions	TOXICS	9	5	http://dx.doi.org/10.3390/toxics9050111	2021	17	WOS:000654623700001	View Full Record in Web of Science
140	Gherhes, Vasile; Stoian, Claudia E.; Farcasiu, Marcela Alina; Stanici, Miroslav	E-Learning vs. Face-To-Face Learning: Analyzing Students' Preferences and Behaviors	SUSTAINABILITY	13	8	http://dx.doi.org/10.3390/su13084381	2021	15	WOS:000645351400001	View Full Record in Web of Science
141	Gherhes, Vasile; Simon, Simona; Para, Iulia	Analysing Students' Reasons for Keeping Their Webcams on or off during Online Classes	SUSTAINABILITY	13	6	http://dx.doi.org/10.3390/su13063203	2021	13	WOS:000645701500001	View Full Record in Web of Science
142	Nickayin, Samaneh Sadat; Salvati, Luca; Coluzzi, Rosa; Lanfredi, Maria; Halbac-Cotoara-Zamfir, Rares; Salvia, Rosanna; Quaranta, Giovanni; Alhuseen, Ahmed; Gaburova, Luisa	What Happens in the City When Long-Term Urban Expansion and (Un)Sustainable Fringe Development Occur: The Case Study of Rome	ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION	10	4	http://dx.doi.org/10.3390/ijgi10040231	2021	13	WOS:000643062900001	View Full Record in Web of Science
143	Sbarcea, Laura; Tanase, Ionut-Mihai; Ledeti, Adriana; Circioban, Denisa; Vlase, Gabriela; Barvinschi, Paul; Miclau, Marinela; Varut, Renata-Maria; Suci, Oana; Ledeti, Ionut	Risperidone/Randomly Methylated beta-Cyclodextrin Inclusion Complex-Compatibility Study with Pharmaceutical Excipients	MOLECULES	26	6	http://dx.doi.org/10.3390/molecules26061690	2021	17	WOS:000645405100001	View Full Record in Web of Science
144	Todea, Anamaria; Dreava, Diana Maria; Benea, Ioana Cristina; Bitcan, Ioan; Peter, Francisc; Boeriu, Carmen G.	Achievements and Trends in Biocatalytic Synthesis of Specialty Polymers from Biomass-Derived Monomers Using Lipases	PROCESSES	9	4	http://dx.doi.org/10.3390/pr9040646	2021	26	WOS:000643611500001	View Full Record in Web of Science
145	Nicolae, Andrei; Korodi, Adrian; Silea, Ioan	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	SENSORS	21	7	http://dx.doi.org/10.3390/s21072569	2021	23	WOS:000638854100001	View Full Record in Web of Science
146	Cernicova-Buca, Mariana; Palea, Adina	An Appraisal of Communication Practices Demonstrated by Romanian District Public Health Authorities at the Outbreak of the COVID-19 Pandemic	SUSTAINABILITY	13	5	http://dx.doi.org/10.3390/su13052500	2021	19	WOS:000628594000001	View Full Record in Web of Science
147	Macii, David; Belega, Daniel; Petri, Dario	IpDFT-Tuned Estimation Algorithms for PMUs: Overview and Performance Comparison	APPLIED SCIENCES-BASEL	11	5	http://dx.doi.org/10.3390/app11052318	2021	24	WOS:000627963100001	View Full Record in Web of Science
148	Covaciu, Florin; Pisla, Adrian; Iordan, Anca-Elena	Development of a Virtual Reality Simulator for an Intelligent Robotic System Used in Ankle Rehabilitation	SENSORS	21	4	http://dx.doi.org/10.3390/s21041537	2021	17	WOS:000624643600001	View Full Record in Web of Science

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149	Popa, Simona; Radulescu-Grad, Maria Elena; Perdivara, Alina; Mosoarca, Giannin	Aspects regarding colour fastness and adsorption studies of a new azo-stilbene dye for acrylic resins	SCIENTIFIC REPORTS	11	1	http://dx.doi.org/10.1038/s41598-021-85452-7	2021	9	WOS:000630515100013	View Full Record in Web of Science
150	Ioana, Alexandru; Burlacu, Camelia; Korodi, Adrian	Approaching OPC UA Publish-Subscribe in the Context of UDP-Based Multi-Channel Communication and Image Transmission	SENSORS	21	4	http://dx.doi.org/10.3390/s21041296	2021	18	WOS:000624665000001	View Full Record in Web of Science
151	Dreava, Diana Maria; Benea, Ioana Cristina; Bitcan, Ioan; Todea, Anamaria; Sisu, Eugen; Puiu, Maria; Peter, Francisc	Biocatalytic Approach for Novel Functional Oligoesters of epsilon-Caprolactone and Malic Acid	PROCESSES	9	2	http://dx.doi.org/10.3390/pr9020232	2021	16	WOS:000623140800001	View Full Record in Web of Science
152	Gheju, Marius; Balcu, Ionel	Sequential Abatement of Fe-II and Cr-VI Water Pollution by Use of Walnut Shell-Based Adsorbents	PROCESSES	9	2	http://dx.doi.org/10.3390/pr9020218	2021	21	WOS:000623129200001	View Full Record in Web of Science
153	Silaghi, Andrei-Marius; De Sabata, Aldo; Matekovits, Ladislau	Single-Layered Frequency Selective Surface for Polarization Processing by Transmission Through Elementary Simple Structure Unit Cell Array	IEEE ACCESS	9		http://dx.doi.org/10.1109/ACCESS.2021.3060155	2021	11	WOS:000622089300001	View Full Record in Web of Science
154	Parvulescu, Lucian; Stoia, Dan Ioan; Miok, Kristian; Ion, Mihaela Constanta; Puha, Adela Estera; Sterie, Melania; Veres, Mihajel; Marcu, Ioan; Muntean, Mirela Danina; Aburel, Oana Maria	Force and Boldness: Cumulative Assets of a Successful Crayfish Invader	FRONTIERS IN ECOLOGY AND EVOLUTION	9		http://dx.doi.org/10.3389/fevo.2021.581247	2021	12	WOS:000621003100001	View Full Record in Web of Science
155	Sbert, Mateu; Ancuti, Cosmin; Ancuti, Codruta O.; Poch, Jordi; Chen, Shuning; Vila, Marius	Histogram Ordering	IEEE ACCESS	9		http://dx.doi.org/10.1109/ACCESS.2021.3058577	2021	12	WOS:000622079200001	View Full Record in Web of Science
156	Grad, Oana; Ciopec, Mihaela; Negrea, Adina; Duteanu, Narcis; Vlase, Gabriela; Negrea, Petru; Dumitrescu, Camelia; Vlase, Titus; Voda, Raluca	Precious metals recovery from aqueous solutions using a new adsorbent material	SCIENTIFIC REPORTS	11	1	http://dx.doi.org/10.1038/s41598-021-81680-z	2021	14	WOS:000612982200159	View Full Record in Web of Science
157	Bogdan, Razvan; Tatu, Alin; Crisan-Vida, Mihaela Marcella; Popa, Mircea; Stoicu-Tivadar, Lacramioara	A Practical Experience on the Amazon Alexa Integration in Smart Offices	SENSORS	21	3	http://dx.doi.org/10.3390/s21030734	2021	21	WOS:000615522200001	View Full Record in Web of Science
158	Halbac-Cotoara-Zamfir, Rares; Egidi, Gianluca; Salvia, Rosanna; Salvati, Luca; Sateriano, Adele; Gimenez-Morera, Antonio	Recession, Local Fertility, and Urban Sustainability: Results of a Quasi-Experiment in Greece, 1991-2018	SUSTAINABILITY	13	3	http://dx.doi.org/10.3390/su13031052	2021	18	WOS:000615657900001	View Full Record in Web of Science
159	Epasto, Gabriella; Distefano, Fabio; Mozafari, Hozhabr; Linul, Emanoil; Crupi, Vincenzo	Nondestructive Evaluation of Aluminium Foam Panels Subjected to Impact Loading	APPLIED SCIENCES-BASEL	11	3	http://dx.doi.org/10.3390/app11031148	2021	18	WOS:000614974200001	View Full Record in Web of Science
160	Berdie, A. D.; Berdie, A. A.; Jitian, S.	The degradation of thin poly(methyl methacrylate) films subjected to different destructive treatments	JOURNAL OF POLYMER RESEARCH	28	2	http://dx.doi.org/10.1007/s10965-020-02390-0	2021	9	WOS:000613018400001	View Full Record in Web of Science
161	Murvay, Pal-Stefan; Popa, Lucian; Groza, Bogdan	Securing the controller area network with covert voltage channels	INTERNATIONAL JOURNAL OF INFORMATION SECURITY	20	6	http://dx.doi.org/10.1007/s10207-020-00532-5	2021	15	WOS:000608957200002	View Full Record in Web of Science
162	Mihaicuta, Stefan; Udrescu, Lucretia; Udrescu, Mihai; Toth, Izabella-Anita; Topirceanu, Alexandru; Pleava, Roxana; Ardelean, Carmen	Analyzing Neck Circumference as an Indicator of CPAP Treatment Response in Obstructive Sleep Apnea with Network Medicine	DIAGNOSTICS	11	1	http://dx.doi.org/10.3390/diagnostics11010086	2021	15	WOS:000610130200001	View Full Record in Web of Science
163	Magu, Georgiana; Lucaciu, Radu; Isar, Alexandru	Improving the Targets' Trajectories Estimated by an Automotive RADAR Sensor Using Polynomial Fitting	APPLIED SCIENCES-BASEL	11	1	http://dx.doi.org/10.3390/app11010361	2021	19	WOS:000605925900001	View Full Record in Web of Science

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164	Kazamer, Norbert; Valean, Petru; Pascal, Dragos-Toader; Muntean, Roxana; Marginean, Gabriela; Serban, Viorel-Aurel	Development, optimization, and characterization of NiCrBSi-TiB2 flame-sprayed vacuum fused coatings	SURFACE & COATINGS TECHNOLOGY	406		http://dx.doi.org/10.1016/j.surfcoat.2020.126747	2021	14	WOS:000604750600052	View Full Record in Web of Science
165	Forton, Andrei; Mangiafico, Salvatore; Sauzeat, Cedric; Di Benedetto, Herve; Marc, Paul	Behaviour of binder blends: experimental results and modelling from LVE properties of pure binder, RAP binder and rejuvenator	ROAD MATERIALS AND PAVEMENT DESIGN	22		http://dx.doi.org/10.1080/14680629.2021.1905699	2021	17	WOS:000635407700001	View Full Record in Web of Science
166	Panoiu, Caius; Ciulica, Dumitru; Panoiu, Manuela; Mezinescu, Sergiu	Research Based on Modeling and Simulation of the Transient Regime in Controlled Switching with High Power Switches	MACHINES	9	5	http://dx.doi.org/10.3390/machines9050099	2021	28	WOS:000654126500001	View Full Record in Web of Science
167	Craciunescu, Izabell; Chitanu, Elena; Codescu, Mirela M.; Iacob, N.; Kuncser, A.; Kuncser, V.; Socoliuc, V.; Susan-Resiga, Daniela; Balancan, Florica; Ispas, G.; Borbath, Tunde; Borbath, I.; Turcu, Rodica; Vekas, L.	High performance magnetorheological fluids: very high magnetization FeCo-Fe3O4 nanoclusters in a ferrofluid carrier	SOFT MATTER	18	3	http://dx.doi.org/10.1039/d1sm01468d	2022	14	WOS:000731953200001	View Full Record in Web of Science
168	Naseem, Sobia; Mohsin, Muhammad; Zia-UR-Rehman, Muhammad; Baig, Sajjad Ahmad; Sarfraz, Muddassar	The influence of energy consumption and economic growth on environmental degradation in BRICS countries: an application of the ARDL model and decoupling index	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	29	9	http://dx.doi.org/10.1007/s11356-021-16533-3	2022	14	WOS:000699026700003	View Full Record in Web of Science
169	Lupa, Lavinia; Cochei, Laura; Dobos, Adina Maria; Onofrei, Mihaela Dorina; Negrea, Petru; Filimon, Anca	Metal Ions Removal from Contaminated Water Using Membranes Functionalized with Ionic Liquids	WATER	14	24	http://dx.doi.org/10.3390/w14244105	2022	15	WOS:000904176200001	View Full Record in Web of Science
170	Lazau, Carmen; Nicolaescu, Mircea; Orha, Corina; Pop, Aniela; Caprarescu, Simona; Bandas, Cornelia	In Situ Deposition of Reduced Graphene Oxide on Ti Foil by a Facile, Microwave-Assisted Hydrothermal Method	COATINGS	12	12	http://dx.doi.org/10.3390/coatings12121805	2022	13	WOS:000902353000001	View Full Record in Web of Science
171	Matusoiu, Florin; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Ianasi, Paula; Ianasi, Catalin	Vanadium (V) Adsorption from Aqueous Solutions Using Xerogel on the Basis of Silica and Iron Oxide Matrix	MATERIALS	15	24	http://dx.doi.org/10.3390/ma15248970	2022	18	WOS:000904216400001	View Full Record in Web of Science
172	Sun, Jianmin; Sarfraz, Muddassar; Turi, Jamshid Ali; Ivascu, Larisa	Organizational Agility and Sustainable Manufacturing Practices in the Context of Emerging Economy: A Mediated Moderation Model	PROCESSES	10	12	http://dx.doi.org/10.3390/pr10122567	2022	19	WOS:000903456000001	View Full Record in Web of Science
173	Sfirloaga, Paula; Ivanovici, Madalina-Gabriela; Poienar, Maria; Ianasi, Catalin; Vlazan, Paulina	Investigation of Catalytic and Photocatalytic Degradation of Methyl Orange Using Doped LaMnO3 Compounds	PROCESSES	10	12	http://dx.doi.org/10.3390/pr10122688	2022	13	WOS:000903589200001	View Full Record in Web of Science
174	Munteanu, Ioana R.; Luca, Ruxandra E.; Mateas, Marius; Darawsha, Laura Diana; Boia, Simina; Boia, Eugen-Radu; Todea, Carmen D.	The Efficiency of Photodynamic Therapy in the Bacterial Decontamination of Periodontal Pockets and Its Impact on the Patient	DIAGNOSTICS	12	12	http://dx.doi.org/10.3390/diagnostics12123026	2022	17	WOS:000900463800001	View Full Record in Web of Science
175	Cioabla, Adrian; Duma, Virgil-Florin; Mnerie, Corina; Erdelyi, Ralph-Alexandru; Dobre, George Mihai; Bradu, Adrian; Podoleanu, Adrian	Effect of an Anaerobic Fermentation Process on 3D-Printed PLA Materials of a Biogas-Generating Reactor	MATERIALS	15	23	http://dx.doi.org/10.3390/ma15238571	2022	17	WOS:000896235700001	View Full Record in Web of Science

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176	Herisanu, Nicolae; Marinca, Bogdan; Marinca, Vasile	Nonlinear Vibration of Double-Walled Carbon Nanotubes Subjected to Mechanical Impact and Embedded on Winkler-Pasternak Foundation	MATERIALS	15	23	http://dx.doi.org/10.3390/ma15238599	2022	17	WOS:000896050900001	View Full Record in Web of Science
177	Pescari, Simon; Merea, Mircea; Pitroaca, Alexandru; Vilceanu, Clara-Beatrice	A Particular Case of Urban Sustainability: Comparison Study of the Efficiency of Multiple Thermal Insulations for Buildings	SUSTAINABILITY	14	23	http://dx.doi.org/10.3390/su142316283	2022	13	WOS:000896355800001	View Full Record in Web of Science
178	Elena-Alina, Moaca; Socoliuc, Vlad; Stoian, Dana; Watz, Claudia; Flondor, Daniela; Pacurariu, Cornelia; Ianos, Robert; Rus, Cristiana Iulia; Barbu-Tudoran, Lucian; Semenescu, Alexandra; Sarau, Cristian; Cheveresan, Adelina; Dehelean, Cristina Adriana	Synthesis and Characterization of Bioactive Magnetic Nanoparticles from the Perspective of Hyperthermia Applications	MAGNETOCHEMISTRY	8	11	http://dx.doi.org/10.3390/magnetochemistry8110145	2022	21	WOS:000895235100001	View Full Record in Web of Science
179	Berdich, Adriana; Groza, Bogdan; Levy, Efrat; Shabtai, Asaf; Elovici, Yuval; Mayrhofer, Rene	Fingerprinting Smartphones Based on Microphone Characteristics From Environment Affected Recordings	IEEE ACCESS	10		http://dx.doi.org/10.1109/ACCESS.2022.3223375	2022	15	WOS:000892894500001	View Full Record in Web of Science
180	Smuleac, Adrian; Smuleac, Laura; Popescu, Cosmin Alin; Herban, Sorin; Man, Teodor Eugen; Imbrea, Florin; Horablaga, Adina; Mihai, Simon; Pascalau, Raul; Safar, Tamas	Geospatial Technologies Used in the Management of Water Resources in West of Romania	WATER	14	22	http://dx.doi.org/10.3390/w14223729	2022	37	WOS:000887768100001	View Full Record in Web of Science
181	Tripathi, Abhishek Kumar; Aruna, Mangalpad; Venkatesan, Elumalai Perumal; Abbas, Mohamed; Afzal, Asif; Shaik, Saboor; Linul, Emanoil	Quantitative Analysis of Solar Photovoltaic Panel Performance with Size-Variied Dust Pollutants Deposition Using Different Machine Learning Approaches	MOLECULES	27	22	http://dx.doi.org/10.3390/molecules27227853	2022	21	WOS:000887692100001	View Full Record in Web of Science
182	Yasmeen, Rizwana; Shah, Wasi Ul Hassan; Ivascu, Larisa; Tao, Rui; Sarfraz, Muddassar	Energy Crisis, Firm Productivity, Political Crisis, and Sustainable Growth of the Textile Industry: An Emerging Economy Perspective	SUSTAINABILITY	14	22	http://dx.doi.org/10.3390/su142215112	2022	17	WOS:000887645900001	View Full Record in Web of Science
183	Anton, Alin-Adrian; Cococanu, Adrian; Muntean, Sebastian	Software for Monitoring the In-Service Efficiency of Hydraulic Pumps	APPLIED SCIENCES-BASEL	12	22	http://dx.doi.org/10.3390/app122211450	2022	29	WOS:000887170100001	View Full Record in Web of Science
184	Onchis, Darian; Istin, Codruta; Hoge, Eduard	A Neuro-Symbolic Classifier with Optimized Satisfiability for Monitoring Security Alerts in Network Traffic	APPLIED SCIENCES-BASEL	12	22	http://dx.doi.org/10.3390/app122211502	2022	12	WOS:000887154300001	View Full Record in Web of Science
185	Nicolaescu, Mircea; Bandas, Cornelia; Orha, Corina; Purcar, Violeta; Lazau, Carmen	Development of the Zn-ZnO(Nw)/CuMnO2 Heterojunction by Low Temperature Zn Foil Oxidation for Gas Sensor Fabrication	COATINGS	12	11	http://dx.doi.org/10.3390/coatings12111630	2022	17	WOS:000883869500001	View Full Record in Web of Science
186	Bernad, Sandor, I; Bernad, Elena	Magnetic Forces by Permanent Magnets to Manipulate Magnetoresponsive Particles in Drug-Targeting Applications	MICROMACHINES	13	11	http://dx.doi.org/10.3390/mi13111818	2022	25	WOS:000883472900001	View Full Record in Web of Science
187	Pop, Madalin-Dorin; Pugna, Adrian Pavel; Cretu, Vladimir-Ioan; Potra, Sabina Alina	Two Years of Hybrid Education in Romania: A Comparative Overview of the Students' Expectations for the Online Educational Platforms	SUSTAINABILITY	14	21	http://dx.doi.org/10.3390/su142114241	2022	27	WOS:000881668200001	View Full Record in Web of Science

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188	Istrate, Dionisie; Sbarcea, Beatrice-Gabriela; Demian, Alin Mihai; Buzatu, Andreea Daniela; Salcianu, Laura; Bordeasu, Ilare; Micu, Lavinia Madalina; Ghera, Cristian; Florea, Bogdan; Ghiban, Brandusa	Correlation between Mechanical Properties-Structural Characteristics and Cavitation Resistance of Cast Aluminum Alloy Type 5083	CRYSTALS	12	11	http://dx.doi.org/10.3390/cryst12111538	2022	20	WOS:000880971600001	View Full Record in Web of Science
189	Avram, Liane Tabitha; Galatanu, Sergiu-Valentin; Opris, Carmen; Pop, Cristian; Jivanesu, Anca	Effect of Different Etching Times with Hydrofluoric Acid on the Bond Strength of CAD/CAM Ceramic Material	MATERIALS	15	20	http://dx.doi.org/10.3390/ma15207071	2022	13	WOS:000875047700001	View Full Record in Web of Science
190	Binzar, Tudor; Pater, Flavius; Nadaban, Sorin	Fixed-Point Theorems in Fuzzy Normed Linear Spaces for Contractive Mappings with Applications to Dynamic-Programming	SYMMETRY-BASEL	14	10	http://dx.doi.org/10.3390/sym14101966	2022	12	WOS:000873663800001	View Full Record in Web of Science
191	Patel, Vijay; Joshi, Unnati; Joshi, Anand; Oza, Ankit D.; Prakash, Chander; Linul, Emanoil; Salgueiral Gomes Campilho, Raul Duarte; Kumar, Sandeep; Saxena, Kuldeep Kumar	Strength Evaluation of Functionalized MWCNT-Reinforced Polymer Nanocomposites Synthesized Using a 3D Mixing Approach	MATERIALS	15	20	http://dx.doi.org/10.3390/ma15207263	2022	14	WOS:000873047800001	View Full Record in Web of Science
192	Ene, Remus-Daniel; Pop, Nicolina; Lapadat, Marioara	Approximate Closed-Form Solutions for the Rabinovich System via the Optimal Auxiliary Functions Method	SYMMETRY-BASEL	14	10	http://dx.doi.org/10.3390/sym14102185	2022	21	WOS:000873541500001	View Full Record in Web of Science
193	Ciocarlie, Loredana; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Ianasi, Paula; Ianasi, Catalin; Nemes, Nicoleta Sorina	Indium Recovery by Adsorption on MgFe2O4 Adsorbents	MATERIALS	15	20	http://dx.doi.org/10.3390/ma15207054	2022	18	WOS:000872993400001	View Full Record in Web of Science
194	Mir, Farzad; Kouhalvandi, Lida; Matekovits, Ladislau	Deep neural learning based optimization for automated high performance antenna designs	SCIENTIFIC REPORTS	12	1	http://dx.doi.org/10.1038/s41598-022-20941-x	2022	12	WOS:000865124900030	View Full Record in Web of Science
195	Stoian, Claudia E.; Farcasiu, Marcela A.; Dragomir, Gabriel-Mugurel; Gherhes, Vasile	Transition from Online to Face-to-Face Education after COVID-19: The Benefits of Online Education from Students' Perspective	SUSTAINABILITY	14	19	http://dx.doi.org/10.3390/su141912812	2022	18	WOS:000867355800001	View Full Record in Web of Science
196	Popescu, Francisc; Trumic, Milan; Cioabla, Adrian Eugen; Vujic, Bogdana; Stoica, Virgil; Trumic, Maja; Opris, Carmen; Bogdanovic, Grozdanka; Trif-Tordai, Gavrila	Analysis of Surface Water Quality and Sediments Content on Danube Basin in Djerdap-Iron Gate Protected Areas	WATER	14	19	http://dx.doi.org/10.3390/w14192991	2022	14	WOS:000867266900001	View Full Record in Web of Science
197	Vasile, Sergiu; Vitan, Liviu-Danut; Manca, Florica	Flexible Electroflotocoagulation Reactor: New Design and Testing in Treatment of Real Surface Water	WATER	14	19	http://dx.doi.org/10.3390/w14192990	2022	13	WOS:000867197600001	View Full Record in Web of Science
198	Mitelea, Ion; Bordeasu, Ilare; Belin, Cosmin; Utu, Ion-Dragos; Craciunescu, Corneliu Marius	Cavitation Resistance, Microstructure, and Surface Topography of Plasma Nitrided Nimonic 80 A Alloy	MATERIALS	15	19	http://dx.doi.org/10.3390/ma15196654	2022	13	WOS:000866964600001	View Full Record in Web of Science
199	Pescari, Simon; Budau, Laurentiu; Ciubotaru, Razvan; Stoian, Valeriu	Sustainability Study of Concrete Blocks with Wood Chips Used in Structural Walls in Seismic Areas	MATERIALS	15	19	http://dx.doi.org/10.3390/ma15196659	2022	13	WOS:000866975300001	View Full Record in Web of Science
200	Prasanthi, Phani; Kondapalli, Sivaji Babu; Morampudi, Niranjan Kumar Sita Rama; Vallabhaneni, Venkata Venu Madhav; Saxena, Kuldeep Kumar; Mohammed, Kahtan Adnan; Linul, Emanoil; Prakash, Chander; Buddhi, Dharam	Elastic Properties of Jute Fiber Reinforced Polymer Composites with Different Hierarchical Structures	MATERIALS	15	19	http://dx.doi.org/10.3390/ma15197032	2022	19	WOS:000866928100001	View Full Record in Web of Science

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201	Anusha, P.; Sri, M. Naga Swapna; Madhav, V. V. Venu; Chaitanya, Ch Sri; Spandana, V. V.; Saxena, Kuldeep K.; Abdul-Zahra, Dalael Saad; Linul, Emanoil; Prakash, Chander; Budhi, Dharam; Campilho, Raul	Dynamics of MHD Convection of Walters B Viscoelastic Fluid through an Accelerating Permeable Surface Using the Soret-Dufour Mechanism	APPLIED SCIENCES-BASEL	12	19	http://dx.doi.org/10.3390/app12199431	2022	24	WOS:000866589400001	View Full Record in Web of Science
202	Pausescu, Iulia; Todea, Anamaria; Dreava, Diana-Maria; Boboescu, Tania; Patcan, Bianca; Patcan, Larisa; Albulescu, Daiana; Badea, Valentin; Peter, Francisc; Totos, Robert; Ursu, Daniel; Szolga, Lorant; Medeleanu, Mihai	Experimental and Computational Studies on Bio-Inspired Flavylum Salts as Sensitizers for Dye-Sensitized Solar Cells	MATERIALS	15	19	http://dx.doi.org/10.3390/ma15196985	2022	21	WOS:000867003800001	View Full Record in Web of Science
203	Azizi, Yousef; Soleimani, Mohammad; Sedighy, Seyed-Hasan; Matekovits, Ladislau	Wideband RCS Reduction by Single-Layer Phase Gradient Modulated Surface	SENSORS	22	19	http://dx.doi.org/10.3390/s22197108	2022	11	WOS:000867256200001	View Full Record in Web of Science
204	Cernicova-Buca, Mariana; Pevnaya, Maria, V; Fedorova, Maria; Bystrova, Tatyana	Students' Awareness of the Local Cultural and Historical Heritage in Post-Communist Regional Centers: Yekaterinburg, Gyumri, Timisoara	LAND	11	9	http://dx.doi.org/10.3390/land11091443	2022	18	WOS:000858759600001	View Full Record in Web of Science
205	Petrosanu, Dana-Mihaela; Pirjan, Alexandru; Carutasu, George; Tabusca, Alexandru; Zirra, Daniela-Lenuța; Perju-Mitran, Alexandra	E-Commerce Sales Revenues Forecasting by Means of Dynamically Designing, Developing and Validating a Directed Acyclic Graph (DAG) Network for Deep Learning	ELECTRONICS	11	18	http://dx.doi.org/10.3390/electronics11182940	2022	35	WOS:000858214700001	View Full Record in Web of Science
206	Totorean, Alin-Florin; Totorean, Iuliana-Claudia; Bernad, Sandor Ianos; Ciocan, Tiberiu; Malita, Daniel Claudiu; Gaita, Dan; Bernad, Elena Silvia	Patient-Specific Image-Based Computational Fluid Dynamics Analysis of Abdominal Aorta and Branches	JOURNAL OF PERSONALIZED MEDICINE	12	9	http://dx.doi.org/10.3390/jpm12091502	2022	24	WOS:000856849000001	View Full Record in Web of Science
207	Abubakar, Muhammad; Che, Yanbo; Ivascu, Larisa; Almasoudi, Fahad M.; Jamil, Irfan	Performance Analysis of Energy Production of Large-Scale Solar Plants Based on Artificial Intelligence (Machine Learning) Technique	PROCESSES	10	9	http://dx.doi.org/10.3390/pr10091843	2022	15	WOS:000857043000001	View Full Record in Web of Science
208	Mehta, Amrinder; Vasudev, Hitesh; Singh, Sharanjit; Prakash, Chander; Saxena, Kuldeep K.; Linul, Emanoil; Buddhi, Dharam; Xu, Jinyang	Processing and Advancements in the Development of Thermal Barrier Coatings: A Review	COATINGS	12	9	http://dx.doi.org/10.3390/coatings12091318	2022	31	WOS:000857468500001	View Full Record in Web of Science
209	Andreica, Tudor; Curia, Christian-Daniel; Jichici, Camil; Groza, Bogdan	Android Head Units vs. In-Vehicle ECUs: Performance Assessment for Deploying In-Vehicle Intrusion Detection Systems for the CAN Bus	IEEE ACCESS	10		http://dx.doi.org/10.1109/ACCESS.2022.3204746	2022	18	WOS:000854577200001	View Full Record in Web of Science
210	Negulescu, Oriana Helena; Draghici, Anca; Fistic, Gabriela	A Proposed Approach to Monitor and Control Sustainable Development Strategy Implementation	SUSTAINABILITY	14	17	http://dx.doi.org/10.3390/su141711066	2022	27	WOS:000851816500001	View Full Record in Web of Science
211	Ioana, Alexandru; Korodi, Adrian; Silca, Ioan	Automotive IoT Ethernet-Based Communication Technologies Applied in a V2X Context via a Multi-Protocol Gateway	SENSORS	22	17	http://dx.doi.org/10.3390/s22176382	2022	22	WOS:000851772700001	View Full Record in Web of Science
212	Orasan, Ioan Lucian; Seiculescu, Ciprian; Căleanu, Catalin Daniel	A Brief Review of Deep Neural Network Implementations for ARM Cortex-M Processor	ELECTRONICS	11	16	http://dx.doi.org/10.3390/electronics11162545	2022	21	WOS:000846029300001	View Full Record in Web of Science

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213	Berdich, Adriana; Groza, Bogdan	Smartphone Camera Identification from Low-Mid Frequency DCT Coefficients of Dark Images	ENTROPY	24	8	http://dx.doi.org/10.3390/e24081158	2022	19	WOS:000846036500001	View Full Record in Web of Science
214	Andelescu, Adelina A.; Ilies (b Motoc), Sorina; Cretu, Carmen; Popa, Evelyn; Marinescu, Sorin; Heinrich, Benoit; Manea, Florica; Negrea, Sorina; Donnio, Bertrand; Szerb, Elisabeta, I	Pentacoordinated Liquid Crystalline Zn(II) Complex Organized in Smectic Mesophase: Synthesis, Structural and Electrochemical Properties	APPLIED SCIENCES-BASEL	12	16	http://dx.doi.org/10.3390/app12168306	2022	14	WOS:000846123100001	View Full Record in Web of Science
215	Pescari, Simon; Stoian, Valeriu Augustin; Mereca, Mircea; Pitroaca, Alexandru	Comparison Study of the Heating Energy Demand for a Multi-Storey Residential Building in Romania Using Steady-State and Dynamic Methods	BUILDINGS	12	8	http://dx.doi.org/10.3390/buildings12081246	2022	17	WOS:000845095000001	View Full Record in Web of Science
216	Arvinti, Beatrice; Iacob, Emil Radu; Isar, Alexandru; Iacob, Daniela; Costache, Marius	Enhanced Child Care: Contrast Correction for Pediatric Hip Ultrasound Using Hyperanalytic Wavelets	JOURNAL OF PERSONALIZED MEDICINE	12	8	http://dx.doi.org/10.3390/jpm12081328	2022	13	WOS:000846518500001	View Full Record in Web of Science
217	Nitu, Sabina; Milea, Marius Silviu; Boran, Sorina; Mosoarca, Giannin; Zamfir, Alina D.; Popa, Simona; Funar-Timofei, Simona	Experimental and Computational Study of Novel Pyrazole Azo Dyes as Colored Materials for Light Color Paints	MATERIALS	15	16	http://dx.doi.org/10.3390/ma15165507	2022	20	WOS:000845560100001	View Full Record in Web of Science
218	Shivalingaiah, Kanchiraya; Nagarajiah, Vinayaka; Selvan, Chithirai Pon; Kariappa, Smitha Thothera; Chandrashekarappa, Nandini Gowdru; Lakshmikanthan, Avinash; Chandrashekarappa, Manjunath Patel Gowdru; Linul, Emanoil	Stir Casting Process Analysis and Optimization for Better Properties in Al-MWCNT-GR-Based Hybrid Composites	METALS	12	8	http://dx.doi.org/10.3390/met12081297	2022	25	WOS:000845529300001	View Full Record in Web of Science
219	Simu, Sebastian; Ledeti, Adriana; Moaca, Elena-Alina; Pacurariu, Cornelia; Dehelean, Cristina; Navolan, Dan; Ledeti, Ionut	Thermal Degradation Process of Ethinylestradiol-Kinetic Study	PROCESSES	10	8	http://dx.doi.org/10.3390/pr10081518	2022	11	WOS:000845805100001	View Full Record in Web of Science
220	Dragoi, Iulia Iovanca; Petrita, Teodor; Popescu, Florina Georgeta; Alexa, Florin; Barac, Sorin; Bowling, Frank L.; Reeves, Neil D.; Bondor, Cosmina Ioana; Ionac, Mihai	A Signal Processing Method for Assessing Ankle Torque with a Custom-Made Electronic Dynamometer in Participants Affected by Diabetic Peripheral Neuropathy	SENSORS	22	16	http://dx.doi.org/10.3390/s22166310	2022	29	WOS:000845299500001	View Full Record in Web of Science
221	Ullah, Raza; Ullah, Sadiq; Ullah, Rizwan; Din, Iftikhar Ud; Kamal, Babar; Khan, Muhammad Altaf Hussain; Matekovits, Ladislau	Wideband and High Gain Array Antenna for 5G Smart Phone Applications Using Frequency Selective Surface	IEEE ACCESS	10		http://dx.doi.org/10.1109/ACCESS.2022.3196687	2022	10	WOS:000844069400001	View Full Record in Web of Science
222	Avram, Diana N.; Davidescu, Corneliu M.; Dan, Mircea L.; Mirza-Rosca, Julia C.; Hulka, Iosif; Pascu, Alexandru; Stanciu, Elena M.	Electrochemical Evaluation of Protective Coatings with Ti Additions on Mild Steel Substrate with Potential Application for PEM Fuel Cells	MATERIALS	15	15	http://dx.doi.org/10.3390/ma15155364	2022	13	WOS:000838943600001	View Full Record in Web of Science
223	Lazau, Carmen; Nicolaescu, Mircea; Orha, Corina; Serban, Viorel; Bandas, Cornelia	Self-Powered Photodetector Based on FTO/n-TiO2/p-CuMnO2 Transparent Thin Films	MATERIALS	15	15	http://dx.doi.org/10.3390/ma15155229	2022	12	WOS:000839000400001	View Full Record in Web of Science
224	Mladin, Georgiana; Ciopec, Mihaela; Negrea, Adina; Duteanu, Narcis; Negrea, Petru; Ianasi, Paula; Ianasi, Catalin	Silica- Iron Oxide Nanocomposite Enhanced with Poroegen Agent Used for Arsenic Removal	MATERIALS	15	15	http://dx.doi.org/10.3390/ma15155366	2022	23	WOS:000839143400001	View Full Record in Web of Science
225	Vajda, Melinda; Ursu, Daniel; Miclau, Nicolae; Duteanu, Narcis; Miclau, Marinela	Fabrication of copper oxide-based dye-sensitized solar cell with high short-circuit current density (J(SC)) using flexible and binder-free porous photoelectrode	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	33	26	http://dx.doi.org/10.1007/s10854-022-08888-1	2022	12	WOS:000840294400009	View Full Record in Web of Science

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226	Vasudeva, Shrivathsa Thokur; Rao, Shrikantha Sasithlu; Panambur, Navin Karanth; Shettigar, Arun Kumar; Mahabala, Chakrapani; Kamath, Padmanabh; Chandrashekarappa, Manjunath Patel Gowdru; Linul, Emanoil	Development of a Convolutional Neural Network Model to Predict Coronary Artery Disease Based on Single-Lead and Twelve-Lead ECG Signals	APPLIED SCIENCES-BASEL	12	15	http://dx.doi.org/10.3390/app12157711	2022	25	WOS:000838895500001	View Full Record in Web of Science
227	Draghici, Ionel Aurel; Rus, Ionut-Daniel; Coccoceanu, Adrian; Muntean, Sebastian	Improved Operation Strategy of the Pumping System Implemented in Timisoara Municipal Water Treatment Station	SUSTAINABILITY	14	15	http://dx.doi.org/10.3390/su14159130	2022	20	WOS:000839232600001	View Full Record in Web of Science
228	Sarfraz, Muddassar; Ivascu, Larisa; Artene, Alin Emanuel; Bobitan, Nicolae; Dumitrescu, Diana; Bogdan, Oana; Burca, Valentin	The relationship between firms' financial performance and performance measures of circular economy sustainability: an investigation of the G7 countries	ECONOMIC RESEARCH-EKONOMSKA ISTRAZIVANJA			http://dx.doi.org/10.1080/1331677X.2022.2101019	2022	28	WOS:000837662500001	View Full Record in Web of Science
229	Kouhalvandi, Lida; Matekovits, Ladislau; Peter, Ildiko	Magic of 5G Technology and Optimization Methods Applied to Biomedical Devices: A Survey	APPLIED SCIENCES-BASEL	12	14	http://dx.doi.org/10.3390/app12147096	2022	25	WOS:000834426900001	View Full Record in Web of Science
230	Kandeva, Mara; Zagorski, Mihail; Nikolic, Ruzica; Stojanovic, Blaza; But, Adrian; Botko, Frantisek; Pitel, Jan; Vencel, Aleksandar	Friction Properties of the Heat-Treated Electroless Ni Coatings Embedded with c-BN Nanoparticles	COATINGS	12	7	http://dx.doi.org/10.3390/coatings12071008	2022	11	WOS:000833109100001	View Full Record in Web of Science
231	Radac, Mircea-Bogdan	Trajectory Tracking within a Hierarchical Primitive-Based Learning Approach	ENTROPY	24	7	http://dx.doi.org/10.3390/e24070889	2022	23	WOS:000833668100001	View Full Record in Web of Science
232	Rajak, Dipen Kumar; Wagh, Pratiksha H.; Linul, Emanoil	A Review on Synthetic Fibers for Polymer Matrix Composites: Performance, Failure Modes and Applications	MATERIALS	15	14	http://dx.doi.org/10.3390/ma15144790	2022	28	WOS:000833174600001	View Full Record in Web of Science
233	Spunei, Elisabeta; Frumusanu, Natalita-Mihaela; Muntean, Roxana; Marginean, Gabriela	Impact of COVID-19 Pandemic on the Educational-Instructional Process of the Students from Technical Faculties	SUSTAINABILITY	14	14	http://dx.doi.org/10.3390/su14148586	2022	16	WOS:000833210500001	View Full Record in Web of Science
234	Simo, Attila; Frigura-Iliasa, Flaviu Mihai; Frigura-Iliasa, Mihaela; Andea, Petru; Musuroi, Sorin	Service Limits for Metal Oxide Varistors Having Cylindrical Symmetry as Function of the Ambient Temperature	SYMMETRY-BASEL	14	7	http://dx.doi.org/10.3390/sym14071351	2022	20	WOS:000833091900001	View Full Record in Web of Science
235	Gabor, Alin Gabriel; Duma, Virgil-Florin; Fabricky, Mihai M. C.; Marsavina, Liviu; Tudor, Anca; Vancea, Cosmin; Negrea, Petru; Sinescu, Cosmin	Ceramic Scaffolds for Bone Augmentation: Design and Characterization with SEM and Confocal Microscopy	MATERIALS	15	14	http://dx.doi.org/10.3390/ma15144899	2022	23	WOS:000833110700001	View Full Record in Web of Science
236	Kumar, Vikas; Coleri, Erdem; Obaid, Ihsan; Belc, Anda Ligia; Sutherland, Alex James	Selection of Durable, Environmentally Friendly, and Cost-Effective Asphalt Mixtures	MATERIALS	15	14	http://dx.doi.org/10.3390/ma15144873	2022	17	WOS:000832368400001	View Full Record in Web of Science
237	Lazureanu, Cristian	Dynamical Properties, Deformations, and Chaos in a Class of Inversion Invariant Jerk Equations	SYMMETRY-BASEL	14	7	http://dx.doi.org/10.3390/sym14071318	2022	14	WOS:000831825200001	View Full Record in Web of Science

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238	Ardelean, Erika; Socalici, Ana; Lupu, Oana; Bistriean, Diana; Dobrescu, Cristian; Constantin, Nicolae	Recovery of Waste with a High Iron Content in the Context of the Circular Economy	MATERIALS	15	14	http://dx.doi.org/10.3390/ma15144995	2022	18	WOS:000831547900001	View Full Record in Web of Science
239	Draghici, Anca; Dursun, Salih; Basol, Oguz; Boatca, Maria Elena; Gaureanu, Alin	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	SUSTAINABILITY	14	14	http://dx.doi.org/10.3390/su14148464	2022	18	WOS:000832141900001	View Full Record in Web of Science
240	Mihali, Lavinia Maria; Potra, Sabina; Dungan, Luisa Izabel; Negrea, Romeo; Cioabla, Adrian	Key Factors of AS Performance in Emerging Central and Eastern European Countries: Evidence from Romania	SUSTAINABILITY	14	14	http://dx.doi.org/10.3390/su14148328	2022	24	WOS:000831847700001	View Full Record in Web of Science
241	Cozma, Gabriel, V; Onchis, Darian; Istin, Codruta; Petrache, Ioan Adrian	Explainable Machine Learning Solution for Observing Optimal Surgery Timings in Thoracic Cancer Diagnosis	APPLIED SCIENCES-BASEL	12	13	http://dx.doi.org/10.3390/app12136506	2022	15	WOS:000825677700001	View Full Record in Web of Science
242	Liu, Sining; Theoharis, Panagiotis Ioannis; Raad, Raad; Tubbal, Faisal; Theoharis, Angelos; Iranmanesh, Sacid; Abulgasem, Suhila; Khan, Muhammad Usman Ali; Matekovits, Ladislau	A Survey on CubeSat Missions and Their Antenna Designs	ELECTRONICS	11	13	http://dx.doi.org/10.3390/electronics11132021	2022	39	WOS:000825656700001	View Full Record in Web of Science
243	Mitelea, Ion; Bordeasu, Ilare; Mutascu, Daniel; Buzdugan, Dragos; Craciunescu, Corneliu Marius	Cavitation resistance of Stellite 21 coatings tungsten inert gas (TIG) deposited onto duplex stainless steel X2CrNiMoN22-5-3	MATERIALS TESTING	64	7	http://dx.doi.org/10.1515/mt-2021-2169	2022	10	WOS:000821392200005	View Full Record in Web of Science
244	Nastase, Gabriel; Dobosi, Ioan Silviu; Brezeanu, Alin Ionut; Taus, Daniel; Tabacaru, Maria Bianca; Vutoiu, Beatrice Georgiana; Rusu, Diana; Bulmez, Alexandru Mihai; Iordan, Nicolae Fani	Experimental Heat Transfer, Sound Insulation and Interior Comfort Parameters Assessment on a Box Double-Skin Facade	BUILDINGS	12	6	http://dx.doi.org/10.3390/buildings12060730	2022	16	WOS:000818153800001	View Full Record in Web of Science
245	Utu, Ion-Dragos; Hulka, Iosif; Kazamer, Norbert; Constantin, Albert Titus; Marginean, Gabriela	Hot-Corrosion and Particle Erosion Resistance of Co-Based Brazed Alloy Coatings	CRYSTALS	12	6	http://dx.doi.org/10.3390/cryst12060762	2022	12	WOS:000818349300001	View Full Record in Web of Science
246	Venkataramana, Srikanth Holalu; Shivalingaiah, Kanchiraya; Davanageri, Mahesh Basetteppa; Selvan, Chithirai Pon; Lakshmiathan, Avinash; Chandrashekarappa, Manjunath Patel Gowdru; Razak, Abdul; Anand, Praveena Bindiganavile; Linul, Emanoil	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	APPLIED SCIENCES-BASEL	12	12	http://dx.doi.org/10.3390/app12125987	2022	22	WOS:000816100100001	View Full Record in Web of Science
247	Ene, Raul C.; Brata, Silviana; Boros, Iosif; Chendes, Remus; Dan, Daniel	Theoretical Study on the Effect of Parallel Air Chambers Embedded in Rockwool Panels on the Energy Consumption of a Low-Energy High School	SUSTAINABILITY	14	12	http://dx.doi.org/10.3390/su14127425	2022	25	WOS:000816824100001	View Full Record in Web of Science
248	Segneanu, Adina-Elena; Marin, Catalin Nicolae; Vlase, Gabriela; Cepan, Claudiu; Mihailescu, Maria; Muntean, Cornelia; Grozescu, Ioan	Highly efficient engineered waste eggshell-fly ash for cadmium removal from aqueous solution	SCIENTIFIC REPORTS	12	1	http://dx.doi.org/10.1038/s41598-022-13664-6	2022	31	WOS:000809588300012	View Full Record in Web of Science
249	Duma, Virgil-Florin; Duma, Maria-Alexandra	Optomechanical Analysis and Design of Polygon Mirror-Based Laser Scanners	APPLIED SCIENCES-BASEL	12	11	http://dx.doi.org/10.3390/app12115592	2022	32	WOS:000808874200001	View Full Record in Web of Science

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250	Halbac-Cotoara-Zamfir, Rares; Marucci, Alvaro; Salvia, Rosanna; Quaranta, Giovanni; Sateriano, Adele; Cecchini, Massimo; Bianchini, Leonardo	Caring of the Fringe? Mediterranean Desertification between Peri-Urban Ecology and Socioeconomics	SUSTAINABILITY	14	3	http://dx.doi.org/10.3390/su14031426	2022	18	WOS:000810071300001	View Full Record in Web of Science
251	Falk, Alexandru; Pop, Octavian; Dopeux, Jerome; Marsavina, Liviu	Assessment of Strains Produced by Thermal Expansion in Printed Circuit Boards	MATERIALS	15	11	http://dx.doi.org/10.3390/ma15113916	2022	13	WOS:000809023200001	View Full Record in Web of Science
252	Vasiliu, Roxana Diana; Utu, Ion-Dragos; Rusu, Lucian; Bolos, Adrian; Porojan, Liliana	Fractographic and Microhardness Evaluation of All-Ceramic Hot-Pressed and CAD/CAM Restorations after Hydrothermal Aging	MATERIALS	15	11	http://dx.doi.org/10.3390/ma15113987	2022	12	WOS:000809008000001	View Full Record in Web of Science
253	Kouhalvandi, Lida; Ceylan, Osman; Ozoguz, Serdar; Matekovits, Ladislau	Multi-Tone Harmonic Balance Optimization for High-Power Amplifiers through Coarse and Fine Models Based on X-Parameters	SENSORS	22	11	http://dx.doi.org/10.3390/s22114305	2022	15	WOS:000808680700001	View Full Record in Web of Science
254	Roxana Toma, Flavia; Ionela Birdeanu, Mihaela; Utu, Ion-Dragos; Diana Vasiliu, Roxana; Cristina Moleriu, Lavinia; Porojan, Liliana	Surface Characteristics of High Translucent Multilayered Dental Zirconia Related to Aging	MATERIALS	15	10	http://dx.doi.org/10.3390/ma15103606	2022	21	WOS:000804267000001	View Full Record in Web of Science
255	Covaci, Corina; Gontean, Aurel	Singing Multilayer Ceramic Capacitors and Mitigation Methods-A Review	SENSORS	22	10	http://dx.doi.org/10.3390/s22103869	2022	14	WOS:000803226100001	View Full Record in Web of Science
256	Martin, Adrian Daniel; Tutela, Lucian Nicolae; Boldea, Ion	Twin Inverter-Fed Induction Machines Artificial Loading Without Mechanical Coupling	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	58	3	http://dx.doi.org/10.1109/TIA.2022.3151320	2022	12	WOS:000799279300074	View Full Record in Web of Science
257	Halbac-Cotoara-Zamfir, Rares; Jesus Farias-Ramirez, Asdrubal; Honorio de Miranda, Jarbas; Alejandra Moreno-Pizani, Maria; Nascimento Duarte, Sergio; Javier Paredes-Trejo, Franklin; Salvati, Luca; Halbac-Cotoara-Zamfir, Cristina	Simulation of Subsurface Drainage in the Sugarcane Crop under Different Spacing and Drain Depths	LAND	11	5	http://dx.doi.org/10.3390/land11050626	2022	20	WOS:000802433000001	View Full Record in Web of Science
258	De Sabata, Aldo; Matekovits, Ladislau; Buta, Adrian; Dassano, Gianluca; Silaghi, Andrei	Frequency Selective Surface for Ultra-Wide Band Filtering and Shielding	SENSORS	22	5	http://dx.doi.org/10.3390/s22051896	2022	16	WOS:000773637200001	View Full Record in Web of Science
259	Sarfraz, Muddassar; Ivascu, Larisa; Abdullah, Muhammad Ibrahim; Ozturk, Ilknur; Tariq, Jasim	Exploring a Pathway to Sustainable Performance in Manufacturing Firms: The Interplay between Innovation Capabilities, Green Process, Product Innovations and Digital Leadership	SUSTAINABILITY	14	10	http://dx.doi.org/10.3390/su14105945	2022	19	WOS:000801530100001	View Full Record in Web of Science
260	Barbulescu, Corneliu; Caiman, Dadiana-Valeria; Dragomir, Toma-Leonida	Parameter Observer Useable for the Condition Monitoring of a Capacitor	APPLIED SCIENCES-BASEL	12	10	http://dx.doi.org/10.3390/app12104891	2022	17	WOS:000801644900001	View Full Record in Web of Science
261	Kilic, Orhan Mete; Budak, Mesut; Gunal, Elif; Acir, Nurullah; Halbac-Cotoara-Zamfir, Rares; Alfarraj, Saleh; Ansari, Mohammad Javed	Soil salinity assessment of a natural pasture using remote sensing techniques in central Anatolia, Turkey	PLOS ONE	17	4	http://dx.doi.org/10.1371/journal.pone.0266915	2022	14	WOS:000791258900013	View Full Record in Web of Science
262	Porojan, Liliana; Toma, Flavia Roxana; Utu, Ion-Dragos; Vasiliu, Roxana Diana	Optical Behavior and Surface Analysis of Dental Resin Matrix Ceramics Related to Thermocycling and Finishing	APPLIED SCIENCES-BASEL	12	9	http://dx.doi.org/10.3390/app12094346	2022	12	WOS:000795417500001	View Full Record in Web of Science
263	Dragoi, Iulia Iovanca; Popescu, Florina Georgeta; Petrita, Teodor; Alexa, Florin; Barac, Sorin; Bondor, Cosmina Ioana; Pauncu, Elena-Ana; Bowling, Frank L.; Reeves, Neil D.; Ionac, Mihai	Acute Effects of Sedentary Behavior on Ankle Torque Assessed with a Custom-Made Electronic Dynamometer	JOURNAL OF CLINICAL MEDICINE	11	9	http://dx.doi.org/10.3390/jcm11092474	2022	20	WOS:000795343300001	View Full Record in Web of Science

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264	Orel, Laura; Velea-Barta, Oana-Alexandra; Sinescu, Cosmin; Duma, Virgil-Florin; Nica, Luminita-Maria; Horhat, Razvan Mihai; Chirila, Raul Dorin; Tudor, Anca; Vulcanescu, Dan-Dumitru; Negrutiu, Meda Lavinia	Comparative Assessment of the Shaping Ability of Reciprocal Blue, WaveOne Gold, and ProTaper Gold in Simulated Root Canals	MATERIALS	15	9	http://dx.doi.org/10.3390/ma15093028	2022	12	WOS:000794521600001	View Full Record in Web of Science
265	Fakhte, Saeed; Singhwal, Sumer Singh; Matekovits, Ladislau; Kanaujia, Binod Kumar	Manipulating the radiation pattern of equilateral triangular dielectric resonator antenna using asymmetric grooves	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	145		http://dx.doi.org/10.1016/j.aecue.2021.154079	2022	7	WOS:000795749100003	View Full Record in Web of Science
266	Cernicova-Buca, Mariana; Ciurel, Daniel	Developing Resilience to Disinformation: A Game-Based Method for Future Communicators	SUSTAINABILITY	14	9	http://dx.doi.org/10.3390/su14095438	2022	12	WOS:000794800400001	View Full Record in Web of Science
267	Ardelean, Radu; Popa, Adriana; Dragan, Ecaterina Stela; Davidescu, Corneliu-Mircea; Ignat, Maria	New Polymeric Adsorbents Functionalized with Aminobenzoic Groups for the Removal of Residual Antibiotics	MOLECULES	27	9	http://dx.doi.org/10.3390/molecules27092894	2022	17	WOS:000794426000001	View Full Record in Web of Science
268	Jivulescu, Maria Anastasia; Lancien, Cecilia; Nechita, Ion	Multipartite Entanglement Detection Via Projective Tensor Norms	ANNALES HENRI POINCARÉ	23	11	http://dx.doi.org/10.1007/s00023-022-01187-9	2022	48	WOS:000791874300001	View Full Record in Web of Science
269	Chirita-Emandi, Adela; Petrescu, Carmen-Angela; Maria; Zimbru, Cristian G.; Stoica, Florina; Marian, Catalin; Ciubotaru, Andreea; Bataneant, Mihaela; Puiu, Maria	Case Report: Novel Biallelic Variants in DNAJC21 Causing an Inherited Bone Marrow Failure Spectrum Phenotype: An Odyssey to Diagnosis	FRONTIERS IN GENETICS	13		http://dx.doi.org/10.3389/fgene.2022.870233	2022	8	WOS:000791548400001	View Full Record in Web of Science
270	Kellenberger, Andrea; Duca, Delia Andrada; Dan, Mircea Laurentiu; Medeleanu, Mihai	Recycling Unused Midazolam Drug as Efficient Corrosion Inhibitor for Copper in Nitric Acid Solution	MATERIALS	15	8	http://dx.doi.org/10.3390/ma15082918	2022	16	WOS:000785049900001	View Full Record in Web of Science
271	Gajsek, Brigita; Draghici, Anca; Boatca, Maria Elena; Gaureanu, Alin; Robescu, Diana	Linking the Use of Ergonomics Methods to Workplace Social Sustainability: The Ovako Working Posture Assessment System and Rapid Entire Body Assessment Method	SUSTAINABILITY	14	7	http://dx.doi.org/10.3390/su14074301	2022	20	WOS:000780700200001	View Full Record in Web of Science
272	Albulescu, Claudiu Tiberiu; Turcu, Camelia	Productivity, financial performance, and corporate governance: evidence from Romanian R&D firms	APPLIED ECONOMICS	54	51	http://dx.doi.org/10.1080/00036846.2022.2056125	2022	20	WOS:000783098500001	View Full Record in Web of Science
273	Kouhalvandi, Lida; Matekovits, Ladislau	Hyperparameter Optimization of Long Short-Term Memory-Based Forecasting DNN for Antenna Modeling Through Stochastic Methods	IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS	21	4	http://dx.doi.org/10.1109/LAWP.2022.3144046	2022	5	WOS:000778924100019	View Full Record in Web of Science
274	Behura, Aruna Kumar; Mohanty, Chinmaya Prasad; Singh, Manas Ranjan; Kumar, Ashwini; Linul, Emanoil; Rajak, Dipen Kumar	Performance Analysis of Three Side Roughened Solar Air Heater: A Preliminary Investigation	MATERIALS	15	7	http://dx.doi.org/10.3390/ma15072541	2022	17	WOS:000782043400001	View Full Record in Web of Science
275	Khan, Jalal; Ullah, Sadiq; Ali, Usman; Tahir, Farooq Ahmad; Peter, Ildiko; Matekovits, Ladislau	Design of a Millimeter-Wave MIMO Antenna Array for 5G Communication Terminals	SENSORS	22	7	http://dx.doi.org/10.3390/s22072768	2022	14	WOS:000781099500001	View Full Record in Web of Science
276	Moga, Ligia; Petran, Ioan; Santos, Paulo; Ungureanu, Viorel	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study	BUILDINGS	12	3	http://dx.doi.org/10.3390/buildings12030321	2022	29	WOS:000775882800001	View Full Record in Web of Science

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277	Nescu, Vlad; Ciulca, Sorin; Sumalan, Renata Maria; Berbeca, Adina; Velicevici, Giancarla; Negrea, Petru; Gaspar, Sorin; Sumalan, Radu Liviu	Physiological Aspects of Absorption, Translocation, and Accumulation of Heavy Metals in <i>Silphium perfoliatum</i> L. Plants Grown in a Mining-Contaminated Soil	MINERALS	12	3	http://dx.doi.org/10.3390/min12030334	2022	29	WOS:000774154500001	View Full Record in Web of Science
278	Nemes, Nicoleta Sorina; Ardean, Cristina; Davidescu, Corneliu Mircea; Negrea, Adina; Ciopec, Mihaela; Musta, Virgil Filaret; Duteanu, Narcis; Negrea, Petru; Muntean, Delia	Symmetry between Structure-Antibacterial Effect of Polymers Functionalized with Phosphonium Salts	SYMMETRY-BASEL	14	3	http://dx.doi.org/10.3390/sym14030572	2022	11	WOS:000774510800001	View Full Record in Web of Science
279	Balint, Lorena-Cristina; Hulka, Iosif; Kellenberger, Andrea	Pencil Graphite Electrodes Decorated with Platinum Nanoparticles as Efficient Electrocatalysts for Hydrogen Evolution Reaction	MATERIALS	15	1	http://dx.doi.org/10.3390/ma15010073	2022	11	WOS:000758731300001	View Full Record in Web of Science
280	Orha, Corina; Bandas, Cornelia; Lazau, Carmen; Popescu, Mina Ionela; Baci, Anamaria; Manea, Florica	Advanced Electrodegradation of Doxorubicin in Water Using a 3-D Ti/SnO ₂ Anode	WATER	14	5	http://dx.doi.org/10.3390/w14050821	2022	16	WOS:000771156300001	View Full Record in Web of Science
281	Kouhalvandi, Lida; Matekovits, Ladislau; Peter, Ildiko	Deep Learning Assisted Automatic Methodology for Implanted MIMO Antenna Designs on Large Ground Plane	ELECTRONICS	11	1	http://dx.doi.org/10.3390/electronics11010047	2022	9	WOS:000743318200001	View Full Record in Web of Science
282	Dragoi, Iulia Iovanca; Popescu, Florina Georgeta; Petrita, Teodor; Alexa, Florin; Tatu, Romulus Fabian; Bondor, Cosmina Ioana; Tatu, Carmen; Bowling, Frank L.; Reeves, Neil D.; Ionac, Mihai	A Custom-Made Electronic Dynamometer for Evaluation of Peak Ankle Torque after COVID-19	SENSORS	22	5	http://dx.doi.org/10.3390/s22052073	2022	19	WOS:000769168900001	View Full Record in Web of Science
283	Kellenberger, Andrea; Vaszilcsin, Nicolae; Duca, Delia; Dan, Mircea Laurentiu; Duteanu, Narcis; Stiber, Svenja; Morawietz, Tobias; Biswas, Indro; Ansar, Syed Asif; Gazdzicki, Pawel; Wirkert, Florian J.; Roth, Jeffrey; Rost, Ulrich; Brodmann, Michael; Gago, Aldo Saul; Friedrich, K. Andreas	Towards Replacing Titanium with Copper in the Bipolar Plates for Proton Exchange Membrane Water Electrolysis	MATERIALS	15	5	http://dx.doi.org/10.3390/ma15051628	2022	18	WOS:000768478500001	View Full Record in Web of Science
284	Anghel, Anamaria Andreea; Cabeza-Lainez, Joseph; Xu, Yingying	Unknown Suns: Laszlo Hudec, Antonin Raymond and the Rising of a Modern Architecture for Eastern Asia	BUILDINGS	12	2	http://dx.doi.org/10.3390/buildings12020093	2022	26	WOS:000767616800001	View Full Record in Web of Science
285	Serban, Christa; Lungeanu, Diana; Bota, Sergiu-David; Cotca, Claudia C.; Negrutiu, Meda Lavinia; Duma, Virgil-Florin; Sinescu, Cosmin; Craciunescu, Emanuela Lidia	Emerging Technologies for Dentin Caries Detection-A Systematic Review and Meta-Analysis	JOURNAL OF CLINICAL MEDICINE	11	3	http://dx.doi.org/10.3390/jcm11030674	2022	23	WOS:000760493000001	View Full Record in Web of Science
286	Sharma, Deepthi; Kanaujia, Binod Kumar; Kaim, Vikrant; Mitra, Raj; Arya, Ravi Kumar; Matekovits, Ladislau	Design and implementation of compact dual-band conformal antenna for leadless cardiac pacemaker system	SCIENTIFIC REPORTS	12	1	http://dx.doi.org/10.1038/s41598-022-06904-2	2022	17	WOS:000761303400079	View Full Record in Web of Science
287	Zhou, Yunye; Draghici, Anca; Abbas, Jaffar; Mubeen, Riaz; Boatca, Maria Elena; Salam, Mohammad Asif	Social Media Efficacy in Crisis Management: Effectiveness of Non-pharmaceutical Interventions to Manage COVID-19 Challenges	FRONTIERS IN PSYCHIATRY	12		http://dx.doi.org/10.3389/fpsyt.2021.626134	2022	16	WOS:000760858700001	View Full Record in Web of Science
288	Pop-Calimanu, Ioana-Monica; Popescu, Sorin; Lascu, Dan	A New SEPIC-Based DC-DC Converter with Coupled Inductors Suitable for High Step-Up Applications	APPLIED SCIENCES-BASEL	12	1	http://dx.doi.org/10.3390/app12010178	2022	27	WOS:000758849400001	View Full Record in Web of Science

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289	Barbulescu, Greta Ionela; Buica, Taddeus Paul; Goje, Iacob Daniel; Bojin, Florina Maria; Ordodi, Valentin Laurentiu; Olteanu, Gheorghe Emilian; Heredea, Rodica Elena; Paunescu, Virgil	Optimization of Complete Rat Heart Decellularization Using Artificial Neural Networks	MICROMACHINES	13	1	http://dx.doi.org/10.3390/mi13010079	2022	12	WOS:000756480000001	View Full Record in Web of Science
290	Lugoian, Sorin; Ciurdariu, Loredana; Grecu, Eugenia	New Elements of Analysis of a Degenerate Chenciner Bifurcation	SYMMETRY-BASEL	14	1	http://dx.doi.org/10.3390/sym14010077	2022	14	WOS:000758815200001	View Full Record in Web of Science
291	Singhwal, Sumer Singh; Matekovits, Ladislau; Peter, Ildiko; Kanauija, Binod Kumar	A Study on Application of Dielectric Resonator Antenna in Implantable Medical Devices	IEEE ACCESS	10		http://dx.doi.org/10.1109/ACCESS.2022.3144664	2022	12	WOS:000750228000001	View Full Record in Web of Science
292	Choong, Shaun Wei Jun; Ng, Poh Kiat; Yeo, Boon Chin; Draghici, Anca; Gaureanu, Alin; Ng, Yu Jin; Wong, Gerry Ming Horng; Selvan, Hari Krishnan Tamil	A Preliminary Study on Ergonomic Contribution to the Engineering Design Approach of a Wheel Loader Control Lever System	SUSTAINABILITY	14	1	http://dx.doi.org/10.3390/su14010122	2022	29	WOS:000750887900001	View Full Record in Web of Science
293	Anghel, Anamaria Andreea; Giurea, Diana; Mohora, Irina; Hapenciuc, Alma-Dia; Milincu, Octavian Camil; Frigura-Iliasa, Flaviu Mihai	Green Interactive Installations as Conceptual Experiments towards a New Meaning of Smart Design	BUILDINGS	12	1	http://dx.doi.org/10.3390/buildings12010062	2022	28	WOS:000748964800001	View Full Record in Web of Science
294	Albulescu, Daiana; Ursu, Daniel; Rusnac, Lucian-Mircea; Nitu, Sabina; Miclau, Marinela; Vajda, Melinda	Investigation of UV Dye-Sensitized Solar Cells Based on Water Electrolyte: A New Insight for Wavelength-Selective Greenhouse	CRYSTALS	12	1	http://dx.doi.org/10.3390/cryst12010098	2022	15	WOS:000747527300001	View Full Record in Web of Science
295	Vutan, Ana-Maria; Lovasz, Erwin-Christian; Gruescu, Corina-Maria; Sticlaru, Carmen; Sirbu, Elena; Jurjiu, Nicolae-Adrian; Borozan, Ion-Silviu; Vutan, Calin	Evaluation of Symmetrical Exercises in Scoliosis by Using Thermal Scanning	APPLIED SCIENCES-BASEL	12	2	http://dx.doi.org/10.3390/app12020721	2022	10	WOS:000747159100001	View Full Record in Web of Science
296	Duma, Diana; Zaharia, Raul; Pintea, Dan; Both, Ioan; Hanus, Francois	Analytical Method for the Bending Resistance of Slim Floor Beams with Asymmetric Double-T Steel Section under ISO Fire	APPLIED SCIENCES-BASEL	12	2	http://dx.doi.org/10.3390/app12020574	2022	16	WOS:000746379900001	View Full Record in Web of Science
297	Sarfraz, Muddassar; Ivascu, Larisa; Cioca, Lucian-Ionel	Environmental Regulations and CO2 Mitigation for Sustainability: Panel Data Analysis (PMG, CCEMG) for BRICS Nations	SUSTAINABILITY	14	1	http://dx.doi.org/10.3390/su14010072	2022	14	WOS:000743124200001	View Full Record in Web of Science
298	Dragoi, Iulia Iovanca; Popescu, Florina Georgeta; Petrita, Teodor; Tatu, Romulus Fabian; Bondor, Cosmina Ioana; Tatu, Carmen; Bowling, Frank L.; Reeves, Neil D.; Ionac, Mihai	A Custom-Made Lower Limb Dynamometer for Assessing Ankle Joint Torque in Humans: Calibration and Measurement Procedures	SENSORS	22	1	http://dx.doi.org/10.3390/s22010135	2022	15	WOS:000741109300001	View Full Record in Web of Science
299	Ardelean, Sebastian Mihai; Udrescu, Mihai	Graph coloring using the reduced quantum genetic algorithm	PEERJ COMPUTER SCIENCE	8		http://dx.doi.org/10.7717/peerj-cs.836	2022	30	WOS:000747493100004	View Full Record in Web of Science
300	Muntean, Roxana; Pascal, Dragos-Toader; Kazamer, Norbert; Marginean, Gabriela; Serban, Viorel-Aurel	Sliding Wear Behavior of High-Temperature Vacuum-Brazed WC-Co-NiP Functional Composite Coatings	MATERIALS	15	1	http://dx.doi.org/10.3390/ma15010088	2022	15	WOS:000751086000001	View Full Record in Web of Science
301	Bitcan, Ioan; Petrovici, Andreea; Pellis, Alessandro; Klebert, Szilvia; Karoly, Zoltan; Bereczki, Laura; Peter, Francisc; Todea, Anamaria	Enzymatic route for selective glycerol oxidation using covalently immobilized laccases	ENZYME AND MICROBIAL TECHNOLOGY	163		http://dx.doi.org/10.1016/j.enzmitec.2022.110168	2023	14	WOS:000895271600001	View Full Record in Web of Science

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302	Sarbu, Ioan; Popa-Albu, Simona	Optimization of urban water distribution networks using heuristic methods: an overview	WATER INTERNATIONAL	48	1	http://dx.doi.org/10.1080/02508060.2022.2127611	2023	29	WOS:000878053400001	View Full Record in Web of Science
303	Brighenti, Roberto; Marsavina, Liviu; Marghitas, Mihai P.; Cosma, Mattia P.; Montanari, Matteo	Mechanical characterization of additively manufactured photopolymerized polymers	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES	30	9	http://dx.doi.org/10.1080/15376494.2022.2045655	2023	12	WOS:000768100600001	View Full Record in Web of Science
304	Ramachandran, Elumalai; Krishnaiah, Ravi; Venkatesan, Elumalai Perumal; Medapati, Sreenivasa Reddy; Sabarish, Rajagopalan; Khan, Sher Afghan; Asif, Mohammad; Linul, Emanoil	Experimental Studies to Reduce Usage of Fossil Fuels and Improve Green Fuels by Adopting Hydrogen-Ammonia-Biodiesel as Trinary Fuel for RCCI Engine	ACS OMEGA	9	1	http://dx.doi.org/10.1021/acsomega.3c06327	2023	12	WOS:001139489700001	View Full Record in Web of Science
305	Ursu, Daniel; Vajda, Melinda; Ilies, Elisei; Ricman, Radu; Marinca, Magdalena; Bularka, Szilard; Miclau, Marinela; Gontean, Aurel	Towards the thermal stability of dye-sensitized solar cells for wavelength-selective greenhouses using the polymorphism of light-scattering layers	SUSTAINABLE ENERGY & FUELS	8	1	http://dx.doi.org/10.1039/d3se01084h	2023	10	WOS:001114443100001	View Full Record in Web of Science
306	Cernicova-Buca, Mariana; Dragomir, Gabriel-Mugurel; Gherhes, Vasile; Palea, Adina	Students' Awareness Regarding Environment Protection in Campus Life: Evidence from Romania	SUSTAINABILITY	15	23	http://dx.doi.org/10.3390/su152316444	2023	18	WOS:001115998400001	View Full Record in Web of Science
307	Nita, Valentin-Adrian; Magyar, Petra	Improving Balance and Movement Control in Fencing Using IoT and Real-Time Sensorial Feedback	SENSORS	23	24	http://dx.doi.org/10.3390/s23249801	2023	17	WOS:001130508000001	View Full Record in Web of Science
308	Simo, Attila; Frigura-Iliasa, Flaviu Mihai; Frigura-Iliasa, Mihaela; Andea, Petru	Improvements in the Electronic Performance of ZnO-Based Varistors by Modifying the Manufacturing Process Parameters	ELECTRONICS	12	24	http://dx.doi.org/10.3390/electronics12244922	2023	18	WOS:001131389200001	View Full Record in Web of Science
309	Mosoarca, Giannin; Popa, Simona; Vancea, Cosmin; Dan, Mircea; Boran, Sorina	Modelling and Optimization of Methylene Blue Adsorption Process on Leonurus cardiaca L. Biomass Powder	PROCESSES	11	12	http://dx.doi.org/10.3390/pr11123385	2023	17	WOS:001132109200001	View Full Record in Web of Science
310	Ridichie, Amalia; Ledeti, Adriana; Peter, Francisc; Ledeti, Ionut; Muntean, Cornelia; Radulescu, Matilda	Kinetic Investigation of the Oxidative Thermal Decomposition of Levonorgestrel	PROCESSES	11	11	http://dx.doi.org/10.3390/pr11113210	2023	15	WOS:001120311400001	View Full Record in Web of Science
311	Pop, Madalin-Dorin; Pescaru, Dan; Micea, Mihai V.	Mamdani vs. Takagi-Sugeno Fuzzy Inference Systems in the Calibration of Continuous-Time Car-Following Models	SENSORS	23	21	http://dx.doi.org/10.3390/s23218791	2023	18	WOS:001100238400001	View Full Record in Web of Science
312	Mateoiu, Ana-Maria; Korodi, Adrian; Stoianovici, Anka; Tira, Radu	Supervisory Monitoring and Control Solution on Android Mobile Devices for the Water Industry 4.0	SUSTAINABILITY	15	22	http://dx.doi.org/10.3390/su152216022	2023	20	WOS:001115274700001	View Full Record in Web of Science
313	Tudorica, Mircea Raul; Toadere, Mihaela Teodora; Bob, Corneliu Ioan	The Sustainability Study Done for a Consolidation Work on a Historical Building	SUSTAINABILITY	15	21	http://dx.doi.org/10.3390/su152115285	2023	15	WOS:001100267100001	View Full Record in Web of Science
314	Ban, Olimpia-Iuliana; Dzitac, Simona; Simo, Attila; Florea, Adrian	Romania Residents' Attitude Investigation toward the Transition to Renewable Energy Sources through Importance-Performance Analysis	SUSTAINABILITY	15	20	http://dx.doi.org/10.3390/su152014790	2023	19	WOS:001095413900001	View Full Record in Web of Science
315	Devarajan, Karunakaran; Karuppanan, Venkatachalapathy Vellaiyappan Sangli; Duraisamy, Thirumalaikumarasamy; Bhavirisetty, Srinivasa Kumar; Laxmaiah, Gundagani; Chauhan, Pankaj Kumar; Razak, Abdul; Asif, Mohammad; Linul, Emanoil	Experimental Investigation and Characterization of Friction Stir Spot-Welded Dissimilar Aluminum Copper Metallic Lap Joints	ACS OMEGA	8	39	http://dx.doi.org/10.1021/acsomega.3c02706	2023	16	WOS:001071408400001	View Full Record in Web of Science

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316	Muntean, Roxana; Valean, Petru-Cristian; Kazamer, Norbert; Utu, Ion-Dragos; Marginean, Gabriela; Serban, Viorel Aurel	Effect of Feedstock Powder Intrinsic Characteristics on the Tribological Behavior of Inductively Remelted NiCrBSi Flame-Sprayed Coatings	LUBRICANTS	11	9	http://dx.doi.org/10.3390/lubricants11090363	2023	17	WOS:001072221100001	View Full Record in Web of Science
317	Ceauranu, Silvana; Ciorsac, Alecu; Ostafe, Vasile; Isvoran, Adriana	Evaluation of the Toxicity Potential of the Metabolites of Di-Isononyl Phthalate and of Their Interactions with Members of Family 1 of Sulfotransferases-A Computational Study	MOLECULES	28	18	http://dx.doi.org/10.3390/molecules28186748	2023	18	WOS:001074357700001	View Full Record in Web of Science
318	Segneanu, Adina-Elena; Trusca, Roxana; Cepan, Claudiu; Mihailescu, Maria; Muntean, Cornelia; Herea, Dumitru Daniel; Grozescu, Ioan; Salifoglou, Athanasios	Innovative Low-Cost Composite Nanoabsorbents Based on Eggshell Waste for Nickel Removal from Aqueous Media	NANOMATERIALS	13	18	http://dx.doi.org/10.3390/nano13182572	2023	26	WOS:001074528100001	View Full Record in Web of Science
319	Frent, Olimpia-Daniela; Duda-Seiman, Daniel Marius; Vicas, Laura Gratiela; Duteanu, Narcis; Nemes, Nicoleta Sorina; Pascu, Bogdan; Teusdea, Alin; Morgovan, Claudia Mona; Muresan, Mariana Eugenia; Jurca, Tunde; Pallag, Annamaria; Micle, Otilia; Marian, Eleonora	Study of the Influence of the Excipients Used for the Synthesis of Microspheres Loaded with Quercetin: Their Characterization and Antimicrobial Activity	COATINGS	13	8	http://dx.doi.org/10.3390/coatings13081376	2023	22	WOS:001056778800001	View Full Record in Web of Science
320	Bandas, Cornelia; Popescu, Mina Ionela; Orha, Corina; Nicolaescu, Mircea; Pop, Aniela; Lazau, Carmen	Development of Hybrid Electrodes Based on a Ti/TiO ₂ Mesoporous/Reduced Graphene Oxide Structure for Enhanced Electrochemical Applications	COATINGS	13	8	http://dx.doi.org/10.3390/coatings13081359	2023	17	WOS:001056382200001	View Full Record in Web of Science
321	Ciurdariu, Loredana; Grecu, Eugenia	New Perspectives of Symmetry Conferred by q-Hermite-Hadamard Type Integral Inequalities	SYMMETRY-BASEL	15	8	http://dx.doi.org/10.3390/sym15081514	2023	20	WOS:001057270500001	View Full Record in Web of Science
322	Bobaru, Alexandru; Naforita, Corina; Copacean, George; Vesa, Vladimir Cristian; Skutec, Michael	Contributions to Unsupervised Online Misalignment Detection and Bumper Error Compensation for Automotive Radar	SENSORS	23	15	http://dx.doi.org/10.3390/s23156785	2023	22	WOS:001045732000001	View Full Record in Web of Science
323	Ionescu, Daniela; Kovaci, Maria	Induced Wettability Switch in Thin Films of Conductive Polymer Coatings Exhibiting Hydrophobic/Hydrophilic Interactions	SENSORS	23	15	http://dx.doi.org/10.3390/s23156867	2023	17	WOS:001046411100001	View Full Record in Web of Science
324	Korodi, Adrian; Nicolae, Andrei; Draghici, Ionel Aurel	Proactive Decentralized Historian-Improving Legacy System in the Water Industry 4.0 Context	SUSTAINABILITY	15	15	http://dx.doi.org/10.3390/su151511487	2023	15	WOS:001045798100001	View Full Record in Web of Science
325	Vantadori, Sabrina; Carpinteri, Andrea; Cerioni, Roberto; Ronchei, Camilla; Scorza, Daniela; Zanichelli, Andrea; Marsavina, Liviu	Fracture toughness of a rigid polyurethane foam: experimental and numerical investigation by varying the specimen sizes	FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES	46	10	http://dx.doi.org/10.1111/ffe.14080	2023	13	WOS:001021875300001	View Full Record in Web of Science
326	Manolescu, Laura; Juratoni, Adina	Fixed Points and λ -Weak Contractions	SYMMETRY-BASEL	15	7	http://dx.doi.org/10.3390/sym15071442	2023	11	WOS:001039646500001	View Full Record in Web of Science
327	Ouamri, Mohamed Amine; Barb, Gordana; Singh, Daljeet; Adam, Abuzar B. M.; Muthanna, M. S. A.; Li, Xingwang	Nonlinear Energy-Harvesting for D2D Networks Underlying UAV With SWIPT Using MADQN	IEEE COMMUNICATIONS LETTERS	27	7	http://dx.doi.org/10.1109/LCOMM.2023.3275989	2023	5	WOS:001029234900030	View Full Record in Web of Science

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328	Bordeasu, Dorin; Prostean, Octavian; Filip, Ioan; Vasar, Cristian	Adaptive Control Strategy for a Pumping System Using a Variable Frequency Drive	MACHINES	11	7	http://dx.doi.org/10.3390/machines11070688	2023	25	WOS:001038602700001	View Full Record in Web of Science
329	Muntean, Simona Gabriela; Halip, Liliana; Nistor, Maria Andreea; Pacurariu, Cornelia	Removal of Metal Ions via Adsorption Using Carbon Magnetic Nanocomposites: Optimization through Response Surface Methodology, Kinetic and Thermodynamic Studies	MAGNETOCHEMISTRY	9	7	http://dx.doi.org/10.3390/magnetochemistry9070163	2023	19	WOS:001036178400001	View Full Record in Web of Science
330	Morshed, Khaled M.; Karmokar, Debabrata K.; Esselle, Karu P.; Matekovits, Ladislau	Beam-Switching Antennas for 5G Millimeter-Wave Wireless Terminals	SENSORS	23	14	http://dx.doi.org/10.3390/s23146285	2023	21	WOS:001039643300001	View Full Record in Web of Science
331	Herisanu, Nicolae; Marinca, Bogdan; Marinca, Vasile	Longitudinal-Transverse Vibration of a Functionally Graded Nanobeam Subjected to Mechanical Impact and Electromagnetic Actuation	SYMMETRY-BASEL	15	7	http://dx.doi.org/10.3390/sym15071376	2023	22	WOS:001036440300001	View Full Record in Web of Science
332	Andras, Cristina Maria; Barb, Gordana; Alexa, Florin; Balint, Cornel	Congestion Analysis of Transport Layer in a Multicell 5G DL Communication System	SENSORS	23	13	http://dx.doi.org/10.3390/s23136111	2023	19	WOS:001031145300001	View Full Record in Web of Science
333	Daescu, Ana-Maria Cristina; Navolan, Dan-Bogdan; Dehelean, Liana; Frandes, Mirela; Gaitoane, Alexandru-Ioan; Daescu, Andrei; Daniluc, Razvan-Ionut; Stoian, Dana	The Paradox of Sexual Dysfunction Observed during Pregnancy	HEALTHCARE	11	13	http://dx.doi.org/10.3390/healthcare11131914	2023	15	WOS:001028532000001	View Full Record in Web of Science
334	Ospanova, A.; Cojocari, M.; Lamberti, P.; Plyushch, A.; Matekovits, L.; Svirko, Yu.; Kuzhir, P.; Basharin, A.	Broadband transparency of Babinet complementary metamaterials	APPLIED PHYSICS LETTERS	122	23	http://dx.doi.org/10.1063/5.0152841	2023	6	WOS:001007710000002	View Full Record in Web of Science
335	Karda, Szilard; Nagy-Gyorgy, Tamas; Boros, Iosif	Evolution of the Payback Period for Energy-Efficient Residential Buildings in Romania in the Last Decade	SUSTAINABILITY	15	11	http://dx.doi.org/10.3390/su15118986	2023	19	WOS:001006080600001	View Full Record in Web of Science
336	Istrate, Dionisie; Bordeasu, Ilare; Ghiban, Brandusa; Istrate, Bogdan; Sbarcea, Beatrice-Gabriela; Ghera, Cristian; Luca, Alexandru Nicolae; Odagiu, Petrisor Ovidiu; Florea, Bogdan; Gubencu, Dinu	Correlation between Mechanical Properties-Structural Characteristics and Cavitation Resistance of Rolled Aluminum Alloy Type 5083	METALS	13	6	http://dx.doi.org/10.3390/met13061067	2023	23	WOS:001017236200001	View Full Record in Web of Science
337	Baciu, Anamaria; Orha, Corina; Nicolae, Radu; Nicolaescu, Mircea; Ilies, Sorina; Manea, Florica	Advanced Electrochemical Degradation of Organic Pollutants from Water Using Sb-Doped SnO ₂ /Ti Anode and Assisted by Granular Activated Carbon	COATINGS	13	6	http://dx.doi.org/10.3390/coatings13061127	2023	18	WOS:001017063500001	View Full Record in Web of Science
338	Baul, Bianca; Ledeti, Adriana; Circioban, Denisa; Ridichie, Amalia; Vlase, Titus; Vlase, Gabriela; Peter, Francisc; Ledeti, Ionut	Thermal Stability and Kinetics of Degradation of Moxonidine as Pure Ingredient vs. Pharmaceutical Formulation	PROCESSES	11	6	http://dx.doi.org/10.3390/pr11061738	2023	14	WOS:001017950600001	View Full Record in Web of Science
339	Bhatta, Dharm Dev; Sarfraz, Muddassar; Ivascu, Larisa; Pislaru, Marius	The Nexus of Corporate Affinity for Technology and Firm Sustainable Performance in the Era of Digitalization: A Mediated Model	SUSTAINABILITY	15	12	http://dx.doi.org/10.3390/su15129765	2023	20	WOS:001015514000001	View Full Record in Web of Science
340	Circioban, Denisa; Ledeti, Ionut; Vlase, Titus; Rusu, Gerlinde; Ledeti, Adriana; Vlase, Gabriela	Stability evaluation and kinetic study for the atypical antidepressant opipramol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	148	23	http://dx.doi.org/10.1007/s10973-023-12249-3	2023	11	WOS:000992745800008	View Full Record in Web of Science

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341	Daescu, Ana-Maria Cristina; Dehelean, Liana; Navolan, Dan-Bogdan; Gaitoane, Alexandru-Ioan; Daescu, Andrei; Stoian, Dana	Effects of Hormonal Profile, Weight, and Body Image on Sexual Function in Women with Polycystic Ovary Syndrome	HEALTHCARE	11	10	http://dx.doi.org/10.3390/healthcare11101488	2023	14	WOS:000996542700001	View Full Record in Web of Science
342	Silaghi, Andrei-Marius; Mir, Farzad; De Sabata, Aldo; Matekovits, Ladislau	Design and Experimental Validation of a Switchable Frequency Selective Surface with Incorporated Control Network	SENSORS	23	9	http://dx.doi.org/10.3390/s23094561	2023	16	WOS:000988076200001	View Full Record in Web of Science
343	Mitelea, Ion; Burca, Lucian Calin; Burca, Mircea; Craciunescu, Corneliu Marius; Utu, Ion-Dragos	Process parameters, structure and mechanical properties of dissimilar Nimonic 80 A/AISI 316 L resistance welded joints	MATERIALS TESTING	65	6	http://dx.doi.org/10.1515/mt-2022-0349	2023	13	WOS:000982626700001	View Full Record in Web of Science
344	Vaszcilesin, Cristian George; Putz, Mihai, V; Kellenberger, Andrea; Dan, Mircea Laurentiu	On the evaluation of metal-corrosion inhibitor interactions by adsorption isotherms	JOURNAL OF MOLECULAR STRUCTURE	1286		http://dx.doi.org/10.1016/j.molstruc.2023.135643	2023	8	WOS:000990983700001	View Full Record in Web of Science
345	Ordodi, Valentin L.; Hadaruga, Nicoleta G.; Hadaruga, Daniel I.; Lukinich-Gruia, Alexandra T.; Margineanu, Mihaela; Tatu, Calin A.; Paunescu, Virgil	Urine Metabolomic Signature of People Diagnosed with Balkan Endemic Nephropathy and Other Types of Chronic Kidney Disease Compared with Healthy Subjects in Romania	METABOLITES	13	5	http://dx.doi.org/10.3390/metabo13050609	2023	12	WOS:000996995500001	View Full Record in Web of Science
346	Daianu, D. M.	General criteria for hyperstability of Cauchy-type equations	AEQUATIONES MATHEMATICAE	97	4	http://dx.doi.org/10.1007/s00010-023-00954-1	2023	15	WOS:000969743800001	View Full Record in Web of Science
347	Szabo, Roland; Ricman, Radu-Stefan	A Genetic Algorithm-Controlled Solar Tracker Robot with Increased Precision Due to Evolution	MACHINES	11	4	http://dx.doi.org/10.3390/machines11040430	2023	16	WOS:000979329400001	View Full Record in Web of Science
348	Bonciog, Dumitru-Daniel; Lascu, Mihaela-Ruxandra; Matiu-Iovan, Liliana; Ordodi, Valentin Laurentiu	Automation and Optimization of Rat Heart Decellularization Using a Vibrating Fluid Column	SENSORS	23	8	http://dx.doi.org/10.3390/s23084045	2023	28	WOS:000979314000001	View Full Record in Web of Science
349	Ioncica, Maria-Cristina; Bandyopadhyay, Sulalit; Bali, Nesrine; Socoliuc, Vlad; Bernad, Sandor I.	Investigation of Cubic and Spherical IONPs' Rheological Characteristics and Aggregation Patterns from the Perspective of Magnetic Targeting	MAGNETOCHEMISTRY	9	4	http://dx.doi.org/10.3390/magnetochemistry9040099	2023	22	WOS:000982257500001	View Full Record in Web of Science
350	Bogdan, Razvan; Paliuc, Camelia; Crisan-Vida, Mihaela; Nimara, Sergiu; Barmayoun, Darius	Low-Cost Internet-of-Things Water-Quality Monitoring System for Rural Areas	SENSORS	23	8	http://dx.doi.org/10.3390/s23083919	2023	21	WOS:000979246000001	View Full Record in Web of Science
351	Hadaruga, Nicoleta G.; Popescu, Gabriela; Gligor (Pane), Dina; Mitroi, Cristina L.; Stanciu, Sorin M.; Hadaruga, Daniel Ioan	Discrimination of γ -cyclodextrin/hazelnut (Corylus avellana L.) oil/flavonoid glycoside and flavonolignan ternary complexes by Fourier-transform infrared spectroscopy coupled with principal component analysis	BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY	19		http://dx.doi.org/10.3762/bjoc.19.30	2023	19	WOS:000959917200001	View Full Record in Web of Science
352	Cernicova-Buca, Mariana; Gherhes, Vasile; Obrad, Ciprian	Residents' Satisfaction with Green Spaces and Daily Life in Small Urban Settings: Romanian Perspectives	LAND	12	3	http://dx.doi.org/10.3390/land12030689	2023	19	WOS:000957747900001	View Full Record in Web of Science
353	Szabo, Roland; Ricman, Radu-Stefan	Robotic Arm Position Computing Method in the 2D and 3D Spaces	ACTUATORS	12	3	http://dx.doi.org/10.3390/act12030112	2023	21	WOS:000956804000001	View Full Record in Web of Science
354	Tidrea, Alexandra; Korodi, Adrian; Silea, Ioan	Elliptic Curve Cryptography Considerations for Securing Automation and SCADA Systems	SENSORS	23	5	http://dx.doi.org/10.3390/s23052686	2023	19	WOS:000947645400001	View Full Record in Web of Science

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355	Singhwal, Sumer Singh; Matekovits, Ladislau; Kanauija, Binod Kumar	Glueless Multiple Input Multiple Output Dielectric Resonator Antenna with Improved Isolation	ELECTRONICS	12	5	http://dx.doi.org/10.3390/electronics12051125	2023	11	WOS:000948106200001	View Full Record in Web of Science
356	Forton, Andrei; Stirb, Adelin; Marc, Paul	Influence of Anti-Stripping Green Additives on Binder Performance	SUSTAINABILITY	15	5	http://dx.doi.org/10.3390/su15054560	2023	18	WOS:000948053000001	View Full Record in Web of Science
357	Shestopalov, Yury; Matekovits, Ladislau	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)	OPTICS EXPRESS	31	5	http://dx.doi.org/10.1364/OE.473217	2023	24	WOS:000944646800005	View Full Record in Web of Science
358	Belega, Daniel; Petri, Dario	Analysis of asymptotic and exact Cramer-Rao lower bounds on the parameters of a noisy periodic signals	DIGITAL SIGNAL PROCESSING	135		http://dx.doi.org/10.1016/j.dsp.2023.103961	2023	15	WOS:000948103200001	View Full Record in Web of Science
359	Lazau, Radu; Ianos, Robert; Pacurariu, Cornelia; Capraru, Diana Aylin; Racu, Andrei; Cornea, Vlad	Combustion Synthesis of SrAl2O4: Eu2+, Dy3+ Phosphorescent Pigments for Glow-in-the-Dark Safety Markings	NANOMATERIALS	13	4	http://dx.doi.org/10.3390/nano13040687	2023	13	WOS:000941796500001	View Full Record in Web of Science
360	Dimb, Alexandru-Lucian; Duma, Virgil-Florin	Symmetries of Scan Patterns of Laser Scanners with Rotational Risley Prisms	SYMMETRY-BASEL	15	2	http://dx.doi.org/10.3390/sym15020336	2023	24	WOS:000941972600001	View Full Record in Web of Science
361	Salagean-Mohora, Irina; Anghel, Anamaria Andreea; Frigura-Iliasa, Flaviu Mihai	Photogrammetry as a Digital Tool for Joining Heritage Documentation in Architectural Education and Professional Practice	BUILDINGS	13	2	http://dx.doi.org/10.3390/buildings13020319	2023	22	WOS:000938478100001	View Full Record in Web of Science
362	Baciu, Marian D.; Capota, Eugenia A.; Stangaciu, Cristina S.; Curiac, Daniel-Ioan; Micea, Mihai V.	Multi-Core Time-Triggered OCBP-Based Scheduling for Mixed Criticality Periodic Task Systems	SENSORS	23	4	http://dx.doi.org/10.3390/s23041960	2023	14	WOS:000941703000001	View Full Record in Web of Science
363	Kouhalvandi, Lida; Matekovits, Ladislau; Peter, Ildiko	Amplifiers in Biomedical Engineering: A Review from Application Perspectives	SENSORS	23	4	http://dx.doi.org/10.3390/s23042277	2023	21	WOS:000942067800001	View Full Record in Web of Science
364	Gheju, Marius; Balcu, Ionel	Effect of Sand Co-Presence on CrVI Removal in Fe0-H2O System	WATER	15	4	http://dx.doi.org/10.3390/w15040777	2023	19	WOS:000942001100001	View Full Record in Web of Science
365	Vancea, Cosmin; Mosoarca, Giannin; Popa, Simona; Dan, Mircea; Boran, Sorina	New Glass Ceramic Materials Obtained from Cathode Ray Tubes Glass Wastes and Fly Ash	SUSTAINABILITY	15	4	http://dx.doi.org/10.3390/su15043021	2023	14	WOS:000940059000001	View Full Record in Web of Science
366	Koch, Claudia; Dreava, Diana-Maria; Todea, Anamaria; Peter, Francisc; Medeleanu, Mihai; Pausescu, Iulia; Samoila, Corina; Sirbu, Ioan Ovidiu	Synthesis, Characterization, and Antiproliferative Properties of New Bio-Inspired Xanthylum Derivatives	MOLECULES	28	3	http://dx.doi.org/10.3390/molecules28031102	2023	16	WOS:000930390900001	View Full Record in Web of Science
367	Dumitru, Cristian-Dragos; Gligor, Adrian; Vlasa, Ilie; Simo, Attila; Dzitac, Simona	Energy Contour Forecasting Optimization with Smart Metering in Distribution Power Networks	SENSORS	23	3	http://dx.doi.org/10.3390/s23031490	2023	18	WOS:000930442300001	View Full Record in Web of Science
368	Sighencea, Bogdan Ilie; Stanciu, Ion Rares; Căleanu, Catalin Daniel	D-STGCN: Dynamic Pedestrian Trajectory Prediction Using Spatio-Temporal Graph Convolutional Networks	ELECTRONICS	12	3	http://dx.doi.org/10.3390/electronics12030611	2023	15	WOS:000933823000001	View Full Record in Web of Science
369	Bengescu, Cosmina; Ledeti, Adriana; Olariu, Tudor; Circioban, Denisa; Muntean, Cornelia; Vlase, Gabriela; Vlase, Titus; Tomoroga, Carmen; Dragomirescu, Anca Octavia; Dascalu, Daniela; Suta, Lenuta-Maria; Ledeti, Ionut; Murariu, Marius	Instrumental investigations of promestriene: first report regarding the solid-state characterization and compatibility with pharmaceutical excipients	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	148	10	http://dx.doi.org/10.1007/s10973-023-11942-7	2023	9	WOS:000918193100002	View Full Record in Web of Science

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370	Avram, Mihaela Flavia; Lazar, Daniela Cornelia; Maris, Mihaela Ioana; Olariu, Sorin	Artificial intelligence in improving the outcome of surgical treatment in colorectal cancer	FRONTIERS IN ONCOLOGY	13		http://dx.doi.org/10.3389/fonc.2023.1116761	2023	7	WOS:000921925900001	View Full Record in Web of Science
371	Hao, Qiaohong; Zhao, Qi; Sbert, Mateu; Feng, Qinghe; Ancuti, Cosmin; Feixas, Miquel; Vila, Marius; Zhang, Jiawan	Information-Theoretic Channel for Multi-exposure Image Fusion	COMPUTER JOURNAL	66	1	http://dx.doi.org/10.1093/comjnl/bxab148	2023	14	WOS:000917193600009	View Full Record in Web of Science
372	Marsavina, Liviu; Sabora, Alberto; Susmel, Luca; Taylor, David	The application of the Theory of Critical Distances to nonhomogeneous materials	FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES	46	4	http://dx.doi.org/10.1111/ffe.13922	2023	16	WOS:000911045100001	View Full Record in Web of Science
373	Bulei, Ciprian; Kiss, Imre; Todor, Mihai-Paul	The Chemical Composition of Post-Consumer Aluminium Scrap - A Challenge in Aluminium Recycling	ACTA POLYTECHNICA HUNGARICA	20	9	http://dx.doi.org/10.1270/0/APH.20.9.2023.9.4	2023	14	WOS:001150573700004	View Full Record in Web of Science
374	Gal-Nadasan, Emanuela-Georgiana; Popescu, Irina-Maria; Baditoiu, Luminita Mirela; Gal-Nadasan, Norbert; Cioca, Flavius; Popovici, Emilian Damian; Dinu, Anca-Raluca; Horhat, Florin George; Margan, Madalin-Marius; Vulcanescu, Dan Dumitru; Anghel, Andrei; Marian, Catalin; Capraru, Ionut Dragos	Healthcare Workers' Vulnerability to SARS-CoV-2 in Western Romania: A Study on Incidence and Risk Factors for Non-Vaccination and Reinfection	INTERNATIONAL JOURNAL OF GENERAL MEDICINE	16		http://dx.doi.org/10.2147/IJGM.S442098	2023	12	WOS:001113581000001	View Full Record in Web of Science
375	Orasan, Ioan Lucan; Bublea, Adrian-Ioan; Căleanu, Catalin Daniel	Deep Learning-Based Eye Gaze Estimation for Automotive Applications Using Knowledge Distillation	IEEE ACCESS	11		http://dx.doi.org/10.1109/ACCESS.2023.3325134	2023	13	WOS:001100952000001	View Full Record in Web of Science
376	Fakhte, Saeed; Matekovits, Ladislau	Enhancing the Radiation Pattern of Circularly Polarized Dielectric Rod Antenna Using Planar Excitation Method	IEEE ACCESS	11		http://dx.doi.org/10.1109/ACCESS.2023.3328959	2023	13	WOS:001104527200001	View Full Record in Web of Science
377	Molin, Andy; Ravis, Andrei Mario; Marinescu, Radu	Assessing the Real Impact of Open-Source Components in Software Systems	IEEE ACCESS	11		http://dx.doi.org/10.1109/ACCESS.2023.3322362	2023	12	WOS:001090492900001	View Full Record in Web of Science
378	Orhei, Ciprian; Vasiu, Radu	An Analysis of Extended and Dilated Filters in Sharpening Algorithms	IEEE ACCESS	11		http://dx.doi.org/10.1109/ACCESS.2023.3301453	2023	17	WOS:001045242900001	View Full Record in Web of Science
379	Ali, Usman; Ullah, Sadiq; Basir, Abdul; Kamal, Babar; Matekovits, Ladislau; Yoo, Hyoungsuk	Design and SAR Analysis of AMC-Based Fabric Antenna for Body-Centric Communication	IEEE ACCESS	11		http://dx.doi.org/10.1109/ACCESS.2023.3295993	2023	18	WOS:001038307400001	View Full Record in Web of Science
380	Popov, Dusan	NEW CONTRIBUTIONS ON THE COHERENT STATES OF THE MEIXNER OSCILLATOR	ROMANIAN REPORTS IN PHYSICS	75	2		2023	20	WOS:001023561900011	View Full Record in Web of Science
381	Pozna, Claudiu; Precup, Radu-Emil	On the Use of Quaternions, in the Translated Reference Frame Formalism	ACTA POLYTECHNICA HUNGARICA	20	6		2023	20	WOS:001000120500011	View Full Record in Web of Science
382	Shah, Wasi Ul Hassan; Yasmeen, Rizwana; Sarfraz, Muddassar; Ivascu, Larisa	The Repercussions of Economic Growth, Industrialization, Foreign Direct Investment, and Technology on Municipal Solid Waste: Evidence from OECD Economies	SUSTAINABILITY	15	1	http://dx.doi.org/10.3390/su15010836	2023	14	WOS:000908754600001	View Full Record in Web of Science
383	Curiac, Christian-Daniel; Micea, Mihai V.	Identifying Hot Information Security Topics Using LDA and Multivariate Mann-Kendall Test	IEEE ACCESS	11		http://dx.doi.org/10.1109/ACCESS.2023.3247588	2023	11	WOS:000942263400001	View Full Record in Web of Science
384	Vencel, Aleksandar; Svoboda, Petr; Klancnik, Simon; But, Adrian; Vorkapic, Milos; Hamcarova, Marta; Stojanovic, Blaza	Influence of Al2O3 Nanoparticles Addition in ZA-27 Alloy-Based Nanocomposites and Soft Computing Prediction	LUBRICANTS	11	1	http://dx.doi.org/10.3390/lubricants11010024	2023	13	WOS:000917744500001	View Full Record in Web of Science

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385	Ali, Usman; Ullah, Sadiq; Kamal, Babar; Matekovits, Ladislau; Altaf, Amir	Design, Analysis and Applications of Wearable Antennas: A Review	IEEE ACCESS	11		http://dx.doi.org/10.1109/ACCESS.2023.3243292	2023	29	WOS:000938014900001	View Full Record in Web of Science
386	Ciurdariu, Loredana; Grecu, Eugenia	Post-Quantum Integral Inequalities for Three-Times (p, q)-Differentiable Functions	SYMMETRY-BASEL	15	1	http://dx.doi.org/10.3390/sym15010246	2023	13	WOS:000931402600001	View Full Record in Web of Science
387	Barbulescu, Corneliu; Caiman, Dadiana-Valeria; Nanu, Sorin; Dragomir, Toma-Leonida	Implementation of Parameter Observer for Capacitors	SENSORS	23	2	http://dx.doi.org/10.3390/s23020948	2023	19	WOS:000927023800001	View Full Record in Web of Science
388	Raza, Mohsin; Khalid, Rimsha; Ivascu, Larisa; Kasuma, Jati	Education Beats at the Heart of the Sustainability in Thailand: The Role of Institutional Awareness, Image, Experience, and Student Volunteer Behavior	SUSTAINABILITY	15	2	http://dx.doi.org/10.3390/su15020918	2023	16	WOS:000916236700001	View Full Record in Web of Science
389	Cristian, Antonio Andrei; Ungureanu, Viorel	Parametric Study on Built-Up Cold-Formed Steel Beams with Web Openings Connected by Spot Welding	BUILDINGS	13	1	http://dx.doi.org/10.3390/buildings13010237	2023	24	WOS:000914998300001	View Full Record in Web of Science
390	Negrut, Mircea Liviu; Mutiu, Adriana; Mihartescu, Ana-Andreea	Insights on the Performance of Public Procurement for Water Utilities Works	SUSTAINABILITY	15	1	http://dx.doi.org/10.3390/su15010155	2023	25	WOS:000908889300001	View Full Record in Web of Science
391	Ene, Remus-Daniel; Pop, Nicolina; Badarau, Rodica	Semi-Analytical Solutions for the Qi-Type Dynamical System	SYMMETRY-BASEL	16	12	http://dx.doi.org/10.3390/sym16121578	2024	30	WOS:001387690600001	View Full Record in Web of Science
392	Craciun, Narcis-Gratian; Tulcan, Elida-Gabriela; Oarcea, Alexandru; Ciapa, Cristian; Lovasz, Erwin-Christian	Wrist Exoskeleton Actuated by a 2-RRU-U Parallel Manipulator	MACHINES	12	12	http://dx.doi.org/10.3390/machines12120945	2024	18	WOS:001384618700001	View Full Record in Web of Science
393	Mitelea, Ion; Bordeasu, Ilare; Cosma, Daniela; Buzdugan, Dragos; Craciunescu, Corneliu Marius; Utu, Ion Dragos	Assessment of Corrosion and Cavitation Resistance of Laser Remelted GX40CrNiSi25-20 Cast Stainless Steel	MATERIALS	17	24	http://dx.doi.org/10.3390/ma17246278	2024	21	WOS:001384918000001	View Full Record in Web of Science
394	Milos, Emilia; Cochechi, Laura; Popa, Adriana; Lupa, Lavinia; Filimon, Anca	Hybrid Materials-Mg3Al-LDH/Ionic Liquids/Chitosan Used in the Recovery Process of Pd Ions from Aqueous Solutions	MOLECULES	29	24	http://dx.doi.org/10.3390/molecules29246001	2024	22	WOS:001384752900001	View Full Record in Web of Science
395	Nichita, Ileana; Lupa, Lavinia; Visa, Aurelia; Dragan, Ecaterina-Stela; Dinu, Maria Valentina; Popa, Adriana	Chemical Modification of Acrylonitrile-Divinylbenzene Polymer Supports with Aminophosphonate Groups and Their Antibacterial Activity Testing	MOLECULES	29	24	http://dx.doi.org/10.3390/molecules29246054	2024	16	WOS:001384634200001	View Full Record in Web of Science
396	Jurj, Sorin Liviu	PySpice-Simulated In Situ Learning with Memristor Emulation for Single-Layer Spiking Neural Networks	ELECTRONICS	13	23	http://dx.doi.org/10.3390/electronics13234665	2024	32	WOS:001377756200001	View Full Record in Web of Science
397	Garban, Zeno; Ilia, Gheorghe	Structure-Activity of Plant Growth Bioregulators and Their Effects on Mammals	MOLECULES	29	23	http://dx.doi.org/10.3390/molecules29235671	2024	20	WOS:001376459600001	View Full Record in Web of Science
398	Ivan, Alexandra; Lukinich-Gruia, Alexandra Teodora; Cristea, Iustina-Mirabela; Pricop, Maria-Alexandra; Calma, Crenguta Livia; Simina, Alina-Georgiana; Tatu, Calin Adrian; Galuscan, Atena; Paunescu, Virgil	Quercetin and Mesenchymal Stem Cell Metabolism: A Comparative Analysis of Young and Senescent States	MOLECULES	29	23	http://dx.doi.org/10.3390/molecules29235755	2024	17	WOS:001376440400001	View Full Record in Web of Science
399	Ledeti, Adriana; Baul, Bianca; Ridichie, Amalia; Ivan, Denisa; Vlase, Titus; Tomoroga, Carmen; Dragomirescu, Anca; Vlase, Gabriela; Bertici, Razvan Adrian; Man, Dana Emilia; Ledeti, Ionut	Thermooxidation of Four Sartans: Kinetic Analysis Based on Thermo-Gravimetric Data	MOLECULES	29	23	http://dx.doi.org/10.3390/molecules29235527	2024	18	WOS:001376369000001	View Full Record in Web of Science

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400	Gaina, Lucian; Stangaci, Cristina Sorina; Stancu, Daniela; Gusita, Bianca; Micea, Mihai Victor	Unidirectional Communications in Secure IoT Systems-A Survey	SENSORS	24	23	http://dx.doi.org/10.3390/s24237528	2024	28	WOS:001377712700001	View Full Record in Web of Science
401	Popescu, Ioana; Teau, Camelia; Moiescu-Ciocan, Cristian; Florescu, Constantin; Adam, Relu; Constantin, Albert Titus	Evaluating the Sustainability of Longtime Operating Infrastructure for Romanian Flood Risk Protection	SUSTAINABILITY	16	23	http://dx.doi.org/10.3390/su162310573	2024	19	WOS:001377752400001	View Full Record in Web of Science
402	Ciocarlie, Loredana; Negrea, Adina; Ciopec, Mihaela; Duteanu, Narcis; Negrea, Petru; Svera (m Ianasi), Paula; Ianasi, Catalin	Adsorption Performances and Mechanisms of MgFe2O4 Spinel Toward Gallium (III) from Aqueous Solution	MATERIALS	17	23	http://dx.doi.org/10.3390/ma17235740	2024	23	WOS:001377216100001	View Full Record in Web of Science
403	Florian, Crisan Alexandru; Corina, Pescaru Camelia; Adelina, Maritescu; Vlad, Carunta; Ramona, Onofrei Roxana; Emil Robert, Stoicescu; Cristian, Oancea	Dual-task performance and balance in patients with severe COPD: a cross-sectional study	THERAPEUTIC ADVANCES IN RESPIRATORY DISEASE	18		http://dx.doi.org/10.1177/17534666241287302	2024	14	WOS:001375479800001	View Full Record in Web of Science
404	Caiman, Dadiana-Valeria; Barbulescu, Corneliu; Nanu, Sorin; Dragomir, Toma-Leonida	DC-DC Buck Converters with Quasi-Online Estimation of Filter Capacitor Equivalent Parameters	APPLIED SCIENCES-BASEL	14	22	http://dx.doi.org/10.3390/app142210756	2024	20	WOS:001366751800001	View Full Record in Web of Science
405	Herisanu, Nicolae; Marinca, Bogdan; Marinca, Vasile	Nonlinear Dynamics of an Electromagnetically Actuated Cantilever Beam Under Harmonic External Excitation	APPLIED SCIENCES-BASEL	14	22	http://dx.doi.org/10.3390/app142210335	2024	21	WOS:001366684400001	View Full Record in Web of Science
406	Essler, Julian; Woelk, Dino; Utu, Ion-Dragos; Marginean, Gabriela	Impact of hBN Content on the Tribological Behavior and Thermal Diffusivity of HVOF-Sprayed Cr3C2-NiCr Coatings	MATERIALS	17	22	http://dx.doi.org/10.3390/ma17225470	2024	14	WOS:001366439300001	View Full Record in Web of Science
407	Filimon, Anca; Serbezeanu, Diana; Rusu, Daniela; Bargan, Alexandra; Lupa, Lavinia	Design of High-Performance Electrospun Membranes for Protective Clothing Applications	MEMBRANES	14	11	http://dx.doi.org/10.3390/membranes14110244	2024	20	WOS:001365621500001	View Full Record in Web of Science
408	Stoicescu, Emil Robert; Ghenciu, Laura Andreea; Iacob, Roxana; Ardelean, Adina Iuliana; Daescu, Ecaterina; Hategan, Ovidiu Alin; Manolescu, Diana; Tudorache, Emanuela; Boru, Casiana; Dima, Mirabela	CMV Retinitis in the Context of SARS-CoV-2 Infection: A Case Study and Comprehensive Review of Viral Interactions	PATHOGENS	13	11	http://dx.doi.org/10.3390/pathogens13110938	2024	22	WOS:001365873600001	View Full Record in Web of Science
409	Nicolaescu, Mircea; Ambrus, Sebastian; Hididis, Petru; Morariu (Popescu), Mina; Hulka, Iosif; Orha, Corina; Lazau, Carmen; Codrean, Cosmin; Bandas, Cornelia	In Situ Synthesis of NPC-Cu2O/CuO/rGO Composite via Dealloying and Microwave-Assisted Hydrothermal Technique	CRYSTALS	14	11	http://dx.doi.org/10.3390/cryst14110968	2024	17	WOS:001364144500001	View Full Record in Web of Science
410	Srivastava, Gunjan; Mohan, Akhilesh; Kanaujia, Binod Kumar; Matekovits, Ladislau	Compact Self-Octaplexing Circular EMSIW Antenna for Sub-6 GHz Communication Systems	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3479419	2024	9	WOS:001346082700001	View Full Record in Web of Science
411	Iacob, Roxana; Manolescu, Diana; Stoicescu, Emil Robert; Cerbu, Simona; Bardan, Razvan; Ghenciu, Laura Andreea; Cumpanas, Alin	The Diagnostic Value of bpMRI in Prostate Cancer: Benefits and Limitations Compared to mpMRI	BIOENGINEERING-BASEL	11	10	http://dx.doi.org/10.3390/bioengineering11101006	2024	14	WOS:001341854600001	View Full Record in Web of Science
412	Panoiu, Caius; Militaru, Gabriel; Panoiu, Manuela	Real-Time Video Processing for Measuring Zigzag Length of Pantograph-Catenary Systems Based on GPS Correlation	APPLIED SCIENCES-BASEL	14	20	http://dx.doi.org/10.3390/app14209252	2024	26	WOS:001341810900001	View Full Record in Web of Science

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413	Mitelea, Ion; Bordeasu, Ilare; Mutascu, Daniel; Craciunescu, Corneliu Marius; Utu, Ion Dragos	Surface Integrity of Austenitic Manganese Alloys Hard Layers after Cavitation Erosion	LUBRICANTS	12	10	http://dx.doi.org/10.3390/lubricants12100330	2024	18	WOS:001342441100001	View Full Record in Web of Science
414	Anton, Alin-Adrian; Csereoka, Petra; Capota, Eugenia Ana; Cioarga, Razvan-Dorel	Enhancing Syslog Message Security and Reliability over Unidirectional Fiber Optics	SENSORS	24	20	http://dx.doi.org/10.3390/s24206537	2024	25	WOS:001341525700001	View Full Record in Web of Science
415	Ionascu, Marian-Emanuel; Marcu, Marius; Bogdan, Razvan; Darie, Marius	Calibration of NO, SO ₂ , and PM using Airify: A low-cost sensor cluster for air quality monitoring	ATMOSPHERIC ENVIRONMENT	339		http://dx.doi.org/10.1016/j.atmosenv.2024.120841	2024	12	WOS:001343585000001	View Full Record in Web of Science
416	Rana, Sandeep; Kumar, Amit; Mohan, Akhilesh; Kumar Kanaujia, Binod; Matekovits, Ladislau	A Planar Wideband Antenna for Full Duplex Communication With Significant Peak Gain	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3478803	2024	7	WOS:001340666300001	View Full Record in Web of Science
417	Gavrilovic, Tamara; Despotovic, Vladimir; Zot, Madalina-Ileana; Trumic, Maja S.	Prediction of Flotation Deinking Performance: A Comparative Analysis of Machine Learning Techniques	APPLIED SCIENCES-BASEL	14	19	http://dx.doi.org/10.3390/app14198990	2024	14	WOS:001334290300001	View Full Record in Web of Science
418	Groza, Claudiu; Dumitru-Cristian, Apostol; Marcu, Marius; Bogdan, Razvan	A Developer-Oriented Framework for Assessing Power Consumption in Mobile Applications: Android Energy Smells Case Study	SENSORS	24	19	http://dx.doi.org/10.3390/s24196469	2024	15	WOS:001332811300001	View Full Record in Web of Science
419	Benis, Arriel; Grosjean, Julien; Disson, Flavien; Crisan-Vida, Mihaela; Weber, Patrick; Stoicu-Tivadar, Lacramioara; Staccini, Pascal; Darmoni, Stefan J.	Empowering healthcare education: A multilingual ontology for medical informatics and digital health (MIMO) integrated to artificial intelligence powered training in smart hospitals	HEALTH INFORMATICS JOURNAL	30	4	http://dx.doi.org/10.1177/14604582241287010	2024	13	WOS:001327096700001	View Full Record in Web of Science
420	Jurj, Sorin Liviu	Efficient Implementation of Spiking Neural Networks for Inference Using Ex-Situ Training	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3462606	2024	14	WOS:001327331000001	View Full Record in Web of Science
421	Cirdei, Mihaela-Valentina; Margan, Madalin-Marius; Margan, Roxana; Ban-Cucerzan, Alexandra; Petre, Ion; Hulka, Iosif; Horhat, Razvan Mihai; Todea, Darinca Carmen	Surface and Mineral Changes of Primary Enamel after Laser Diode Irradiation and Application of Remineralization Agents: A Comparative In Vitro Study	CHILDREN-BASEL	11	9	http://dx.doi.org/10.3390/children11091069	2024	22	WOS:001323786400001	View Full Record in Web of Science
422	Ungureanu, Stefania; Ciocan, Veronica; Muresan, Camelia-Oana; Stan, Emanuela; Gavrilita, Georgiana-Denisa; Sirmon, Alexandra; Pop, Cristian; Enache, Alexandra	Road Fatalities in Children Aged 0-17: Epidemiological Data and Forensic Aspects on a Series of Cases in a Single-Centre in Romania	CHILDREN-BASEL	11	9	http://dx.doi.org/10.3390/children11091065	2024	20	WOS:001323986200001	View Full Record in Web of Science
423	Ene, Anna; Stratan, Aurel; Both, Ioan	Behaviour of Dissimilar Welded Connections of Mild Carbon (S235), Stainless (1.4404), and High-Strength (S690) Steels under Monotonic and Cyclic Loading	METALS	14	9	http://dx.doi.org/10.3390/met14090989	2024	14	WOS:001323642600001	View Full Record in Web of Science
424	Lukinich-Gruia, Alexandra T.; Calma, Crenguta L.; Szekeley, Flavia A. E.; Cristea, Iustina-Mirabela; Pricop, Maria-Alexandra; Simina, Alina-Georgiana; Ordodi, Valentin L.; Pavlovic, Nikola M.; Tatu, Calin A.; Paunescu, Virgil	Mitochondrial Dysfunction in Aristolochic Acid I-Induced Kidney Diseases: What We Know and What We Do Not Know	APPLIED SCIENCES-BASEL	14	17	http://dx.doi.org/10.3390/app14177961	2024	15	WOS:001311121100001	View Full Record in Web of Science

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425	Cosma, Daniela; Mitelea, Ion; Bordeasu, Ilare; Utu, Ion Dragos; Craciunescu, Corneliu Marius	Ultrasonic Cavitation Erosion Behavior of GX40CrNiSi25-20 Cast Stainless Steel through Yb-YAG Surface Remelting	MATERIALS	17	17	http://dx.doi.org/10.3390/ma17174180	2024	21	WOS:001311202400001	View Full Record in Web of Science
426	Vizitiu, Robert Stefan; Vizitiu, Stefanica Eliza; Burlacu, Andrei; Abid, Cherifa; Balan, Marius Costel; Kaba, Nicoleta Elena	Experimental Investigation of a Water-Air Heat Recovery System	SUSTAINABILITY	16	17	http://dx.doi.org/10.3390/su16177686	2024	11	WOS:001311825500001	View Full Record in Web of Science
427	Tamas, Andra; Bitean, Ioan; Nitu, Sabina; Paul, Cristina; Benea, Ioana Cristina; Rusu, Gerlinde Iuliana; Perot, Elline; Peter, Francisc; Todea, Anamaria	Novel Aromatic Estolide Esters from Biobased Resources by a Green Synthetic Approach	APPLIED SCIENCES-BASEL	14	17	http://dx.doi.org/10.3390/app14177832	2024	18	WOS:001310974900001	View Full Record in Web of Science
428	Korodi, Adrian; Niulescu, Ioana-Victoria; Fulop, Adriana-Anamaria; Vesa, Vlad-Cristian; Demian, Petru; Braneci, Robert-Adelin; Popescu, Daniel	Integration of Legacy Industrial Equipment in a Building-Management System Industry 5.0 Scenario	ELECTRONICS	13	16	http://dx.doi.org/10.3390/electronics13163229	2024	19	WOS:001305089200001	View Full Record in Web of Science
429	Litu, Loredana; Buema, Gabriela; Mosoarca, Giannin; Harja, Maria	Copper Ion Removal by Adsorption Using Fly Ash-Based Geopolymers: Process Optimization Insights from Taguchi and ANOVA Statistical Methods	MATERIALS	17	16	http://dx.doi.org/10.3390/ma17163992	2024	20	WOS:001305295100001	View Full Record in Web of Science
430	Herisanu, Nicolae; Marinca, Bogdan; Marinca, Vasile	Dynamic Analysis of a Uniform Microbeam Resting on a Nonlinear Foundation Considering Its Curvature Subjected to a Mechanical Impact and Electromagnetic Actuation	MICROMACHINES	15	8	http://dx.doi.org/10.3390/mi15080969	2024	16	WOS:001305226100001	View Full Record in Web of Science
431	Ghenciu, Laura Andreea; Hategan, Ovidiu Alin; Bolintineanu, Sorin Lucian; Danila, Alexandra-Ioana; Iacob, Roxana; Stoicescu, Emil Robert; Lupu, Maria Alina; Olariu, Tudor Rares	Human Ocular Toxoplasmosis in Romania: History, Epidemiology, and Public Health: A Narrative Review	MICROORGANISMS	12	8	http://dx.doi.org/10.3390/microorganisms12081541	2024	12	WOS:001307369300001	View Full Record in Web of Science
432	Gherhes, Vasile; Dragomir, Gabriel-Mugurel; Cernicova-Buca, Mariana; Palea, Adina	Enhancing Sustainability in University Campuses: A Study on Solid Waste Generation and Disposal Practices among Students in Politehnica University Timisoara, Romania	SUSTAINABILITY	16	16	http://dx.doi.org/10.3390/su16166866	2024	28	WOS:001307612700001	View Full Record in Web of Science
433	Sibisanu, Remus; Cseminski, Stanislav; Ionica, Andreea; Leba, Monica; Draghici, Anca; Nassar, Yunis	Investigating School Principals' Burnout: A Cross-Cultural Perspective on Stress, Sustainability, and Organizational Climate	SUSTAINABILITY	16	16	http://dx.doi.org/10.3390/su16167016	2024	17	WOS:001307574800001	View Full Record in Web of Science
434	Ardelean, Sebastian Mihai; Udrescu, Mihai; Stangaciu, Valentin	Easy to integrate API for accessing true random numbers generated with IDQ's Quantis Appliance	SOFTWAREX	27		http://dx.doi.org/10.1016/j.softx.2024.101841	2024	7	WOS:001290073300001	View Full Record in Web of Science
435	Ali, Usman; Ullah, Sadiq; Basir, Abdul; Yan, Sen; Ren, Hongwei; Kamal, Babar; Matekovits, Ladislau	Design and performance investigation of metamaterial-inspired dual band antenna for WBAN applications	PLOS ONE	19	8	http://dx.doi.org/10.1371/journal.pone.0306737	2024	34	WOS:001288771300059	View Full Record in Web of Science
436	Artene, Alin Emanuel; Domil, Aura Emanuela; Ivascu, Larisa	Unlocking Business Value: Integrating AI-Driven Decision-Making in Financial Reporting Systems	ELECTRONICS	13	15	http://dx.doi.org/10.3390/electronics13153069	2024	18	WOS:001286965200001	View Full Record in Web of Science

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437	Avram, Sebastian; VasIU, Radu	Optimal Passive Power Line Communication Filter for NB-PLC Applications	ELECTRONICS	13	15	http://dx.doi.org/10.3390/electronics13152920	2024	20	WOS:001287147700001	View Full Record in Web of Science
438	Sharma, Deepti; Tiwari, Rakesh N.; Kumar, Sachin; Sharma, Satyendra; Matekovits, Ladislau	A Compact Wearable Textile Antenna for NB-IoT and ISM Band Patient Tracking Applications	SENSORS	24	15	http://dx.doi.org/10.3390/s24155077	2024	18	WOS:001287161900001	View Full Record in Web of Science
439	Tucudean, Georgiana; Bucos, Marian; Dragulescu, Bogdan; Căleanu, Catalin Daniel	Natural language processing with transformers: a review	PEERJ COMPUTER SCIENCE	10		http://dx.doi.org/10.7717/peerj-cs.2222	2024	22	WOS:001286552800004	View Full Record in Web of Science
440	Ardelean, Sebastian Mihai; Udrescu, Mihai	Hybrid quantum search with genetic algorithm optimization	PEERJ COMPUTER SCIENCE	10		http://dx.doi.org/10.7717/peerj-cs.2210	2024	27	WOS:001284183400001	View Full Record in Web of Science
441	Cioroaga, Bogdan-Dorel; Socalici, Ana Virginia; Cioata, Vasile George; Linul, Emanoil; Hulka, Iosif; Anghel, Iasmina-Madalina	Influence of Submerged Arc Welding Current Intensity on the Mechanical Properties and Microstructure of Pressure Vessel P355N Steel	MATERIALS	17	14	http://dx.doi.org/10.3390/ma17143520	2024	22	WOS:001281622800001	View Full Record in Web of Science
442	Morariu (Popescu), Mina-Ionela; Nicolaescu, Mircea; Hulka, Iosif; Duteanu, Marcis; Orha, Corina; Lazau, Carmen; Bandas, Cornelia	Fabrication of Cu ₂ O/CuO Nanowires by One-Step Thermal Oxidation of Flexible Copper Mesh for Supercapacitor Applications	BATTERIES-BASEL	10	7	http://dx.doi.org/10.3390/batteries10070246	2024	18	WOS:001278222000001	View Full Record in Web of Science
443	Munteanu, Ioana-Roxana; Luca, Ruxandra-Elena; Hoge, Elena; Erdelyi, Ralph-Alexandru; Duma, Virgil-Florin; Marsavina, Liviu; Globasu, Amelia-Larisa; Constantin, George-Dumitru; Todea, Darinca Carmen	Microbiological and Imaging-Based Evaluations of Photodynamic Therapy Combined with Er:YAG Laser Therapy in the In Vitro Decontamination of Titanium and Zirconia Surfaces	MICROORGANISMS	12	7	http://dx.doi.org/10.3390/microorganisms12071345	2024	31	WOS:001278398900001	View Full Record in Web of Science
444	Mirzadeh, Somayeh; Barsam, Hasan; Ciurdariu, Loredana	Characterizations of minimal elements of upper support with applications in minimizing DC functions	OPEN MATHEMATICS	22	1	http://dx.doi.org/10.1515/math-2024-0030	2024	11	WOS:001277811600001	View Full Record in Web of Science
445	Alshehry, Azzh Saad; Ciurdariu, Loredana; Saber, Yaser; Soliman, Amal F.	Some New Estimations of Left and Right Interval Fractional Pachpatte's Type Integral Inequalities via Rectangle Plane	AXIOMS	13	7	http://dx.doi.org/10.3390/axioms13070417	2024	25	WOS:001276635900001	View Full Record in Web of Science
446	Bernad, Sandor I.; Bunge, Alexander; Ioncica, Maria C.; Turcu, Rodica; Dan, Monica; Socoliuc, Vlad; Susan-Resiga, Daniela; Bernad, Elena S.	Impact of the Different Molecular Weights of Polyethylene Glycol (PEG) Coating Agents on the Magnetic Targeting Characteristics of Functionalized Magnetoresponsive Nanoclusters	MAGNETOCHEMISTRY	10	7	http://dx.doi.org/10.3390/magnetochemistry10070051	2024	33	WOS:001277444700001	View Full Record in Web of Science
447	Ene, Remus-Daniel; Pop, Nicolina	Closed-Form Solutions for Kermack-McKendrick Dynamical System	SYMMETRY-BASEL	16	7	http://dx.doi.org/10.3390/sym16070889	2024	25	WOS:001277312500001	View Full Record in Web of Science
448	Alshehry, Azzh Saad; Ciurdariu, Loredana; Saber, Yaser; Soliman, Amal F.	Some New Estimations of Ostrowski-Type Inequalities for Harmonic Fuzzy Number Convexity via Gamma, Beta and Hypergeometric Functions	AXIOMS	13	7	http://dx.doi.org/10.3390/axioms13070455	2024	17	WOS:001276705000001	View Full Record in Web of Science
449	Hulka, Iosif; Mirza-Rosca, Julia C.; Săceleanu, Adriana; Utu, Ion-Dragos	Microstructure, Hardness and EIS Evaluation of Ti-15Zr-5Nb Dental Alloy	CRYSTALS	14	7	http://dx.doi.org/10.3390/cryst14070602	2024	11	WOS:001276747600001	View Full Record in Web of Science
450	Korodi, Adrian; Nicolae, Andrei; Brisc, Dragos; Draghici, Ionel; Corui, Adrian	Long Short-Term Memory-Based Prediction Solution Inside a Decentralized Proactive Historian for Water Industry 4.0	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3428866	2024	11	WOS:001276347500001	View Full Record in Web of Science

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451	Susan-Resiga, Daniela; Socoliuc, Vlad-Mircea; Borbath, Istvan; Borbath, Tuende; Tripon, Septimiu Casian; Balanean, Florica; Vekas, Ladislau	High magnetization composite magnetic fluid: structure, magnetorheology and new sealing mechanism in rotating seals	SOFT MATTER	20	31	http://dx.doi.org/10.1039/d3sm01693e	2024	17	WOS:001274885400001	View Full Record in Web of Science
452	Buzatu, Alina Ramona; Soler, Miguel Angel; Ozkilinc, Ozge; Fortuna, Sara; Dreava, Diana Maria; Bitcan, Ioan; Giannozzi, Paolo; Fogolari, Federico; Gardossi, Lucia; Peter, Francisc; Todea, Anamaria; Boeriu, Carmen Gabriela	Lipase-catalysed esterification in a reactive natural deep eutectic solvent leads to lauroylcholine chloride rather than glucose ester	REACTION CHEMISTRY & ENGINEERING	9	10	http://dx.doi.org/10.1039/d4re00209a	2024	12	WOS:001274856600001	View Full Record in Web of Science
453	Lazureanu, Cristian	The Cusp Bifurcation of a Jerk System	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS	34	10	http://dx.doi.org/10.1142/S0218127424501268	2024	7	WOS:001272895900002	View Full Record in Web of Science
454	Bocan, Dragos; Bocan, Catalina; Keller, Alexandra; Gruin, Aurelian	Analysis of Thermal Rehabilitation and Seismic Strengthening Solutions Suitable for Heritage Structures	SUSTAINABILITY	16	13	http://dx.doi.org/10.3390/su16135369	2024	16	WOS:001269917400001	View Full Record in Web of Science
455	Forton, Andrei; Ciutina, Adrian; Stirb, Adelin; Marc, Paul; Costescu, Ciprian; Ciopec, Alexandra	Evaluation of Bio-Rejuvenator and Compaction Conditions on Stiffness Modulus and Indirect Tensile Strength of Recycled Hot Mix Asphalt	MATERIALS	17	13	http://dx.doi.org/10.3390/ma17133081	2024	24	WOS:001269263800001	View Full Record in Web of Science
456	Blaga, Robert; Mares, Oana; Paulescu, Eugenia; Boata, Remus; Sabadus, Andreea; Hategan, Sergiu-Mihai; Calinoiu, Delia; Stefu, Nicoleta; Paulescu, Marius	Diffuse fraction as a tool for exploring the sensitivity of parametric clear-sky models to changing aerosol conditions	SOLAR ENERGY	277		http://dx.doi.org/10.1016/j.solener.2024.112731	2024	10	WOS:001266456200001	View Full Record in Web of Science
457	Belega, Daniel; Petri, Dario	Frequency and damping factor estimation of real-valued damped sinusoids by means of an improved two-point Interpolated DFT algorithm	DIGITAL SIGNAL PROCESSING	153		http://dx.doi.org/10.1016/j.dsp.2024.104640	2024	16	WOS:001261844500001	View Full Record in Web of Science
458	Sarau, Oana Silvana; Moaca, Elena-Alina; Semenescu, Alexandra-Denisa; Dumitru, Raluca; Jijie, Alex-Robert; Poenaru, Marioara; Dehelean, Cristina-Adriana; Cheveresan, Adelina	Physicochemical and Toxicological Screening of Silver Nanoparticle Biosynthesis from Punica granatum Peel Extract	INORGANICS	12	6	http://dx.doi.org/10.3390/inorganics12060160	2024	25	WOS:001257476400001	View Full Record in Web of Science
459	Hulka, Iosif; Utu, Ion-Dragos; Brito-Garcia, Santiago; Verdu-Vazquez, Amparo; Mirza-Rosca, Julia C.	Electrochemical Study and Mechanical Properties of Ti-Zr Alloy for Biomedical Applications	CRYSTALS	14	6	http://dx.doi.org/10.3390/cryst14060493	2024	12	WOS:001254561900001	View Full Record in Web of Science
460	Jankowski, Jacek; Kotelko, Maria; Ungureanu, Viorel	Numerical and Experimental Analysis of Buckling and Post-Buckling Behaviour of TWCFS Lipped Channel Section Members Subjected to Eccentric Compression	MATERIALS	17	12	http://dx.doi.org/10.3390/ma17122874	2024	24	WOS:001255742500001	View Full Record in Web of Science
461	Kouhalvandi, Lida; Matekovits, Ladislau	Beam-Steering Antenna Technique Using Operational Amplifiers for Sub-6 GHz	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3416311	2024	6	WOS:001256190700001	View Full Record in Web of Science
462	Djuissi, Emerance; Boffelli, Jeoffrey; Hassaine, Riyadh; Pop, Nicolina; Laporta, Vincenzo; Chakrabarti, Kalyan; Ayouz, Mehdi; Bultel, Arnaud; Mezei, Janos Zsolt; Schneider, Ioan F.	Reactive collisions between electrons and BeH ⁺ above dissociation threshold	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	26	26	http://dx.doi.org/10.1039/d4cp01736f	2024	10	WOS:001253010800001	View Full Record in Web of Science

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463	Ciurdariu, Loredana; Grecu, Eugenia	Hermite-Hadamard-Mercer-Type Inequalities for Three-Times Differentiable Functions	AXIOMS	13	6	http://dx.doi.org/10.3390/axioms13060413	2024	21	WOS:001254471500001	View Full Record in Web of Science
464	Utu, Ion-Dragos; Anghel (Petculescu), Iasmina-Madalina; Hulka, Iosif; Marginean, Gabriela	Design, Manufacturing, Microstructure, and Surface Properties of Brazed Co-Based Composite Coatings Reinforced with Tungsten Carbide Particles	CRYSTALS	14	6	http://dx.doi.org/10.3390/cryst14060576	2024	11	WOS:001254415300001	View Full Record in Web of Science
465	Asghar Khan, Muhammad; Ullah, Insaf; Kumar, Neeraj; Afghah, Fatemeh; Barb, Gordana; Noor, Fazal; Alqahtany, Saad	A Certificate-Based Ring Signcryption Scheme for Securing UAV-Enabled Private Edge Computing Systems	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3409359	2024	14	WOS:001251099900001	View Full Record in Web of Science
466	Cao, Bing; Jin, Yongsheng; Uluta, Alptekin; Topal, Ayse; Stevic, Zeljko; Karabasevic, Darjan; Sava, Cipriana	A new integrated rough multi-criteria decision-making model for enterprise resource planning software selection	PEERJ COMPUTER SCIENCE	10		http://dx.doi.org/10.7717/peerj-cs.2096	2024	25	WOS:001245181200001	View Full Record in Web of Science
467	Bostan, Roxana; Glevitzky, Mirel; Varvara, Simona; Dumitrel, Gabriela-Alina; Rusu, Gerlinde Iuliana; Popa, Maria; Glevitzky, Ioana; Vica, Mihaela Laura	Utilization of Natural Adsorbents in the Purification of Used Sunflower and Palm Cooking Oils	APPLIED SCIENCES-BASEL	14	11	http://dx.doi.org/10.3390/app14114417	2024	19	WOS:001245267700001	View Full Record in Web of Science
468	Botezatu, Adrian-Paul; Burlacu, Adrian; Orhei, Ciprian	A Review of Deep Learning Advancements in Road Analysis for Autonomous Driving	APPLIED SCIENCES-BASEL	14	11	http://dx.doi.org/10.3390/app14114705	2024	27	WOS:001245275000001	View Full Record in Web of Science
469	Daianu, Dan M.	General hyperstability criteria for Jensen-type equations	AEQUATIONES MATHEMATICAE	98	4	http://dx.doi.org/10.1007/s00010-024-01066-0	2024	14	WOS:001208732900003	View Full Record in Web of Science
470	Longobardi, Giovanna; Mosoarca, Marius; Gruin, Aurelian; Ion, Alexandru; Formisano, Antonio	An Innovative, Lightweight, and Sustainable Solution for the Integrated Seismic Energy Retrofit of Existing Masonry Structures	SUSTAINABILITY	16	11	http://dx.doi.org/10.3390/su16114791	2024	21	WOS:001245690000001	View Full Record in Web of Science
471	Szabo, Roland	Developing Different Test Conditions to Verify the Robustness and Versatility of Robotic Arms Controlled by Evolutionary Algorithms	ELECTRONICS	13	11	http://dx.doi.org/10.3390/electronics13112130	2024	22	WOS:001245442700001	View Full Record in Web of Science
472	Farcean, Ioana; Prostean, Gabriela; Ardelean, Erika; Socalici, Ana; Ardelean, Marius	Development of a Waste Management Strategy in a Steel Company	SUSTAINABILITY	16	11	http://dx.doi.org/10.3390/su16114378	2024	16	WOS:001245351900001	View Full Record in Web of Science
473	Andor, Minodora; Temereanca, Claudia; Sbarcea, Laura; Ledeti, Adriana; Man, Dana Emilia; Mornos, Cristian; Ridichie, Amalia; Circioban, Denisa; Vlase, Gabriela; Barvinschi, Paul; Caunii, Angela; Varut, Renata-Maria; Trandafirescu, Cristina Maria; Ledeti, Ionut; Buda, Valentina; Radulescu, Matilda	Host-Guest Interaction Study of Olmesartan Medoxomil with β -Cyclodextrin Derivatives	MOLECULES	29	10	http://dx.doi.org/10.3390/molecules29102209	2024	19	WOS:001233142000001	View Full Record in Web of Science
474	Bordeasu, Dorin; Dragan, Florin; Filip, Ioan; Szeidert, Iosif; Tirian, Gelu Ovidiu	Estimation of Centrifugal Pump Efficiency at Variable Frequency for Irrigation Systems	SUSTAINABILITY	16	10	http://dx.doi.org/10.3390/su16104134	2024	15	WOS:001231491100001	View Full Record in Web of Science
475	Gosta, Mihai; Fofiu, Mihai; Kirizsan, Imola	Comparison Regarding the Carbon Footprint of Various Sustainable Seismic Consolidation Solutions for Romanian Orthodox Churches	SUSTAINABILITY	16	10	http://dx.doi.org/10.3390/su16103979	2024	14	WOS:001231482300001	View Full Record in Web of Science
476	Pozna, Claudiu; Precup, Radu-Emil; Ballagi, Aron	Using Tensor-Type Formalism in Causal Networks	ACTA POLYTECHNICA HUNGARICA	21	10		2024	17	WOS:001228392500008	View Full Record in Web of Science

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477	Binzar, Tudor; Pater, Flavius	ON FUZZY SPECTRAL RADII FOR FUZZY BOUNDED OPERATORS WITH APPLICATION TO FUZZY VOLTERRA OPERATOR	JOURNAL OF MATHEMATICAL INEQUALITIES	18	1	http://dx.doi.org/10.7153/jmi-2024-18-11	2024	13	WOS:001225571500001	View Full Record in Web of Science
478	Lovasz, Evelyn-Astrid; Lascu, Dan; Lica, Septimiu	Digitally Controlled Hybrid Switching Step-Up Converter	ELECTRONICS	13	9	http://dx.doi.org/10.3390/electronics13091740	2024	18	WOS:001220076300001	View Full Record in Web of Science
479	Mitelea, Ion; Mutascu, Daniel; Karancsi, Florin; Craciunescu, Corneliu Marius; Buzdugan, Dragos; Utu, Ion-Dragos	Microstructural Investigations of Weld Deposits from Manganese Austenitic Alloy on X2CrNiMoN22-5-3 Duplex Stainless Steel	APPLIED SCIENCES-BASEL	14	9	http://dx.doi.org/10.3390/app14093751	2024	13	WOS:001220103600001	View Full Record in Web of Science
480	Pana, Adrian; Baloi, Alexandru; Molnar-Matei, Florin; Stanese, Cristian; Jorza, Andrei; Stoica, David	Two-Way Power Flow Balancing in Three-Phase Three-Wire Networks by Unbalanced Capacitive Shunt Compensation	APPLIED SCIENCES-BASEL	14	9	http://dx.doi.org/10.3390/app14093746	2024	18	WOS:001220033200001	View Full Record in Web of Science
481	Mousavi, Hossein; Dehghanipour, Amir Hossein; Ferreira, Carla S. S.; Kalantari, Zahra	Investigating the Impact of Large Lakes on Local Precipitation: Case Study of Lake Urmia, Iran	WATER	16	9	http://dx.doi.org/10.3390/w16091250	2024	19	WOS:001219965800001	View Full Record in Web of Science
482	Puma, Genesis Camila Cervantes; Salles, Adriana; Turk, Janez; Ungureanu, Viorel; Braganca, Luis	Utilisation of Reused Steel and Slag: Analysing the Circular Economy Benefits through Three Case Studies	BUILDINGS	14	4	http://dx.doi.org/10.3390/buildings14040979	2024	22	WOS:001220437000001	View Full Record in Web of Science
483	Rahman, Khaista; Khan, Muhammad Asghar; Afghah, Fatemeh; Barb, Gordana; Innab, Nisreen; Cheema, Tanveer Ahmed	An Efficient Authentication and Access Control Protocol for Securing UAV Networks Against Anomaly-Based Intrusion	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3395494	2024	15	WOS:001221165700001	View Full Record in Web of Science
484	Mitelea, Ion; Mutascu, Daniel; Utu, Ion-Dragos; Craciunescu, Corneliu Marius; Bordeasu, Ilare	Cavitation Erosion of the Austenitic Manganese Layers Deposited by Pulsed Current Electric Arc Welding on Duplex Stainless Steel Substrates	CRYSTALS	14	4	http://dx.doi.org/10.3390/cryst14040315	2024	17	WOS:001210491900001	View Full Record in Web of Science
485	Nagorny, A. V.; Avdeev, M. V.; Socoliuc, V.; Ivankov, O. I.; Tomchuk, A. A.; Vekas, L.	Particle correlations in concentrated aqueous ferrofluids upon dilution by small-angle X-ray scattering	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	595		http://dx.doi.org/10.1016/j.jmmm.2024.171923	2024	6	WOS:001210295300001	View Full Record in Web of Science
486	Dinis, Corina Maria; Popa, Gabriel Nicolae; Cunlan, Corina Daniela; Iagar, Angela	Aspects Regarding of Passive Filters Sustainability for Non-Linear Single-Phase Consumers	SUSTAINABILITY	16	7	http://dx.doi.org/10.3390/su16072776	2024	37	WOS:001200998600001	View Full Record in Web of Science
487	Daminescu, Diana; Duteanu, Narcis; Ciopec, Mihaela; Negrea, Adina; Negrea, Petru; Nemes, Nicoleta Sorina; Pascu, Bogdan; Ianasi, Catalin; Cotet, Lucian	Adsorption of Scandium Ions by Amberlite XAD7HP Polymeric Adsorbent Loaded with Tri-n-Octylphosphine Oxide	MOLECULES	29	7	http://dx.doi.org/10.3390/molecules29071578	2024	20	WOS:001201518800001	View Full Record in Web of Science
488	Chioncel, Cristian Paul; Spunci, Elisabeta; Tirian, Gelu-Ovidiu	Visualizing the Maximum Energy Zone of Wind Turbines Operating at Time-Varying Wind Speeds	SUSTAINABILITY	16	7	http://dx.doi.org/10.3390/su16072659	2024	27	WOS:001201037300001	View Full Record in Web of Science
489	Pislaru, Marius; Vlad, Ciprian Sorin; Ivascu, Larisa; Mircea, Iulia Ioana	Citizen-Centric Governance: Enhancing Citizen Engagement through Artificial Intelligence Tools	SUSTAINABILITY	16	7	http://dx.doi.org/10.3390/su16072686	2024	17	WOS:001201000200001	View Full Record in Web of Science
490	Blaga, Robert; Calinoiu, Delia; Paulescu, Marius	A methodology for realistic estimation of the aerosol impact on the solar potential	SOLAR ENERGY	271		http://dx.doi.org/10.1016/j.solener.2024.112425	2024	12	WOS:001196273200001	View Full Record in Web of Science
491	Anastasiadis, Anthimos; Mosoarca, Marius	Earthquake Resilient near Zero Energy Buildings: Attributes and Perspectives	SUSTAINABILITY	16	6	http://dx.doi.org/10.3390/su16062317	2024	19	WOS:001193062500001	View Full Record in Web of Science

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492	Niehaus, Markus; Mocan, Marian	Cultivating Design Thinking for Sustainable Business Transformation in a VUCA World: Insights from a German Case Study	SUSTAINABILITY	16	6	http://dx.doi.org/10.3390/su16062447	2024	21	WOS:001192958000001	View Full Record in Web of Science
493	Ursu, Daniel; Casut, Cristian; Albulescu, Daiana; Vajda, Melinda; Mosoarca, Cristina; Miclau, Marinela	Enhanced Indoor Conversion Efficiency of Dye-Sensitized Solar Cells by Optimizing Ball-Milling Process of TiO2 Paste	COATINGS	14	3	http://dx.doi.org/10.3390/coatings14030283	2024	11	WOS:001192002500001	View Full Record in Web of Science
494	Iacob, Roxana; Iacob, Emil Radu; Stoicescu, Emil Robert; Ghenciu, Delius Mario; Cocolea, Daiana Marina; Constantinescu, Amalia; Ghenciu, Laura Andreea; Manolescu, Diana Luminita	Evaluating the Role of Breast Ultrasound in Early Detection of Breast Cancer in Low- and Middle-Income Countries: A Comprehensive Narrative Review	BIOENGINEERING-BASEL	11	3	http://dx.doi.org/10.3390/bioengineering11030262	2024	21	WOS:001195456600001	View Full Record in Web of Science
495	Plosca, Traian-Radu; Curia, Christian-Daniel; Curia, Daniel-Ioan	Investigating Semantic Differences in User-Generated Content by Cross-Domain Sentiment Analysis Means	APPLIED SCIENCES-BASEL	14	6	http://dx.doi.org/10.3390/app14062421	2024	13	WOS:001191607000001	View Full Record in Web of Science
496	Iacob, Emil Radu; Iacob, Roxana; Ghenciu, Laura Andreea; Popoiu, Tudor-Alexandru; Stoicescu, Emil Robert; Popoiu, Calin Marius	Small Scale, High Precision: Robotic Surgery in Neonatal and Pediatric Patients- A Narrative Review	CHILDREN-BASEL	11	3	http://dx.doi.org/10.3390/children11030270	2024	17	WOS:001191555400001	View Full Record in Web of Science
497	Stadlbauer, Andreas; Nikolic, Katarina; Oberndorfer, Stefan; Marhold, Franz; Kinf, Thomas M.; Meyer-Base, Anke; Bistran, Diana Alina; Schnell, Oliver; Doerfler, Arnd	Machine Learning-Based Prediction of Glioma IDH Gene Mutation Status Using Physio-Metabolic MRI of Oxygen Metabolism and Neovascularization (A Bicenter Study)	CANCERS	16	6	http://dx.doi.org/10.3390/cancers16061102	2024	23	WOS:001191981100001	View Full Record in Web of Science
498	Anghel (Petculescu), Iasmina-Madalina; Utu, Diana; Mitelea, Ion; Constantin, Albert Titus; Utu, Ion-Dragos	Surface Characteristics of Vacuum-Plasma-Sprayed Reinforced Stainless Steel Coatings with TiC Particles	COATINGS	14	3	http://dx.doi.org/10.3390/coatings14030289	2024	14	WOS:001191429700001	View Full Record in Web of Science
499	Modak, Sumon; Kaim, Vikrant; Khan, Taimoor; Kanaujia, Binod Kumar; Matekovits, Ladislau; Rambabu, Karumudi	Design and Performance Measurement of Worn-on-Body Instrumental Ultra-Miniaturized UWB Wearable Patch for e-Health Monitoring	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3365938	2024	12	WOS:001173956500001	View Full Record in Web of Science
500	Jurj, Sorin Liviu; Rotar, Raul	Increasing the Solar Reliability Factor of a Dual-Axis Solar Tracker Using an Improved Online Built-In Self-Test Architecture	IEEE ACCESS	12		http://dx.doi.org/10.1109/ACCESS.2024.3375333	2024	16	WOS:001189800300001	View Full Record in Web of Science
501	Marincu, Cristina; Dan, Daniel; Moga, Ligia	Investigating the influence of building shape and insulation thickness on energy efficiency of buildings	ENERGY FOR SUSTAINABLE DEVELOPMENT	79		http://dx.doi.org/10.1016/j.esd.2024.101384	2024	11	WOS:001182329300001	View Full Record in Web of Science
502	Bularka, Szilard; Vajda, Melinda; Ilies, Elisei; Ricman, Radu; Marina, Magdalena; Miclau, Marinela; Gontean, Aurel; Ursu, Daniel	Photovoltaic Tiles for the Wavelength-Selective Greenhouse: Exploring Yellow and Green Dye-Sensitized Solar Cells in Outdoor Conditions	APPLIED SCIENCES-BASEL	14	5	http://dx.doi.org/10.3390/app14051957	2024	10	WOS:001182768700001	View Full Record in Web of Science
503	Cioroaga, Bogdan Dorel; Cioata, Vasile George; Kiss, Imre	Mathematical Modeling of a Hydraulic Lifting System for the Autodock Docking Leveler	ACTA POLYTECHNICA HUNGARICA	21	2	http://dx.doi.org/10.1270/0/APH.21.2.2024.2.12	2024	14	WOS:001168205900009	View Full Record in Web of Science
504	Crisan, Manuela; Muntean, Cornelia; Chumakov, Yuri; Plesu, Nicoleta	Investigating the Corrosion Inhibition Mechanisms of Alkanolammonium Salts: A Case Study with Ethylethanolammonium 4-Nitrobenzoate on Carbon Steel in Saline Solution	APPLIED SCIENCES-BASEL	14	5	http://dx.doi.org/10.3390/app14051832	2024	17	WOS:001181998300001	View Full Record in Web of Science

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505	Tudorica, Mircea Raul; Bob, Corneliu Ioan	Intervention Works Conducted to Ensure the Stability of a Slope: A Sustainability Study	SUSTAINABILITY	16	4	http://dx.doi.org/10.3390/su16041544	2024	15	WOS:001170187400001	View Full Record in Web of Science
506	Matekovits, Ladislau; Mir, Farzad; Dassano, Gianluca; Peter, Ildiko	Deeply Implanted Conformal Antenna for Real-Time Bio-Telemetry Applications	SENSORS	24	4	http://dx.doi.org/10.3390/s24041170	2024	12	WOS:001172191300001	View Full Record in Web of Science
507	Buzatu, Alina Ramona; Todea, Anamaria; Peter, Francisc; Boeriu, Carmen Gabriela	The Role of Reactive Natural Deep Eutectic Solvents in Sustainable Biocatalysis	CHEMCATCHEM	16	13	http://dx.doi.org/10.1002/cctc.202301597	2024	15	WOS:001160581300001	View Full Record in Web of Science
508	Ungureanu, Vlad-Ilie; Negirla, Paul; Korodi, Adrian	Image-Compression Techniques: Classical and Region-of-Interest-Based Approaches Presented in Recent Papers	SENSORS	24	3	http://dx.doi.org/10.3390/s24030791	2024	27	WOS:001160271800001	View Full Record in Web of Science
509	Cernicova-Buca, Mariana; Gherhes, Vasile; Dragomir, Gabriel-Mugurel; Sirbu, Roxana-Mihaela	Electrically Savvy or Not? Tentative Portrait of the Romanian Student as a Consumer of Electric Devices and Utilities	SUSTAINABILITY	16	3	http://dx.doi.org/10.3390/su16031239	2024	21	WOS:001160291200001	View Full Record in Web of Science
510	Venkatesan, Elumalai Perumal; Krishnaiah, Ravi; Prasad, Kalapala; Medapati, Sreenivasa Reddy; Sree, Sripada Rama; Asif, Mohammad; Khan, Sher Afghan; Linul, Emanoil	Compatibility Effects of Waste Cooking Oil Biodiesel Blend on Fuel System Elastomers in Compression Ignition Engines	ACS OMEGA	9	6	http://dx.doi.org/10.1021/acsomega.3c07871	2024	10	WOS:001159022100001	View Full Record in Web of Science
511	Lupa, Lavinia; Tolea, Nick Samuel; Iosivoni, Marcela; Maranescu, Bianca; Plesu, Nicoleta; Visa, Aurelia	Performance of ionic liquid functionalized metal organic frameworks in the adsorption process of phenol derivatives	RSC ADVANCES	14	7	http://dx.doi.org/10.1039/d3ra08024b	2024	19	WOS:001157822200001	View Full Record in Web of Science
512	Botila, Delia-Anca; Pop-Calimanu, Ioana-Monica; Lascu, Dan	Buck Converter with Cubic Static Conversion Ratio	SENSORS	24	2	http://dx.doi.org/10.3390/s24020696	2024	20	WOS:001151251300001	View Full Record in Web of Science
513	Pop, Gabriela-Madalina; Pop-Calimanu, Ioana-Monica; Lascu, Dan	Fourth-Order Quadratic Buck Converter Controller Design	SENSORS	24	2	http://dx.doi.org/10.3390/s24020557	2024	18	WOS:001151395800001	View Full Record in Web of Science
514	Motoc (m. Ilies), Sorina; Andelesc, Adelina; Visan, Alexandru; Baci, Anamaria; Szerb, Elisabeta I.; Manea, Florica; Salazar, Pedro	Ferrocene-Containing Gallic Acid-Derivative Modified Carbon-Nanotube Electrodes for the Fast Simultaneous and Selective Determination of Cytostatics from Aqueous Solutions	CHEMOSENSORS	12	1	http://dx.doi.org/10.3390/chemosensors12010015	2024	16	WOS:001149368000001	View Full Record in Web of Science
515	Ardelean, Radu; Popa, Adriana; Visa, Aurelia; Dragan, Ecaterina Stela; Davidescu, Corneliu-Mircea	Synthesis, characterization and applications of poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid pendant groups as high-performance adsorbents for acetylsalicylic acid	POLYMER BULLETIN	81	10	http://dx.doi.org/10.1007/s00289-023-05123-7	2024	27	WOS:001142119400001	View Full Record in Web of Science
516	Onchis, Darian M.; Costi, Flavia; Isti, Codruta; Secasan, Ciprian Cosmin; Cozma, Gabriel V.	Method of Improving the Management of Cancer Risk Groups by Coupling a Features-Attention Mechanism to a Deep Neural Network	APPLIED SCIENCES-BASEL	14	1	http://dx.doi.org/10.3390/app14010447	2024	15	WOS:001139217800001	View Full Record in Web of Science
517	Magazzino, Cosimo; Mele, Marco; Albulescu, Claudiu Tiberiu; Apergis, Nicholas; Mutascu, Mihai Ioan	The presence of a latent factor in gasoline and diesel prices co-movements	EMPIRICAL ECONOMICS	66	5	http://dx.doi.org/10.1007/s00181-023-02523-6	2024	19	WOS:001100550800001	View Full Record in Web of Science

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518	Shah, Syed Ghulam Meran; Ivascu, Larisa	Accentuating the moderating influence of green innovation, environmental disclosure, environmental performance, and innovation output between vigorous board and Romanian manufacturing firms' performance	ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	26	4	http://dx.doi.org/10.1007/s10668-023-03164-6	2024	21	WOS:000961866700001	View Full Record in Web of Science

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1	Ouamri, Mohamed Amine	Coverage and rate analysis for 5G-heterogeneous network: β -Ginibre point process Inspection keywords: Other keywords	IET COMMUNICATIONS	14	22	http://dx.doi.org/10.1049/iet-com.2020.0599	2020	9	WOS:000633000300012	View Full Record in Web of Science	Q3
2	Lazar, Ioana-Claudia	Minimal Disc Diagrams of 5/9-Simplicial Complexes	MICHIGAN MATHEMATICAL JOURNAL	69	4		2020	37	WOS:000614554900007	View Full Record in Web of Science	Q3
3	Sumalan, Radu L.; Muntean, Cornelia; Kostov, Ana; Krzanovic, Daniel; Jucsor, Noemi L.; Ciulca, Sorin, I.; Sumalan, Renata M.; Gheju, Marius; Cernicova-Buca, Mariana	The cup plant (<i>Silphium perfoliatum</i> L.) - a viable solution for bioremediating soils polluted with heavy metals	NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA	48	4	http://dx.doi.org/10.15835/48412160	2020	19	WOS:000604617500025	View Full Record in Web of Science	Q3
4	Sarbu, Ioan; Mirza, Matei; Crasmareanu, Emanuel	OPTIMISATION OF DISTRICT HEATING SYSTEMS USING HEURISTIC METHODS: A REVIEW	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	21	4		2020	10	WOS:000604438000004	View Full Record in Web of Science	Q3
5	Boldea, I; Tutelea, L. N.; Muntean, N.; Popa, A.; Blaabjerg, F.	ROBOTICS ELECTRIC ACTUATORS: RECENT PROGRESS IN HIGH TORQUE DENSITY DESIGNS AND THEIR ADVANCED MOTION CONTROL - A REVIEW	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	21	4		2020	19	WOS:000604438000006	View Full Record in Web of Science	Q3
6	Pop-Calimanu, Ioana-Monica; Balint, Maria; Lascu, Dan	A New Hybrid Cuk DC-DC Converter with Coupled Inductors	ELECTRONICS	9	12	http://dx.doi.org/10.3390/electronics9122188	2020	23	WOS:000601967600001	View Full Record in Web of Science	Q3
7	Buzatu, Alina Ramona; Frissen, August E.; van den Broek, Lambertus A. M.; Todea, Anamaria; Motoc, Marilena; Boeriu, Carmen Gabriela	Chemoenzymatic Synthesis of New Aromatic Esters of Mono- and Oligosaccharides	PROCESSES	8	12	http://dx.doi.org/10.3390/pr8121638	2020	19	WOS:000602642600001	View Full Record in Web of Science	Q3
8	Precup, Radu-Emil; Roman, Raul-Cristian; Teban, Teodor-Adrian; Albu, Adriana; Petriu, Emil M.; Pozna, Claudiu	Model-Free Control of Finger Dynamics in Prosthetic Hand Myoelectric-based Control Systems	STUDIES IN INFORMATICS AND CONTROL	29	4	http://dx.doi.org/10.2484/6/v29i4y202002	2020	12	WOS:000602747900002	View Full Record in Web of Science	Q3
9	Rusu, Darian; Stratul, Stefan-Ioan; Calniceanu, Horia; Boariu, Marius; Ogodescu, Alexandru; Milicescu, Stefan; Didilescu, Andreea; Roman, Alexandra; Surlin, Petra; Locovei, Cosmin; Chiperi, Monica; Solomon, Sorina; Nica, Luminita	A qualitative and semiquantitative SEM study of the morphology of the biofilm on root surfaces of human teeth with endodontic-periodontal lesions	EXPERIMENTAL AND THERAPEUTIC MEDICINE	20	6	http://dx.doi.org/10.3892/etm.2020.9331	2020	14	WOS:000595267100078	View Full Record in Web of Science	Q3
10	Chirita-Emandi, Adela; Serban, Costela Lacrimioara; Paul, Corina; Andreescu, Nicoleta; Velea, Iulian; Mihailescu, Alexandra; Serafim, Vlad; Tiugan, Diana-Andreea; Tutac, Paul; Zimbru, Cristian; Puiu, Maria; Niculescu, Mihai Dinu	CHDH-PNPLA3 Gene-Gene Interactions Predict Insulin Resistance in Children with Obesity	DIABETES METABOLIC SYNDROME AND OBESITY-TARGETS AND THERAPY	13		http://dx.doi.org/10.2147/DMSO.S277268	2020	12	WOS:000591972500002	View Full Record in Web of Science	Q3
11	Caiman, Dadiana-Valeria; Dragomir, Toma-Leonida	A Novel Method for Obtaining the Signature of Household Consumer Pairs	ENERGIES	13	22	http://dx.doi.org/10.3390/en13226030	2020	20	WOS:000594265100001	View Full Record in Web of Science	Q3
12	Sarbu, Ioan; Sebarchievici, Calin	Exploratory Research to Improve Energy-Efficiency of a Ground-Coupled Heat Pump Utilizing an Automatic Control Device of Circulation Pump Speed	ENERGIES	13	19	http://dx.doi.org/10.3390/en13195016	2020	19	WOS:000586477100001	View Full Record in Web of Science	Q3
13	Biba, Diana Raluca; Ancuti, Mihaela Codruta; Ianovici, Alexandru; Sorandaru, Ciprian; Musuroi, Sorin	Power Supply Platform and Functional Safety Concept Proposals for a Powertrain Transmission Electronic Control Unit	ELECTRONICS	9	10	http://dx.doi.org/10.3390/electronics9101580	2020	16	WOS:000586196000001	View Full Record in Web of Science	Q3
14	Boncalo, Oana; Amaricai, Alexandru; Lendek, Zsofia	Fault Tolerant Digital Data-Path Design via Control Feedback Loops	ELECTRONICS	9	10	http://dx.doi.org/10.3390/electronics9101721	2020	14	WOS:000585279700001	View Full Record in Web of Science	Q3

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15	Dragoi, V-F; Cayrel, P-L; Colombier, B.; Bucerzan, D.; Hoara, S.	Solving a Modified Syndrome Decoding Problem using Integer Programming	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	15	5	http://dx.doi.org/10.1583/7/ijccc.2020.5.3920	2020	9	WOS:000569021200006	View Full Record in Web of Science	Q3
16	Mitelea, Ion; Bordeasu, Ilare; Frant, Florin; Utu, Ion Dragos	Effect of heat treatment on corrosion and ultrasonic cavitation erosion resistance of AlSi10MnMg alloy	MATERIALS TESTING	62	9	http://dx.doi.org/10.3139/120.111565	2020	6	WOS:000568266500008	View Full Record in Web of Science	Q3
17	Arvinti, B.; Isar, A.; Stolz, R.; Costache, M.	REMOVAL OF REPETITIVE MAGNETIC INTERFERENCES UPON UNSHIELDED FETAL MAGNETOCARDIOGRAMS	ROMANIAN REPORTS IN PHYSICS	72	3		2020	11	WOS:000562620700018	View Full Record in Web of Science	Q3
18	Bota, Constantin; Caruntu, Bogdan; Pasca, Madalina Sofia; Tucu, Dumitru; Lapadat, Marioara	Least Squares Differential Quadrature Method for the Generalized Bagley-Torvik Fractional Differential Equation	MATHEMATICAL PROBLEMS IN ENGINEERING	2020		http://dx.doi.org/10.1155/2020/4806387	2020	7	WOS:000556407400002	View Full Record in Web of Science	Q3
19	Kiss, Imre	Multivariate Statistical Research in Areas of the Cast Hyper-Eutectoid Steel Roll Manufacturing, in the Melting and Alloying Processing Stages	ACTA POLYTECHNICA HUNGARICA	17	6	http://dx.doi.org/10.1270/0/APH.17.6.2020.6.3	2020	19	WOS:000550576000003	View Full Record in Web of Science	Q3
20	Manea, Adriana Sida; Muntean, Sebastian; Stroita, Daniel Catalin	ANALYTICAL APPROACH AND NUMERICAL METHODOLOGY VALIDATED AGAINST EXPERIMENTAL DATA ON S SHAPE AIRFOIL FOR WIDE FLOW ANGLES OF ATTACK	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	21	2		2020	10	WOS:000545333700009	View Full Record in Web of Science	Q3
21	Radulescu-Grad, Maria Elena; Visa, Aurelia; Milea, Marius Silviu; Laza, Radu Ioan; Popa, Simona; Funar-Timofei, Simona	Synthesis, spectral characterization, and theoretical investigations of a new azo-stilbene dye for acrylic resins	JOURNAL OF MOLECULAR STRUCTURE	1217		http://dx.doi.org/10.1016/j.molstruc.2020.128380	2020	11	WOS:000544054000013	View Full Record in Web of Science	Q3
22	Albulescu, Claudiu Tiberiu; Oros, Cornel	Inflation, uncertainty, and labour market conditions in the US	APPLIED ECONOMICS	52	52	http://dx.doi.org/10.1080/00036846.2020.1772458	2020	13	WOS:000543937600001	View Full Record in Web of Science	Q3
23	Ivascu, Larisa	Measuring the Implications of Sustainable Manufacturing in the Context of Industry 4.0	PROCESSES	8	5	http://dx.doi.org/10.3390/pr8050585	2020	20	WOS:000541752600049	View Full Record in Web of Science	Q3
24	Tamasila, Matei; Prosteian, Gabriela; Ivascu, Larisa; Cioca, Lucian-Ionel; Draghici, Anca; Diaconescu, Andra	Evaluating and prioritizing municipal solid waste management-related factors in Romania using fuzzy AHP and TOPSIS	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	38	5	http://dx.doi.org/10.3233/JIFS-179695	2020	17	WOS:000541708200072	View Full Record in Web of Science	Q3
25	Simo, A.; Dzitac, S.; Frigura-Iliasa, F. M.; Musuroi, S.; Andea, P.; Meianu, D.	Technical Solution for a Real-Time Air Quality Monitoring System	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	15	4	http://dx.doi.org/10.1583/7/ijccc.2020.4.3891	2020	10	WOS:000540296700006	View Full Record in Web of Science	Q3
26	Daianu, Dan M.; Mindruta, Cristina	Sections in functional equations	AEQUATIONES MATHEMATICAE	94	5	http://dx.doi.org/10.1007/s00010-020-00726-1	2020	13	WOS:000537654300001	View Full Record in Web of Science	Q3
27	Precup, R-E; Voisan, E-, I; Petriu, E. M.; Tomescu, M. L.; David, R-C; Szedlak-Stinean, A-, I; Roman, R-C	Grey Wolf Optimizer-Based Approaches to Path Planning and Fuzzy Logic-based Tracking Control for Mobile Robots	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	15	3	http://dx.doi.org/10.1583/7/ijccc.2020.3.3844	2020	17	WOS:000528258600003	View Full Record in Web of Science	Q3
28	Susan-Resiga, Daniela; Malaescu, I; Marinica, Oana; Marin, C. N.	Magnetorheological properties of a kerosene-based ferrofluid with magnetite particles hydrophobized in the absence of the dispersion medium	PHYSICA B-CONDENSED MATTER	587		http://dx.doi.org/10.1016/j.physb.2020.412150	2020	8	WOS:000531598800008	View Full Record in Web of Science	Q3
29	Kiss, Imre; Alexa, Vasile	Study on the Deformability Characteristics of Steels for Seamless Tubes and Pipes destined for the Petrochemical Industry	ACTA POLYTECHNICA HUNGARICA	17	5		2020	23	WOS:000532417700005	View Full Record in Web of Science	Q3

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30	Heinosaari, Teiko; Jivulescu, Maria Anastasia; Nechita, Ion	Random positive operator valued measures	JOURNAL OF MATHEMATICAL PHYSICS	61	4	http://dx.doi.org/10.1063/1.5131028	2020	27	WOS:000529248700001	View Full Record in Web of Science	Q3
31	Ionel, Raul; Mischie, Septimiu; Belega, Daniel; Matiu-Iovan, Liliana; Dughir, Ciprian	I&M applications for educational purposes	IEEE INSTRUMENTATION & MEASUREMENT MAGAZINE	23	2	http://dx.doi.org/10.1109/MIM.2020.9062684	2020	9	WOS:000528671300005	View Full Record in Web of Science	Q3
32	Korodi, Adrian; Crisan, Ruben; Nicolae, Andrei; Silea, Ioan	Industrial Internet of Things and Fog Computing to Reduce Energy Consumption in Drinking Water Facilities	PROCESSES	8	3	http://dx.doi.org/10.3390/pr8030282	2020	18	WOS:000525842000027	View Full Record in Web of Science	Q3
33	Ouamri, Mohamed Amide; Otesteanu, Marius-Emil; Isar, Alexandru; Azni, Mohamed	Coverage, Handoff and cost optimization for 5G Heterogeneous Network	PHYSICAL COMMUNICATION	39		http://dx.doi.org/10.1016/j.phycom.2020.101037	2020	8	WOS:000518983400006	View Full Record in Web of Science	Q3
34	Mitelea, Ion; Simionescu, Dinu; Craciunescu, Corneliu Marius; Utu, Ion Dragos	Fracture toughness of MAG welds in pulsed current of API 5L AX65M thermomechanical treated steel	MATERIALS TESTING	62	3	http://dx.doi.org/10.3139/120.111486	2020	7	WOS:000518458100011	View Full Record in Web of Science	Q3
35	Negrea, Romeo	On the functional equation $f(x \text{ plus } y) = f(x) \text{ plus } f(y)$	MONATSHEFTE FUR MATHEMATIK	191	3	http://dx.doi.org/10.1007/s00605-019-01315-4	2020	3	WOS:000513726100009	View Full Record in Web of Science	Q3
36	Buse, Constantin; O'Regan, Donal	Discrete integral conditions for weak trajectories and asymptotic stability for operators in Banach spaces	BULLETIN DES SCIENCES MATHÉMATIQUES	158		http://dx.doi.org/10.1016/j.bulsci.2019.102805	2020	16	WOS:000512209900006	View Full Record in Web of Science	Q3
37	Negrea, Romeo	On a nonlinear stochastic integral equation	MONATSHEFTE FUR MATHEMATIK	192	4	http://dx.doi.org/10.1007/s00605-019-01353-y	2020	10	WOS:000507777200001	View Full Record in Web of Science	Q3
38	Buse, Constantin; O'Regan, Donal	A weak integral condition and its connections with existence and uniqueness of solutions for some abstract Cauchy problems in Banach spaces	MONATSHEFTE FUR MATHEMATIK	192	3	http://dx.doi.org/10.1007/s00605-019-01339-w	2020	20	WOS:000490885000002	View Full Record in Web of Science	Q3
39	Cismas, Emanuel-Ciprian; Lupa, Nicolae	A Nash-Moser approach for the Euler-Arnold equations	MONATSHEFTE FUR MATHEMATIK	192	2	http://dx.doi.org/10.1007/s00605-019-01344-z	2020	21	WOS:000490198600001	View Full Record in Web of Science	Q3
40	Pop, N.; Beiu, R.; Svera, P.; Mnerie, C.; Hutiu, G.; Duma, V-F	THERMAL DEGRADATION OF PHOTOVOLTAIC PANELS: EVALUATIONS USING A RANGE OF TESTING METHODS	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	21	6		2020	10	WOS:000629002300007	View Full Record in Web of Science	Q4
41	Kiss, Imre; Bordeasu, Ilare; Baci, Andrei Mihai; Alexa, Vasile; Cioata, Vasile George; Ursu-Neamt, Gabriel	Comparative Analysis on Use of Polymer Fibres from Recycled Polyethylene Terephthalate into Reinforced Concrete Solutions	MATERIALE PLASTICE	57	4		2020	9	WOS:000617344900021	View Full Record in Web of Science	Q4
42	Belgiu, George; Turc, Cristian G. H.; Carausu, Constantin	Selection of Subtractive Manufacturing Technology Versus Additive Manufacturing Technology for Rapid Prototyping of a Polymeric Product	MATERIALE PLASTICE	57	4		2020	10	WOS:000617344900033	View Full Record in Web of Science	Q4
43	Arvinti, Beatrice; Isar, Alexandru; Toader, Dumitru; Toepfer, Hannes; Costache, Marius	EXPERIMENTAL STAND FOR THE STUDY OF NON-SINUSOIDAL ELECTRICAL PHENOMENA	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	65	3-4		2020	6	WOS:000608261900005	View Full Record in Web of Science	Q4
44	Dehelean, Teodor; Naformita, Corina; Isar, Alexandru	ENHANCED METRIC FOR MULTIPLE EXTENDED OBJECT TRACKER	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	65	3-4		2020	9	WOS:000608261900014	View Full Record in Web of Science	Q4
45	Kellenberger, Andrea; Gavrilă, Rodica; Plesu, Nicoleta	ACTIVATED MULTI-WALLED CARBON NANOTUBES FOR ELECTROCHEMICAL DETECTION OF DOPAMINE IN THE PRESENCE OF ASCORBIC AND URIC ACID	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	65	4	http://dx.doi.org/10.24193/subbchem.2020.4.03	2020	18	WOS:000601368800003	View Full Record in Web of Science	Q4
46	Kellenberger, Andrea; Duca, Delia; Vaszilcsin, Nicolae; Craciunescu, Corneliu Marius	Electrochemical Evaluation of Niobium Corrosion Resistance in Simulated Anodic PEM Electrolyzer Environmen	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	15	11	http://dx.doi.org/10.20964/2020.11.47	2020	10	WOS:000591930300003	View Full Record in Web of Science	Q4

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47	Pop, Raluca; Medeleanu, Mihai	Docking Studies of Porphyrin-based Photosensitizers on Rhombellanes	CROATICA CHEMICA ACTA	93	4	http://dx.doi.org/10.5562/cca3789	2020	9	WOS:000751672900011	View Full Record in Web of Science	Q4
48	Isfanuti, Andy; Paicu, Mihaela-Codruta; Andreescu, Gheorghe-Daniel; Tutela, Lucian Nicolae; Staudt, Tiago; Boldea, Ion	V/f with Stabilizing Loops and MTPA versus Sensorless FOC for PMSM Drives	ELECTRIC POWER COMPONENTS AND SYSTEMS	48	11	http://dx.doi.org/10.1080/15325008.2020.1836072	2020	14	WOS:000589104400001	View Full Record in Web of Science	Q4
49	Kellenberger, Andrea; Ambros, Daniela; Plesu, Nicoleta	Polyaniline Nanofibers Modified Ni Electrodes for Electrochemical Hydrogen Production	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	15	9	http://dx.doi.org/10.20964/2020.09.47	2020	16	WOS:000570963900016	View Full Record in Web of Science	Q4
50	Glevitzky, I.; Dumitrel, G. -A.; Glevitzky, M.; Bungau, S.; Popa, M.	ASPECTS CONCERNING THE MANAGEMENT OF GROUNDWATER IN THE FARAU AREA - ALBA COUNTY, ROMANIA	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	21	2		2020	11	WOS:000566784600007	View Full Record in Web of Science	Q4
51	Sarb, D.; Bogdan, R.; Pop, N.	PRACTICAL RELIABILITY ASSESSMENT FOR INTERNET OF THINGS BY MEANS OF MONTE CARLO SIMULATION	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	21	2		2020	11	WOS:000566784600014	View Full Record in Web of Science	Q4
52	Greco, E.; Oncioiu, I.; Ionel, I.; Ungureanu, C. I.	POTENTIAL ASSESSMENT OF USING BIOMASS FOR SUSTAINABLE DEVELOPMENT. A CASE STUDY FOR ROMANIA	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	21	2		2020	7	WOS:000566784600018	View Full Record in Web of Science	Q4
53	Wachter, M. R.; Ionel, I.; Dan, D.	MODEL SETUP FOR A WASTE INCINERATION LANDFILL DISPOSAL	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	21	2		2020	8	WOS:000566784600024	View Full Record in Web of Science	Q4
54	Arvinti, Beatrice; Isar, Alexandru; Costache, Marius	Effective Wavelet Algorithm for an Automatic Detection of Atrial Fibrillation	ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING	20	3	http://dx.doi.org/10.4316/AECE.2020.03006	2020	8	WOS:000564453800006	View Full Record in Web of Science	Q4
55	Utu, Ion-Dragos; Muntean, Roxana; Mitelea, Ion	Corrosion and Wear Properties of Zn-Based Composite Coatings	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	29	8	http://dx.doi.org/10.1007/s11665-020-04995-4	2020	6	WOS:000555748000002	View Full Record in Web of Science	Q4
56	Lazar, Ioana-Claudia	The collapsibility of CAT(0) square 2-complexes	PUBLICATIONES MATHEMATICAE-DEBRECEN	97	1-2	http://dx.doi.org/10.5486/PM.2020.8619	2020	25	WOS:000552004500001	View Full Record in Web of Science	Q4
57	Dragomir, Toma L.; Stefan, Octavian; Nanu, Sorin; Codrean, Alexandru	Discrete-Time Rule-based Time Optimal Controller	CONTROL ENGINEERING AND APPLIED INFORMATICS	22	2		2020	12	WOS:000544432800007	View Full Record in Web of Science	Q4
58	Golban, Alin; Lupa, Lavinia; Coheci, Laura; Pode, Rodica	COMPARATIVE STUDIES REGARDING MOLYBDENATE ADSORPTION ONTO MnFe LAYERED DOUBLE HYDROXIDES OBTAINED FROM REAGENT AND WASTE SLUDGE	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	19	2		2020	11	WOS:000531733600006	View Full Record in Web of Science	Q4
59	Militaru, Bogdan Adrian; Pode, Rodica; Lupa, Lavinia; Manea, Florica	STRUVITE PRECIPITATION FROM SEWAGE SLUDGE ASH	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	19	2		2020	8	WOS:000531733600012	View Full Record in Web of Science	Q4
60	Ene, R. C.; Brata, S.; Boros, I.; Dan, D.	EFFECT OF INSERTED PARALLEL AIR CHAMBERS IN ROCKWOOL AND POLYSTYRENE INSULATION PANELS	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	21	1		2020	9	WOS:000531885700024	View Full Record in Web of Science	Q4
61	Perdiou, Antonis S.; Eldin, Rozan Alam; Hajaj, Karim Roxana; Rominu, Mihai; Sinescu, Cosmin; Negrutiu, Meda; Negru, Radu Marcel; Hajaj, Tareq	A Comparative Evaluation of Stress Resistance Between Nano-hybrid Composite and Ormocer Restorations on Posterior Teeth - in vitro Study	MATERIALE PLASTICE	57	1	http://dx.doi.org/10.37358/mp.20.1.5306	2020	5	WOS:000528195000002	View Full Record in Web of Science	Q4
62	Stan, Daniel, V	Considerations on the Drying of the Raw Material and Consequences on the Quality of the Injected Products	MATERIALE PLASTICE	57	1	http://dx.doi.org/10.37358/mp.20.1.5311	2020	11	WOS:000528195000007	View Full Record in Web of Science	Q4

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63	Kiss, Imre; Baci, Andrei Mihai; Bordeasu, Ilare; Micu, Lavinia Madalina	Compressive Strength of Stripes and Flakes of Recycled Polyethylene Terephthalate (PET) Added Concrete	MATERIALE PLASTICE	57	1	http://dx.doi.org/10.37358/MP.20.1.5333	2020	9	WOS:000528195000028	View Full Record in Web of Science	Q4
64	Baci, Andrei Mihai; Kiss, Imre; Bordeasu, Ilare; Micu, Lavinia Madalina	Compressive Strength of Woven and Strand of Recycled Polyethylene Terephthalate (PET) Reinforced Concrete	MATERIALE PLASTICE	57	1	http://dx.doi.org/10.37358/MP.20.1.5335	2020	9	WOS:000528195000030	View Full Record in Web of Science	Q4
65	Cioabla, Adrian Eugen; Ivanovici, Madalina; Dumitrel, Gabriela-Alina; Ordodi, Laurentiu-Valentin; Calinoiu, Delia-Gabriela; Trif-Tordai, Gavrilă; Pode, Vasile	MATHEMATICAL APPROACH FOR PILOT-SCALE EXPERIMENT SETUP ON BIOGAS PRODUCTION	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	65	1	http://dx.doi.org/10.24193/subbchem.2020.1.19	2020	8	WOS:000526912600020	View Full Record in Web of Science	Q4
66	Ordodi, Valentin; Pana, Ana-Maria; Dumitrel, Alina; Hadaruga, Daniel; Tamas, Andra; Pode, Vasile; Todea, Anamaria; Paunescu, Virgil; Negru, Serban	AN ECOLOGICAL TREATMENT METHOD FOR IFOSFAMIDE CONTAMINATED WASTE WATER RESULTING FROM ONCOLOGICAL THERAPY	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	65	1	http://dx.doi.org/10.24193/subbchem.2020.1.21	2020	11	WOS:000526912600022	View Full Record in Web of Science	Q4
67	Borza, Paula; Benea, Ioana Cristina; Bitcan, Ioan; Todea, Anamaria; Muntean, Simona Gabriela; Peter, Francisc	ENZYMATIC DEGRADATION OF AZO DYES USING PEROXIDASE IMMOBILIZED ONTO COMMERCIAL CARRIERS WITH EPOXY GROUPS	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	65	1	http://dx.doi.org/10.24193/subbchem.2020.1.22	2020	12	WOS:000526912600023	View Full Record in Web of Science	Q4
68	Vujic, Bogdana; Pode, Vasile; Micic, Jelena; Popescu, Francisc; marceta, Una; Cioabla, Adrian Eugen	PRELIMINARY ASSESSMENT OF PARTICULATE CONCENTRATION NEAR COAL FIRED POWER PLANT	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	65	1	http://dx.doi.org/10.24193/subbchem.2020.1.23	2020	13	WOS:000526912600024	View Full Record in Web of Science	Q4
69	Vujic, Bogdana; Stanislavjevic, Nemanja; Popescu, Francisc; Tosic, Nikolina; Marceta, Una; Pardanjac, Marjana; Pode, Vasile	INFLUENCE OF LANDFILL METHANE EMISSIONS ON ENVIRONMENT - DISTRIBUTION MODELLING AND ASSESSMENT	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	65	1	http://dx.doi.org/10.24193/subbchem.2020.1.24	2020	15	WOS:000526912600025	View Full Record in Web of Science	Q4
70	Greco, Eugenia; Albulescu, Claudiu Tiberiu; Partachi, Ion Profor; Stancu, Stelian; Trasca, Daniela Livia	OUTPUT, UNCERTAINTY AND FUEL PRICES IN THE EU COUNTRIES	ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH	54	1	http://dx.doi.org/10.24818/18423264/54.1.20.02	2020	16	WOS:000520862500002	View Full Record in Web of Science	Q4
71	Herisanu, Nicolae; Marinca, Vasile	Analytical Study of Nonlinear Vibration in a Rub-Impact Jeffcott Rotor	ENERGIES	14	24	http://dx.doi.org/10.3390/en14248298	2021	15	WOS:000737674100001	View Full Record in Web of Science	Q3
72	Sarfraz, Muddassar; Ivascu, Larisa; Khawaja, Kausar Fiaz; Vevera, Adrian Victor; Dragan, Florin	ICT Revolution from Traditional Office to Virtual Office: A Study on Teleworking During the COVID-19 Pandemic	STUDIES IN INFORMATICS AND CONTROL	30	4	http://dx.doi.org/10.24846/v30i4y202107	2021	10	WOS:000732461100007	View Full Record in Web of Science	Q3
73	Bordeasu, Dorin; Prostean, Octavian; Hatiegan, Cornel	Contributions to Modeling, Simulation and Controlling of a Pumping System Powered by a Wind Energy Conversion System	ENERGIES	14	22	http://dx.doi.org/10.3390/en14227696	2021	18	WOS:000724343100001	View Full Record in Web of Science	Q3
74	Arvinti, Beatrice; Iacob, Emil Radu; Isar, Alexandru; Iacob, Daniela; Costache, Marius	Automated Medical Care: Bradycardia Detection and Cardiac Monitoring of Preterm Infants	MEDICINA-LITHUANIA	57	11	http://dx.doi.org/10.3390/medicina57111199	2021	14	WOS:000724525600001	View Full Record in Web of Science	Q3
75	Toader, Dumitru; Vintan, Maria; Solea, Claudiu; Vesa, Daniela; Greconici, Marian	Analysis of the Possibilities of Selective Detection of a Single Line-to-Ground Fault in a Medium Voltage Network with Isolated Neutral	ENERGIES	14	21	http://dx.doi.org/10.3390/en14217019	2021	19	WOS:000718797600001	View Full Record in Web of Science	Q3
76	Sarbu, Ioan	Optimization of Urban Water Distribution Networks Using Deterministic and Heuristic Techniques: Comprehensive Review	JOURNAL OF PIPELINE SYSTEMS ENGINEERING AND PRACTICE	12	4	http://dx.doi.org/10.1061/(ASCE)PS.1949-1204.0000575	2021	15	WOS:000696608300020	View Full Record in Web of Science	Q3
77	Buzatu, Raluca; Ungureanu, Viorel; Ciutina, Adrian; Gireada, Mihaita; Vitan, Daniel; Petran, Ioan	Experimental Evaluation of Energy-Efficiency in a Holistically Designed Building	ENERGIES	14	16	http://dx.doi.org/10.3390/en14165061	2021	21	WOS:000690444200001	View Full Record in Web of Science	Q3

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78	Maroiu, Alexandra-Cristina; Sinescu, Cosmin; Duma, Virgil-Florin; Topala, Florin; Jivanescu, Anca; Popovici, Paul Mircea; Tudor, Anca; Rominu, Mihai	Micro-CT and Microscopy Study of Internal and Marginal Gap to Tooth Surface of Crenelated versus Conventional Dental Indirect Veneers	MEDICINA-LITHUANIA	57	8	http://dx.doi.org/10.3390/medicina57080772	2021	27	WOS:000690589200001	View Full Record in Web of Science	Q3
79	Ouamri, Mohamed Amine; Azni, Mohamed; Otesteanu, Marius-Emil	Coverage Analysis in Two-tier 5G Hetnet Based on Stochastic Geometry with Interference Coordination Strategy	WIRELESS PERSONAL COMMUNICATIONS	121	4	http://dx.doi.org/10.1007/s11277-021-08870-w	2021	10	WOS:000686994200011	View Full Record in Web of Science	Q3
80	Mir, Farzad; Kouhalvandi, Lida; Matekovits, Ladislau; Gunes, Ece Olcay	Automated optimization for broadband flat-gain antenna designs with artificial neural network	IET MICROWAVES ANTENNAS & PROPAGATION	15	12	http://dx.doi.org/10.1049/mia2.12137	2021	8	WOS:000684769200001	View Full Record in Web of Science	Q3
81	Bojin, Florina; Robu, Andreea; Bejenariu, Maria I.; Ordodi, Valentin; Olteanu, Emilian; Cean, Ada; Popescu, Roxana; Neagu, Monica; Gavriluc, Oana; Neagu, Adrian; Arjoca, Stelian; Paunescu, Virgil	3D bioprinting of model tissues that mimic the tumor microenvironment	EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS	50	SUPPL 1		2021	1	WOS:000671622300453	View Full Record in Web of Science	Q3
82	Osaci, Mihaela; Cacciola, Matteo	About the influence of the colloidal magnetic nanoparticles coating on the specific loss power in magnetic hyperthermia	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	519		http://dx.doi.org/10.1016/j.jmmm.2020.167451	2021	9	WOS:000672636600006	View Full Record in Web of Science	Q3
83	Azizi, Yousef; Soleimani, Mohammad; Sedighy, Seyed Hasan; Matekovits, Ladislau	Low-Cost, Low-Profile Wide-Band Radar Cross Section Reduction Using Dual-Concentric Phase Gradient Modulated Surface	ELECTRONICS	10	13	http://dx.doi.org/10.3390/electronics10131552	2021	9	WOS:000671062300001	View Full Record in Web of Science	Q3
84	Serban, Sorina Gabriela; Kiss, Imre	Superior Recovery by Pelletization of Landfilled Industry and Mining Related Fine and Small Size Iron Containing Waste	ACTA POLYTECHNICA HUNGARICA	18	6		2021	24	WOS:000658289300013	View Full Record in Web of Science	Q3
85	Hulea, Dan; Cornea, Octavian; Muntean, Nicolae; Fahimi, Babak	A bidirectional hybrid switched inductor converter with wide voltage conversion range	IET POWER ELECTRONICS	14	10	http://dx.doi.org/10.1049/pel2.12138	2021	15	WOS:000658651100001	View Full Record in Web of Science	Q3
86	Precup, Radu-Emil; David, Radu-Codrut; Roman, Raul-Cristian; Petriu, Emil M.; Szedlak-Stinean, Alexandra-Iulia	Slime Mould Algorithm-Based Tuning of Cost-Effective Fuzzy Controllers for Servo Systems	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS	14	1	http://dx.doi.org/10.2991/ijcis.d.210309.001	2021	11	WOS:000657686700001	View Full Record in Web of Science	Q3
87	Rotar, Raul; Jurj, Sorin Liviu; Susany, Robert; Opritoiu, Flavius; Vladutiu, Mircea	Global Energy Production Computation of a Solar-Powered Smart Home Automation System Using Reliability-Oriented Metrics	ENERGIES	14	9	http://dx.doi.org/10.3390/en14092541	2021	23	WOS:000650306700001	View Full Record in Web of Science	Q3
88	Soava, Georgeta; Mehedintu, Anca; Sterpu, Mihaela; Grecu, Eugenia	The Impact of the COVID-19 Pandemic on Electricity Consumption and Economic Growth in Romania	ENERGIES	14	9	http://dx.doi.org/10.3390/en14092394	2021	25	WOS:000650159600001	View Full Record in Web of Science	Q3
89	Serban, Sorina Gabriela; Kiss, Imre	Identifying the Possibilities for Superior Recovery by Pelletization of Industry Related Small and Powdery Iron Containing Waste	ACTA POLYTECHNICA HUNGARICA	18	4		2021	26	WOS:000642345200005	View Full Record in Web of Science	Q3
90	Volosencu, Constantin	Reducing Energy Consumption and Increasing the Performances of AC Motor Drives Using Fuzzy PI Speed Controllers	ENERGIES	14	8	http://dx.doi.org/10.3390/en14082083	2021	15	WOS:000644181900001	View Full Record in Web of Science	Q3
91	Jurj, Sorin Liviu; Rotar, Raul; Opritoiu, Flavius; Vladutiu, Mircea	Improving the Solar Reliability Factor of a Dual-Axis Solar Tracking System Using Energy-Efficient Testing Solutions	ENERGIES	14	7	http://dx.doi.org/10.3390/en14072009	2021	19	WOS:000638406100001	View Full Record in Web of Science	Q3
92	Kumar, Amit; Ansari, Abdul Quaiyum; Kanaujia, Binod Kumar; Kishor, Jugul; Matekovits, Ladislau	A Review on Different Techniques of Mutual Coupling Reduction Between Elements of Any MIMO Antenna. Part 1: DGSS and Parasitic Structures	RADIO SCIENCE	56	3	http://dx.doi.org/10.1029/2020RS007122	2021	25	WOS:000635262900006	View Full Record in Web of Science	Q3

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93	Kumar, Amit; Ansari, Abdul Quaiyum; Kanaujia, Binod Kumar; Kishor, Jugul; Matekovits, Ladislau	A Review on Different Techniques of Mutual Coupling Reduction Between Elements of Any MIMO Antenna. Part 2: Metamaterials and Many More	RADIO SCIENCE	56	3	http://dx.doi.org/10.1029/2020RS007222	2021	22	WOS:000635262900009	View Full Record in Web of Science	Q3
94	Ouamri, Mohamed Amine	Stochastic geometry modeling and analysis of downlink coverage and rate in small cell network	TELECOMMUNICATION SYSTEMS	77	4	http://dx.doi.org/10.1007/s11235-021-00770-5	2021	13	WOS:000626794000002	View Full Record in Web of Science	Q3
95	Hedrea, Elena-Lorena; Precup, Radu-Emil; Roman, Raul-Cristian; Petriu, Emil M.	Tensor product-based model transformation approach to tower crane systems modeling	ASIAN JOURNAL OF CONTROL	23	3	http://dx.doi.org/10.1002/asjc.2494	2021	11	WOS:000629323100001	View Full Record in Web of Science	Q3
96	Szakai, Raul-Alexandru; Doman, Alexandru; Muntean, Sebastian	Influence of the Reshaped Elbow on the Unsteady Pressure Field in a Simplified Geometry of the Draft Tube	ENERGIES	14	5	http://dx.doi.org/10.3390/en14051393	2021	21	WOS:000628195000001	View Full Record in Web of Science	Q3
97	Toader, Dumitru; Greconici, Marian; Vesa, Daniela; Vintan, Maria; Solea, Claudiu	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	ENERGIES	14	5	http://dx.doi.org/10.3390/en14051330	2021	15	WOS:000628197300001	View Full Record in Web of Science	Q3
98	Hedrea, Elena-Lorena; Precup, Radu-Emil; Petriu, Emil M.; Bojan-Dragos, Claudia-Adina; Hedrea, Ciprian	Tensor product-based model transformation approach to cart position modeling and control in pendulum-cart systems	ASIAN JOURNAL OF CONTROL	23	3	http://dx.doi.org/10.1002/asjc.2493	2021	11	WOS:000627552900001	View Full Record in Web of Science	Q3
99	Nica, Diana Florina; Rivis, Mircea; Roi, Ciprian Ioan; Todea, Carmen Darinca; Duma, Virgil-Florin; Sinescu, Cosmin	Complementarity of Photo-Biomodulation, Surgical Treatment, and Antibiotherapy for Medication-Related Osteonecrosis of the Jaws (MRONJ)	MEDICINA-LITHUANIA	57	2	http://dx.doi.org/10.3390/medicina57020145	2021	14	WOS:000622727500001	View Full Record in Web of Science	Q3
100	Radac, Mircea-Bogdan; Borlea, Anamaria-Ioana	Virtual State Feedback Reference Tuning and Value Iteration Reinforcement Learning for Unknown Observable Systems Control	ENERGIES	14	4	http://dx.doi.org/10.3390/en14041006	2021	26	WOS:000623466700001	View Full Record in Web of Science	Q3
101	Rotar, Raul; Jurj, Sorin Liviu; Opritoiu, Flavius; Vladutiu, Mircea	Fault Coverage-Aware Metrics for Evaluating the Reliability Factor of Solar Tracking Systems	ENERGIES	14	4	http://dx.doi.org/10.3390/en14041074	2021	24	WOS:000623456100001	View Full Record in Web of Science	Q3
102	Roman, Raul-Cristian; Precup, Radu-Emil; Petriu, Emil M.	Hybrid data-driven fuzzy active disturbance rejection control for tower crane systems	EUROPEAN JOURNAL OF CONTROL	58		http://dx.doi.org/10.1016/j.ejcon.2020.08.001	2021	15	WOS:000620937400013	View Full Record in Web of Science	Q3
103	Wachter, Mihail Reinhold; Ionel, Ioana; Dan, Daniel; Negrea, Adina	Investigation of Environmental Leaching Behavior of an Innovative Method for Landfilling of Waste Incineration Air Pollution Control Residues	ENERGIES	14	4	http://dx.doi.org/10.3390/en14041025	2021	10	WOS:000623450800001	View Full Record in Web of Science	Q3
104	Ianasi, Catalin; Ianasi (b. Svera), Paula; Negrea, Adina; Ciopec, Mihaela; Ivankov, Oleksandr I.; Kuklin, Alexander I.; Almasy, Laszlo; Putz, Ana-Maria	Effects of catalysts on structural and adsorptive properties of iron oxide-silica nanocomposites	KOREAN JOURNAL OF CHEMICAL ENGINEERING	38	2	http://dx.doi.org/10.1007/s11814-020-0675-2	2021	14	WOS:000615245500005	View Full Record in Web of Science	Q3
105	Dragan, Cristina Mihaela; Lelea, Dorin	Thermal Design Optimization of the Printed Circuit Board through Area Reduction	HEAT TRANSFER ENGINEERING	43	3-5	http://dx.doi.org/10.1080/01457632.2021.1874654	2021	9	WOS:000613819200001	View Full Record in Web of Science	Q3
106	Precup, R-E; Roman, R-C; Hedrea, E-L; Petriu, E. M.; Bojan-Dragos, C-A	Data-Driven Model-Free Sliding Mode and Fuzzy Control with Experimental Validation	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	16	1	http://dx.doi.org/10.1583/7/ijccc.2021.1.4076	2021	17	WOS:000608933000004	View Full Record in Web of Science	Q3
107	Ilia, Gheorghe; Simulescu, Vasile; Gheonea, Ramona; Crasmareanu, Eleonora; Hulka, Iosif	Grafting on metal oxide surface of phenyl phosphinic acid by using solid-state process	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	18	7	http://dx.doi.org/10.1007/s13738-020-02153-0	2021	9	WOS:000606178300002	View Full Record in Web of Science	Q3

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108	Popa, Gabriel Nicolae; Iagar, Angela; Dinis, Corina Maria	Considerations on Current and Voltage Unbalance of Nonlinear Loads in Residential and Educational Sectors	ENERGIES	14	1	http://dx.doi.org/10.3390/en14010102	2021	29	WOS:000605807100001	View Full Record in Web of Science	Q3
109	Kiss, Imre	Multi-Component Statistical Research in the area of Half-Hard Cast Iron Roll Manufacturing	ACTA POLYTECHNICA HUNGARICA	18	10		2021	21	WOS:000715342000013	View Full Record in Web of Science	Q3
110	Sava, Marcela	Composite Materials Behaviour. Study, Development and Implementation of the Hypoelastic Model	MATERIALE PLASTICE	58	2	http://dx.doi.org/10.37358/Mat.Plast.1964	2021	9	WOS:000769359000001	View Full Record in Web of Science	Q4
111	Avram, Liane; Goguta, Luciana; Galatanu, Sergiu-Valentin; Opris, Carmen; Ilie, Codruta; Jivanescu, Anca	Material Thickness Influence on Fracture Load of Polymer Infiltrated Ceramic Network CAD/CAM Restorations	MATERIALE PLASTICE	58	2	http://dx.doi.org/10.37358/Mat.Plast.1964	2021	10	WOS:000732998400002	View Full Record in Web of Science	Q4
112	Mohsin, Muhammad; Naseem, Sobia; Ivascu, Larisa; Cioca, Lucian-Ionel; Sarfraz, Muddassar; Stanica, Nicolae Cristian	GAUGING THE EFFECT OF INVESTOR SENTIMENT ON CRYPTOCURRENCY MARKET: AN ANALYSIS OF BITCOIN CURRENCY	ROMANIAN JOURNAL OF ECONOMIC FORECASTING	24	4		2021	16	WOS:000742742900005	View Full Record in Web of Science	Q4
113	Ursu, D.; Svera, P.; Banica, R.	Influence of PdS Loading upon Type Cd1-xZnxS Photocatalysts	JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY	43	6	http://dx.doi.org/10.3103/S1063455X22010106	2021	8	WOS:000750840600005	View Full Record in Web of Science	Q4
114	Popov, Dusan	GENERALIZED KLAUDER-PERELOMOV COHERENT STATES IN THE FRAME OF DIAGONAL OPERATORS ORDERING TECHNIQUE	REPORTS ON MATHEMATICAL PHYSICS	88	3		2021	22	WOS:000733704300005	View Full Record in Web of Science	Q4
115	Precup, Radu-Emil; Bojan-Dragos, Claudia-Adina; Hedrea, Elena-Lorena; Roman, Raul-Cristian; Petriu, Emil M.	Evolving Fuzzy Models of Shape Memory Alloy Wire Actuators	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	24	4		2021	13	WOS:000731880700002	View Full Record in Web of Science	Q4
116	Cioabla, Adrian Eugen; Ordodi, Laurentiu-Valentin; Rusu, Gerlinde	CHEMICAL AND THERMOGRAVIMETRY ANALYSIS FOR MUNICIPAL WASTE SLUDGE - CASE SCENARIO ANALYSIS	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	66	4	http://dx.doi.org/10.24193/subbchem.2021.4.20	2021	6	WOS:000731150600020	View Full Record in Web of Science	Q4
117	Manea, Adela; Tamas, Andra; Nitu, Sabina; Perju, Delia	THE STUDY OF THE RHEOLOGICAL BEHAVIOR AND THE OXIDATION STABILITY OF SOME COSMETIC EMULSIONS	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	66	4	http://dx.doi.org/10.24193/subbchem.2021.4.21	2021	13	WOS:000731150600021	View Full Record in Web of Science	Q4
118	Buse, Constantin; O'Regan, Donal; Saierli, Olivia	A SURJECTIVITY PROBLEM FOR 3 BY 3 MATRICES (vol 13, pg 111, 2019)	OPERATORS AND MATRICES	15	4	http://dx.doi.org/10.7153/oam-2021-15-98	2021	3	WOS:000724142200023	View Full Record in Web of Science	Q4
119	Isvoran, Adriana; Roman, Diana Larisa; Dascalu, Daniela; Vlad-Oros, Beatrice; Ciorsac, Alecu; Pitulice, Laura; Jonovic, Radojka; Stevanovic, Zoran; Ostafe, Vasile	HUMAN HEALTH EFFECTS OF HEAVY METAL POLLUTION IN THE CROSS-BORDER AREA OF ROMANIA AND SERBIA: A REVIEW	ECOLOGICAL CHEMISTRY AND ENGINEERING S-CHEMIA I INZYNIERIA EKOLOGICZNA S	28	3	http://dx.doi.org/10.2478/eces-2021-0025	2021	24	WOS:000720937300005	View Full Record in Web of Science	Q4
120	Neagu, Calin; Dubina, Dan; Dinu, Florea; Petran, Ioan	STRUCTURAL INVESTIGATIONS ON THE PROGRESSIVE COLLAPSE OF A STEEL-TIMBER INTERMEDIATE ROOFING	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	22	3		2021	10	WOS:000704186200007	View Full Record in Web of Science	Q4
121	Zaharia, Raul; Both, Ioan; Duma, Diana; Dubina, Dan	Fire protection assessment for the steel beams of a road bridge	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS	174	9	http://dx.doi.org/10.1680/jstbu.20.00082	2021	8	WOS:000702936700004	View Full Record in Web of Science	Q4

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122	Halbac-Cotoara-Zamfir, Rares; Cividino, Sirio; Egidi, Gianluca; Salvati, Luca	BUILDING FOR LOCAL RESILIENCE AND THE LATENT NEXUS BETWEEN VULNERABILITY AND SUSTAINABILITY IN METROPOLITAN REGIONS	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	20	7		2021	12	WOS:000677483000003	View Full Record in Web of Science	Q4
123	REHMAN, Muhammad Ateeq ur; SHAH, Syed Ghulam Meran; CIOCA, Lucian-Ionel; ARTENE, Alin	ACCENTUATING THE IMPACTS OF POLITICAL NEWS ON THE STOCK PRICE, WORKING CAPITAL AND PERFORMANCE: AN EMPIRICAL REVIEW OF EMERGING ECONOMY	ROMANIAN JOURNAL OF ECONOMIC FORECASTING	24	2		2021	19	WOS:000670673600004	View Full Record in Web of Science	Q4
124	Szakal, Raul Alexandra; Mecea, Darius; Bosioc, Alin Ilie; Borbath, Istvan; Muntean, Sebastian	DESIGN AND TESTING A MAGNETO-RHEOLOGICAL BRAKE WITH CYLINDRICAL CONFIGURATION	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	22	2		2021	9	WOS:000667515100010	View Full Record in Web of Science	Q4
125	Blaga, Robert; Calinoiu, Delia; Stefu, Nicoleta; Boata, Remus; Sabadus, Andreea; Paulescu, Eugenia; Pop, Nicolina; Mares, Oana; Bojin, Sorin; Paulescu, Marius	Quantification of the aerosol-induced errors in solar irradiance modeling	METEOROLOGY AND ATMOSPHERIC PHYSICS	133	4	http://dx.doi.org/10.1007/s00703-021-00815-z	2021	13	WOS:000668818200001	View Full Record in Web of Science	Q4
126	Stoia, Dan Ioan; Vigar, Cosmina; Opris, Carmen; Vasilescu, Marius	Properties and Medical Applications of Biocompatible Polyamide in Additive Manufacturing	MATERIALE PLASTICE	58	1	http://dx.doi.org/10.37358/Mat.Plast.1964	2021	8	WOS:000662226600001	View Full Record in Web of Science	Q4
127	Keller, Alexandra, I; Parisi, Maria Adelaide; Tsakanika, Eleftheria; Mosoarca, Marius	Influence of historic roof structures on the seismic behaviour of masonry structures	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS	174	5	http://dx.doi.org/10.1680/jstbu.19.00098	2021	14	WOS:000658176800009	View Full Record in Web of Science	Q4
128	Zgaverdea, Alina Corina; Ratiu, Sorin Aurel	Green Carbon from Algae for Automotive Applications	MATERIALE PLASTICE	58	1	http://dx.doi.org/10.37358/MP.21.1.5458	2021	15	WOS:000646943700002	View Full Record in Web of Science	Q4
129	Motoc, Sorina; Ianasi, Catalin; Baci, Anamaria; Delcioiu, Claudia; Sacarescu, Liviu; Putz, Ana-Maria; Manea, Florica	HUMIC ACID REMOVAL FROM WATER BY SORPTION AND PHOTOCATALYSIS UNDER VIS IRRADIATION USING Fe2O3/SILICA NANOCOMPOSITE	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	20	3		2021	11	WOS:000637746900002	View Full Record in Web of Science	Q4
130	Negrea, Sorina-Claudia; Baci, Anamaria; Voda, Raluca; Manea, Florica	ELECTROCHEMICAL DETECTION OF TETRACYCLINE AS EMERGENT POLLUTANT IN WATER USING CARBON NANOFIBER-CoAl2O4 ELECTRODE	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	20	3		2021	10	WOS:000637746900013	View Full Record in Web of Science	Q4
131	Boran, Sorina; Mosoarca, Giannin; Nitu, Sabina; Vancea, Cosmin	CITRUS BUTANOL ESTERS HAVING PLASTICIZING AND LUBRICANT CHARACTERISTICS OBTAINED IN A BUBBLE COLUMN TYPE REACTOR	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	66	1	http://dx.doi.org/10.24193/subbchem.2021.1.08	2021	9	WOS:000637282000009	View Full Record in Web of Science	Q4
132	Pricop, Marius; Talpos, Serban; Pricop, Cristiana; Urechescu, Horatiu; Szuhane, Camelia; Mateas, Marius	Cotton Fibers in Acrylic Facial Epithesis- a Thermal Analyze During Heat Exposure	MATERIALE PLASTICE	58	1	http://dx.doi.org/10.37358/mp.21.1.5449	2021	7	WOS:000637398100009	View Full Record in Web of Science	Q4
133	Stancu, Stelian; Grecu, Eugenia; Aceleanu, Mirela Ionela; Trasca, Daniela Livia; Albulescu, Claudiu Tiberiu	DOES FIRM SIZE MATTERS FOR FIRM GROWTH? EVIDENCE FROM THE ROMANIAN HEALTH SECTOR	ROMANIAN JOURNAL OF ECONOMIC FORECASTING	24	1		2021	15	WOS:000637384500002	View Full Record in Web of Science	Q4
134	Lazureanu, Cristian; Petrisor, Camelia; Hedrea, Ciprian	ON A DEFORMED VERSION OF THE TWO-DISK DYNAMO SYSTEM	APPLICATIONS OF MATHEMATICS	66	3	http://dx.doi.org/10.21136/AM.2021.0303-19	2021	28	WOS:000637446600001	View Full Record in Web of Science	Q4
135	Blaga, Robert; Calinoiu, Delia; Paulescu, Marius	A one-parameter family of clear-sky solar irradiance models adapted for different aerosol types	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	13	2	http://dx.doi.org/10.1063/5.0038619	2021	15	WOS:000627930100001	View Full Record in Web of Science	Q4

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136	Osaci, M.	Influence of Damping Constant on Models of Magnetic Hyperthermia	ACTA PHYSICA POLONICA A	139	1	http://dx.doi.org/10.12693/APhysPolA.139.51	2021	5	WOS:000620916200009	View Full Record in Web of Science	Q4
137	Badaluta-Minda, Codruta; Herbei, Mihai Valentin	ASSESSMENT OF WATER RESOURCES USING LANDSAT SATELLITE IMAGERY	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	20	2		2021	8	WOS:000620355500014	View Full Record in Web of Science	Q4
138	Buta, Ildiko; Shova, Sergiu; Ilies, Sorina; Manea, Florica; Andruh, Marius; Costisor, Otilia	Mono- and oligonuclear complexes based on a o-vanillin derived Schiff-base ligand: Synthesis, crystal structures, luminescent and electrochemical properties	JOURNAL OF MOLECULAR STRUCTURE	1248		http://dx.doi.org/10.1016/j.molstruc.2021.131439	2022	13	WOS:000709574500013	View Full Record in Web of Science	Q3
139	Reisz, Erika; Naumov, Sergej; Tekle-Roettering, Agnes; Schmidt, Winfried	Hydride transfer versus H-abstraction in the reaction of O-3 with 2-propanol: The influence of solvent	JOURNAL OF PHYSICAL ORGANIC CHEMISTRY	35	2	http://dx.doi.org/10.1002/poc.4288	2022	13	WOS:000700099600001	View Full Record in Web of Science	Q3
140	Brata, Silviana; Tanasa, Cristina; Dan, Daniel; Stoian, Valeriu; Dobosi, Ioan Silviu; Brata, Sorin	Energy potential of a ground-air heat exchanger - measurements and computational models	SCIENCE AND TECHNOLOGY FOR THE BUILT ENVIRONMENT	28	1	http://dx.doi.org/10.1080/23744731.2021.1898244	2022	10	WOS:000629854900001	View Full Record in Web of Science	Q3
141	Popa, Simona; Mosoarca, Giannin; Macarie, Lavinia; Plesu, Nicoleta; Ilia, Gheorghe; Tara-Lunga-Mihali, Milica	Copolymerization of butyl acrylate with methyl methacrylate in a bubble column reactor and the use of copolymer in corrosion protection	POLYMER BULLETIN	79	2	http://dx.doi.org/10.1007/s00289-020-03502-y	2022	21	WOS:000606768300001	View Full Record in Web of Science	Q3
142	Albulescu, Claudiu Tiberiu; Miclea, Serban; Grecu, Eugenia	Firm-level TFP convergence: an application to the German electricity and gas industry	APPLIED ECONOMICS LETTERS	29	9	http://dx.doi.org/10.1080/13504851.2021.1887803	2022	7	WOS:000620507500001	View Full Record in Web of Science	Q4
143	Sarfraz, M.; Ye, Z.; Dragan, F.; Ivascu, L.; Artene, A.	Digital Transformation Strategy and Environmental Performance: A Case Study	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	17	6	http://dx.doi.org/10.1583/7/ijccc.2022.6.5029	2022	15	WOS:000916072300009	View Full Record in Web of Science	Q3
144	Simo, A.; Dzitac, S.; Badea, G. E.; Meianu, D.	Smart Agriculture: IoT-based Greenhouse Monitoring System	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	17	6	http://dx.doi.org/10.1583/7/ijccc.2022.6.5039	2022	17	WOS:000916072300010	View Full Record in Web of Science	Q3
145	Paslaru, Liliana; Bindea, Gabriela; Nastase, Anca; Sorop, Andrei; Zimbru, Cristian; Herlea, Vlad; Hrehoret, Doina; Brasoveanu, Vlad; Zamfir, Radu; Dima, Simona; Popescu, Irinel	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	MEDICINA-LITHUANIA	58	12	http://dx.doi.org/10.3390/medicina58121803	2022	39	WOS:000902964400001	View Full Record in Web of Science	Q3
146	Cioabla, Adrian Eugen; Popescu, Francisc; Bacos, Timotei Bogdan	Experimental Analysis for Determining Potential of Wastewater Sludge Mixed with Degraded Biomass as Substrates for Biogas Production	ENERGIES	15	22	http://dx.doi.org/10.3390/en15228773	2022	9	WOS:000887349200001	View Full Record in Web of Science	Q3
147	Andreescu, N.; Sharma, A.; Mihailescu, A.; Zimbru, C. G.; David, V. L.; Horhat, R.; Kundnani, N. R.; Puiu, M.; Farcas, S.	Chest wall deformities and their possible associations with different genetic syndromes	EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES	26	14	http://dx.doi.org/10.26355/eurrev_202207_29298	2022	8	WOS:000841903400022	View Full Record in Web of Science	Q3
148	Popa, Gabriel Nicolae	Electric Power Quality through Analysis and Experiment	ENERGIES	15	21	http://dx.doi.org/10.3390/en15217947	2022	14	WOS:000882240000001	View Full Record in Web of Science	Q3
149	Popov, Dusan; Negrea, Romeo	Some Integrals Involving Meijer's and Hypergeometric Functions Using the Coherent State Technique	MATHEMATICAL PROBLEMS IN ENGINEERING	2022		http://dx.doi.org/10.1155/2022/1284378	2022	13	WOS:000877883300001	View Full Record in Web of Science	Q3
150	Trusculescu, Ana Adriana; Manolescu, Diana Luminita; Broasca, Laura; Ancusa, Versavia Maria; Ciocarlie, Horia; Pescaru, Camelia Corina; Vastag, Emanuela; Oancea, Cristian Iulian	Enhancing Imagistic Interstitial Lung Disease Diagnosis by Using Complex Networks	MEDICINA-LITHUANIA	58	9	http://dx.doi.org/10.3390/medicina58091288	2022	18	WOS:000859111700001	View Full Record in Web of Science	Q3

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151	Stoica, Eniko Tunde; Marcauteanu, Corina; Tudor, Anca; Duma, Virgil-Florin; Amaricai, Elena Constanta; Onofrei, Roxana; Suciu, Oana; Negrutiu, Meda Lavinia; Sinescu, Cosmin	Influence of the Text Neck Posture on the Static Dental Occlusion	MEDICINA-LITHUANIA	58	9	http://dx.doi.org/10.3390/medicina58091303	2022	14	WOS:000856960000001	View Full Record in Web of Science	Q3
152	Sarbu, Ioan; Mirza, Matei; Muntean, Daniel	Integration of Renewable Energy Sources into Low-Temperature District Heating Systems: A Review	ENERGIES	15	18	http://dx.doi.org/10.3390/en15186523	2022	28	WOS:000856442200001	View Full Record in Web of Science	Q3
153	Cuzic, Cristiana; Pricop, Marius Octavian; Jivanescu, Anca; Ursoniu, Sorin; Negru, Radu Marcel; Rominu, Mihai	Assessment of Different Techniques for Adhesive Cementation of All-Ceramic Systems	MEDICINA-LITHUANIA	58	8	http://dx.doi.org/10.3390/medicina58081006	2022	8	WOS:000845446100001	View Full Record in Web of Science	Q3
154	Broasca, Laura; Trusculescu, Ana Adriana; Ancusa, Versavia Maria; Ciocarlie, Horia; Oancea, Cristian-Iulian; Stoicescu, Emil-Robert; Manolescu, Diana Luminita	A Novel Method for Lung Image Processing Using Complex Networks	TOMOGRAPHY	8	4	http://dx.doi.org/10.3390/tomography8040162	2022	19	WOS:000845153800001	View Full Record in Web of Science	Q3
155	Sirbu, Elena; Varga, Mihaela Giorgiana; Rata, Andreea Luciana; Amaricai, Elena; Onofrei, Roxana Ramona	Work-related musculoskeletal complaints in massage practitioners	WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATION	72	3	http://dx.doi.org/10.3233/WOR-205306	2022	7	WOS:000827333200012	View Full Record in Web of Science	Q3
156	Secasan, Ciprian Cosmin; Onchis, Darian; Bardan, Razvan; Cumpanas, Alin; Novacescu, Dorin; Botoca, Corina; Dema, Alis; Sporea, Ioan	Artificial Intelligence System for Predicting Prostate Cancer Lesions from Shear Wave Elastography Measurements	CURRENT ONCOLOGY	29	6	http://dx.doi.org/10.3390/curroncol29060336	2022	12	WOS:000816187200001	View Full Record in Web of Science	Q3
157	Lupa, Sorin-Ioan; Gagnon, Martin; Muntean, Sebastian; Abdul-Nour, Georges	The Impact of Water Hammer on Hydraulic Power Units	ENERGIES	15	4	http://dx.doi.org/10.3390/en15041526	2022	27	WOS:000816120400001	View Full Record in Web of Science	Q3
158	Luputi, Antonio-Marius-Flavius; Lovasz, Erwin-Christian; Ceccarelli, Marco; Sticlaru, Carmen; Scurt (Stoian), Ana-Maria	Kinematic study of feasibility of geared planar parallel manipulator	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	236	18	http://dx.doi.org/10.1177/09544062221105988	2022	16	WOS:000811661500001	View Full Record in Web of Science	Q3
159	Moza, Gheorghe; Sterpu, Mihaela; Rocsoreanu, Carmen	An analysis of two degenerate double-Hopf bifurcations	ELECTRONIC RESEARCH ARCHIVE	30	1	http://dx.doi.org/10.3934/era.2022020	2022	22	WOS:000806762600020	View Full Record in Web of Science	Q3
160	Mocuta (Bojoga), Daliana-Emanuela; Grad (Buriac), Oana; Mateas, Marius; Luca, Ruxandra; Todea, Darinca Carmen	Comparative Evaluation of Influence of Nd:YAG Laser (1064 nm) and 980 nm Diode Laser on Enamel around Orthodontic Brackets: An In Vitro Study	MEDICINA-LITHUANIA	58	5	http://dx.doi.org/10.3390/medicina58050633	2022	18	WOS:000801901000001	View Full Record in Web of Science	Q3
161	Sarfraz, Muddassar; Hafeez, Hira; Abdullah, Muhammad Ibrahim; Ivascu, Larisa; Ozturk, Ilknur	The effects of the COVID-19 pandemic on healthcare workers' psychological and mental health: The moderating role of felt obligation	WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATION	71	3	http://dx.doi.org/10.3233/WOR-211073	2022	12	WOS:000789177200008	View Full Record in Web of Science	Q3
162	Song Zhijie; Gull, Nida; Asghar, Muhammad; Sarfraz, Muddassar; Shi, Rui; Rafique, Muhammad Asim	Polychronicity, Time Perspective, and Procrastination Behavior at the Workplace: An Empirical Study	ANALES DE PSICOLOGIA	38	2	http://dx.doi.org/10.6018/analesps.427401	2022	10	WOS:000790250900015	View Full Record in Web of Science	Q3
163	Filep, A. -D.; Todinca, T.; Dumitrel, G. -A.	Triethylene Glycol Dehydration of Natural Gas: Evaluation of Mass and Heat Transfer Coefficients in the Case of Absorption and Stripping Structured Packing Towers	CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY	36	1	http://dx.doi.org/10.1525/CABEQ.2021.1998	2022	14	WOS:000787343100003	View Full Record in Web of Science	Q3
164	Simo, A.; Dzitic, S.; Dzitic, D.	First Responders' Localization and Health Monitoring During Rescue Operations	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	17	1	http://dx.doi.org/10.1583/7/ijccc.2022.2.4665	2022	13	WOS:000754790600004	View Full Record in Web of Science	Q3
165	Jitian, Simion; Bratu, Ioan	Changing the optical properties of poly(methyl methacrylate) superficial films during UV irradiation	SPECTROSCOPY LETTERS	55	3	http://dx.doi.org/10.1080/00387010.2022.2046105	2022	13	WOS:000764931300001	View Full Record in Web of Science	Q3

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166	Marinca, Vasile; Herisanu, Nicolae	Approximate Analytical Solutions to Nonlinear Oscillations of Horizontally Supported Jeffcott Rotor	ENERGIES	15	3	http://dx.doi.org/10.3390/en15031122	2022	12	WOS:000755370300001	View Full Record in Web of Science	Q3
167	Precup, R-E; Roman, R-C; Hedrea, E-L; Bojan-Dragos, C-A; Damian, M-M; Nedelcea, M-L	Performance Improvement of Low-Cost Iterative Learning-Based Fuzzy Control Systems for Tower Crane Systems	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	17	1	http://dx.doi.org/10.15837/ijccc.2022.1.4623	2022	18	WOS:000752413400001	View Full Record in Web of Science	Q3
168	Forton, Andrei; Mangiafico, Salvatore; Sauzeat, Cedric; Di Benedetto, Herve; Marc, Paul	Critical Temperatures Blending Chart for Binder Blends Produced with RAP Binder and Rejuvenator	JOURNAL OF TESTING AND EVALUATION	50	1	http://dx.doi.org/10.1520/JTE20200710	2022	19	WOS:000747650800001	View Full Record in Web of Science	Q3
169	Lala, Timotei; Chirla, Darius-Pavel; Radac, Mircea-Bogdan	Model Reference Tracking Control Solutions for a Visual Servo System Based on a Virtual State from Unknown Dynamics	ENERGIES	15	1	http://dx.doi.org/10.3390/en15010267	2022	25	WOS:000741770000001	View Full Record in Web of Science	Q3
170	Daianu, Dan M.	Sections in functional equations: stability and hyperstability	AEQUATIONES MATHEMATICAE	96	4	http://dx.doi.org/10.1007/s00010-021-00862-2	2022	17	WOS:000738414800001	View Full Record in Web of Science	Q3
171	Casut, Cristian; Bucur, Raul; Miclau, Nicolae; Malaescu, Iosif; Miclau, Marinela	Biphasic BiFeO ₃ ceramics based on rhombohedral and tetragonal polymorphs	ADVANCES IN APPLIED CERAMICS	121	5-8	http://dx.doi.org/10.1080/17436753.2023.2170618	2022	8	WOS:000921890000001	View Full Record in Web of Science	Q3
172	Nichita, Ileana; Visa, Aurelia; Maranescu, Bianca; Lupa, Lavinia; Popa, Adriana	Synthesis and Characterization of Modified Chitosan with Aminophosphonic Groups and Zn(II) Ions and Assessment as Potential Antibacterial Adsorbent	MATERIALE PLASTICE	59	4	http://dx.doi.org/10.37358/MP.22.4.5631	2022	10	WOS:000965030700011	View Full Record in Web of Science	Q4
173	Floare, Alin Daniel; Focht, David; Hajdu, Adrian Ioan; Talpos, Ioana Cristina Niculescu; Balean, Octavia Iulia; Muntean, Cornelia Veronica; Sebesan, Dorian; Jumanca, Daniela Elisabeta; Galuscan, Atena	Ozone and microstructural morphological changes of tooth enamel	ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY	63	3	http://dx.doi.org/10.47162/RJME.63.3.08	2022	6	WOS:000965555000008	View Full Record in Web of Science	Q4
174	Sarfraz, Muddassar; Ye, Zhixiao; Banciu, Doina; Dragan, Florin; Ivascu, Larisa	Intertwining Digitalization and Sustainable Performance via the Mediating Role of Digital Transformation and the Moderating Role of FinTech Behavior Adoption	STUDIES IN INFORMATICS AND CONTROL	31	4	http://dx.doi.org/10.24846/v31i4y202204	2022	10	WOS:000903966600004	View Full Record in Web of Science	Q4
175	Martin, Adrian Daniel; Tutela, Lucian; Babau, Radu; Boldea, Ion	IMPROVED ACTIVE TORQUE PULSATION REDUCTION METHOD FOR PULSATING LOADS DRIVEN BY INDUCTION MACHINES	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	67	4		2022	7	WOS:000932012700008	View Full Record in Web of Science	Q4
176	Precup, Radu-Emil; Duca, Gheorghe; Travin, Sergey; Zinicovscaia, Inga	PROCESSING, NEURAL NETWORK-BASED MODELING OF BIOMONITORING STUDIES DATA AND VALIDATION ON REPUBLIC OF MOLDOVA DATA	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	23	4		2022	8	WOS:000911865200010	View Full Record in Web of Science	Q4
177	Pevnaya, M., V; Shuklina, E. A.; Cemicova-Buca, M.	STUDENTS' PARTICIPATION IN THE SOCIO-CULTURAL DEVELOPMENT OF THE CITY: SOCIO-CULTURAL AGENCY ISSUES (INTERNATIONAL RESEARCH PERSPECTIVES)	SOTSIOLOGICHESKIE ISSLEDOVANIYA		5	http://dx.doi.org/10.31857/S013216250018512-6	2022	13	WOS:000893167400010	View Full Record in Web of Science	Q4
178	Stoia, Dan Ioan; Galatanu, Sergiu-Valentin; Marsavina, Liviu	Impact properties of laser sintered polyamide, according to building orientation	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY			http://dx.doi.org/10.1007/s12206-022-2108-0	2022	5	WOS:000881751700002	View Full Record in Web of Science	Q4
179	Bucur, Flavius; Socalici, Ana; Berghian, Adina Budiul; Baneasa, Corneliu Birtok; Pascu, Liviu	The Tribology of Composite Materials Used for Manufacturing Brake Shoes	MATERIALE PLASTICE	59	3	http://dx.doi.org/10.37358/MP.22.3.5602	2022	8	WOS:000883917200002	View Full Record in Web of Science	Q4

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180	Vasilescu, Mircea Dorin	Preliminary Technological and Environmental Considerations for Generating Mechanical Components using Plant-based UV Resin	MATERIALE PLASTICE	59	3	http://dx.doi.org/10.37358/MP.22.3.5618	2022	13	WOS:000883917200018	View Full Record in Web of Science	Q4
181	Manea, Elena Adela; Perju, Maria Delia; Tamas, Andra	CONTRIBUTIONS TO THE STUDY OF COSMETIC EMULSIONS USING ANALYTICAL-EXPERIMENTAL MATHEMATICAL MODELS	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	67	2	http://dx.doi.org/10.24193/subbchem.2022.2.06	2022	16	WOS:000868939800006	View Full Record in Web of Science	Q4
182	Azizi, Yousef; Soleimani, Mohammad; Sedighy, Seyed Hasan; Matekovits, Ladislau	Bi-Static Radar Cross-Section Test Method by using Historic Marconi Set-up and Time Gating	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	37	2	http://dx.doi.org/10.13052/2022.ACES.J.370206	2022	7	WOS:000856953900006	View Full Record in Web of Science	Q4
183	Badaluta-Minda, Codruta; Herbei, Mihai Valentin	MODELLING THE SURFACE RUNOFF IN THE BARZAVA BASIN BASED ON GEOGRAPHIC INFORMATION SYSTEMS AND HEC GeoHMS	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	21	5		2022	9	WOS:000852744700014	View Full Record in Web of Science	Q4
184	Flori, Mihaela	Influence of Hydraulic Retention Time on Organic Pollutants Elimination from Wastewater	JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY	44	4	http://dx.doi.org/10.3103/S1063455X22040075	2022	4	WOS:000844761100002	View Full Record in Web of Science	Q4
185	MOSOARCA, G. I. A. N. N. I. N.; VANCEA, C. O. S. M. I. N.; POPA, S. I. M. O. N. A.; RADULESCU-GRAD, M. A. R. I. A. E. L. E. N. A.; BORAN, S. O. R. I. N. A.	Powdered adsorbent obtained from bathurst burr biomass for methylene blue removal from aqueous solutions	JOURNAL OF THE SERBIAN CHEMICAL SOCIETY			http://dx.doi.org/10.2298/JSC220316039M	2022	15	WOS:000835424700001	View Full Record in Web of Science	Q4
186	Binzar, T.; Lazureanu, C.	Wold-Type Decompositions for Pairs of Commutative Semigroups Generated by Isometries	FUNCTIONAL ANALYSIS AND ITS APPLICATIONS	56	1	http://dx.doi.org/10.1134/S001626632201004X	2022	11	WOS:000833024800004	View Full Record in Web of Science	Q4
187	Nicolescu, Laura-Corina; Popescu, Candice-Luana; Popescu, Carmen-Violeta; Nicolescu, Cristian-Mircea; Nesi, Alexandru; Pilat, Luminita; Stanciu, Antonius Nicolae; Mihu, Alin Gabriel	THE EVALUATION OF VITAMIN D DEFICIENCY AS A RISK FACTOR IN THE CASE OF PATIENTS WITH MODERATE COVID-19	FARMACIA	70	3	http://dx.doi.org/10.31925/farmacia.2022.3.17	2022	7	WOS:000820244800017	View Full Record in Web of Science	Q4
188	Albulescu, Claudiu Tiberiu; Stancu, Stelian; Grecu, Eugenia; Trasca, Daniela Livia	INFLATION, INFLATION UNCERTAINTY AND FUEL PRICES IN THE EU	ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH	56	2	http://dx.doi.org/10.24818/18423264/56.2.22.03	2022	12	WOS:000819597400003	View Full Record in Web of Science	Q4
189	Boldea, Ion; Popa, Ana Adela; Tutelea, Lucian	OPTIMAL DESIGN OF VARIABLE SPEED ELECTRIC MOTOR-GENERATOR DRIVES: AN OVERVIEW	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	23	2		2022	15	WOS:000817811400009	View Full Record in Web of Science	Q4
190	Stroita, Daniel Catalin; Manea, Adriana Sida	FREQUENCY MODELLING AND DYNAMIC IDENTIFICATION OF CROSS-FLOW WATER TURBINES	THERMAL SCIENCE	26	2	http://dx.doi.org/10.2298/TSCI201017354S	2022	10	WOS:000813476200004	View Full Record in Web of Science	Q4
191	Mosoarca, G.; Vancea, C.; Popa, S.; Boran, S.	Optimization of crystal violet adsorption on common lilac tree leaf powder as natural adsorbent material	GLOBAL NEST JOURNAL	24	1	http://dx.doi.org/10.30955/gnj.003951	2022	10	WOS:000797022700011	View Full Record in Web of Science	Q4
192	Albulescu, Claudiu Tiberiu	Bank Financial Stability and International Oil Prices: Evidence from Listed Russian Public Banks	EASTERN EUROPEAN ECONOMICS	60	3	http://dx.doi.org/10.1080/00128775.2022.2064876	2022	30	WOS:000784486500001	View Full Record in Web of Science	Q4
193	Bucur, A.; Banica, R.; Pascariu, M. C.; Poienar, M.; Mosoarca, C.; Bucur, R.; Negrea, A.; Hulkan, I.	Eco-valorification of marine shells by hydrothermal conversion in alkaline media	DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES	17	1	http://dx.doi.org/10.15251/DJNB.2022.171.153	2022	8	WOS:000783847700001	View Full Record in Web of Science	Q4
194	Druta, Romina; Druta, Cristian-Filip; Silea, Ioan	Evaluation of Remote Data Compression Methods	STUDIES IN INFORMATICS AND CONTROL	31	1	http://dx.doi.org/10.24846/v31i1y202206	2022	12	WOS:000779783700006	View Full Record in Web of Science	Q4

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195	DANIELESCU, D. A. N. C. R. I. S. T. I. A. N.; CIOABLA, A. D. R. I. A. N. E. U. G. E. N.; PODE, V. A. S. I. L. E.	STUDY CONCERNING PERFORMANCES OF TWO TYPES OF PREHYDROLYZED POLYMER IN COMPARISON WITH ALUMINUM SULPHATE AS A COAGULANT FOR WASTE WATER	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	67	1	http://dx.doi.org/10.24193/subbchem.2022.1.08	2022	13	WOS:000776596900008	View Full Record in Web of Science	Q4
196	Pevnaya, Maria; Kostina, Svetlana; Cernicova-Buca, Mariana; Kazmierczyk, Jerzy; Asoyan, Lilit	Potential of Youth Participation in Local Territory Branding Management	LEX LOCALIS-JOURNAL OF LOCAL SELF-GOVERNMENT	20	1	http://dx.doi.org/10.4335/20.1.193-214(2022)	2022	22	WOS:000768786200008	View Full Record in Web of Science	Q4
197	Kouhalvandi, Lida; Matekovits, Ladislau	Combinational of surrogate modeling and particle swarm optimization for improving the electromagnetic performances of a frequency selective surface	SIGNAL IMAGE AND VIDEO PROCESSING	17	4	http://dx.doi.org/10.1007/s11760-022-02371-4	2023	6	WOS:000865887200001	View Full Record in Web of Science	Q3
198	Ille, Codruta; Moaca, Elena-Alina; Pop, Daniel; Goguta, Luciana; Opris, Carmen; Pirvulescu, Ioana Ligia; Avram, Liane; Faur, Andrei; Jivanescu, Anca	Compressive strength evaluation of thin occlusal veneers from different CAD/CAM materials, before and after acidic saliva exposure	ODONTOLOGY	111	2	http://dx.doi.org/10.1007/s10266-022-00741-5	2023	15	WOS:000852931000002	View Full Record in Web of Science	Q3
199	Brezovan, Marius; Precup, Radu-Emil; Selisteanu, Dan; Stanescu, Liana	Colored Petri nets-based control and experimental validation on three-tank system level control	INTERNATIONAL JOURNAL OF GENERAL SYSTEMS	52	1	http://dx.doi.org/10.1080/03081079.2022.2086542	2023	47	WOS:000815821800001	View Full Record in Web of Science	Q3
200	Simo, A.; Dzitac, S.; Dutu, A.; Pandelica, I.	Smart Agriculture in the Digital Age: A Comprehensive IoT-Driven Greenhouse Monitoring System	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	18	6	http://dx.doi.org/10.15837/ijccc.2023.6.6147	2023	13	WOS:001098573300007	View Full Record in Web of Science	Q3
201	Valean, Estera; Foti, Pietro; Razavi, Seyed Mohammad Javad; Berto, Filippo; Marsavina, Liviu	Static and fatigue behavior of 3D printed PLA and PLA reinforced with short carbon fibers	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	37	11	http://dx.doi.org/10.1007/s12206-023-2307-3	2023	5	WOS:001078326400013	View Full Record in Web of Science	Q3
202	Muntean, Nicolae; Cornea, Octavian; Hulea, Dan; Gireada, Mihaita; Vitan, Danut	CONTRIBUTIONS TO THE DEVELOPMENT OF A NEW FAMILY OF HYBRID DC-DC CONVERTERS	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	24	4		2023	9	WOS:001127857700006	View Full Record in Web of Science	Q3
203	Tinca, Iulia-Eliza; Davidescu, Arjana	Analytical Fatigue Life Prediction of Ball Grid Array Solder Joints	JOURNAL OF ELECTRONIC MATERIALS	52	12	http://dx.doi.org/10.1007/s11664-023-10724-z	2023	10	WOS:001071866900003	View Full Record in Web of Science	Q3
204	Demjen, Tivadar; Lovasz, Erwin-Christian; Ceccarelli, Marco; Sticlaru, Carmen; Luputi, Antonio-Marius-Flavius; Oarcea, Alexandru; Silaghi-Perju, Dan-Cristian	Design of the five-bar linkage with singularity-free workspace	ROBOTICA	41	11	http://dx.doi.org/10.1017/S0263574723001042	2023	19	WOS:001046492400001	View Full Record in Web of Science	Q3
205	Stana, Adelina Diana; Sora, Ioana	Logical dependencies: extraction from the versioning system and usage in key classes detection	COMPUTER SCIENCE AND INFORMATION SYSTEMS	20	3	http://dx.doi.org/10.2298/CSIS220518025S	2023	21	WOS:001031637500009	View Full Record in Web of Science	Q3
206	Ianasi, Catalin; Pascu, Bogdan; Nemes, Nicoleta; Popa, Alexandru	Synthesis and Characterization of Amorphous SiO ₂ -Fe ₃ O ₄ Materials Starting from Iron Sulfate for Preliminary Studies of CO ₂ Adsorption	SEPARATIONS	10	6	http://dx.doi.org/10.3390/separations10060352	2023	21	WOS:001017758700001	View Full Record in Web of Science	Q3
207	Marinca, Bogdan; Marinca, Vasile	ANALYTICAL METHOD FOR NONLINEAR MEMRISTIVE SYSTEMS	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	24	2		2023	7	WOS:001027043900008	View Full Record in Web of Science	Q3

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208	Jasim, Ali M.; Jasim, Basil H.; Neagu, Bogdan-Constantin; Attila, Simo	Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids	ENERGIES	16	6	http://dx.doi.org/10.3390/en16062570	2023	29	WOS:000957982400001	View Full Record in Web of Science	Q3
209	Popa, Gabriel Nicolae; Dinis, Corina Maria; Iagar, Angela	Investigations on Three-Section Plate-Type Electrostatic Precipitators Used in Thermoelectric Power Plants	ENERGIES	16	3	http://dx.doi.org/10.3390/en16031186	2023	25	WOS:000930428800001	View Full Record in Web of Science	Q3
210	Gireada, Mihaita; Hulea, Dan; Muntean, Nicolae; Comea, Octavian	A Common-Ground Bidirectional Hybrid Switched-Capacitor DC-DC Converter with a High Voltage Conversion Ratio	ENERGIES	16	3	http://dx.doi.org/10.3390/en16031337	2023	25	WOS:000929808900001	View Full Record in Web of Science	Q3
211	Wickramarathna, Sudeera; Goetz III, John; Souder, Jon; Protzman, Benjamin; Shepard, Brian; Herban, Sorin; Mauro, Francisco; Hailemariam, Temesgen; Strimbu, Bogdan M.	Assessment of herbaceous vegetation classification using orthophotos produced from the image acquired with unmanned aerial systems	NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA	51	3	http://dx.doi.org/10.15835/nbha51313227	2023	13	WOS:001108689300003	View Full Record in Web of Science	Q3
212	Sun, Jianmin; Sarfraz, Muddassar; Ivascu, Larisa; Ozturk, Ilknur	How does organizational culture affect employees' mental health during COVID-19? The mediating role of transparent communication	WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATION	76	2	http://dx.doi.org/10.3233/WOR-220365	2023	16	WOS:001091663100006	View Full Record in Web of Science	Q3
213	Jakab, Dominiq; Marginean, Ioan; Dubina, Dan	ROBUSTNESS CAPACITY OF MULTISTOREY STEEL STRUCTURES IN CASE OF FIRE AFTER EARTHQUAKE EVENTS	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	24	1		2023	8	WOS:000962391300010	View Full Record in Web of Science	Q3
214	Khan, Jalal; Ullah, Sadiq; Ali, Usman; Matekovits, Ladislau; Tahir, Farooq Ahmad; Abbasi, Muhammad Inam	A 37 GHz Millimeter-Wave Antenna Array for 5G Communication Terminals	CMC-COMPUTERS MATERIALS & CONTINUA	75	1	http://dx.doi.org/10.32604/cmc.2023.029879	2023	14	WOS:000940250900008	View Full Record in Web of Science	Q3
215	Ivascu, Larisa; Ali, Waqas; Khalid, Rimsha; Raza, Mohsin	The Impact of Competitive Strategies on Performance of Banking Sector; The Mediating Role of Corporate Social Responsibility and Operational Excellence	ENERGIES	16	1	http://dx.doi.org/10.3390/en16010297	2023	18	WOS:000909047900001	View Full Record in Web of Science	Q3
216	Ardelean, Radu; Popa, Adriana; Dragan, Ecaterina-Stela; Davidescu, Corneliu-Mircea	Removal of Aromatic Amino-derivatives from Aqueous Solutions Using Polymeric Supports Functionalized with Aminophosphonated/aminoacid-phosphonated Groups	MATERIALE PLASTICE	60	4	http://dx.doi.org/10.37358/MP.23.4.5685	2023	10	WOS:001143872900001	View Full Record in Web of Science	Q4
217	Marica, Andreea; Fritea, Luminita; Banica, Florin; Hulka, Iosif; Rusu, Gerlinde; Sinescu, Cosmin; Costea, Traian Octavian; Cavalu, Simona	Evaluating the bioactivity of endodontic sealers with respect to their thermomechanical properties	MATERIALS SCIENCE-POLAND	41	3	http://dx.doi.org/10.2478/msp-2023-0038	2023	14	WOS:001167519700001	View Full Record in Web of Science	Q4
218	Dragomir, Toma-Leonida; Caiman, Dadiana-Valeria; Barbulescu, Corneliu; Nanu, Sorin	Extended Use of the Parameter Observer on a Class of Second-Order Systems	STUDIES IN INFORMATICS AND CONTROL	32	3	http://dx.doi.org/10.24846/v32i3y202306	2023	10	WOS:001089145600006	View Full Record in Web of Science	Q4
219	Gubencu, Dinu-Valentin	Experimental Investigation for the Prediction of Surface Roughness Height Parameters in Abrasive Water Jet Cutting of Kevlar/epoxy Composites	MATERIALE PLASTICE	60	3	http://dx.doi.org/10.37358/MP.23.3.5679	2023	12	WOS:001083326000010	View Full Record in Web of Science	Q4
220	Pinca-Bretotean, Camelia; Josan, Ana; Sharma, Arun Kumar	Composites Based on Sustainable Biomass Fiber for Automotive Brake Pads	MATERIALE PLASTICE	60	1	http://dx.doi.org/10.37358/MP.23.1.5642	2023	9	WOS:001042086100004	View Full Record in Web of Science	Q4
221	Roman, Raul-Cristian; Precup, Radu-Emil; Petriu, Emil M.; Muntyan, Mihai	Fictitious Reference Iterative Tuning of Discrete-Time Model-Free Control for Tower Crane Systems	STUDIES IN INFORMATICS AND CONTROL	32	1	http://dx.doi.org/10.24846/v32i1y202301	2023	10	WOS:000952392400001	View Full Record in Web of Science	Q4

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222	Dima, George-Daniel; Serboiu, Oana-Tabita; Dan, Mircea Laurentiu; Costea, Liviu-Virgil	VALERIAN EXTRACT USED AS POTENTIAL CORROSION INHIBITOR FOR CARBON STEEL IN DIFFERENT MEDIA	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	68	3	http://dx.doi.org/10.24193/subbchem.2023.3.06	2023	16	WOS:001100374900006	View Full Record in Web of Science	Q4
223	Zakota, Zoltan; Sabau, Nicu Cornel	THE ROLE OF CIVIL SOCIETY IN AVOIDING WATER CONFLICTS AND PROMOTING HYDROSOLIDARITY	CIVIL SZEMLÉ	20	2		2023	221	WOS:001050569900012	View Full Record in Web of Science	Q4
224	Vaszilcsin, Cristian George; Putz, Mihai V.; Dan, Mircea L.; Medeleanu, Mihai	MYRICETIN AS CORROSION INHIBITOR FOR METALS IN ALCOHOLIC SOLUTIONS	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	68	2	http://dx.doi.org/10.24193/subbchem.2023.2.02	2023	14	WOS:001032276300002	View Full Record in Web of Science	Q4
225	Izvoareanu, Stefan; Cioabla, Adrian Eugen; Bacos, Timotei Bogdan; Borborean, Andrei Tiberiu; Genic, Sbrislav B.; Lelea, Dorin; Popescu, Francisc; Trumic, Maja S.	EXPERIMENTAL APPROACH FOR CATALYTIC COMBUSTION OF BIOGAS Preliminary Research	THERMAL SCIENCE	27	2B	http://dx.doi.org/10.2298/TSCI2207161821	2023	10	WOS:001015480700004	View Full Record in Web of Science	Q4
226	Udrea, Ioan-Alexandru; Ordodi, Valentin; Paul, Cristina; Stanese, Cristian; Vaszilcsin, Nicolae	EFFECTS OF PULSED ELECTRIC FIELD ON THE ESTERIFICATION REACTIONS	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	68	1	http://dx.doi.org/10.24193/subbchem.2023.1.04	2023	10	WOS:000973917200004	View Full Record in Web of Science	Q4
227	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Boran, Sorina; Negrea, Petru; Radulescu-Grad, Maria Elena	STUDIES REGARDING COPPER IONS REMOVAL FROM WASTEWATERS USING OAK WOOD ASH AND THE EFFECT OF EXHAUSTED ASH AS SOIL AMENDMENT	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	68	1	http://dx.doi.org/10.24193/subbchem.2023.1.14	2023	17	WOS:000973917200012	View Full Record in Web of Science	Q4
228	Ivanovici, Madalina; Cioabla, Adrian-Eugen; Dumitrel, Gabriela-Alina; Pana, Ana -Maria; Ordodi, Laurentiu-Valentin	EXPERIMENTAL LAB-SCALE BIOGAS PRODUCTION BY ANAEROBIC CO-DIGESTION OF AGRICULTURAL RESIDUES AND BREWERY WASTEWATER	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	68	1	http://dx.doi.org/10.24193/subbchem.2023.1.17	2023	12	WOS:000973917200015	View Full Record in Web of Science	Q4
229	Serban, Sorina Gabriela; Strugariu, Laura Maria; Jitian, Simion	The influence of solvents on the appearance of the absorption bands of the polystyrene films deposited from solutions on metal mirrors	OPTICA APPLICATA	53	1	http://dx.doi.org/10.3719/0/oa230101	2023	15	WOS:000968075400001	View Full Record in Web of Science	Q4
230	Albulescu, Claudiu Tiberiu	Total factor productivity and tax avoidance: An asymmetric micro-data analysis for European oil and gas companies	ECONOMICS OF ENERGY & ENVIRONMENTAL POLICY	13	2	http://dx.doi.org/10.5547/2160-5890.13.2.calb	2024	24	WOS:001406213900008	View Full Record in Web of Science	Q3
231	Hora, Simina Teodora; Gruescu, Corina-Mihaela; Bungau, Constantin; Bodea, Renata	Innovative approaches to optimized cutting planning in the garment industry	INDUSTRIA TEXTILA	75	4	http://dx.doi.org/10.3553/0/IT.075.04.202386	2024	7	WOS:001338148300007	View Full Record in Web of Science	Q3
232	Chioncel, Cristian Paul; Spunei, Elisabeta; Tirian, Gelu-Ovidiu	The Problem of Power Variations in Wind Turbines Operating under Variable Wind Speeds over Time and the Need for Wind Energy Storage Systems	ENERGIES	17	20	http://dx.doi.org/10.3390/en17205079	2024	21	WOS:001341532800001	View Full Record in Web of Science	Q3
233	Banciu, Claudia; Florea, Adrian; Bogdan, Razvan	Monitoring and Predicting Air Quality with IoT Devices	PROCESSES	12	9	http://dx.doi.org/10.3390/pr12091961	2024	25	WOS:001323182300001	View Full Record in Web of Science	Q3
234	Ene, Remus-Daniel; Pop, Nicolina	Semi-Analytical Closed-Form Solutions of the Ball-Plate Problem	PROCESSES	12	9	http://dx.doi.org/10.3390/pr12091977	2024	25	WOS:001323589800001	View Full Record in Web of Science	Q3
235	Udrea, Ioan-Alexandru; Lukinich-Gruia, Alexandra Teodora; Paul, Cristina; Pricop, Maria-Alexandra; Dan, Mircea; Paunescu, Virgil; Baloi, Alexandru; Tatu, Calin A.; Vaszilcsin, Nicolae; Ordodi, Valentin L.	Experimental Device for the Green Synthesis of Unbranched Aliphatic Esters C4-C8 Using an Audio Frequency Electric Field	PROCESSES	12	9	http://dx.doi.org/10.3390/pr12091891	2024	14	WOS:001323055200001	View Full Record in Web of Science	Q3
236	Simo, Attila; Dzitic, Simona; Ferestyan, Liviu; Dumitru, Cristian-Dragos; Gligor, Adrian	Optimizing Electric Vehicle Performance: Advances in Battery Management Systems for Enhanced Efficiency and Longevity	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	19	5	http://dx.doi.org/10.15837/ijccc.2024.5.6794	2024	11	WOS:001302632600009	View Full Record in Web of Science	Q3

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237	Tokar, Adriana; Muntean, Daniel; Tokar, Danut; Bisorca, Daniel	Decarbonization of Heating and Cooling Systems of Buildings Located Nearby Surface Water Sources: Case Study	ENERGIES	17	15	http://dx.doi.org/10.3390/en17153673	2024	19	WOS:001287074800001	View Full Record in Web of Science	Q3
238	Popa, Gabriel Nicolae; Nikolov, Dimitar Aleksiev; Dinis, Corina Maria	About the Aged Degradation of the Materials Used for Medium-Voltage Distributors	ENERGIES	17	14	http://dx.doi.org/10.3390/en17143418	2024	19	WOS:001277546100001	View Full Record in Web of Science	Q3
239	Lipan, Ovidiu-Zeno; De Sabata, Aldo	Optimizing bi-layered periodic structures: a closed-form transfer matrix method based on Pendry-MacKinnon's discrete Maxwell's equations	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	41	2	http://dx.doi.org/10.1364/JOSAB.497185	2024	10	WOS:001203351500001	View Full Record in Web of Science	Q3
240	Dinis, Corina Maria; Popa, Gabriel Nicolae	An Experimental Analysis of Three-Phase Low-Voltage Power Factor Controllers Used in a Deforming Regime	ENERGIES	17	7	http://dx.doi.org/10.3390/en17071647	2024	31	WOS:001201036100001	View Full Record in Web of Science	Q3
241	Popa, Gabriel Nicolae; Dinis, Corina Maria	Low-Cost System with Transient Reduction for Automatic Power Factor Controller in Three-Phase Low-Voltage Installations	ENERGIES	17	6	http://dx.doi.org/10.3390/en17061363	2024	29	WOS:001191786900001	View Full Record in Web of Science	Q3
242	Suciu, Cosmin Constantin; Igret, Sorin Vlad; Vetres, Ion; Ionel, Ioana	Review of the Integration of Hybrid Electric Turbochargers for Mass-Produced Road Vehicles	ENERGIES	17	6	http://dx.doi.org/10.3390/en17061484	2024	22	WOS:001191835700001	View Full Record in Web of Science	Q3
243	Sun, Tiankui; Sun, Yingying; Ma, Beijia; Bu, Feifei; Qin, Ya; Liu, Qi; Deaconu, Sorin Ioan	A Comprehensive Review on Comparison and Performance of Five-Phase Space Vector Pulse Width Modulation Overmodulation Strategies	ENERGIES	17	6	http://dx.doi.org/10.3390/en17061356	2024	18	WOS:001191701700001	View Full Record in Web of Science	Q3
244	Costea, Liviu V.; Radulescu-Grad, Maria-Elena; Fafilek, Guenter	Electrochemical and density functional theory studies of some newly synthesized azo-stilbene chromogenic structures	MONATSHFTE FUR CHEMIE	155	5	http://dx.doi.org/10.1007/s00706-024-03189-1	2024	13	WOS:001182233700001	View Full Record in Web of Science	Q3
245	Mihaicuta, Stefan; Udrescu, Lucrertia; Militaru, Adrian; Nadasan, Valentin; Tiotiu, Angelica; Bikov, Andras; Ursoniu, Sorin; Birza, Romina; Popa, Alina Mirela; Frent, Stefan	Multivariate analysis and data mining help predict asthma exacerbations	JOURNAL OF ASTHMA	61	6	http://dx.doi.org/10.1080/02770903.2023.2297366	2024	11	WOS:001137902800001	View Full Record in Web of Science	Q3
246	Corneliu, Bob	Assessment and Rehabilitation Solutions for an Industrial Hall Affected by Extreme Actions	STRUCTURAL ENGINEERING INTERNATIONAL	34	1	http://dx.doi.org/10.1080/10168664.2022.2149375	2024	6	WOS:000945809800001	View Full Record in Web of Science	Q3
247	De Sabata, Aldo; Silaghi, Andrei; Ionica, Cora; Pacurar, Octavian	Design of Liquid Based Frequency Selective Surfaces Operating as Absorbers	ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING	24	4	http://dx.doi.org/10.4316/AECE.2024.04008	2024	8	WOS:001415806000008	View Full Record in Web of Science	Q4
248	Udrea, Ioan-Alexandru; Ordodi, Valentin; Paul, Cristina; Dan, Mircea; Pana, Ana-Maria; Stanese, Cristian; Bonciog, Dumitru Daniel; Doru-Alexandru, Luca; Craciun, Narcis-Gratian; Vaszilcsin, Nicolae	EFFECTS OF AUDIO FREQUENCY ELECTRIC FIELDS ON THE ESTERIFICATION REACTIONS OF ACETIC ACID WITH C4-C8 BRANCHED ALCOHOLS	STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA	69	3	http://dx.doi.org/10.24193/subbchem.2024.3.10	2024	10	WOS:001410399400009	View Full Record in Web of Science	Q4
249	Guezell, E.; Coruh, U.; Duteanu, N.; Cicek, C.; Agar, E.; Vazquez Lopez, E. M.; Yavuz, M.	Experimental Studies of Schiff Base (E)-4-Methoxy-2-(((2-Phenoxyphenyl)Imino)-Methyl) Phenol Compound with Various Spectroscopic Methods	JOURNAL OF STRUCTURAL CHEMISTRY	65	11	http://dx.doi.org/10.1134/S0022476624110076	2024	11	WOS:001376818100004	View Full Record in Web of Science	Q4
250	Belega, Daniel; Petri, Dario	REAL-VALUED DAMPED SINUSOID PARAMETER ESTIMATION USING A THREE-POINT INTERPOLATED DISCRETE FOURIER TRANSFORM ALGORITHM	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	69	4	http://dx.doi.org/10.5927/7RRST-EE.2024.69.4.1	2024	4	WOS:001374734900001	View Full Record in Web of Science	Q4
251	Niculescu, Mircea; Pascariu, Mihai-cosmin; Racu, Andrei; Taranu, Bogdan-ovidiu	Thermal behavior of polymeric nickel(II) oxalate complex obtained through nickel(II) nitrate/ethylene glycol reaction	JOURNAL OF THE SERBIAN CHEMICAL SOCIETY	89	11	http://dx.doi.org/10.2298/JSC231013071N	2024	13	WOS:001374777300007	View Full Record in Web of Science	Q4

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252	Dascal, Amalia-Ana; Josan, Ana; Stoica, Diana Monica; Pinca-Bretotean, Camelia	Effect of Phenolic Resin on the Friction Performance of Composites with Hemp Fiber for Automotive Brake Pads	MATERIALE PLASTICE	61	3		2024	10	WOS:001339285800005	View Full Record in Web of Science	Q4
253	Bojan-Dragos, Claudia-Adina; Precup, Radu-Emil; Petriu, Emil M.; Tibre, Robert-Alexander; Han, Tabita	Sliding Mode and Super-Twisting Sliding Mode Control Structures for Vertical Three-Tank Systems	STUDIES IN INFORMATICS AND CONTROL	33	3	http://dx.doi.org/10.24846/v33i3y202401	2024	12	WOS:001338136400001	View Full Record in Web of Science	Q4
254	Untaru, Daniela Cristina Stoica; Man, Teodor Eugen; Beilicci, Robert Florin; Ienciu, Anisoara Aurelia; Visescu, Mircea; Ilca, Marin	ADVANCED NUMERICAL MODELING USING MIKE 11 TO DETERMINE THE WATER VOLUME ACCUMULATION IN A DRAINAGE CHANNEL FOR IRRIGATION USE	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	23	6	http://dx.doi.org/10.30638/eemj.2024.092	2024	220	WOS:001308382700003	View Full Record in Web of Science	Q4
255	Agache, Andrei; Cisma, Timea; Mocan, Marian; Ivascu, Larisa	Driving Towards Sustainable Transportation Systems: A bottom-up Traffic Modal Choices Analysis Using Responsible Management for Future Development Planning	PROMET-TRAFFIC & TRANSPORTATION	36	4	http://dx.doi.org/10.7307/ptt.v36i4.556	2024	15	WOS:001299861500002	View Full Record in Web of Science	Q4
256	Herbei, Mihai Valentin; Badaluta-Minda, Codruta	The Use of Remote Sensing Techniques in the Analysis of the Influence of Forest Ecosystems over the Precipitation	ROCNIAK OCHRONA SRODOWISKA	26		http://dx.doi.org/10.54740/ros.2024.029	2024	9	WOS:001274105700004	View Full Record in Web of Science	Q4
257	Reisz, Erika; Naumov, Sergej	The Reaction of Ozone with the C-H Bond Revisited	OZONE-SCIENCE & ENGINEERING	46	5	http://dx.doi.org/10.1080/01919512.2024.2314603	2024	15	WOS:001208271400001	View Full Record in Web of Science	Q4
258	Luputi, Antonio M. F.; Salinschi, Marin; Babescu, Marius; Ciocarlie, Horia	THE DEPENDENCE BETWEEN THE OPTIMAL MECHANICAL ANGULAR SPEED AND THE VARIABLE WIND SPEED FROM AN ENERGETIC POINT OF VIEW	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	69	1	http://dx.doi.org/10.59277/RRST-EE.2023.69.1.9	2024	4	WOS:001198252400016	View Full Record in Web of Science	Q4
259	Bitang, Andrei; Bitang, Viorel; Grosu, Vlad; Ciorsac, Alecu; Isvoran, Adriana	ADMET profiles of selected anabolic steroid derivatives	JOURNAL OF THE SERBIAN CHEMICAL SOCIETY	89	3	http://dx.doi.org/10.2298/JSC230803086B	2024	16	WOS:001196834300001	View Full Record in Web of Science	Q4
260	Labosel, Mihaela Alexandra; Enache, Andreea-Floriana; Dima, George-Daniel; Dan, Mircea Laurentiu; Vaszilcsin, Nicolae	Smooth nickel- a suitable anodic material in new alkaline fuel cells sulphite/oxygen	GLOBAL NEST JOURNAL	26	1	http://dx.doi.org/10.30955/gnj.005374	2024	6	WOS:001156508800001	View Full Record in Web of Science	Q4

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1	Florut, S. C.; Popescu, D. A.; Stoian, V; Dan, D.; Nagy-Gyorgy, T.; Todea, V	EXPERIMENTALLY VALIDATED NUMERICAL ANALYSIS OF REINFORCED CONCRETE SLAB-COLUMN CONNECTIONS SUBJECTED TO PUNCHING SHEAR	JOURNAL OF APPLIED ENGINEERING SCIENCES	10	2	http://dx.doi.org/10.2478/jaes-2020-0019	2020	125	132	8	WOS:000677841300005	View Full Record in Web of Science	ESCI
2	Ciopec, Mihaela; Negrea, Adina; Duteanu, Narcis; Negrea, Petru; Nemes, Nicoleta; Dobra, Gheorghe; Iliev, Sorin; Cotet, Lucian; Boiangiu, Alina; Filipescu, Laurentiu	PALLADIUM RECOVERY BY ADSORPTION ON ALUMINUM HYDROXIDE	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	82	4		2020	111	124	14	WOS:000610101300010	View Full Record in Web of Science	ESCI
3	Ratiu, Sorin Aurel; Mihon, Nicolae Liviu; Laza, Ioan; Armioni, Miruna Diana	A REVIEW ON THE CONTAMINATION OF USED ENGINE OIL	INGINERIA AUTOMOBILULUI		57		2020	20	25	6	WOS:000609161100005	View Full Record in Web of Science	ESCI
4	Ratiu, Sorin Aurel; Mihon, Nicolae Liviu; Armion, Miruna Diana	STUDY ON THE RECYCLING METHODS OF USED ENGINE OIL	INGINERIA AUTOMOBILULUI		55		2020	20	22	3	WOS:000549564000006	View Full Record in Web of Science	ESCI
5	Zamfira, Andrei; Ciocarlie, Horia	A NETWORK INTRUSION DETECTION SYSTEM BASED ON ARTIFICIAL INTELLIGENCE AND SEMANTIC WEB TECHNIQUES	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	63	4		2020	451	460	10	WOS:000606612500016	View Full Record in Web of Science	ESCI
6	Popescu, Eorge; Popescu, Cosmin-Alin; Herbei, Mihai-Valentin; Horablaga, Adina; Smulea, Adrian	3D MODELING OF WASTE DUMPS IN ORDER TO ECOLOGY OF MINING AREAS	AGROLIFE SCIENTIFIC JOURNAL	9	2		2020	240	249	10	WOS:000600871100030	View Full Record in Web of Science	ESCI
7	Cernicova-Buca, Mariana; Luzan, Katalin	Open Academic Book Publishing during COVID-19 Pandemic: A View on Romanian University Presses	PUBLICATIONS	8	4	http://dx.doi.org/10.3390/publications8040049	2020			15	WOS:000602199600001	View Full Record in Web of Science	ESCI
8	Pop, Madalin-Dorin; Prostean, Octavian; Prostean, Gabriela	Fault Detection Based on Parity Equations in Multiple Lane Road Car-Following Models Using Bayesian Lane Change Estimation	JOURNAL OF SENSOR AND ACTUATOR NETWORKS	9	4	http://dx.doi.org/10.3390/jsan9040052	2020			21	WOS:000601811500001	View Full Record in Web of Science	ESCI
9	David, Viorica; Belc, Anda Ligia; Jianu, Maria-Roberta; Musat, Cosmin Constantin	MONITORING BITUMINOUS LAYERS USING THERMAL 3 IMAGES	ROMANIAN JOURNAL OF TRANSPORT INFRASTRUCTURE	9	1	http://dx.doi.org/10.2478/rjti-2020-0002	2020	22	37	16	WOS:000599749700002	View Full Record in Web of Science	ESCI
10	Djuissi, Emerance; Bogdan, Razvan; Abdoulanziz, Abdullah; Pop, Nicolina; Iacob, Felix; Argentin, Clement; Epee, Michel Douglas Epee; Motapon, Ousmanou; Laporta, Vincenzo; Mezei, Janos Zsolt; Schneider, Ioan F.	ELECTRON DRIVEN REACTIVE PROCESSES INVOLVING H2+ AND HD+ MOLECULAR CATIONS IN THE EARLY UNIVERSE	ROMANIAN ASTRONOMICAL JOURNAL	30	2		2020	101	111	11	WOS:000597417500002	View Full Record in Web of Science	ESCI
11	Iovanovici, Alexandru; Avramoni, Dacian; Prodan, Lucian	A dataset of urban traffic flow for 13 Romanian cities amid lockdown and after ease of COVID19 related restrictions	DATA IN BRIEF	32		http://dx.doi.org/10.1016/j.dib.2020.106318	2020			9	WOS:000583229100278	View Full Record in Web of Science	ESCI
12	Dufour, Corina; Draghici, Anca; Ivascu, Larisa; Sarfraz, Muddassar	Occupational health and safety division of responsibility: A conceptual model for the implementation of the OHSAS 18001:2007 standard	HUMAN SYSTEMS MANAGEMENT	39	4	http://dx.doi.org/10.3233/HSM-201060	2020	549	563	15	WOS:000592803300007	View Full Record in Web of Science	ESCI
13	Giorgiana, Varga Mihaela; Rata, Andreea Luciana	The effect of a group exercise program on functional performance of patients with moderate knee osteoarthritis	BALNEO RESEARCH JOURNAL	11	3	http://dx.doi.org/10.12680/balneo.2020.369	2020	405	408	4	WOS:000583709900025	View Full Record in Web of Science	ESCI
14	Medeleanu, Mihai; Khalaj, Zahra; Diudea, Mircea Vasile	Rhombellane-Related Crystal Networks	IRANIAN JOURNAL OF MATHEMATICAL CHEMISTRY	11	2	http://dx.doi.org/10.22052/ijmc.2020.144902.1384	2020	73	81	9	WOS:000585420600002	View Full Record in Web of Science	ESCI
15	Sarbu, Ioan; Popa-Albu, Simona; Tokar, Adriana	Multi-objective optimization of water distribution networks: An overview	INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES	7	11	http://dx.doi.org/10.21833/jaas.2020.11.008	2020	74	86	13	WOS:000811301900008	View Full Record in Web of Science	ESCI

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16	Abdollahpour, Mohammad Reza; Najati, Abbas; Gavrut, Pasc	Multipliers of pg-Bessel Sequences in Banach Spaces	IRANIAN JOURNAL OF MATHEMATICAL SCIENCES AND INFORMATICS	15	2	http://dx.doi.org/10.29252/ijmsi.15.2.1	2020	1	12	12	WOS:000578086400001	View Full Record in Web of Science	ESCI
17	Patrut, Bogdan; Maris, Stefan-Alfred; Maris, Simina	Coding with Patience (Programare cu Rabdare) - a Non-Formal Educational Initiative to Increase the ICT Skills	POSTMODERN OPENINGS	11	3	http://dx.doi.org/10.18662/po/11.3/215	2020	290	302	13	WOS:000577502200019	View Full Record in Web of Science	ESCI
18	Colantoni, Andrea; Halbac-Cotoara-Zamfir, Rares; Halbac-Cotoara-Zamfir, Cristina; Cudlin, Pavel; Salvati, Luca; Morera, Antonio Gimenez	Demographic Resilience in Local Systems: An Empirical Approach with Census Data	SYSTEMS	8	3	http://dx.doi.org/10.3390/systems8030034	2020			17	WOS:000578886800001	View Full Record in Web of Science	ESCI
19	Dascalu, Daniela; Roman, Diana Larisa; Filip, Madalina; Ciorsac, Alecu Aurel; Ostafe, Vasile; Isvoran, Adriana	Solubility and ADMET profiles of short oligomers of lactic acid	ADMET AND DMPK	8	4	http://dx.doi.org/10.5599/admet.843	2020	425	436	12	WOS:000575919500007	View Full Record in Web of Science	ESCI
20	Kiss, Imre; Alexa, Vasile	Study on Deformation Behavior of Non-Hardenable Austenitic Stainless Steel (Grade X5CrNi18-10) by Hot Torsion Tests	TEHNICKI GLASNIK-TECHNICAL JOURNAL	14	3	http://dx.doi.org/10.31803/tg-20200317151347	2020	396	402	7	WOS:000569662000022	View Full Record in Web of Science	ESCI
21	Nitulescu, Ioana-Victoria; Korodi, Adrian	Supervisory Control and Data Acquisition Approach in Node-RED: Application and Discussions	IOT	1	1	http://dx.doi.org/10.3390/iot1010005	2020			16	WOS:001199230900001	View Full Record in Web of Science	ESCI
22	Dubina, Dan; Dinu, Florea; Stratan, Aurel	High-strength steel and dissipative fuse solutions for seismic-resistant building structures	STEEL CONSTRUCTION-DESIGN AND RESEARCH	13	3	http://dx.doi.org/10.1002/stco.202000028	2020	154	164	11	WOS:000555043400001	View Full Record in Web of Science	ESCI
23	Stirb, Iulia	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	INTERNATIONAL JOURNAL OF COMPUTATIONAL SCIENCE AND ENGINEERING	22	2-3	http://dx.doi.org/10.1504/IJCSE.2020.107342	2020	200	210	11	WOS:000552735900004	View Full Record in Web of Science	ESCI
24	Dima, George; Vaszilcsin, Nicolae	INHIBITORY EFFECT OF SOME AMINO ACIDS ON COPPER ELECTRODEPOSITION FROM ACID BATHS	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	82	2		2020	69	78	10	WOS:000550842800007	View Full Record in Web of Science	ESCI
25	Marinescu, Adrian-George; Cirligeriu, Laura-Elena; Boscornea-Puscu, Simona Andreea; Horhat, Razvan-Mihai; Sgiia, Stefania Tania; Stoia, Dan-Ioan; Nica, Luminita-Maria	FRACTURE STRENGTH EVALUATION OF TEETH WITH DIFFERENT DESIGNS OF ENDODONTIC ACCESS CAVITIES	ROMANIAN JOURNAL OF ORAL REHABILITATION	12	2		2020	76	84	9	WOS:000545432200010	View Full Record in Web of Science	ESCI
26	Cirligeriu, Laura-Elena; Nica, Luminita-Maria; Puscu-Boscornea, Simona Andreea; Horhat, Razvan-Mihai; Pancotti, Stefano; Stoia, Dan-Ioan; Marinescu, Adrian-George	MECHANICAL STRENGTH EVALUATION OF TWO SINGLE FILE SYSTEMS: RECIPROC VERSUS RECIPROC BLUE	ROMANIAN JOURNAL OF ORAL REHABILITATION	12	2		2020	109	115	7	WOS:000545432200014	View Full Record in Web of Science	ESCI
27	Pop, Mirela-Cristina	Teaching and Learning Strategies for Specialised Translation in MLA: The Project in Technical Translation Class	LITERA-JOURNAL OF LANGUAGE LITERATURE AND CULTURE STUDIES	30	1	http://dx.doi.org/10.26650/LITERA2020-0030	2020	45	62	18	WOS:000543407900003	View Full Record in Web of Science	ESCI
28	Kiss, Imre; Alexa, Vasile	Study on the Deformation behaviour of Non-Hardenable Ferritic Stainless Steel (grade X6Cr17) by Hot Torsion Tests	TEHNICKI GLASNIK-TECHNICAL JOURNAL	14	2	http://dx.doi.org/10.31803/tg-20200313103914	2020	239	244	6	WOS:000540937100022	View Full Record in Web of Science	ESCI
29	Topircceanu, Alexandru; Precup, Radu-Emil	A framework for improving electoral forecasting based on time-aware polling	SOCIAL NETWORK ANALYSIS AND MINING	10	1	http://dx.doi.org/10.1007/s13278-020-00646-7	2020			14	WOS:000540060300002	View Full Record in Web of Science	ESCI
30	Covaciu, Florin; Iordan, Anca-Elena	DESIGNING A COOLING SYSTEM FOR AN ELECTRIC MOTOR THAT IS USED IN THE AUTOMOTIVE INDUSTRY	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	63	1		2020	61	66	6	WOS:000528235300008	View Full Record in Web of Science	ESCI

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31	Iordan, Anca-Elena; Covaciu, Florin	IMPROVING DESIGN OF A TRIANGLE GEOMETRY COMPUTER APPLICATION USING A CREATIONAL PATTERN	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	63	1		2020	73	78	6	WOS:000528235300010	View Full Record in Web of Science	ESCI
32	Holotescu, Victor; Vasii, Radu	Challenges and Emerging Solutions for Public Blockchains	BRAIN-BROAD RESEARCH IN ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE	11	1	http://dx.doi.org/10.18662/brain/11.1/15	2020	58	83	26	WOS:000520844100005	View Full Record in Web of Science	ESCI
33	Sajfert, V; Pop, N.; Popov, D.	Geometrical analyses of nanostructures	NANOSYSTEMS-PHYSICS CHEMISTRY MATHEMATICS	11	1	http://dx.doi.org/10.17586/2220-8054-2020-11-1-36-43	2020	36	43	8	WOS:000520849600005	View Full Record in Web of Science	ESCI
34	Voda, Mircea; Codrean, Cosmin; Serban, Viorel Aurel; Tosa, Dacian; Zabava, Eugen	Magnetic properties optimization of Zr/Fe dual amorphous phase bulk metallic glasses	UIS INGENIERIAS	19	1	http://dx.doi.org/10.18273/revuin.v19n1-2020006	2020	67	71	5	WOS:000519273700007	View Full Record in Web of Science	ESCI
35	Codrean, Cosmin; Voda, Mircea; Buzdugan, Dragos; Serban, Viorel Aurel	Amorphous gray iron for concrete reinforcement	UIS INGENIERIAS	19	1	http://dx.doi.org/10.18273/revuin.v19n1-2020010	2020	103	107	5	WOS:000519273700011	View Full Record in Web of Science	ESCI
36	Chieffo, Nicola; Formisano, Antonio	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	GEOSCIENCES	10	1	http://dx.doi.org/10.3390/geosciences10010021	2020			27	WOS:000513130700008	View Full Record in Web of Science	ESCI
37	Falk, Alexandru; Marsavina, Liviu; Pop, Octavian	Analysis of Printed Circuit Boards strains using finite element analysis and digital image correlation	FRATTURA ED INTEGRITA STRUTTURALE		51	http://dx.doi.org/10.3221/IGF-ESIS.51.41	2020	541	551	11	WOS:000502844600041	View Full Record in Web of Science	ESCI
38	G., Moza, Gheorghe; S., Lugoian, Sorin; L., Ciurdariu, Loredana	Analysis of Degenerate Chenciner Bifurcation	International Journal of Bifurcation and Chaos	30	16	10.1142/S0218127420502454	2020				2-s2.0-85098623661	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098623661&doi=10.1142%2FS0218127420502454&partnerID=40&md5=d36d23d482ca3ba58412ed50018e7a	SCOPUS
39	M.A., Ouamri, Mohamed Amine	Coverage and rate analysis for 5gheterogeneous network: β -ginibre point process	IET Communications	14	22	10.1049/iet-com.2020.0599	2020	4048	4056	9	2-s2.0-85102403024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102403024&doi=10.1049%2Fiet-com.2020.0599&partnerID=40&md5=2152f0deea6e54abff0d94acd2b82b94	SCOPUS
40	L., Radu Sumalan, L.; C.V., Muntean, Cornelia Veronica; A.I., Kostov, Ana I.; D., Kržanović, Daniel; L., Noemi Jucsor, L.; I., Sorin Ciulca, I.; R.M., Sumalan, Renata Maria; M., Gheju, Marius; M., Cernicova-Buca, Mariana	The cup plant (<i>Silphium perfoliatum</i> L.) – a viable solution for bioremediating soils polluted with heavy metals	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	48	4	10.15835/48412160	2020	2095	2113	19	2-s2.0-85098599635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098599635&doi=10.15835%2F48412160&partnerID=40&md5=5da9966f32a36c40de230c943fafcd8e	SCOPUS

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41	C., Vancea, Cosmin; M., Mihăilescu, Maria; A., Negrea, Adina; G.E., Moșoarcă, Giannin Emanuel; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; V., Minzatu, Vasile	Batch and fixed-bed column studies on palladium recovery from acidic solution by modified mgso3	International Journal of Environmental Research and Public Health	17	24	10.3390/ijerph17249500	2020	1	17	17	2-s2.0-85098078359	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098078359&doi=10.3390%2Fijerph17249500&partnerID=40&md5=6b728024f6b5ac2bc6a01e6809bf20e	SCOPUS
42	P.O., Negirla, Paul Onut; R., Druță, Romina; I., Silea, Ioan	Availability improvements through data slicing in PLC smart grid networks	Sensors	20	24	10.3390/s20247256	2020	1	18	18	2-s2.0-85097836421	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097836421&doi=10.3390%2Fs20247256&partnerID=40&md5=8979208c1589195956284639c83fda42	SCOPUS
43	N., Pop, Nicolina; R.M., Beiu, Roxana Mariana; P., Svera, Paula; C.A., Mnerie, Corina Anca; G., Huțiu, Gheorghe; V.F., Duma, Virgil-Florin Florin	Thermal degradation of photovoltaic panels: Evaluations using a range of testing methods	Journal of Environmental Protection and Ecology	21	6		2020	2083	2092	10	2-s2.0-85102737479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102737479&partnerID=40&md5=8ccc3d982fb70402419552eba4522caa	SCOPUS
44	A., Topirceanu, Alexandru; L., Udrescu, Lucreția; M., Udrescu, Mihai; S.A., Mihaicuta, Stefan A.	Gender phenotyping of patients with obstructive sleep apnea syndrome using a network science approach	Journal of Clinical Medicine	9	12	10.3390/jcm9124025	2020				2-s2.0-85102570259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102570259&doi=10.3390%2Fjcm9124025&partnerID=40&md5=37fe0d5842e54af2662292cf42799c40	SCOPUS
45	P.C., Ioana-Monica, Pop Calimanu; M., Balint, Maria; D.F., Lascu, Dan Florentin	A new hybrid Ćuk DC-DC converter with coupled inductors	Electronics (Switzerland)	9	12	10.3390/electronics9122188	2020	1	24	24	2-s2.0-85098110932	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098110932&doi=10.3390%2Felectronics9122188&partnerID=40&md5=d59f4ce86d0a263365651b5flee3efd2	SCOPUS
46	A.R., Buzatu, Alina Ramona; A.E., Frissen, August E.; L.A., van den Broek, Lambertus A.M.; A., Todea, Anamaria; M.M., Moțoc, Marilena M.; C.G., Boeriu, Carmen G.	Chemoenzymatic synthesis of new aromatic esters of mono-and oligosaccharides	Processes	8	12	10.3390/pr8121638	2020	1	19	19	2-s2.0-85097954550	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097954550&doi=10.3390%2Fpr8121638&partnerID=40&md5=3738bec1ad0d30531879a735ff7849a	SCOPUS
47	L., Sbârcea, Laura; I.M., Tănase, Ionut Mihai; A., Ledeti, Adriana; D., Circioban, Denisa; G., Vlase, Gabriela; P., Barvinschi, Paul; M., Miclău, Marinela; R.M., Varut, Renata Maria; C.M., Trandafirescu, Cristina Maria; I.V., Ledeti, Ionut Valentin	Encapsulation of risperidone by methylated β-cyclodextrins: Physicochemical and molecular modeling studies	Molecules	25	23	10.3390/molecules25235694	2020				2-s2.0-85097482069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097482069&doi=10.3390%2Fmolecules25235694&partnerID=40&md5=0f9aa54c76b8534d65402f98116641a4	SCOPUS

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48	M.V., Pevnaya, Maria V.; A.A., Drozdova, Anna A.; M., Cernicova-Buca, Mariana	Making room for volunteer participation in managing public affairs: A russian experience	Sustainability (Switzerland)	12	24	10.3390/su122410229	2020	1	18	18	2-s2.0-85097394239	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097394239&doi=10.3390%2Fsu122410229&partnerID=40&md5=3e70230bf38dd751a2a9a22d52348e07	SCOPUS
49	C., Ardean, Cristina; M., Ciopec, Mihaela; C.M., Davidescu, Corneliu Mircea; P., Negrea, Petru; R., Voda, Raluca	Kinetics and thermodynamics studies for cadmium (II) adsorption onto functionalized chitosan with hexa-decyl-trimethyl-ammonium chloride	Materials	13	23	10.3390/ma1323552	2020	1	16	16	2-s2.0-85097382544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097382544&doi=10.3390%2Fma1323552&partnerID=40&md5=6156c75301e7fddfb76716bc14f4f997	SCOPUS
50	L., Lupa, Lavinia; L., Cochechi, Laura; B., Trică, Bogdan; A., Coroabă, Adina; A., Popa, Adriana	Photodegradation of phenolic compounds from water in the presence of a pd-containing exhausted adsorbent	Applied Sciences (Switzerland)	10	23	10.3390/app10238440	2020	1	15	15	2-s2.0-85096650937	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096650937&doi=10.3390%2Fapp10238440&partnerID=40&md5=0b91e7233129c4a987db790103631db8	SCOPUS
51	A., Remes, Adriana; F., Manea, Florica; S., Motoc, Sorina; A., Baci, Anamaria; E.I., Szerb, Elisabeta Ildyko; J., Gascón, Jorge; G., Gug, Georgiana	Highly sensitive non-enzymatic detection of glucose at mwent-cubtc composite electrode	Applied Sciences (Switzerland)	10	23	10.3390/app10238419	2020	1	14	14	2-s2.0-85096642317	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096642317&doi=10.3390%2Fapp10238419&partnerID=40&md5=7adc46409670e6ff72f0171575fdbafe	SCOPUS
52	I.M., Tănase, Ionut Mihai; L., Sbârcea, Laura; A., Ledeti, Adriana; P., Barvinschi, Paul; D., Circioban, Denisa; G., Vlase, Gabriela; R.M., Varut, Renata Maria; I.V., Ledeti, Ionut Valentin	Compatibility studies with pharmaceutical excipients for aripiprazole-heptakis (2,6-di-O-methyl)-β-cyclodextrin supramolecular adduct	Journal of Thermal Analysis and Calorimetry	142	5	10.1007/s10973-020-09901-7	2020	1963	1976	14	2-s2.0-85095930563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095930563&doi=10.1007%2Fs10973-020-09901-7&partnerID=40&md5=58f3e1364edfd934d09b5a8644376fbc	SCOPUS
53	E., Marian, Eleonora; B., Tița, Bogdan; N.M., Duțeanu, Narcis Mihai; L.G., Vicaș, Laura Gratiela; S., Ciocan, Stefania; T., Jurcă, Tünde; L., Antal, Liana; O.A., Țica, Otilia Anca; M.E., Mureșan, Mariana Eugenia; A., Pallag, Annamária	Antimicrobial activity of fusidic acid inclusion complexes	International Journal of Infectious Diseases	101		10.1016/j.ijid.2020.09.1465	2020	65	73	9	2-s2.0-85093670637	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093670637&doi=10.1016%2Fj.ijid.2020.09.1465&partnerID=40&md5=441ce1fa3c0880480a8605644faa2915	SCOPUS

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54	T., Binzar, Tudor; F.L., Pater, Flavius Lucian; S., Nadaban, Sorin	Fuzzy bounded operators with application to Radon transform	Chaos, Solitons and Fractals	141		10.1016/j.chaos.2020.110359	2020				2-s2.0-85093649972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093649972&doi=10.1016%2Fj.chaos.2020.110359&partnerID=40&md5=5c1d86cc573b68030b1a0d226397596a	SCOPUS
55	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; M., Gheju, Marius; S., Boran, Sorina	Syringa vulgaris leaves powder a novel low-cost adsorbent for methylene blue removal: isotherms, kinetics, thermodynamic and optimization by Taguchi method	Scientific Reports	10	1	10.1038/s41598-020-74819-x	2020				2-s2.0-85092757639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092757639&doi=10.1038%2F41598-020-74819-x&partnerID=40&md5=6f467b9295c18581994201eb8a3e2a9a	SCOPUS
56	S., Popa, S.; M.S., Milea, Marius Silviu; S., Boran, Sorina; S.V., Nițu, Sabina Violeta; G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; R.I., Lazău, Radu Ioan	Rapid adulteration detection of cold pressed oils with their refined versions by UV-Vis spectroscopy	Scientific Reports	10	1	10.1038/s41598-020-72558-7	2020				2-s2.0-85091714958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091714958&doi=10.1038%2F41598-020-72558-7&partnerID=40&md5=74d97c1fc94c0a38d86564dea7750e9b	SCOPUS
57	C., Tanasa, Cristina; D., Dan, Daniel; C., Becchio, Cristina; S.P., Corgnati, Stefano Paolo; V.A., Stoin, Valeriu Augustin	Cost-optimal and indoor environmental quality assessment for residential buildings towards EU long-term climate targets	Energy for Sustainable Development	59		10.1016/j.esd.2020.09.002	2020	49	61	13	2-s2.0-85091104563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091104563&doi=10.1016%2Fj.esd.2020.09.002&partnerID=40&md5=79a4aa0972f7499c40d58540ccc9f691	SCOPUS
58	G., Moza, Gheorghe; C., Lăzureanu, Cristian; F., Munteanu, Florian; C., Șterbeți, Cătălin; A., Florea, Aurelia	Bifurcation diagrams in a class of Kolmogorov systems	Nonlinear Analysis: Real World Applications	56		10.1016/j.nonrwa.2020.103154	2020				2-s2.0-85084699539	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084699539&doi=10.1016%2Fj.nonrwa.2020.103154&partnerID=40&md5=3a14cd463b618da92aeb0955d2e5f78d	SCOPUS
59	A., Chirita-Emandi, Adela; N.I., Andreescu, Nicoleta Ioana; C.G., Zimbru, Cristian G.; P.C., Tuțac, Paul Calin; S.T., Arghirescu, Smaranda Teodora; M., Serban, Margit; M., Puiu, Maria	Challenges in reporting pathogenic/potentially pathogenic variants in 94 cancer predisposing genes - in pediatric patients screened with NGS panels	Scientific Reports	10	1	10.1038/s41598-019-57080-9	2020				2-s2.0-85077839427	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077839427&doi=10.1038%2F41598-019-57080-9&partnerID=40&md5=a440bca4fd4da5c8012836e0d447c541	SCOPUS

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60	A., Tămaș, Andra; I., Cozma, Ioana; L., Cochechi, Laura; L., Lupa, Lavinia; G.I., Rusu, Gerlinde I.	Adsorption of Orange II Onto Zn2Al-Layered Double Hydroxide Prepared From Zinc Ash	Frontiers in Chemistry	8		10.3389/fchem.2020.573535	2020				2-s2.0-85097603952	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097603952&doi=10.3389%2Ffchem.2020.573535&partnerID=40&md5=7132a8df118ee135c1261d538b337f08	SCOPUS
61	R., Don, Rafaela; A.L., Ciutina, Adrian Liviu; C., Vulcu, Cristian; A., Stratan, Aurel	Seismic-resistant slim-floor beam-to-column joints: Experimental and numerical investigations	Steel and Composite Structures	37	3	10.12989/scs.2020.37.3.307	2020	307	321	15	2-s2.0-85098069424	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098069424&doi=10.12989%2Fscs.2020.37.3.307&partnerID=40&md5=0b1ee504b7fb3847636d85e3ce4ba389	SCOPUS
62	C.T., Albulescu, Claudiu Tiberiu; C., Oros, Cornel	Inflation, uncertainty, and labour market conditions in the US	Applied Economics	52	52	10.1080/00036846.2020.1772458	2020	5770	5782	13	2-s2.0-85087054648	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087054648&doi=10.1080%2F00036846.2020.1772458&partnerID=40&md5=d31f26ce159b51a306f070913c7f0f5a	SCOPUS
63	D.V., Căiman, Dadiana Valeria; T.L., Dragomir, Toma Leonida	A novel method for obtaining the signature of household consumer pairs	Energies	13	22	10.3390/en13226030	2020				2-s2.0-85106622991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106622991&doi=10.3390%2Fen13226030&partnerID=40&md5=f1d7ae7e3e71c830f71b0817f20ff235	SCOPUS
64	M., Ionișescu, Marius; D., Vermeșan, Dinu; H.G., Horia, Haragus George; O., Suciu, O.; A., Todor, Adrian; C.V., Dumitrașcu, Cristian V.; R.I., Negrea, Romeo Iosif; T., Hoinoiu, Teodora; D., Radu, Daniela; D.I., Fruja, Dan Ioan	Association of neutrophil to lymphocyte ratio with patient reported outcomes in knee osteoarthritis	Applied Sciences (Switzerland)	10	22	10.3390/app10228173	2020	1	8	8	2-s2.0-85096235914	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096235914&doi=10.3390%2Fapp10228173&partnerID=40&md5=fbfd98ed82d083d1e5fd7dbb6803c2dc	SCOPUS
65	R.Z., Szabó, Roland Zsolt; I., Vuksanović Herceg, Iva; R., Haňák, Róbert; L., Hortoványi, Lilla; A., Romanová, Anita; M.L., Mocan, Marian Liviu; D., Đurićin, Dragan	Industry 4.0 implementation in b2b companies: Cross-country empirical evidence on digital transformation in the cee region	Sustainability (Switzerland)	12	22	10.3390/su12229538	2020	1	20	20	2-s2.0-85096085719	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096085719&doi=10.3390%2Fsu12229538&partnerID=40&md5=dab4d2fed66778dda15c401713283d4f	SCOPUS

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66	A., Perju-Mitran, Alexandra; D.L., Zirra, Daniela Lenuța; G., Căruțașu, George; A., Pițjan, Alexandru; J.L., Stănică, Justina Lavinia	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	Sustainability (Switzerland)	12	22	10.3390/su12229488	2020	1	24	24	2-s2.0-85096049449	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096049449&doi=10.3390%2Fsu12229488&partnerID=40&md5=a06a2b73b8a385ac3de0001577eb69de	SCOPUS
67	D., Dejica-Cartis, Daniel	Claudia elena stoian the discourse of tourism and national heritage: A contrastive study from a cultural perspective	Acta Universitatis Sapientiae, Philologica	12	3	10.2478/ausp-2020-0032	2020	198	201	4	2-s2.0-85097311721	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097311721&doi=10.2478%2Fausp-2020-0032&partnerID=40&md5=234887181eddb3a11ffdd2f8f37829b3	SCOPUS
68	R.C., Miclea, Rațvan Cătălin; C., Dughir, Ciprian; F., Alexa, Florin; F.D., Sandru, Florin Daniel; I., Silea, Ioan	Laser and lidar in a system for visibility distance estimation in fog conditions	Sensors	20	21	10.3390/s20216322	2020	1	23	23	2-s2.0-85095726444	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095726444&doi=10.3390%2Fs20216322&partnerID=40&md5=7767fe76b2aa6ad269a5db2a8e53010a	SCOPUS
69	R.A., Erdelyi, Ralph Alexandru; V.F., Duma, Virgil-Florin Florin; C., Sinescu, Cosmin; G.M., Dobre, George M.; A., Bradu, Adrian; A.G., Podoleanu, Adrian G.	Dental diagnosis and treatment assessments: Between X-rays radiography and optical coherence tomography	Materials	13	21	10.3390/ma13214825	2020	1	24	24	2-s2.0-85094634832	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094634832&doi=10.3390%2Fma13214825&partnerID=40&md5=5e09bc3d749acc26b072623949547893	SCOPUS
70	A.P., Pugna, Adrian Pavel; R.I., Negrea, Romeo Iosif; E., Linul, Emanoil; L., Marșavina, Liviu	Is fracture toughness of pur foams a material property? A statistical approach	Materials	13	21	10.3390/ma13214868	2020	1	13	13	2-s2.0-85094587793	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094587793&doi=10.3390%2Fma13214868&partnerID=40&md5=a234c2b05a8323b4010fd700b1ded67c	SCOPUS
71	S., Sadat Nickayin, Samaneh; R., Halbac-Cotoara-Zanfir, Rares; M., Clemente, Matteo; F.M., Chelli, Francesco Maria; L., Salvati, Luca; F., Benassi, Federico; A., Giménez-Morera, Antonio	“Qualifying peripheries” or “repolarizing the center”: A comparison of gentrification processes in Europe	Sustainability (Switzerland)	12	21	10.3390/su12219039	2020	1	14	14	2-s2.0-85094568111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094568111&doi=10.3390%2Fsu12219039&partnerID=40&md5=d8d47921c2dfef28a60882c727843a3c	SCOPUS

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72	C.M., Crăciunescu, Corneliu Marius; M., Kohl, Manfred; A., Ercuța, Aurel	Micro-actuation design in VO2-based bimorph cantilevers	Smart Materials and Structures	29	11	10.1088/1361-665X/abb353	2020				2-s2.0-85093081673	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093081673&doi=10.1088%2F1361-665X%2Fabb353&partnerID=40&md5=5e25535b1651fd6750ea37dbaa464574	SCOPUS
73	G., Epasto, Gabriella; F., Distefano, Fabio; L., Gu, Linxia; H., Mozafari, Hozhabr; E., Linul, Emanoil	Design and optimization of Metallic Foam Shell protective device against flying ballast impact damage in railway axles	Materials and Design	196		10.1016/j.matdes.2020.109120	2020				2-s2.0-85090560916	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090560916&doi=10.1016%2Fj.matdes.2020.109120&partnerID=40&md5=f07e4545c8123c904cfeca0e4cd8468b	SCOPUS
74	L., Marșavina, Liviu; E., Linul, Emanoil	Fracture toughness of rigid polymeric foams: A review	Fatigue and Fracture of Engineering Materials and Structures	43	11	10.1111/ffe.13327	2020	2483	2514	32	2-s2.0-85089784100	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089784100&doi=10.1111%2Fffe.13327&partnerID=40&md5=11f65a2dc63cfb67cb8244566a091a5a	SCOPUS
75	L., Cochei, Laura; L., Lupa, Lavinia; N.S., Tolea, Nick Samuel; C.V., Muntean, Cornelia Veronica; P., Negrea, Petru	Sequential use of ionic liquid functionalized Zn-Al layered double hydroxide as adsorbent and photocatalyst	Separation and Purification Technology	250		10.1016/j.seppur.2020.117104	2020				2-s2.0-85084992221	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084992221&doi=10.1016%2Fj.seppur.2020.117104&partnerID=40&md5=a632794d1f897547c222269a68fcd93d	SCOPUS
76	C.T., Albulescu, Claudiu Tiberiu; E.I., Bouri, Elie I.; A.K., Tiwari, Aviral Kumar; D., Roubaud, David	Quantile causality between banking stock and real estate securities returns in the US	Quarterly Review of Economics and Finance	78		10.1016/j.qref.2020.03.005	2020	251	260	10	2-s2.0-85083313038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083313038&doi=10.1016%2Fj.qref.2020.03.005&partnerID=40&md5=b8d1c62b504be37bd8efa816641eeda9	SCOPUS
77	A.I., Bucur, Alexandra I.; E., Linul, Emanoil; T.O., Bogdan, Țăranu Ovidiu	Hydroxyapatite coatings on Ti substrates by simultaneous precipitation and electrodeposition	Applied Surface Science	527		10.1016/j.apsusc.2020.146820	2020				2-s2.0-85085726167	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085726167&doi=10.1016%2Fj.apsusc.2020.146820&partnerID=40&md5=da91d69c2de3dba0e8adf14bec218e4f	SCOPUS

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78	M.E., Radulescu-Grad, Maria Elena; A., Visa, Aurelia; M.S., Milea, Marius Silviu; R.I., Lazău, Radu Ioan; S., Popa, S.; S., Funar-Timofei, S.	Synthesis, spectral characterization, and theoretical investigations of a new azo-stilbene dye for acrylic resins	Journal of Molecular Structure	1217		10.1016/j.molstruc.2020.128380	2020				2-s2.0-85084496239	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084496239&doi=10.1016%2Fj.molstruc.2020.128380&partnerID=40&md5=687c7eb8616be3e2b963c5d9f4d08eff	SCOPUS
79	R., Muntean, Roxana; D.T., Pascal, Dragoș Toader; U.W., Rost, Ulrich W.; G.M., Marginean, Gabriela M.; M., Brodmann, Michael; N., Vaszilcsin, N.	Synthesis and characterisation of platinum–cobalt–manganese ternary alloy catalysts supported on carbon nanofibers: An alternative catalyst for hydrogen evolution reaction	International Journal of Hydrogen Energy	45	49	10.1016/j.ijhydene.2020.02.041	2020	26217	26225	9	2-s2.0-85080996538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080996538&doi=10.1016%2Fj.ijhydene.2020.02.041&partnerID=40&md5=316b0ac0ab36c321648e80d6914f572	SCOPUS
80	O.S., Mirel, Oana Stela; C., Florescu, Constantin	Simulation of wastewater depollution processes by advanced biological methods	Revista de Chimie	71	10	10.37358/RC.20.10.8359	2020	150	160	11	2-s2.0-85096696121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096696121&doi=10.37358%2FRC.20.10.8359&partnerID=40&md5=bde91a7e6175b3e56895a303e20674df	SCOPUS
81	A., Șmuleac, Adrian; I.L., Șmuleac, Iosefina Laura; T.E., Man, Teodor Eugen; C.A., Popescu, Cosmin Alin; F., Imbrea, Florin; I., Radulov, Isidora; T.C., Adamov, Tabita Cornelia; R., Pascualau, Raul	Use of modern technologies for the conservation of historical heritage in water management	Water (Switzerland)	12	10	10.3390/w12102895	2020	1	39	39	2-s2.0-85095966537	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095966537&doi=10.3390%2Fw12102895&partnerID=40&md5=7ab21b58de00fd4f533a06dff762bb1e	SCOPUS
82	O., Boncalo, Oana; A., Amăricăi, Alexandru; Z., Lendek, Zsófia	Fault tolerant digital data-path design via control feedback loops	Electronics (Switzerland)	9	10	10.3390/electronics9101721	2020	1	14	14	2-s2.0-85093678285	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093678285&doi=10.3390%2Felectronics9101721&partnerID=40&md5=f847804cd6f678c0023c07567ec31b6e	SCOPUS
83	N., Stefanovic, Nenad; M.D., Blagojević, Marija Dragovan; I.P., Pokrajac, Ivan P.; M., Greconici, Marian; Y., Cen, Yigang; V.M., Mladenovic, Vladimir M.	A symbolic encapsulation point as tool for 5g wideband channel cross-layer modeling	Entropy	22	10	10.3390/e22101151	2020	1	18	18	2-s2.0-85092790312	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092790312&doi=10.3390%2Fe22101151&partnerID=40&md5=e5e6713e0125bbe85e489a8bd0da573	SCOPUS

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84	E.A., Capota, Eugenia Ana; C.S., Stangaciu, Cristina Sorina; M.V., Micea, Mihai Victor; D.I., Curia, Daniel Ioan	Towards fully jitterless applications: Periodic scheduling in multiprocessor MCSS using a table-driven approach	Applied Sciences (Switzerland)	10	19	10.3390/app10196702	2020	1	21	21	2-s2.0-85092742418	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092742418&doi=10.3390%2Fapp10196702&partnerID=40&md5=7aa24ff253693ab9146169421a9a60ef	SCOPUS
85	I., Sarbu, Ioan; C., Sebarchievici, Călin	Exploratory research to improve energy-efficiency of a ground-coupled heat pump utilizing an automatic control device of circulation pump speed	Energies	13	19	10.3390/en13195016	2020				2-s2.0-85092413230	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092413230&doi=10.3390%2Fen13195016&partnerID=40&md5=c6080f45e43ea2a957ad28b7ee3e04b	SCOPUS
86	A., Ioana, Alexandru; A., Korodi, Adrian	Improving OPC UA publish-subscribe mechanism over UDP with synchronization algorithm and multithreading broker application	Sensors	20	19	10.3390/s20195591	2020	1	21	21	2-s2.0-85091865213	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091865213&doi=10.3390%2Fs20195591&partnerID=40&md5=2b1ec357ec54bb9dfb931f07a07a156	SCOPUS
87	M.D., Pop, Madalin Dorin; O., Proștean, Octavian; T.M., David, Tudor Mihai; G.I., Proștean, Gabriela Ioana	Hybrid solution combining kalman filtering with takagi-sugeno fuzzy inference system for online car-following model calibration	Sensors	20	19	10.3390/s20195539	2020	1	18	18	2-s2.0-85091649666	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091649666&doi=10.3390%2Fs20195539&partnerID=40&md5=36b44d7a9522b66350a92630bf5cbe7	SCOPUS
88	D.R., Biba, Diana Raluca; M.C., Ancuti, Mihaela Codruta; A., Ianovici, Alexandru; S., Ciprian, Sorandaru; S., Mușuroi, Sorin	Power supply platform and functional safety concept proposals for a powertrain transmission electronic control unit	Electronics (Switzerland)	9	10	10.3390/electronics9101580	2020	1	16	16	2-s2.0-85091632201	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091632201&doi=10.3390%2Felectronics9101580&partnerID=40&md5=76b16e4848d5f31e28ef7f84840df04e	SCOPUS
89	D., Pietras, Daniel; E., Linul, Emanoil; T., Sadowski, Tomasz; A., Rusinek, Alexis	Out-of-plane crushing response of aluminum honeycombs in-situ filled with graphene-reinforced polyurethane foam	Composite Structures	249		10.1016/j.compstruct.2020.112548	2020				2-s2.0-85086577157	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086577157&doi=10.1016%2Fj.compstruct.2020.112548&partnerID=40&md5=6eaca1bdb827ce867f3ff93a7638d693	SCOPUS

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90	D.M., Dăianu, Daniel M.; C., Mindruță, Cristina	Sections in functional equations	Aequationes Mathematicae	94	5	10.1007/s00010-020-00726-1	2020	931	943	13	2-s2.0-85086407335	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086407335&doi=10.1007%2Fs00010-020-00726-1&partnerID=40&md5=3a545af1ff948543c99b97525416bc87	SCOPUS
91	D., Buncianu, Dorel; N., Tessier-Doyen, Nicolas; J., Absi, Joseph; R.M., Negru, Radu Marcel; D.A., Șerban, D. A.; L., Marșavina, Liviu	Multi-Scale Mechanical Behaviour of a Highly Porous Alumina Based Foam	Metals and Materials International	26	10	10.1007/s12540-019-00413-0	2020	1524	1532	9	2-s2.0-85073982622	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073982622&doi=10.1007%2Fs12540-019-00413-0&partnerID=40&md5=8de2592b3a4bf73b9c9ed5148163942d	SCOPUS
92	C., Bușe, Constantin; V., Lupulescu, Vasile; D., O'Regan, Donal	Hyers-Ulam stability for equations with differences and differential equations with time-dependent and periodic coefficients	Proceedings of the Royal Society of Edinburgh Section A: Mathematics	150	5	10.1017/prm.2019.12	2020	2175	2188	14	2-s2.0-85063193297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063193297&doi=10.1017%2Fprm.2019.12&partnerID=40&md5=b9ada3972e86bd2283c0a598d57047c	SCOPUS
93	M., Vajda, Melinda; D.H., Ursu, Daniel Horatiu; N.M., Duțeanu, Narcis Mihai; M., Miclău, Marinela	Low lying valence band edge materials based on copper oxide for tandem dye-sensitized solar cells	Materials Letters	275		10.1016/j.matlet.2020.128151	2020				2-s2.0-85086594759	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086594759&doi=10.1016%2Fj.matlet.2020.128151&partnerID=40&md5=15dd2a1de66cb3c69d51b300388c2e43	SCOPUS
94	D.A., Pohoryles, Daniel A.; C., Maduta, Carmen; D.A., Bournas, Dionysios A.; L.A.S., Kouris, Leonidas Alexandros S.	Energy performance of existing residential buildings in Europe: A novel approach combining energy with seismic retrofitting	Energy and Buildings	223		10.1016/j.enbuild.2020.110024	2020				2-s2.0-85084966720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084966720&doi=10.1016%2Fj.enbuild.2020.110024&partnerID=40&md5=961d2692dedbe4f84b6d4e8a925f894a	SCOPUS
95	C.A., Popa, Călin Adrian	Dissipativity of impulsive matrix-valued neural networks with leakage delay and mixed delays	Neurocomputing	405		10.1016/j.neucom.2020.03.042	2020	85	95	11	2-s2.0-85085196003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085196003&doi=10.1016%2Fj.neucom.2020.03.042&partnerID=40&md5=b73dd7c70dd0636bb3c4d6de2b85e24a	SCOPUS

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96	A., Negrea, Adina; M., Mihăilescu, Maria; G.E., Moșoarcă, Giannin Emanuel; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; V., Mînzatu, Vasile	Estimation on fixed-bed column parameters of breakthrough behaviors for gold recovery by adsorption onto modified/functionalized amberlite xad7	International Journal of Environmental Research and Public Health	17	18	10.3390/ijerph17186868	2020	1	14	14	2-s2.0-85091237269	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091237269&doi=10.3390%2Fijerph17186868&partnerID=40&md5=43482a3d7e347209c38350a7e09e263d	SCOPUS
97	C., Zaharia, Cristian; V.F., Duma, Virgil-Florin Florin; C., Sinescu, Cosmin; V.M., Socoliuc, Vlad Mircea; I., Crăciunescu, Izabella; R.P., Turcu, R. Paula; C.N., Marin, C. N.; A., Tudor, Anca; M., Rominu, Mihai; M.L., Negrutiu, Meda Lavinia	Dental Adhesive Interfaces Reinforced with Magnetic Nanoparticles: Evaluation and Modeling with Micro-CT versus Optical Microscopy	Materials	13	18	10.3390/ma13183908	2020				2-s2.0-85094684274	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094684274&doi=10.3390%2Fma13183908&partnerID=40&md5=5003b96e7a17cb34ff22a2b42948a51	SCOPUS
98	D., Belega, Daniel; D., Petri, Dario; D., Dallet, Dominique	Contribution of an interharmonic component to the sine-wave parameters estimators returned by the interpolated Discrete Fourier transform algorithm	Acta IMEKO	9	3	10.21014/ACTA_IMEKO.V9I3.769	2020	17	25	9	2-s2.0-85094097120	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094097120&doi=10.21014%2FACTA_IMEKO.V9I3.769&partnerID=40&md5=fdf3e7e1570c92e1da729a7eaf13c43e	SCOPUS
99	G., Dobra, Gheorghe; S., García-Granda, Santiago; S., Iliev, Sorin; L., Coteț, Lucian; I., Hulka, Iosif; P., Negrea, Petru; N.M., Duțeanu, Narcis Mihai; A., Boiangiu, Alina; L., Filipescu, Laurențiu	Aluminum hydroxide impurities occlusions and contamination sources	Revista de Chimie	70	9	10.37358/RC.20.9.8318	2020	65	76	12	2-s2.0-85092746415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092746415&doi=10.37358%2FRC.20.9.8318&partnerID=40&md5=efdd9444d9818506ef1566ddd5cb036d	SCOPUS
100	I., Nichita, Ileana; L., Lupa, Lavinia; R.V., Gros, Radu Valentin; A., Visa, Aurelia; A., Popa, Adriana; I.M., Bucur, Iulia Maria; E., Tirziu, Emil	The effect of cellulose acetate in the inhibition of bacteria: An alternative for antimicrobial resistance	Revista de Chimie	70	9	10.37358/RC.20.9.8313	2020	23	31	9	2-s2.0-85092742228	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092742228&doi=10.37358%2FRC.20.9.8313&partnerID=40&md5=cf8327accf95dac69a4d887ef6d1449	SCOPUS
101	G., Popescu, Gabriela; I., Radulov, Isidora; O.A., Iordănescu, Olimpia Alina; M.D., Orboi, Manuela Dora; L., Rădulescu, Laura; M., Drugă, Mărioara; G.S., Bujancă, Gabriel Stelian; I., David, Ioan; D.I., Hădărugă, Daniel Ioan; C.A., Lucan (Banciu), Christine A.	Karl fischer water titration-principal component analysis approach on bread products	Applied Sciences (Switzerland)	10	18	10.3390/app10186518	2020				2-s2.0-85091991434	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091991434&doi=10.3390%2Fapp10186518&partnerID=40&md5=7ece5f2b6fa3735b35ad4561b17ab963	SCOPUS

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102	G.M., Dragomir, Gabriel Mugurel; M., Cernicova-Buca, Mariana; V., Gherheș, Vasile; L., Cismariu, Liliana	Engineering students' human values as rhizomatic lines of sustainability	Sustainability (Switzerland)	12	18	10.3390/SU12187417	2020				2-s2.0-85091704753	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091704753&doi=10.3390%2FSU12187417&partnerID=40&md5=d87eb1b4ac259c0cf811f91a023bb12	SCOPUS
103	A., Kellenberger, Andrea; D., Ambros, Daniela; N., Pleșu, Nicoleta	Polyaniline nanofibers modified ni electrodes for electrochemical hydrogen production	International Journal of Electrochemical Science	15	9	10.20964/2020.09.47	2020	8536	8551	16	2-s2.0-85091505037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091505037&doi=10.20964%2F2020.09.47&partnerID=40&md5=e11427cdeec5818834c1cdb2f974d82	SCOPUS
104	D., Cveticanin, Dragan; N., Herisanu, Nicolae; I., Biró, István; M.M., Zukovic, Miodrag M.; L.J., Cveticanin, L. J.	Vibration of the biomass boiler tube excited with impact of the cleaning device	Mathematics	8	9	10.3390/math8091519	2020				2-s2.0-85091364028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091364028&doi=10.3390%2Fmath8091519&partnerID=40&md5=098a15c7dcf9ba12a63e13da60854952	SCOPUS
105	R.D., Ene, Remus Daniel; C., Pop, Camelia; C., Petrișor, Camelia	Systematic review of geometrical approaches and analytical integration for Chen's system	Mathematics	8	9	10.3390/math8091530	2020				2-s2.0-85091356856	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091356856&doi=10.3390%2Fmath8091530&partnerID=40&md5=7bd4b2a37a8c237e7429118e985d19bf	SCOPUS
106	L.I., Cadariu-Brailoiu, Liviu Ioan; D., Popa, Dorian; I., Rașă, Ioan	Ulam stability of a second linear differential operator with nonconstant coefficients	Symmetry	12	9	10.3390/sym12091451	2020				2-s2.0-85091037154	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091037154&doi=10.3390%2Fsym12091451&partnerID=40&md5=3f13e6a82e4e531c1e75056b90e641d2	SCOPUS
107	L., Udrescu, Lucreția; P., Bogdan, Paul; A.R., Chis, Aimée Rodica; I.O., Sirbu, Ioan Ovidiu; A., Topirceanu, Alexandru; R.M., Varut, Renata Maria; M., Udrescu, Mihai	Uncovering new drug properties in target-based drug–drug similarity networks	Pharmaceutics	12	9	10.3390/pharmaceutics12090879	2020	1	27	27	2-s2.0-85090889262	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090889262&doi=10.3390%2Fpharmaceutics12090879&partnerID=40&md5=06708ebb8df7ac083f80227ab73892	SCOPUS

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108	A., Tulcan, Aurel; M.D., Vasilescu, Mircea Dorin; L., Tulcan, Liliana	Study of the influence of technological parameters on generating flat part with cylindrical features in 3D printing with resin cured by optical processing	Polymers	12	9	10.3390/POLYM12091941	2020				2-s2.0-85090858421	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090858421&doi=10.3390%2FPOLYM12091941&partnerID=40&md5=7d15c1df45643a531f4ee2026c81212d	SCOPUS
109	M., Moșoarcă, Marius; I., Onescu, Iasmina; E., Onescu, Eugen; A.S., Anastasiadis, Anthimos S.	Seismic vulnerability assessment methodology for historic masonry buildings in the near-field areas	Engineering Failure Analysis	115		10.1016/j.engfailanal.2020.104662	2020				2-s2.0-85086443967	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086443967&doi=10.1016%2Fj.engfailanal.2020.104662&partnerID=40&md5=4195d7dd6985af6ffca6cf7b6bf78b8b	SCOPUS
110	S., Karagiorgis, Savvas; A., Tsamis, Alkiviadis; C., Voutouri, Chrysovalantis; R.P., Turcu, R. Paula; A.S., Porav, Alin Sebastian; V.M., Socoliuc, Vlad Mircea; L.N., Vékás, Ladislau Nicolae; M., Louca, Maria; T., Stylianopoulos, Triantafyllos; V., Vavourakis, Vasileios	Engineered magnetoactive collagen hydrogels with tunable and predictable mechanical response	Materials Science and Engineering C	114		10.1016/j.msec.2020.111089	2020				2-s2.0-85084937687	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084937687&doi=10.1016%2Fj.msec.2020.111089&partnerID=40&md5=f5438211e9e57d070285af8d6a4f9449	SCOPUS
111	C.T., Albulescu, Claudiu Tiberiu; A.E., Artene, Alin Emanuel; C.T., Luminos, Caius Tudor; M., Tămășilă, Matei	CO2 emissions, renewable energy, and environmental regulations in the EU countries	Environmental Science and Pollution Research	27	27	10.1007/s11356-019-06155-1	2020	33615	33635	21	2-s2.0-85072110640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072110640&doi=10.1007%2Fs11356-019-06155-1&partnerID=40&md5=697eac3056bc9a6ea4b8d1d0275d1e6	SCOPUS
112	A., Ioana, Alexandru; A., Korodi, Adrian	Opca publish-subscribe and VSOME/IP notify-subscribe based gateway application in the context of car to infrastructure communication	Sensors	20	16	10.3390/s20164624	2020	1	20	20	2-s2.0-85089623405	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089623405&doi=10.3390%2Fs20164624&partnerID=40&md5=7e6152beaf29d7a733d48c6bcf445048	SCOPUS
113	V., Marinca, Vasile; N., Herisanu, Nicolae	Construction of analytic solution to axisymmetric flow and heat transfer on a moving cylinder	Symmetry	12	8	10.3390/sym12081335	2020	1	16	16	2-s2.0-85096219549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096219549&doi=10.3390%2Fsym12081335&partnerID=40&md5=a96208ea1b5526f873d6237f7f546c81	SCOPUS

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114	M.E., Radulescu-Grad, Maria Elena; G., Vlase, Gabriela; G., Ilia, Gheorge; A.A., Andelescu, Adelina Antonia; S., Popa, S.; A.X., Lupea, Alfa Xenia	Amido black 10b dye copper complex-synthesis, characterization and color analysis	Revista de Chimie	71	8	10.37358/RC.20.8.8276	2020	27	38	12	2-s2.0-85091172799	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091172799&doi=10.37358%2FRC.20.8.8276&partnerID=40&md5=e4ac584ea5f86ac64518c3bf8356ff17	SCOPUS
115	A.E., Artene, Alin Emanuel; O.C., Bunget, Ovidiu Constantin; A.C., Dumitrescu, Alin Constantin; A.E., Domil, Aura Emanuela; O., Bogdan, Oana	Non-financial information disclosures and environmental protection-evidence from Romania and Greece	Forests	11	8	10.3390/f11080814	2020				2-s2.0-85090247084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090247084&doi=10.3390%2Ff11080814&partnerID=40&md5=a5ef71eab1fd47e96bf6cb06e52154f	SCOPUS
116	C.I., Bota, Constantin I.; B., Căruntu, Bogdan; D., Țucu, Dumitru; M., Lăpădat, Marioara; M.S., Pașca, Mădălina Sofia	A Least squares differential quadrature method for a class of nonlinear partial differential equations of fractional order	Mathematics	8	8	10.3390/MATH8081336	2020				2-s2.0-85090090468	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090090468&doi=10.3390%2FMATH8081336&partnerID=40&md5=83862c251443e110554e82ba0113e55	SCOPUS
117	V., Marinca, Vasile; N., Herisanu, Nicolae	Optimal auxiliary functions method for a pendulum wrapping on two cylinders	Mathematics	8	8	10.3390/MATH8081364	2020				2-s2.0-85090009864	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090009864&doi=10.3390%2FMATH8081364&partnerID=40&md5=3621c71bc1da176fd25e6439a387ed8	SCOPUS
118	O., Buriac, Oana; M., Ciopec, Mihaela; N.M., Dușeanu, Narcis Mihai; A., Negrea, Adina; P., Negrea, Petru; I., Grozav, Ion	Platinum (IV) recovery from waste solutions by adsorption onto Dibenzo-30-crown-10 ether immobilized on amberlite XAD7 resin-factorial design analysis	Molecules	25	16	10.3390/molecules25163692	2020				2-s2.0-85089810890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089810890&doi=10.3390%2Fmolecules25163692&partnerID=40&md5=47f2c6b79a48d58379967aa070c71a01	SCOPUS
119	I.D., Utu, Ion Dragos; R., Muntean, Roxana; I., Mitelea, Ion	Corrosion and Wear Properties of Zn-Based Composite Coatings	Journal of Materials Engineering and Performance	29	8	10.1007/s11665-020-04995-4	2020	5360	5365	6	2-s2.0-85089024267	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089024267&doi=10.1007%2Fs11665-020-04995-4&partnerID=40&md5=f155ae36f6dc33b7a776b8d6476e01d	SCOPUS

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120	R.E., Precup, Radu Emil; Ș., Preitl, Ștefan; E.M., Petriu, Emil M.; R.C., Roman, Raul Cristian; C.A., Bojan-Dragos, Claudia Adina; E.L., Hedrea, Elena Lorena; A.I., Szedlak-Stinean, Alexandra Iulia	A center manifold theory-based approach to the stability analysis of state feedback Takagi-Sugeno-Kang fuzzy control systems	Facta Universitatis, Series: Mechanical Engineering	18	2	10.22190/FUME200421022P	2020	189	204	16	2-s2.0-85088993743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088993743&doi=10.22190%2FFUME200421022P&partnerID=40&md5=c99d0ae5305d73967203e3da13993f42	SCOPUS
121	E., Marian, Eleonora; N.M., Duțeanu, Narcis Mihai; L.G., Vicaș, Laura Gratiela; G.I., Rusu, Gerlinde I.; T., Jucă, Tünde; M.E., Mureșan, Mariana Eugenia; O., Micle, Otilia; A.C., Hangan, Adriana Corina; R.L., Lucaciu, Roxana Liana; C.M.L., Ionescu, Corina Maria Lucia	Synthesis, characterization of inclusion compounds of amygdalin with β -cyclodextrin and sod-like activity and cytotoxicity on hela tumor cells	Arabian Journal of Chemistry	13	8	10.1016/j.arabjc.2020.06.035	2020	6828	6837	10	2-s2.0-85088147649	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088147649&doi=10.1016%2Fj.arabjc.2020.06.035&partnerID=40&md5=c0c76732576b98c8cab8fc0f02e0ef54	SCOPUS
122	A., Simo, Attila; S., Džiđac, Simona; F., Mihai Frigura-Iliasa, Flaviu; S., Mușuroi, Sorin; P., Andea, Petru; D., Meianu, Dragos	Technical solution for a real-time air quality monitoring system	International Journal of Computers, Communications and Control	15	4	10.15837/IJCCC.2020.4.3891	2020	1	10	10	2-s2.0-85087698951	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087698951&doi=10.15837%2FIJCCC.2020.4.3891&partnerID=40&md5=6a8c1a134bae73c7a03cc9d1f5767c5c	SCOPUS
123	N., Lupa, Nicolae; L.H., Popescu, Liviu Horia	Admissible Banach Function Spaces and Nonuniform Stabilities	Mediterranean Journal of Mathematics	17	4	10.1007/s00009-020-01544-0	2020				2-s2.0-85087086212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087086212&doi=10.1007%2Fs00009-020-01544-0&partnerID=40&md5=1e5487255df51c73304140a5e9f751d8	SCOPUS
124	D., Vlase, Dan; M., Codruța, Moșoiu; G., Vlase, Gabriela; R.I., Lazău, Radu Ioan; T., Vlase, T.	Comparative analyses of Roman mortars belonging to different ancient periods from Drobeta-Turnu Severin region	Journal of Thermal Analysis and Calorimetry	141	3	10.1007/s10973-020-09917-z	2020	991	998	8	2-s2.0-85087055270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087055270&doi=10.1007%2Fs10973-020-09917-z&partnerID=40&md5=67fb856c9e83f89246c7c07f747e406f	SCOPUS
125	I.V., Ledeti, Ionut Valentin; C., Bengescu, Cosmina; D., Circioban, Denisa; G., Vlase, Gabriela; T., Vlase, T.; C., Tomoroga, Carmen; V.O., Buda, Valentina Oana; A., Ledeti, Adriana; A.O., Dragomirescu, Anca Octavia; M.S., Murariu, Marius Sorin	Solid-state stability and kinetic study of three glucocorticoid hormones: prednisolone, prednisone and cortisone	Journal of Thermal Analysis and Calorimetry	141	3	10.1007/s10973-020-09534-w	2020	1053	1065	13	2-s2.0-85084220278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084220278&doi=10.1007%2Fs10973-020-09534-w&partnerID=40&md5=a59061aadb511822f81c38b4a4b11df	SCOPUS

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126	I.M., Tănase, Ionut Mihai; L., Sbârcea, Laura; A., Ledeti, Adriana; G., Vlase, Gabriela; P., Barvinschi, Paul; R.M., Varut, Renata Maria; A.O., Dragomirescu, Anca Octavia; C., Axente, Carmen; I.V., Ledeti, Ionut Valentin	Physicochemical characterization and molecular modeling study of host-guest systems of aripiprazole and functionalized cyclodextrins	Journal of Thermal Analysis and Calorimetry	141	3	10.1007/s10973-020-09549-3	2020	1027	1039	13	2-s2.0-85082860614	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082860614&doi=10.1007%2Fs10973-020-09549-3&partnerID=40&md5=f6c55ff4a1f531c62c4810e78a784776	SCOPUS
127	A., Todea, Anamaria; D.M., Dreava, Diana Maria; I., Bîțcan, Ioan; I.V., Ledeti, Ionut Valentin; G.N., Bandur, Geza Nicolae; F., Peter, Francisc; L.Z.S., Nagy, Lajos Z.S.; S., Kéki, Sándor; E., Biró, Emese	Thermal behavior of oligo[(ε-caprolactone)-co-δ-gluconolactone] enzymatically synthesized in reaction conditions optimized by experimental design	Journal of Thermal Analysis and Calorimetry	141	3	10.1007/s10973-020-09557-3	2020	1017	1026	10	2-s2.0-85082415468	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082415468&doi=10.1007%2Fs10973-020-09557-3&partnerID=40&md5=cfb5f771179b6e7a34649d6d23e32031	SCOPUS
128	R.M., Tudoran, Răzvan Micu; A., Gîrban, Anania	On the rattleback dynamics	Journal of Mathematical Analysis and Applications	488	1	10.1016/j.jmaa.2020.124066	2020				2-s2.0-85082100575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082100575&doi=10.1016%2Fj.jmaa.2020.124066&partnerID=40&md5=dbfc30d814a7aabbcc348fda70d9a6067	SCOPUS
129	S.E., Ahmed, Shady E.; O., San, Omer; D.A., Bistriian, Diana Alina; I.M., Navon, I. M.	Sampling and resolution characteristics in reduced order models of shallow water equations: Intrusive vs nonintrusive	International Journal for Numerical Methods in Fluids	92	8	10.1002/flid.4815	2020	992	1036	45	2-s2.0-85081014547	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081014547&doi=10.1002%2Fflid.4815&partnerID=40&md5=f261251e7c38c1007388dbd6e532dd63	SCOPUS
130	R.L., Negrea, Romeo Iosif	On a class of nonlinear stochastic integral equations	Nonlinear Analysis: Real World Applications	54		10.1016/j.nonrwa.2020.103104	2020				2-s2.0-85078246641	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078246641&doi=10.1016%2Fj.nonrwa.2020.103104&partnerID=40&md5=d3b61b7c3da53fd74df493587a4777b	SCOPUS
131	R.L., Negrea, Romeo Iosif	On a nonlinear stochastic integral equation	Monatshefte für Mathematik	192	4	10.1007/s00605-019-01353-y	2020	905	914	10	2-s2.0-85078229843	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078229843&doi=10.1007%2Fs00605-019-01353-y&partnerID=40&md5=c6edcea1de0d86c3233f05b6ecd4eb5a3	SCOPUS

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132	I., Păușescu, Iulia; A., Todea, Anamaria; V., Badea, Valentin; F., Peter, Francisc; M.A., Medeleanu, Mihai A.; I.V., Ledeti, Ionut Valentin; G., Vlase, Gabriela; T., Vlase, T.	Optical and thermal properties of intelligent pH indicator films based on chitosan/PVA and a new xanthylum dye	Journal of Thermal Analysis and Calorimetry	141	3	10.1007/s10973-019-08911-4	2020	999	1008	10	2-s2.0-85074690552	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074690552&doi=10.1007%2Fs10973-019-08911-4&partnerID=40&md5=f4c88ffa835c37c794904960fd926292d	SCOPUS
133	B., Arvinti, Beatrice; A., Isar, Alexandru; D., Toader, Dumitru; H., Toepfer, Hannes; M., Costache, Marius	Experimental stand for the study of non-sinusoidal electrical phenomena	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	65	3-4		2020	179	184	6	2-s2.0-85100169851	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100169851&partnerID=40&md5=6f431a32a005496830d24611a9d0d41b	SCOPUS
134	T., Dehelean, Teodor; C., Naforita, Corina; A., Isar, Alexandru	Enhanced metric for multiple extended object tracker	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	65	3-4		2020	235	243	9	2-s2.0-85100104736	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100104736&partnerID=40&md5=1df4094ee8ceb2c008bac80e9447a66	SCOPUS
135	M., Ionișescu, Marius; D., Vermeșan, Dinu; O., Suciu, O.; B.N., Deleanu, Bogdan Nicolae; A., Abu-Awwad, Ahmed; V.C., Dumitrașcu, Victor Cristian; R.I., Negrea, Romeo Iosif; D.I., Fruja, Dan Ioan	Association of neutrophil to lymphocyte ratio with disease severity and joint effusion in patients with early stage knee osteoarthritis	Revista de Chimie	71	7	10.37358/RC.20.7.8264	2020	464	468	5	2-s2.0-85090444853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090444853&doi=10.37358%2FRC.20.7.8264&partnerID=40&md5=2461b51d87b1b7aeab4c5a453171a4dd	SCOPUS
136	G., Kiss, Gabriel; G.I., Rusu, Gerlinde I.; F., Peter, Francisc; I.M., Tănase, Ionut Mihai; G.N., Bandur, Geza Nicolae	Recovery of flexible polyurethane foam waste for efficient reuse in industrial formulations	Polymers	12	7	10.3390/polym12071533	2020	1	14	14	2-s2.0-85088296547	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088296547&doi=10.3390%2Fpolym12071533&partnerID=40&md5=c589709c3f1433ec8e301b1d30490b4f	SCOPUS
137	N., Herisanu, Nicolae; V., Marinca, Vasile	An efficient analytical approach to investigate the dynamics of a misaligned multirotor system	Mathematics	8	7	10.3390/math8071083	2020				2-s2.0-85087927545	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087927545&doi=10.3390%2Fmath8071083&partnerID=40&md5=df07edf0292ea04512aec3b15ccd01bb	SCOPUS
138	N., Lupa, Nicolae	A new approach on Datko-Zabczyk method for nonuniform exponential stability	Mathematics	8	7	10.3390/math8071095	2020				2-s2.0-85087914445	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087914445&doi=10.3390%2Fmath8071095&partnerID=40&md5=22fef7e0fb75b8ef0180ae9977fb0f8f	SCOPUS

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139	D.L., Zirra, Daniela Lenuta; A., Perju-Mitran, Alexandra; G., Cărușu, George; A., Pirjan, Alexandru; E.G., Garais, Eugen Gabriel	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	Sustainability (Switzerland)	12	13	10.3390/su12135341	2020				2-s2.0-85087901509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087901509&doi=10.3390%2Fsu12135341&partnerID=40&md5=eff385f03325ef958e4c62d8306f3e89	SCOPUS
140	C.A., Popa, Călin Adrian; E., Kaslik, Eva	Finite-time mittag-leffler synchronization of neutral-type fractional-order neural networks with leakage delay and time-varying delays	Mathematics	8	7	10.3390/math8071146	2020				2-s2.0-85087862998	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087862998&doi=10.3390%2Fmath8071146&partnerID=40&md5=c3be2b3d50f482a56906a9af6a79cd4b	SCOPUS
141	L., Bușoni, Lucian; V.S., Varma, Vineeth Satheeskumar; J., Lohéac, Jérôme; A., Codrean, Alexandru; O., Ștefan, Octavian; I.C., Morarescu, Irinel Constantin; S., Lasaulce, Samson	Learning control for transmission and navigation with a mobile robot under unknown communication rates	Control Engineering Practice	100		10.1016/j.conengprac.2020.104460	2020				2-s2.0-85084846470	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084846470&doi=10.1016%2Fj.conengprac.2020.104460&partnerID=40&md5=12f01e079fd96acc2a47f0e55feec6	SCOPUS
142	C.T., Albulescu, Claudiu Tiberiu; A.K., Tiwari, Aviral Kumar; Q., Ji, Qiang	Copula-based local dependence among energy, agriculture and metal commodities markets	Energy	202		10.1016/j.energy.2020.117762	2020				2-s2.0-85084472904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084472904&doi=10.1016%2Fj.energy.2020.117762&partnerID=40&md5=d0eb563a1765f4d7a8fb62bfe1ecc2b1	SCOPUS
143	C., Bușe, Constantin; D., O'Regan, Donal	A weak integral condition and its connections with existence and uniqueness of solutions for some abstract Cauchy problems in Banach spaces	Monatshefte fur Mathematik	192	3	10.1007/s00605-019-01339-w	2020	493	512	20	2-s2.0-85074579074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074579074&doi=10.1007%2Fs00605-019-01339-w&partnerID=40&md5=1c38c36afb997e39515f54c6c1947399	SCOPUS
144	L., Ungurean, Lucian; M.V., Micea, Mihai Victor; G.N., Cârstoiu, Gabriel N.	Online state of health prediction method for lithium-ion batteries, based on gated recurrent unit neural networks	International Journal of Energy Research	44	8	10.1002/er.5413	2020	6767	6777	11	2-s2.0-85082967546	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082967546&doi=10.1002%2Fer.5413&partnerID=40&md5=54ede48b72b74da6cff055f3f2cfe991	SCOPUS

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145	D., Susan-Resiga, Daniela; I., Mălăescu, Iosif; O.M., Marinică, Oana Maria; C.N., Marin, C. N.	Magnetorheological properties of a kerosene-based ferrofluid with magnetite particles hydrophobized in the absence of the dispersion medium	Physica B: Condensed Matter	587		10.1016/j.physb.2020.412150	2020				2-s2.0-85082858764	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082858764&doi=10.1016%2Fj.physb.2020.412150&partnerID=40&md5=134f88deb345235f8cc66cfec4b934	SCOPUS
146	M., Bauer, Martin; M., Bruveris, Martins; E.C., Cismas, Emanuel Ciprian; J., Escher, Joachim; B., Kolev, Boris	Well-posedness of the EPDiff equation with a pseudo-differential inertia operator	Journal of Differential Equations	269	1	10.1016/j.jde.2019.12.008	2020	288	325	38	2-s2.0-85077170450	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077170450&doi=10.1016%2Fj.jde.2019.12.008&partnerID=40&md5=73381e78447b1d46a4b9ac0a943af6ac	SCOPUS
147	R., Salvia, Rosanna; R., Hălbac-Cotoară-Zamfir, Rareș; S.R.S., Cividino, Sirio Rossano Secondo; L., Salvati, Luca; G., Quaranta, Giovanni	From rural spaces to peri-urban districts: Metropolitan growth, sparse settlements and demographic dynamics in a mediterranean region	Land	9	6	10.3390/land9060200	2020	1	19	19	2-s2.0-85095743006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095743006&doi=10.3390%2Fland9060200&partnerID=40&md5=801d51081d9b40076cc4080eb63ca9e3	SCOPUS
148	M.C., Ancuți, Mihaela Codruta; S., Mușuroi, Sorin; S., Ciprian, Sorandaru; M., Dordescu, Marian; G.M., Erdodi, Gheza Mihai	Wind turbines optimal operation at time variable wind speeds	Applied Sciences (Switzerland)	10	12	10.3390/app10124232	2020				2-s2.0-85087753037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087753037&doi=10.3390%2Fapp10124232&partnerID=40&md5=3c564272199f4f09d395ed7a7152af88	SCOPUS
149	A., Hegyi, Alexandru; A., Sarris, Apostolos; F., Curta, Florin; C., Floca, Cristian; S., Fortiu, Sorin; P., Urdea, Petru; A.L., Onaca, Alexandru Lucian; F., Timofte, Fabian; M., Pisz, Michał; S., Timut, Sergiu	Deserted medieval village reconstruction using applied geosciences	Remote Sensing	12	12	10.3390/rs12121975	2020				2-s2.0-85086994206	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086994206&doi=10.3390%2Frs12121975&partnerID=40&md5=3263816485f985cd8f942db23e29cca7	SCOPUS
150	A., Korodi, Adrian; D., Anitei, Denis; A., Boitor, Alexandru; I., Silea, Ioan	Image-processing-based low-cost fault detection solution for end-of-line ecus in automotive manufacturing	Sensors	20	12	10.3390/s20123520	2020	1	24	24	2-s2.0-85086990762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086990762&doi=10.3390%2Fs20123520&partnerID=40&md5=e1e0bdce99b251f0383c42ec139a461cf	SCOPUS
151	C., Covaci, Corina; A., Gontean, Aurel	Piezoelectric energy harvesting solutions: A review	Sensors	20	12	10.3390/s20123512	2020	1	37	37	2-s2.0-85086756946	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086756946&doi=10.3390%2Fs20123512&partnerID=40&md5=827c547da1a5deadbedb30916a8091e	SCOPUS

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152	R., Mîrșu, Radu; G., Simion, Georgiana; C.D., Căleanu, Cătălin Daniel; P.C., Ioana-Monica, Pop Calimanu	A pointnet-based solution for 3D hand gesture recognition	Sensors	20	11	10.3390/s20113226	2020	1	13	13	2-s2.0-85086142251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086142251&doi=10.3390%2Fs20113226&partnerID=40&md5=269357735425cc6c061cb924bb	SCOPUS
153	B.A., Militaru, Bogdan Adrian; R., Pode, Rodica; L., Lupa, Lavinia; W., Schmidt, Winfried; A., Tekle-Röttering, Agnes; N., Kazamer, Norbert	Using sewage sludge ash as an efficient adsorbent for Pb (II) and Cu (II) in single and binary systems	Molecules	25	11	10.3390/molecules25112559	2020				2-s2.0-85085909893	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085909893&doi=10.3390%2Fmolecules25112559&partnerID=40&md5=93156f3466c4ac50e83e3f16637a44fd	SCOPUS
154	E., Făgădar-Cosma, Eugenia; N., Pleșu, Nicoleta; A., Lascu, Anca; D., Anghel, Diana; M., Cazacu, Maria; C., Ianăși, Cătălin; G.H., Făgădar-Cosma, Gheorghe H.; I., Fratilesco, Ion; C., Epuran, Camelia	Novel platinum-porphyrin as sensing compound for efficient fluorescent and electrochemical detection of H2O2	Chemosensors	8	2	10.3390/CHEMOSENSORS8020029	2020				2-s2.0-85085141271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085141271&doi=10.3390%2FCHEMOSENSORS8020029&partnerID=40&md5=f09a29136f9fd96a0	SCOPUS
155	P., Apopei, Petru; C., Orha, Corina; M.I., Popescu, Mina Ionela; C., Lăzău, Carmen; F., Manea, Florica; C., Catrinescu, Cezar; C.C., Teodosiu, Carmen C.	Diclofenac removal from water by photocatalysis- assisted filtration using activated carbon modified with N-doped TiO2	Process Safety and Environmental Protection	138		10.1016/j.psep.2020.03.012	2020	324	336	13	2-s2.0-85083462999	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083462999&doi=10.1016%2Fj.psep.2020.03.012&partnerID=40&md5=a636d779fa2ff640b5c706ec13b20a1d	SCOPUS
156	M.V., Pevnaya, Maria V.; M., Cernicova-Buca, Mariana	Corporate volunteering in the large enterprises' social mission - The case of a post-Soviet Russian industrial region	Central European Journal of Public Policy	14	1	10.2478/cejpp-2020-0001	2020	31	42	12	2-s2.0-85082828478	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082828478&doi=10.2478%2Fcejpp-2020-0001&partnerID=40&md5=f10955f72521b8d8e6d5bc61add58a26	SCOPUS
157	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; S., Boran, Sorina; C., Tănăsie, Cristian	A green approach for treatment of wastewater with manganese using wood ash	Journal of Chemical Technology and Biotechnology	95	6	10.1002/jctb.6376	2020	1781	1789	9	2-s2.0-85080883213	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080883213&doi=10.1002%2Fjctb.6376&partnerID=40&md5=757b4fa266d91aa0223fc2c4cf01a564	SCOPUS

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158	A.I., Bosioc, Alin Ilie; C., Tănăsă, Constantin	Experimental study of swirling flow from conical diffusers using the water jet control method	Renewable Energy	152		10.1016/j.renene.2020.01.080	2020	385	398	14	2-s2.0-85078129507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078129507&doi=10.1016%2Fj.renene.2020.01.080&partnerID=40&md5=cdea0ad9695a9c465cc3540566d0f0df	SCOPUS
159	E.C., Cismas, Emanuel Ciprian; N., Lupa, Nicolae	A Nash–Moser approach for the Euler–Arnold equations	Monatshefte fur Mathematik	192	2	10.1007/s00605-019-01344-z	2020	333	353	21	2-s2.0-85074504985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074504985&doi=10.1007%2F00605-019-01344-z&partnerID=40&md5=415ee4fd7102f893545f7e92877e228	SCOPUS
160	A.K., Ospanova, Anar K.; L., Matekovits, Ladislau; A.A., Basharin, Alexey A.	All-dielectric nanoantenna for efficient reflectors irradiation	Physical Sciences and Technology	7	1-2	10.26577/phst.2020.v7.i1.04	2020	25	30	6	2-s2.0-85173244978	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173244978&doi=10.26577%2Fphst.2020.v7.i1.04&partnerID=40&md5=fb35804cbbda6f4e7958987c2fb47e7b	SCOPUS
161	G., Moza, Gheorghe; R., Efrem, Raluca	Analysis of a map-based neuronal model	Journal of Difference Equations and Applications	26	5	10.1080/10236198.2020.1780219	2020	643	656	14	2-s2.0-85086923246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086923246&doi=10.1080%2F10236198.2020.1780219&partnerID=40&md5=8ef2didea9637f8d4c2cce2bcc3c7356	SCOPUS
162	L., Ivascu, Larisa	Measuring the implications of sustainable manufacturing in the context of industry 4.0	Processes	8	5	10.3390/PR8050585	2020				2-s2.0-85086129997	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086129997&doi=10.3390%2FPR8050585&partnerID=40&md5=0bfd9937bd097062f8a2a3736d038c72	SCOPUS
163	O., Khezzadeh, Omid; O., Mirzaee, Omid; E., Emadoddin, Esmail; E., Linul, Emanoil	Anisotropic compressive behavior of metallic foams under extreme temperature conditions	Materials	13	10	10.3390/ma13102329	2020				2-s2.0-85085598699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085598699&doi=10.3390%2Fma13102329&partnerID=40&md5=9b612ca63056ff00251bd20623d92057	SCOPUS

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164	R., Voda, Raluca; S.C., Negrea, Sorina Claudia; A.C., Ianculescu, Adelina Carmen; C., Păcurariu, Cornelia; B.S., Vasile, Bogdan Ștefan; V.A., Surdu, Vasile Adrian; F., Manea, Florica	Lanthanum ferrite ceramic powders: Synthesis, characterization and electrochemical detection application	Materials	13	9	10.3390/MA13092061	2020				2-s2.0-85085580403	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085580403&doi=10.3390%2FMA13092061&partnerID=40&md5=49f6af765cf3b721f90fe9c4a35710a	SCOPUS
165	V.I., Ungureanu, Vlad Ilie; R.C., Miclea, Rațvan Cătălin; A., Korodi, Adrian; I., Silea, Ioan	A novel approach against sun glare to enhance driver safety	Applied Sciences (Switzerland)	10	9	10.3390/app10093032	2020				2-s2.0-85085501035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085501035&doi=10.3390%2Fapp10093032&partnerID=40&md5=51f23d60f97f7b59c1e3e6c2b9651fd8	SCOPUS
166	A.A., Nicolae, Andrei Alexandru; A., Korodi, Adrian; I., Silea, Ioan	Weather-based prediction strategy inside the proactive historian with application in wastewater treatment plants	Applied Sciences (Switzerland)	10	9	10.3390/app10093015	2020				2-s2.0-85085488063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085488063&doi=10.3390%2Fapp10093015&partnerID=40&md5=31503e068f1452966f1ce01b412f0b8e	SCOPUS
167	R., Hălbac-Cotoară-Zamfir, Rareș; G., Egidi, Gianluca; E.M., Mosconi, Enrico Maria; S., Poponi, Stefano; A.M., Alhuseen, Ahmed Mohammed; L., Salvati, Luca	Uncovering demographic trends and recent urban expansion in metropolitan regions: A paradigmatic case study	Sustainability (Switzerland)	12	9	10.3390/su12093937	2020				2-s2.0-85085277654	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085277654&doi=10.3390%2Fsu12093937&partnerID=40&md5=72c4b117a0b0f1fbbad91e893651ee8	SCOPUS
168	A., Visa, Aurelia; B.E., Mărănescu, Bianca Elena; L., Lupa, Lavinia; L., Crișan, Luminița; A., Borota, Ana	New efficient adsorbent materials for the removal of Cd(II) from aqueous solutions	Nanomaterials	10	5	10.3390/nano10050899	2020				2-s2.0-85084354915	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084354915&doi=10.3390%2Fnano10050899&partnerID=40&md5=082cc228be7d23aef61aadd42ecbd893	SCOPUS
169	A.V., Nagornyi, Anatolii V.; V.M., Socoliuc, Vlad Mircea; V.I., Petrenko, Viktor I.; L., Almásy, László; O.I., Ivankov, O. I.; M.V., Avdeev, M. V.; L.A., Bulavin, Leonid Anatolievich; L.N., Vékás, Ladislau Nicolae	Structural characterization of concentrated aqueous ferrofluids	Journal of Magnetism and Magnetic Materials	501		10.1016/j.jmmm.2020.166445	2020				2-s2.0-85077947791	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077947791&doi=10.1016%2Fj.jmmm.2020.166445&partnerID=40&md5=77f349da25d215292de891e1edd655d7	SCOPUS

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170	S., Vares, Sirje; P., Hradil, Petr; M.R., Sansom, Michael R.; V., Ungureanu, Viorel	Economic potential and environmental impacts of reused steel structures	Structure and Infrastructure Engineering	16	4	10.1080/15732479.2019.1662064	2020	750	761	12	2-s2.0-85073945110	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073945110&doi=10.1080%2F15732479.2019.1662064&partnerID=40&md5=288024a7763403fe795a39f80b4c83da	SCOPUS
171	A.S.S., Manea, Adriana Sida S.; S., Muntean, Sebastian; D.C., Stroiță, Daniel Catalin	Analytical approach and numerical methodology validated against experimental data on s shape airfoil for wide flow angles of attack	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	21	2		2020	163	172	10	2-s2.0-85095570057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095570057&partnerID=40&md5=1711915900c4b18d3f4ba95ae374ed99	SCOPUS
172	L., Manolescu, Laura	Ulam's type stability and generalized norms	Symmetry	12	4	10.3390/SYM12040502	2020				2-s2.0-85086935217	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086935217&doi=10.3390%2FSYM12040502&partnerID=40&md5=829bda563f2a1eaf57432a08c03e2b77	SCOPUS
173	R., Nicola, Roxana; O., Costișor, Otilia; M., Ciopec, Mihaela; A., Negrea, Adina; R.I., Lazău, Radu Ioan; C., Ianăși, Cătălin; E.M., Picioruș, Elena Mirela; A., Len, Adél; L., Almásy, László; E.I., Szerb, Elisabeta Ildyko	Silica-coated magnetic nanocomposites for Pb2+ removal from aqueous solution	Applied Sciences (Switzerland)	10	8	10.3390/APP10082726	2020				2-s2.0-85084666755	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084666755&doi=10.3390%2FAPP10082726&partnerID=40&md5=6f35a95860635c42182c50de3fa2c72	SCOPUS
174	T., Heinosaari, Teiko; M.A., Jivulescu, Maria Anastasia; I., Nechita, Ion	Random positive operator valued measures	Journal of Mathematical Physics	61	4	10.1063/1.5131028	2020				2-s2.0-85084354913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084354913&doi=10.1063%2F1.5131028&partnerID=40&md5=a60188e63dcd8cd2b3ca08a1a61ebf64	SCOPUS
175	M.L., Vasilescu, Marius Lucian; I.V., Antoniac, Iulian Vasile; D.I., Stoia, Dan Ioan; D.C., Lăptoiu, Dan Constantin; A., Stoia, Andreea; C., Vigar, Cosmina; S.E., Grădinaru, Sebastian E.	Using stainless steel and titanium alloy in Charcot foot reconstruction. FEA simulation and clinical case	Revista de Chimie	71	4	10.37358/RC.20.4.8062	2020	235	247	13	2-s2.0-85084306748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084306748&doi=10.37358%2FRC.20.4.8062&partnerID=40&md5=69229a2a626900ecd4b0f073df65711	SCOPUS
176	S., Șimon, Simona; C.E., Stoian, Claudia Elena; V., Gherșeș, Vasile	The Concept of Sustainability in the Romanian Top Universities' Strategic Plans	Sustainability (Switzerland)	12	7	10.3390/su12072757	2020				2-s2.0-85083637472	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083637472&doi=10.3390%2Fsu12072757&partnerID=40&md5=702460f7a9f46f343c4c1d7b88fd546	SCOPUS

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177	I.A., Filip, Ioan A.; F., Drăgan, Florin; I., Szeidert, Iosif; A., Albu, Adriana	Minimum-variance control system with variable control penalty factor	Applied Sciences (Switzerland)	10	7	10.3390/app10072274	2020				2-s2.0-85083576216	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083576216&doi=10.3390%2Fapp10072274&partnerID=40&md5=2ea62cc676c9772db656ef19cea357ca	SCOPUS
178	R., Hălbac-Cotoară-Zamfir, Rareș; S.R.S., Cividino, Sirio Rossano Secondo; G., Egidio, Gianluca; R., Salvia, Rosanna; L., Salvati, Luca	Rapidity of change in population age structures: A local approach based on multiway factor analysis	Sustainability (Switzerland)	12	7	10.3390/su12072828	2020				2-s2.0-85083526810	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083526810&doi=10.3390%2Fsu12072828&partnerID=40&md5=19d4753c8a23327164405618c492310	SCOPUS
179	T., Vangijzegem, Thomas; D., Stanicki, Dimitri; A., Panepinto, Adriano; V.M., Socoliuc, Vlad Mircea; L.N., Vékás, Ladislav Nicolae; R.N., Müller, Robert N.; S., Laurent, Sophie	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)	Nanomaterials	10	4	10.3390/nano10040757	2020				2-s2.0-85083441438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083441438&doi=10.3390%2Fnano10040757&partnerID=40&md5=179cc69134033406ab861fa4aba16bef	SCOPUS
180	R.C., Ionel, Raul Ciprian; S., Mischie, Septimiu; D., Belega, Daniel; L., Mățuș-Lovan, Liliana; C., Dughir, Ciprian	IM applications for educational purposes	IEEE Instrumentation and Measurement Magazine	23	2	10.1109/MIM.2020.9062684	2020	21	29	9	2-s2.0-85083435421	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083435421&doi=10.1109%2FMIM.2020.9062684&partnerID=40&md5=7d0da559f149a40fe6778b8078a19f57	SCOPUS
181	A., Tekle-Röttering, Agnes; S., Lim, Sungeun; E., Reisz, Erika; H.V., Lutze, Holger Volker; M.S., Abdighahroudi, Mohammad Sajjad; S., Willach, Sarah; W., Schmidt, Winfried; P.R., Tentscher, Peter R.; D., Rentsch, Daniel; C.S., Mc Ardell, Christa S.	Reactions of pyrrole, imidazole, and pyrazole with ozone: Kinetics and mechanisms	Environmental Science: Water Research and Technology	6	4	10.1039/c9ew01078e	2020	976	992	17	2-s2.0-85083118469	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083118469&doi=10.1039%2Fc9ew01078e&partnerID=40&md5=8e423b52623791311eef5a3bd026cf95	SCOPUS
182	B.I., Pascu, Bogdan Ioan; A., Negrea, Adina; M., Ciopec, Mihaela; C.M., Davidescu, Corneliu Mircea; P., Negrea, Petru; V.D., Gherman, Vasile Daniel; N.M., Duțeanu, Narcis Mihai	New generation of antibacterial products based on colloidal silver	Materials	13	7	10.3390/ma13071578	2020				2-s2.0-85082937309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082937309&doi=10.3390%2Fma13071578&partnerID=40&md5=9f5a80f8dde86806c7531c9ced91d70d	SCOPUS
183	E., Linul, Emanoil; L., Marșavina, Liviu; D.I., Stoia, Dan Ioan	Mode I and II fracture toughness investigation of Laser-Sintered Polyamide	Theoretical and Applied Fracture Mechanics	106		10.1016/j.tafmec.2020.102497	2020				2-s2.0-85078199128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078199128&doi=10.1016%2Fj.tafmec.2020.102497&partnerID=40&md5=f740230be1b2e15a07e0f19e1ec187a3	SCOPUS

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184	D.I., Vamvatsikos, Dimitrios I.; K., Bakalis, Konstantinos; M., Kohrangi, Mohsen; S., Pyrza, Stella; C.A., Castiglioni, Carlo Andrea; A., Kanyilmaz, Alper; F., Morelli, Francesco; A., Stratan, Aurel; M., D'Aniello, Mario; L.M., Calado, Luis M.	A risk-consistent approach to determine EN1998 behaviour factors for lateral load resisting systems	Soil Dynamics and Earthquake Engineering	131		10.1016/j.soildyn.2019.106008	2020				2-s2.0-85077952339	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077952339&doi=10.1016%2Fj.soildyn.2019.106008&partnerID=40&md5=f41700d20d93a20722be1534044be2c8	SCOPUS
185	R., Nicola, Roxana; O., Costișor, Otilia; S.G., Muntean, Simona Gabriela; M.A., Nistor, Maria Andreea; A.M., Lacrămă, Ana Maria; C., Ianăși, Cătălin; R.I., Lazău, Radu Ioan; L., Almásy, László; L., Sacarescu, L.	Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions	Journal of Porous Materials	27	2	10.1007/s10934-019-00821-y	2020	413	428	16	2-s2.0-85075195623	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075195623&doi=10.1007%2Fs10934-019-00821-y&partnerID=40&md5=1cc5bb5d18d758bb7e59325c8e023b36	SCOPUS
186	C., Milici, Constantin; J.A., Machado Tenreiro, J. A.; G.E., Dragonescu, Gheorghe Eugen	Application of the Euler and Runge-Kutta Generalized Methods for FDE and Symbolic Packages in the Analysis of Some Fractional Attractors	International Journal of Nonlinear Sciences and Numerical Simulation	21	2	10.1515/ijnsns-2018-0248	2020	159	170	12	2-s2.0-85074500733	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074500733&doi=10.1515%2Fijnsns-2018-0248&partnerID=40&md5=5a1ce2d6b0cb6796c49cd4efc56495a1	SCOPUS
187	I.C., Roată, Ionuț Claudiu; C., Croitoru, Cătălin; A., Pascu, Alexandru; E.M., Stanciu, Elena Manuela; I., Hulka, Iosif; I.M., Petre, Ioana Mădălina; C., Gabor, Camelia; D., Patroi, D.; B.G., Sbârcea, Beatrice Gabriela	Surface engineering of Ni-Al coatings through concentrated solar heat treatment	Applied Surface Science	506		10.1016/j.apsusc.2019.144185	2020				2-s2.0-85076219620	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076219620&doi=10.1016%2Fj.apsusc.2019.144185&partnerID=40&md5=05c417a915bf0a64473164bbc746e77e	SCOPUS
188	A., Forton, Andrei; S., Mangiafico, Salvatore; C., Sauzéat, Cédric; H., Di Benedetto, Herve; P., Marc, Paul	Properties of blends of fresh and RAP binders with rejuvenator: Experimental and estimated results	Construction and Building Materials	236		10.1016/j.conbuildmat.2019.117555	2020				2-s2.0-85074973236	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074973236&doi=10.1016%2Fj.conbuildmat.2019.117555&partnerID=40&md5=a05586c97d1db740d9f330ee8f47821a	SCOPUS
189	I., Kiss, Imre; A.M., Baci, Andrei Mihai; I., Bordeasu, Ilare; L.M., Micu, Lavinia Mădălina	Compressive strength of stripes and flakes of recycled polyethylene terephthalate (PET) added concrete	Materiale Plastice	57	1	10.37358/MP.20.1.5333	2020	244	252	9	2-s2.0-85085042871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085042871&doi=10.37358%2FMP.20.1.5333&partnerID=40&md5=59ca88d2ff23d4ca327924c79b4633df	SCOPUS

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190	D., Crăsnic, Daniela; V.L., Ordodi, Valentin Laurentiu; D.I., Hădăruță, Daniel Ioan; A., Todea, Anamaria; V., Păunescu, Virgil; S.M., Negru, Serban Mircea	Doxorubicin depuration in oncological wastewaters using an electrochemical method	Revista de Chimie	71	3	10.37358/RC.20.3. 7984	2020	161	165	5	2-s2.0-85085037232	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085037232&doi=10.37358%2FRC.20.3.7984&partnerID=40&md5=5a76471f5721fd7f8c0802485ed31bb	SCOPUS
191	D.V., Stan, Daniel Voicu	Considerations on the drying of the raw material and consequences on the quality of the injected products	Materiale Plastice	57	1	10.37358/MP.20.1. 5311	2020	46	56	11	2-s2.0-85085006907	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085006907&doi=10.37358%2FMP.20.1.5311&partnerID=40&md5=5cf5f58bec440dd9afe4f4e4cbdc026b	SCOPUS
192	A.M., Baci, Andrei Mihai; I., Kiss, Imre; I., Bordeasu, Ilare; L.M., Micu, Lavinia Mădălina	Compressive strength of woven and strand of recycled polyethylene terephthalate (PET) reinforced concrete	Materiale Plastice	57	1	10.37358/MP.20.1. 5335	2020	263	271	9	2-s2.0-85084997694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084997694&doi=10.37358%2FMP.20.1.5335&partnerID=40&md5=2f86d7720af32b42702fd1cb20788fc	SCOPUS
193	A., Iftode, Andrada; R., Racoviceanu, Roxana; R.M., Susan, Razvan M.; D.T., Marti, Daniela Teodora; I.A., Pinzaru, Iulia Andreea; R.L., Lazău, Radu Ioan; M., Sușan, Monica; A., Gheorghisor, Alexandra; C.M., Șoica, Codruța Marinela; C.M., Trandafirescu, Cristina Maria	Fluconazole-beta-cyclodextrin inclusion complexes. Preparation and characterization in solid state	Revista de Chimie	71	3	10.37358/RC.20.3. 8005	2020	325	334	10	2-s2.0-85084988487	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084988487&doi=10.37358%2FRC.20.3.8005&partnerID=40&md5=fd1e95849c7d1561a23354aeb9561729	SCOPUS
194	D.I., Stoia, Dan Ioan; L., Marșavina, Liviu; E., Linul, Emanoil	Mode I fracture toughness of polyamide and alumide samples obtained by selective laser sintering additive process	Polymers	12	3	10.3390/polym120 30640	2020				2-s2.0-85082728380	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082728380&doi=10.3390%2Fpolym12030640&partnerID=40&md5=483d65a7a71c0d8801e2110b2ae9161b	SCOPUS
195	C., Croitoru, Cătălin; M.A., Pop, Mihai Alin; T., Bedő, Tibor; M., Coșniță, Mihaela; I.C., Roată, Ionuț Claudiu; I., Hulka, Iosif	Physically crosslinked poly (vinyl alcohol)/kappa-carrageenan hydrogels: Structure and applications	Polymers	12	3	10.3390/polym120 30560	2020				2-s2.0-85082685507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082685507&doi=10.3390%2Fpolym12030560&partnerID=40&md5=3323ff31c5608700c71724c1d7229511	SCOPUS
196	A.M., Pană, Ana Maria; V.L., Ordodi, Valentin Laurentiu; G.I., Rusu, Gerlinde I.; V.D., Gherman, Vasile Daniel; G.N., Bandur, Geza Nicolae; L.M., Rusnac, Lucian Mircea; G.A., Dumitrel, Gabriela Alina	Biodegradation pattern of glycopolymer based on D-mannose oligomer and hydroxypropyl acrylate	Polymers	12	3	10.3390/polym120 30704	2020				2-s2.0-85082675596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082675596&doi=10.3390%2Fpolym12030704&partnerID=40&md5=8161d15e21ed44bd53c85ef264bf4503	SCOPUS

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197	A., Korodi, Adrian; R., Crișan, Ruben; A.A., Nicolae, Andrei Alexandru; I., Silea, Ioan	Industrial internet of things and fog computing to reduce energy consumption in drinking water facilities	Processes	8	3	10.3390/pr8030282	2020				2-s2.0-85081950552	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081950552&doi=10.3390%2Fpr8030282&partnerID=40&md5=b86a8d71f093abc0b8db82516e3347b9	SCOPUS
198	G., Paparaskeva, Georgia; M.M., Dinev, M. M.; T.C., Krasia-Christoforou, Theodora C.; R.P., Turcu, R. Paula; A.S., Porav, Alin Sebastian; F., Bălănean, Florica; V.M., Socoliuc, Vlad Mircea	White magnetic paper with zero remanence based on electrospun cellulose microfibrils doped with iron oxide nanoparticles	Nanomaterials	10	3	10.3390/nano10030517	2020				2-s2.0-85081633260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081633260&doi=10.3390%2Fnano10030517&partnerID=40&md5=e76825f2600eeb5a93f5bd7424cd6bb9	SCOPUS
199	R.D., Vasilu, Roxana Diana; S.D., Porojan, Sorin Daniel; M.I., Birdeanu, Mihaela Ionela; I.D., Utu, Ion Dragos; L., Sandu, Liliana	The effect of thermocycling and surface treatments on the surface roughness and microhardness of three heat-pressed ceramics systems	Crystals	10	3	10.3390/cryst10030160	2020				2-s2.0-85080985261	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080985261&doi=10.3390%2Fcryst10030160&partnerID=40&md5=3fa6f227b71acf49304ba8e65c28575	SCOPUS
200	P., Negrea, Petru; A.E., Gabor, Andreea E.; C.M., Davidescu, Corneliu Mircea; M., Ciopec, Mihaela; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai	Kinetics and thermodynamics modeling of Nd(III) removal from aqueous solution using modified Amberlite XAD7	Journal of Rare Earths	38	3	10.1016/j.jre.2019.04.023	2020	306	314	9	2-s2.0-85077917144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077917144&doi=10.1016%2Fj.jre.2019.04.023&partnerID=40&md5=c6de34b9f3159a970e03618038ca82d	SCOPUS
201	R.I., Negrea, Romeo Iosif	On the functional equation $f(x+y) = f(x) + f(y)$	Monatshefte für Mathematik	191	3	10.1007/s00605-019-01315-4	2020	635	637	3	2-s2.0-85069675014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069675014&doi=10.1007%2Fs00605-019-01315-4&partnerID=40&md5=0ff802b47815071ac4b85b5bf210d484	SCOPUS
202	I., Hulka, Iosif; I.D., Utu, Ion Dragos; V.A., Serban, Viorel Aurel; P., Negrea, Petru; F., Lukáč, František; T., Chraska, Tomas	Effect of Ti addition on microstructure and corrosion properties of laser clad Co-NiCrBSi(Ti) coatings	Applied Surface Science	504		10.1016/j.apsusc.2019.144349	2020				2-s2.0-85075501737	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075501737&doi=10.1016%2Fj.apsusc.2019.144349&partnerID=40&md5=740d9302f6b837883baef33429b0cde9	SCOPUS

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203	C., Croitoru, Cătălin; I.C., Roată, Ionuț Claudiu; A., Pascu, Alexandru; E.M., Stanciu, Elena Manuela; I., Hulka, Iosif; G., Stoian, George; N., Lupu, Nicoleta	Photocatalytic surfaces obtained through one-step thermal spraying of titanium	Applied Surface Science	504		10.1016/j.apsusc.2019.144173	2020				2-s2.0-85074288694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074288694&doi=10.1016%2Fj.apsusc.2019.144173&partnerID=40&md5=5744477c7f7e14ce5be000c354208008	SCOPUS
204	A., Stratan, Aurel; C.I., Zub, Ciprian Ionut; D., Dubină, Dan	Prequalification of a set of buckling restrained braces: Part I - experimental tests	Steel and Composite Structures	34	4	10.12989/scs.2020.34.4.547	2020	547	559	13	2-s2.0-85082824236	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082824236&doi=10.12989%2Fscs.2020.34.4.547&partnerID=40&md5=b7329c4f2fb5cd145eff87e7086a8067	SCOPUS
205	C.I., Zub, Ciprian Ionut; A., Stratan, Aurel; D., Dubină, Dan	Prequalification of a set of buckling restrained braces: Part II – numerical simulations	Steel and Composite Structures	34	4	10.12989/scs.2020.34.4.561	2020	561	580	20	2-s2.0-85082749682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082749682&doi=10.12989%2Fscs.2020.34.4.561&partnerID=40&md5=b1514c27f35d41e7d041a4fcd68a7aa7	SCOPUS
206	E., Linul, Emanoil; L., Marșavina, Liviu; C., Vălean, Cristina; R., Bănică, Radu	Static and dynamic mode I fracture toughness of rigid PUR foams under room and cryogenic temperatures	Engineering Fracture Mechanics	225		10.1016/j.engfracmech.2018.12.007	2020				2-s2.0-85058676708	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058676708&doi=10.1016%2Fj.engfracmech.2018.12.007&partnerID=40&md5=579f1b444f00de83786af672f0c25c39	SCOPUS
207	L., Marșavina, Liviu; D.I., Stoia, Dan Ioan	Flexural properties of selectively sintered polyamide and Alumide	Material Design and Processing Communications	2	1	10.1002/mdp2.112	2020				2-s2.0-85104993199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104993199&doi=10.1002%2Fmdp2.112&partnerID=40&md5=2757ead61b5f7717e5322bb58fa5ac69	SCOPUS
208	B.A., Militaru, Bogdan Adrian; R., Pode, Rodica; B.A., Lupa, Bogdan Adrian; F., Manea, Florica	Struvite precipitation from sewage sludge ash	Environmental Engineering and Management Journal	19	2		2020	303	310	8	2-s2.0-85087706097	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087706097&partnerID=40&md5=b53a1b5ba88566b5d618e4925fca75d	SCOPUS
209	A., Golban, Alin; L., Lupa, Lavinia; L., Cochei, Laura	Comparative studies regarding molybdate adsorption onto mgufe layered double hydroxides obtained from reagent and waste sludge	Environmental Engineering and Management Journal	19	2		2020	235	245	11	2-s2.0-85087345235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087345235&partnerID=40&md5=48c17a33c41560020098dc3f12e190fb	SCOPUS

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210	S.R.S., Cividino, Sirio Rossano Secondo; R., Hălbac-Cotoară-Zamfir, Rareș; L., Salvati, Luca	Revisiting the "City Life Cycle": Global urbanization and implications for regional development	Sustainability (Switzerland)	12	3	10.3390/su12031151	2020				2-s2.0-85081199022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081199022&doi=10.3390%2Fsu12031151&partnerID=40&md5=51651300dfc2c47211204820881cc0e3	SCOPUS
211	G., Egidio, Gianluca; R., Hălbac-Cotoară-Zamfir, Rareș; S.R.S., Cividino, Sirio Rossano Secondo; G., Quaranta, Giovanni; L., Salvati, Luca; A., Colantoni, A.	Rural in town: Traditional agriculture, population trends, and long-term urban expansion in metropolitan Rome	Land	9	2	10.3390/land9020053	2020				2-s2.0-85080871700	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080871700&doi=10.3390%2Fland9020053&partnerID=40&md5=47501e16f0be23518cc1be22970d3fa9	SCOPUS
212	B.I., Pascu, Bogdan Ioan; C., Ardean, Cristina; C.M., Davidescu, Corneliu Mircea; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; G.I., Rusu, Gerlinde I.	Modified chitosan for silver recovery-kinetics, thermodynamic, and equilibrium studies	Materials	13	3	10.3390/ma13030657	2020				2-s2.0-85079612728	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079612728&doi=10.3390%2Fma13030657&partnerID=40&md5=48a29872c1b75e342c3acfc5fa70793b	SCOPUS
213	R.E., Luca, Ruxandra Elena; A., Giuliani, Alessandra; A., Mănescu, Adrian; E.R., Heredea, Elena Rodica; B.F., Hoinoiu, Bogdan Florin; G.D., Constantin, George Dumitru; V.F., Duma, Virgil-Florin Florin; C.D., Todea, Carmen Darina	Osteogenic potential of bovine bone graft in combination with laser photobiomodulation: An ex vivo demonstrative study in wistar rats by cross-linked studies based on synchrotron microtomography and histology	International Journal of Molecular Sciences	21	3	10.3390/ijms21030778	2020				2-s2.0-85078687890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078687890&doi=10.3390%2Fijms21030778&partnerID=40&md5=4e949a79aedada147aa69711a4be7a44	SCOPUS
214	V.O., Buda, Valentina Oana; B., Baul, Bianca; M., Andor, Minodora; D.E., Man, Dana Emilia; A., Ledet, Adriana; G., Vlase, Gabriela; T., Vlase, T.; C.T., Danciu, Corina Tiulea; P.L., Matusz, Petru L.; F., Peter, Francisc	Solid state stability and kinetics of degradation for candesartan—Pure compound and pharmaceutical formulation	Pharmaceutics	12	2	10.3390/pharmaceutics12020086	2020				2-s2.0-85078443433	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078443433&doi=10.3390%2Fpharmaceutics12020086&partnerID=40&md5=98b2a0cc8c7b40113c631e4e5f1b6c28	SCOPUS
215	I., Stavi, Ilan; S.M., Siad, Si Mokrane; A.P., Kyriazopoulos, Apostolos P.; R., Hălbac-Cotoară-Zamfir, Rareș	Water runoff harvesting systems for restoration of degraded rangelands: A review of challenges and opportunities	Journal of Environmental Management	255		10.1016/j.jenvman.2019.109823	2020				2-s2.0-85075575743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075575743&doi=10.1016%2Fj.jenvman.2019.109823&partnerID=40&md5=f8c2820569a235e06ce805ef1957c50	SCOPUS

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216	C., Bușe, Constantin; D., O'Regan, Donal	Discrete integral conditions for weak trajectories and asymptotic stability for operators in Banach spaces	Bulletin des Sciences Mathematiques	158		10.1016/j.bulsci.2019.102805	2020				2-s2.0-85074772808	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074772808&doi=10.1016%2Fj.bulsci.2019.102805&partnerID=40&md5=8a346e02a7a8dc2e607d634b71061569	SCOPUS
217	C.A., Popa, Călin Adrian	Global μ -stability of neutral-type impulsive complex-valued BAM neural networks with leakage delay and unbounded time-varying delays	Neurocomputing	376		10.1016/j.neucom.2019.09.008	2020	73	94	22	2-s2.0-85073500924	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073500924&doi=10.1016%2Fj.neucom.2019.09.008&partnerID=40&md5=9b42d6fe0dc85a78ba7b736d89528ae2	SCOPUS
218	A., Pană, Adrian; A., Băloi, Alexandru; F., Molnar-Matei, Florin	New method for calculating the susceptances of a balancing capacitive compensator for a three-phase four-wire distribution network	International Journal of Electrical Power and Energy Systems	115		10.1016/j.ijepes.2019.105414	2020				2-s2.0-85069634495	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069634495&doi=10.1016%2Fj.ijepes.2019.105414&partnerID=40&md5=ec70a2d80a742df01a3072782a9ce460	SCOPUS
219	A.A., Voicu, Adrian Aristide; N.M., Duțeanu, Narcis Mihai; M., Voicu, Mirela; D.C., Vlad, Daliborca Cristina; V.C., Dumitrașcu, Victor Cristian	The rcdk and cluster R packages applied to drug candidate selection	Journal of Cheminformatics	12	1	10.1186/s13321-019-0405-0	2020				2-s2.0-85078220952	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078220952&doi=10.1186%2Fs13321-019-0405-0&partnerID=40&md5=1eaa02018dd8c6b6c28e66b7f79f11d5	SCOPUS
220	T.T., Fiedler, T. T.; K., Al-Sahlan, Kadhim; P.A., Linul, Petrică Andrei; E., Linul, Emanoil	Mechanical properties of A356 and ZA27 metallic syntactic foams at cryogenic temperature	Journal of Alloys and Compounds	813		10.1016/j.jallcom.2019.152181	2020				2-s2.0-85072039678	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072039678&doi=10.1016%2Fj.jallcom.2019.152181&partnerID=40&md5=871c6c2fb08e875e230526979cfdceff	SCOPUS
221	N.G., Hădăruță, Nicoleta Gabriela; R.N., Szakal, Raymond Nandy; C.A., Chirila, Cosmina Andrea; A.T., Lukinich-Gruia, Alexandra T.; V., Păunescu, Virgil; C.V., Muntean, Cornelia Veronica; G.I., Rusu, Gerlinde I.; G.S., Bujancă, Gabriel Stelian; D.I., Hădăruță, Daniel Ioan	Complexation of Danube common nase (<i>Chondrostoma nasus</i> L.) oil by β -cyclodextrin and 2-hydroxypropyl- β -cyclodextrin	Food Chemistry	303		10.1016/j.foodchem.2019.125419	2020				2-s2.0-85071305292	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071305292&doi=10.1016%2Fj.foodchem.2019.125419&partnerID=40&md5=2e622807003361a492014ff5d8eac3c	SCOPUS

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222	G., Kolmban-Antal, Gyorgy; V., Lasak, Vladko; R., Bogdan, Razvan; B., Groza, Bogdan	A secure and portable multi-sensor module for distributed air pollution monitoring	Sensors	20	2	10.3390/s20020403	2020				2-s2.0-85077897639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077897639&doi=10.3390%2Fs20020403&partnerID=40&md5=178d3fe2de58384f6e7b402fcebfa9d9e	SCOPUS
223	M., Ciopec, Mihaela; I., Hulka, Iosif; N.M., Duțeanu, Narcis Mihai; A., Negrea, Adina; O.A., Grad, Oana Alexandra; P., Negrea, Petru; V., Minzatu, Vasile; C., Ardean, Cristina	Arsenic removal from water using a new class of materials with adsorbent properties	International Journal of Environmental Impacts	3	1	10.2495/EI-V3-N1-56-68	2020	56	68	13	2-s2.0-85160663772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160663772&doi=10.2495%2FEI-V3-N1-56-68&partnerID=40&md5=7138a0fc483b47222ec1d26cc2a4c694	SCOPUS
224	G.N., Popa, Gabriel Nicolae; C.M., Diniș, Corina Maria	Complex electronic protection for low-voltage three-phase induction motors	WSEAS Transactions on Electronics	11		10.37394/232017.2.020.11.2	2020	11	17	7	2-s2.0-85147474135	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147474135&doi=10.37394%2F232017.2.020.11.2&partnerID=40&md5=c0e4f68e68f113151de184010803579a	SCOPUS
225	I., Kisilewicz, Ileana	EPHEMERAL URBAN MICROSTRUCTURES: THE FAIRS IN CĂLĂRAȘI; MICROSTRUCTURI URBANE EFEMERE: BĂLCIURILE DIN CĂLĂRAȘI	Historia Urbana	28			2020	145	169	25	2-s2.0-85125918067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125918067&partnerID=40&md5=45491cf7b7140cd8322bd1ac11d422a	SCOPUS
226	T.O., Gheorghiu, Teodor Octavian	FOOD FOR EVERYONE. THE EVOLUTION OF THE MODERN FOOD SUPPLY SYSTEM OF BUZĂU; MÂNCARE DIN BELȘUG. EVOLUȚIA SISTEMULUI MODERN DE APROVIZIONARE CU HRANĂ A BUZĂULUI	Historia Urbana	28			2020	125	144	20	2-s2.0-85125896924	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125896924&partnerID=40&md5=b5f6bffa82955bd3b4ae57732037950f	SCOPUS
227	O.R., Pop, Oana Raluca; M.A., Medeleanu, Mihai A.	Docking studies of porphyrin-based photosensitizers on rhombellanes	Croatica Chemica Acta	93	4	10.5562/CCA3789	2020				2-s2.0-85119606419	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119606419&doi=10.5562%2FCCA3789&partnerID=40&md5=6a84d29fcec5e4fa94df0115d28f05d7	SCOPUS
228	G., Pașcu, Gabriela; O.C., Țiganea, Oana Cristina	Bring anina to the surface: The intangible aspects of industrial heritage in anina between experiment and reality; Scoate anina la suprafață: Aspectul intangibil al patrimoniului industrial din anina între experiment și realitate	Transsylvania Nostra	2020	3		2020	36	47	12	2-s2.0-85107508006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107508006&partnerID=40&md5=6765b836a5a136be4c68893d322b39bc	SCOPUS

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229	E., Djuissi, Emerance; R., Bogdan, Razvan; A., Abdoulanziz, Abdillahi; N., Pop, Nicolina; F., Iacob, Felix; C., Argentin, Clément; M.D., Epee, Michel Douglas; O., Motapon, Ousmanou; V., Laporta, V.; J.Z., Mezei, János Z.	Electron driven reactive processes involving H+ 2 and HD+ molecular cations in the early universe	Romanian Astronomical Journal	30	2		2020	101	111	11	2-s2.0-85103664382	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103664382&partnerID=40&md5=d04e2cc7d7dc42be76ffcd5a0b0be41	SCOPUS
230	I.G., Boldea, Ion G.; L.N., Tutelea, Lucian Nicolae; N., Muntean, N.; A.M., Popa, Ana Moldovan; F., Blaabjerg, Frede	Robotics electric actuators: Recent progress in high torque density designs and their advanced motion control - A review	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	20	4		2020	337	355	19	2-s2.0-85103113534	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103113534&partnerID=40&md5=a4fb577f97e789d6a8950009f0180ad8	SCOPUS
231	I., Sarbu, Ioan; M., Mirza, Matei; E., Crasmareanu, Emanuel	Optimisation of district heating systems using heuristic methods: A review	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	20	4		2020	319	328	10	2-s2.0-85103077499	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103077499&partnerID=40&md5=25b8953e5862d56ab1f2e97ef2789657	SCOPUS
232	R.E., Precup, Radu Emil; Ș., Preitl, Ștefan; E.M., Petriu, Emil M.; C.A., Bojan-Dragos, Claudia Adina; A.I., Szedlak-Stinean, Alexandra Iulia; R.C., Roman, Raul Cristian; E.L., Hedrea, Elena Lorena	Model-based fuzzy control results for networked control systems	Reports in Mechanical Engineering	1	1	10.31181/rme200101010p	2020	10	25	16	2-s2.0-85099763139	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099763139&doi=10.31181%2Fme200101010p&partnerID=40&md5=fba7ec65483555817789470ff5e3d387	SCOPUS
233	R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian; T.A., Teban, Teodor Adrian; A., Albu, Adriana; E.M., Petriu, Emil M.; C.R., Pozna, Claudiu Radu	Model-Free Control of Finger Dynamics in Prosthetic Hand Myoelectric-based Control Systems	Studies in Informatics and Control	29	4	10.24846/V29I4Y202002	2020	399	410	12	2-s2.0-85098961022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098961022&doi=10.24846%2FV29I4Y202002&partnerID=40&md5=40686966d0e1314d0627840abb7d9ab8	SCOPUS
234	R.M., Cosoroaba, Raluca Mioara; L., Cirin, Liviu; A.Z., Farkas, Andrei Zoltan; V., Argeșanu, Veronica; I.C., Talpoș-Niculescu, Ioana Cristina; M.D., Anghel, Mirella Dorina; M., Romînu, Mihai; M.L., Negrutiu, Meda Lavinia	The use of baropodometric analysis in musculoskeletal disorders of dentists working in orthostatic posture – a series of 3 cases	Medicine and Pharmacy Reports	93	4	10.15386/mp-1461	2020	365	373	9	2-s2.0-85098888524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098888524&doi=10.15386%2Fmp-1461&partnerID=40&md5=0b856c044f99c60e6f367a866ecae1d	SCOPUS
235	A., Kellenberger, Andrea; D.A., Duca, Delia Andrada; N., Vaszilcsin, N.; C.M., Craciunescu, Corneliu Marius	Electrochemical Evaluation of Niobium Corrosion Resistance in Simulated Anodic PEM Electrolyzer Environment	International Journal of Electrochemical Science	15	11	10.20964/2020.11.47	2020	10664	10673	10	2-s2.0-85097795328	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097795328&doi=10.20964%2F2020.11.47&partnerID=40&md5=d5e06f007378d544ed92234d5d0c1ffd	SCOPUS

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236	D., Dragăciuc, Davor; N., Jurčević Peček, Nevena; N., Lupa, Nicolae	Admissibility and general dichotomies for evolution families	Electronic Journal of Qualitative Theory of Differential Equations	2020	58	10.14232/ejqtde.2020.1.58	2020	1	19	19	2-s2.0-85097052452	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097052452&doi=10.14232%2Fejqtde.2020.1.58&partnerID=40&md5=f90da58e77b6a37bbbe4990bb801fac9	SCOPUS
237	M., Osaci, Mihaela; M., Cacciola, Matteo	Influence of the magnetic nanoparticle coating on the magnetic relaxation time	Beilstein Journal of Nanotechnology	11		10.3762/bjnano.11.105	2020	1207	1216	10	2-s2.0-85096930292	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096930292&doi=10.3762%2Fbjnano.11.105&partnerID=40&md5=3669df2dc6a0c12dd1a56bad652b0dbb	SCOPUS
238	A., Chirita-Emandi, Adela; C.L., Serban, Costela Lacrimioara; C., Paul, Corina; N.I., Andreescu, Nicoleta Ioana; I.P., Velea, Iulian Puiu; A., Mihailescu, Alexandra; V., Serafim, Vlad; D.A., Tiugan, Diana Andreea; P.C., Tuțac, Paul Calin; C.G., Zimbru, Cristian G.	Chdh-pnpla3 gene-gene interactions predict insulin resistance in children with obesity	Diabetes, Metabolic Syndrome and Obesity	13		10.2147/DMSO.S277268	2020	4483	4494	12	2-s2.0-85096325513	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096325513&doi=10.2147%2FDMSO.S277268&partnerID=40&md5=8c1aa83a4d01bd07731992bce2c976a2	SCOPUS
239	A., Draghici, A.	Changes and challenges of human systems management during and after the pandemic	Human Systems Management	39	4	10.3233/HSM-209001	2020	469	472	4	2-s2.0-85096225119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096225119&doi=10.3233%2FHSM-209001&partnerID=40&md5=e3c0c4e7100c1e1c34779bf51db16b2b	SCOPUS
240	A.S., Isfanuti, Andy Sorin; M.C., Paicu, Mihaela Codruta; G.D., Andreescu, Gheorghe Daniel; L.N., Tutelea, Lucian Nicolae; T., Staudt, Tiago; I.G., Boldea, Ion G.	V/f with Stabilizing Loops and MTPA versus Sensorless FOC for PMSM Drives	Electric Power Components and Systems	48	11	10.1080/15325008.2020.1836072	2020	1197	1210	14	2-s2.0-85096103022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096103022&doi=10.1080%2F15325008.2020.1836072&partnerID=40&md5=072889a9426a0a96b4e956a885f6329c	SCOPUS
241	N., Chieffo, Nicola; I., Onescu, Iasmina; A., Formisano, Antonio; M., Moșoarcă, Marius; M., Palade, Marius	Integrated empirical-mechanical seismic vulnerability analysis method for masonry buildings in timișoara: Validation based on the 2009 italian earthquake	Open Civil Engineering Journal	14	1	10.2174/1874149502014010314	2020	314	333	20	2-s2.0-85095735671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095735671&doi=10.2174%2F1874149502014010314&partnerID=40&md5=960b8ddfce118cfec76ccd750f907472	SCOPUS

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242	C.G., Watz, Claudia Geanina; C.A., Dehelean, Cristina Adriana; I.A., Pinzaru, Iulia Andreea; M., Mioc, Marius; V.M., Socoliuc, Vlad Mircea; A.E., Moacă, Alina Elena; Ș.F., Avram, Ștefana F.; R.M., Ghiulai, Roxana Maria; D.E., Coricovac, Dorina Elena; I.E., Pavel, Ioana Emilia	Thermosensitive betulinic acid-loaded magnetoliposomes: A promising antitumor potential for highly aggressive human breast adenocarcinoma cells under hyperthermic conditions	International Journal of Nanomedicine	15		10.2147/IJN.S269630	2020	8175	8200	26	2-s2.0-85093986618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093986618&doi=10.2147%2FIJN.S269630&partnerID=40&md5=71b25a9df2ea6b9a41aea5f439da163	SCOPUS
243	B., Arvinti, Beatrice; A., Isar, Alexandru; R., Stolz, Ronny; M., Costache, Marius	Removal of repetitive magnetic interferences upon unshielded fetal magnetocardiograms	Romanian Reports in Physics	72	3		2020	1	11	11	2-s2.0-85093893578	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093893578&partnerID=40&md5=c63116cad12a82fe63ec3c28939c56df	SCOPUS
244	M., Topor, Marcel; S.I., Deaconu, Sorin Ioan; G.N., Popa, Gabriel Nicolae; F., Bu, Feifei	Dual stator winding induction generator (DSWIG) used as base source in hybrid power systems when lost the power	WSEAS Transactions on Power Systems	15		10.37394/232016.2020.15.21	2020	172	179	8	2-s2.0-85093837111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093837111&doi=10.37394%2F232016.2020.15.21&partnerID=40&md5=15384c83e0e48e6d116072a0a93a39c5	SCOPUS
245	V.F., Drăgoi, Vlad Florin; P.L., Cayrel, Pierre Louis; B., Colombar, Brice; D., Bucerzan, Dominic; S.H., Hoară, Sorin Horațiu	Solving a modified syndrome decoding problem using integer programming	International Journal of Computers, Communications and Control	15	5	10.15837/ijccc.2020.5.3920	2020	1	9	9	2-s2.0-85091137975	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091137975&doi=10.15837%2FIjccc.2020.5.3920&partnerID=40&md5=cafd25ef3a1f07a8e1f80aef215b3d1d	SCOPUS
246	C.I., Bota, Constantin I.; B., Cărunțu, Bogdan; M.S., Pașca, Mădălina Sofia; D., Tucu, Dumitru; M., Lăpădat, Marioara; Y., Qi, Yi	Least Squares Differential Quadrature Method for the Generalized Bagley-Torvik Fractional Differential Equation	Mathematical Problems in Engineering	2020		10.1155/2020/4806387	2020				2-s2.0-85090931583	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090931583&doi=10.1155%2F2020%2F4806387&partnerID=40&md5=c60e0ef094ca9d859ed1b2975a4f4990	SCOPUS
247	V., Bogdan, Victor; C., Bonchiș, Cosmin; C., Orhei, Ciprian	Custom dilated edge detection filters	Journal of WSCG	2020	2020	10.24132/CSRN.2020.3001.19	2020	161	168	8	2-s2.0-85090541640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090541640&doi=10.24132%2FCSRN.2020.3001.19&partnerID=40&md5=4fee3a92c3bc841b16e75eb22cf5177e	SCOPUS
248	B., Arvinti, Beatrice; A., Isar, Alexandru; M., Costache, Marius	Effective wavelet algorithm for an automatic detection of atrial fibrillation	Advances in Electrical and Computer Engineering	20	3	10.4316/AECE.2020.03006	2020	49	56	8	2-s2.0-85090361684	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090361684&doi=10.4316%2FAECE.2020.03006&partnerID=40&md5=2a1fecbee86b70ec8df16ee151b9fcb	SCOPUS

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249	T.L., Dragomir, Toma Leonida; O., Ștefan, Octavian; S., Nanu, Sorin; A., Codrean, Alexandru	Discrete-time rule-based time optimal controller	Control Engineering and Applied Informatics	22	2		2020	67	78	12	2-s2.0-85088855881	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088855881&partnerID=40&md5=fa8bc33b01a47310fbcd7ff734082438	SCOPUS
250	I., Kiss, Imre	Multivariate statistical research in areas of the cast hyper-eutectoid steel roll manufacturing, in the melting and alloying processing stages	Acta Polytechnica Hungarica	17	6	10.12700/aph.17.6.2020.6.3	2020	41	59	19	2-s2.0-85087857527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087857527&doi=10.12700%2Faph.17.6.2020.6.3&partnerID=40&md5=9b2c3f69c18bc33358e1e5d3051d8811	SCOPUS
251	R.E., Precup, Radu Emil; E.I., Voişan, Emil Ioan; E.M., Petriu, Emil M.; M.L., Tomescu, Marius Lucian; R.C., David, Radu Codruț; A.I., Szedlak-Stinean, Alexandra Iulia; R.C., Roman, Raul Cristian	Grey wolf optimizer-based approaches to path planning and fuzzy logic-based tracking control for mobile robots	International Journal of Computers, Communications and Control	15	3	10.15837/IJCCC.2020.3.3844	2020				2-s2.0-85087067859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087067859&doi=10.15837%2FIJCCC.2020.3.3844&partnerID=40&md5=a03ae69dab2182dd096e040293af06ed	SCOPUS
252	I., Kiss, Imre; V., Alexa, Vasile	Study on the deformability characteristics of steels for seamless tubes and pipes destined for the petrochemical industry	Acta Polytechnica Hungarica	17	5	10.12700/APH.17.5.2020.5.5	2020	89	111	23	2-s2.0-85086883999	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086883999&doi=10.12700%2FAPH.17.5.2020.5.5&partnerID=40&md5=d64a6c32c91dce98921920c0250ef6e5	SCOPUS
253	M., Rada, Maria; D., Berceanu-Văduva, Delia; M.D., Velimirovici, Milan Daniel; S.R., Drăgan, Simona Ruxandra; B., Berceanu-Văduva, Bianca; M.M., Berceanu-Văduva, Marcel Mihai; A., Negrea, Adina; M., Danci, Marcel; D.E., Velimirovici, Dana Emilia	Mineral microelements in walnut oil and their role in the prevention of cardiovascular diseases	Revista de Chimie	71	5	10.37358/RC.20.5.8148	2020	380	389	10	2-s2.0-85086401242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086401242&doi=10.37358%2FRRC.20.5.8148&partnerID=40&md5=1beaae235915ce2113e62dfc704591d4	SCOPUS
254	D.H., Ursu, Daniel Horatiu; A., Dabici, Anamaria; M., Miclău, Marinela; N., Miclău, Nicolae	Low-temperature hydrothermal synthesis of hierarchical flower-like CuB2O4 superstructures	Processing and Application of Ceramics	14	2	10.2298/PAC2002113U	2020	113	118	6	2-s2.0-85086395789	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086395789&doi=10.2298%2FPAC2002113U&partnerID=40&md5=c3d00cf8c693eda3546a767efc1547	SCOPUS
255	I., Glevitzky, Ioana; G.A., Dumitrel, Gabriela Alina; M., Glevitzky, Mirel; S.G., Bungau, Simona Gabriela; M., Popa, Maria	Aspects concerning the management of groundwater in the farau area – alba county, Romania	Journal of Environmental Protection and Ecology	21	2		2020	443	453	11	2-s2.0-85086164574	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086164574&partnerID=40&md5=9448869281ad79020ceff6d28aac32fd7	SCOPUS

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256	M.R., Wächter, Mihail Reinhold; I.C., Ionel, Ioana C.; D., Dan, Daniel	Model setup for a waste incineration landfill disposal	Journal of Environmental Protection and Ecology	21	2		2020	596	603	8	2-s2.0-85086158117	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086158117&partnerID=40&md5=b2dd897b396e19f44ce59fe19757c523	SCOPUS
257	D., Sarb, Daniel; R., Bogdan, Razvan; N., Pop, Nicolina	Practical reliability assessment for internet of things by means of monte carlo simulation	Journal of Environmental Protection and Ecology	21	2		2020	507	517	11	2-s2.0-85086157707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086157707&partnerID=40&md5=8bf2ac6fdfla362b80f876178bf2fc78	SCOPUS
258	E., Grecu, Eugenia; I.H., Oncioiu, Ionica Holban; I.C., Ionel, Ioana C.; C.I., Ungureanu, C.I.	Potential assessment of using biomass for sustainable development. A case study for romania	Journal of Environmental Protection and Ecology	21	2		2020	544	550	7	2-s2.0-85086151604	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086151604&partnerID=40&md5=d1305fe4774e281975300e6bb8588fc5	SCOPUS
259	M., Osaci, Mihaela; C.D., Cunțan, Corina Daniela	Graphical programming environment for performing physical experiments	International Journal of Modern Education and Computer Science	12	1	10.5815/ijmecs.2020.01.02	2020	11	17	7	2-s2.0-85086038594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086038594&doi=10.5815%2Fijmecs.2020.01.02&partnerID=40&md5=a76b97595965f59bb041fa2b04e51724	SCOPUS
260	B.B., Vujić, Bogdana B.; V., Pode, Vasile; J., Mičić, Jelena; F.R., Popescu, Francisc R.; U.V., Marčeta, Una V.; A.E., Cioabla, Adrian Eugen	Preliminary assessment of particulate concentration near coal fired power plant	Studia Universitatis Babes-Bolyai Chemia	65	1	10.24193/subbchem.2020.1.23	2020	291	304	14	2-s2.0-85085523855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085523855&doi=10.24193%2Fsubbchem.2020.1.23&partnerID=40&md5=368f779c5800b2843a319c31ed99d045	SCOPUS
261	A.E., Cioabla, Adrian Eugen; M.G., Ivanovici, Mădălina Gabriela; G.A., Dumitrel, Gabriela Alina; L.V., Ordodi, Laurențiu Valentin; D.G., Călinoiu, Delia Gabriela; G., Trif-Tordai, Gavrilă; V., Pode, Vasile	Mathematical approach for pilot-scale experiment setup on biogas production	Studia Universitatis Babes-Bolyai Chemia	65	1	10.24193/subbchem.2020.1.19	2020	245	252	8	2-s2.0-85085492637	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085492637&doi=10.24193%2Fsubbchem.2020.1.19&partnerID=40&md5=fc4e65c58a56f4f02bb3c2a3ae68c983	SCOPUS
262	B.B., Vujić, Bogdana B.; N.Z., Stanisavljević, Nemanja Z.; F.R., Popescu, Francisc R.; N.Z., Tošić, Nikolina Ž.; U.V., Marčeta, Una V.; M., Pardanjac, Marjana; V., Pode, Vasile	Influence of landfill methane emissions on environment – Distribution modelling and assessment	Studia Universitatis Babes-Bolyai Chemia	65	1	10.24193/subbchem.2020.1.24	2020	305	319	15	2-s2.0-85085488992	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085488992&doi=10.24193%2Fsubbchem.2020.1.24&partnerID=40&md5=75a77d7731c304c8b83d4c75e798ff6d	SCOPUS

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263	V.L., Ordodi, Valentin Laurentiu; A.M., Pană, Ana Maria; G.A., Dumitrel, Gabriela Alina; D.L., Hădărugă, Daniel Ioan; A., Tămaș, Andra; V., Pode, Vasile; A., Todea, Anamaria; V., Păunescu, Virgil; S.M., Negru, Serban Mircea	An ecological treatment method for ifosfamide contaminated waste water resulting from oncological therapy	Studia Universitatis Babes-Bolyai Chemia	65	1	10.24193/subbchem.2020.1.21	2020	267	277	11	2-s2.0-85085485941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085485941&doi=10.24193%2Fsubbchem.2020.1.21&partnerID=40&md5=49b026bc87e46048afbe90b0f164efb1	SCOPUS
264	P., Borza, Paula; I.C., Benea, Ioana Cristina; I., Bîtcă, Ioan; A., Todea, Anamaria; S.G., Muntean, Simona Gabriela; F., Peter, Francisc	Enzymatic degradation of azo dyes using peroxidase immobilized onto commercial carriers with epoxy groups	Studia Universitatis Babes-Bolyai Chemia	65	1	10.24193/subbchem.2020.1.22	2020	279	290	12	2-s2.0-85085485269	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085485269&doi=10.24193%2Fsubbchem.2020.1.22&partnerID=40&md5=26b8aeb42489f650afca76767884721	SCOPUS
265	A., Borlea, Andreea; F., Borcan, Florin; I., Sporea, Ioan; C.A., Dehelean, Cristina Adriana; R.I., Negrea, Romeo Iosif; L., Cotoi, Laura; D.L., Stoian, Dana Liana	TI-RADS diagnostic performance: Which algorithm is superior and how elastography and 4D vascularity improve the malignancy risk assessment	Diagnostics	10	4	10.3390/diagnostics10040180	2020				2-s2.0-85082823468	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082823468&doi=10.3390%2Fdiagnostics10040180&partnerID=40&md5=af33e81389c93f936f8bd0f3653ce5b9	SCOPUS
266	E., Reisz, Erika; C.M., Davidescu, Corneliu Mircea; R., Ardelean, Radu; L.V., Costea, Liviu Virgil	Activation of mirsid volcanic tuff with NaOH solutions	Revista de Chimie	71	2	10.37358/RC.20.2.7916	2020	196	201	6	2-s2.0-85081355137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081355137&doi=10.37358%2FRC.20.2.7916&partnerID=40&md5=9676d57494af9dac6832cd9d24f386f	SCOPUS
267	D.E., Duță, Denisa E.; D.L., Comaniciu, David L.; A., Culetu, Alina; M., Negoită, Mioara; V., Ionescu, Valentin; H., Barzan, Harald; V.L., Ordodi, Valentin Laurentiu; G., Bărzan, Gabriela	New small scale equipment for obtaining dill and cumin essential oils	Revista de Chimie	71	2	10.37358/RC.20.2.7932	2020	324	329	6	2-s2.0-85081342735	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081342735&doi=10.37358%2FRC.20.2.7932&partnerID=40&md5=9433c36c4942f417da3b0ee00835365e	SCOPUS
268	A.T., Constantin, Albert Titus; G.I., Lazăr, Gheorghe I.; Ș.V., Nicoară, Șerban Vlad	Water quality monitoring sensors optimum location in a metropolitan supply network	Revista de Chimie	71	1	10.37358/RC.20.1.7853	2020	327	335	9	2-s2.0-85079240500	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079240500&doi=10.37358%2FRC.20.1.7853&partnerID=40&md5=550401bf8f0eb6477eb24b303c8fbac5	SCOPUS
269	L.I., Dungan, Luisa Izabel; A.E., Cioabla, Adrian Eugen; V., Pode, Vasile	Small scale determinations for biogas production using anaerobic fermentation - 2L batch scenarios	Revista de Chimie	71	1	10.37358/RC.20.1.7836	2020	223	227	5	2-s2.0-85079224149	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079224149&doi=10.37358%2FRC.20.1.7836&partnerID=40&md5=d03b5c5a6d7b4b878931cb22ddbc9d38	SCOPUS

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270	M., Frigura-Iliasa, Mihaela; F., Baloi, Felicia; F., Mihai Frigura-Iliasa, Flaviu; A., Simo, Attila; S., Mușuroi, Sorin; P., Andea, Petru	Health-related electromagnetic field assessment in the proximity of high voltage power equipment	Applied Sciences (Switzerland)	10	1	10.3390/app10010260	2020				2-s2.0-85078943052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078943052&doi=10.3390%2Fapp10010260&partnerID=40&md5=3e95a17bc1a607249e52a2b113ce9241	SCOPUS
271	D.M., Onchis, Darian M.; C.M., Istin, Codruta Mihaela; C., Tudoran, Cristina; M., Tudoran, Mariana; P.R., Real, Pedro Real	Timely-automatic procedure for estimating the endocardial limits of the left ventricle assessed echocardiographically in clinical practice	Diagnostics	10	1	10.3390/diagnostics10010040	2020				2-s2.0-85078398279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078398279&doi=10.3390%2Fdiagnostics10010040&partnerID=40&md5=26c8b0d0701be7b61a7deb5d79442524	SCOPUS
272	D., Cebucean, Dumitru; V., Cebucean, Viorica; I.C., Ionel, Ioana C.	Modeling and performance analysis of subcritical and supercritical coal-fired power plants with biomass co-firing and CO2 capture	Clean Technologies and Environmental Policy	22	1	10.1007/s10098-019-01774-1	2020	153	169	17	2-s2.0-85074695024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074695024&doi=10.1007%2Fs10098-019-01774-1&partnerID=40&md5=97c0f3f597ba1dd49809b85231c48a4a	SCOPUS
273	A.K., Tiwari, Aviral Kumar; A.O., Adewuyi, Adeolu Olusegun; C.T., Albulescu, Claudiu Tiberiu; M.E., Wohar, Mark E.	Empirical evidence of extreme dependence and contagion risk between main cryptocurrencies	North American Journal of Economics and Finance	51		10.1016/j.najef.2019.101083	2020				2-s2.0-85073150139	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073150139&doi=10.1016%2Fj.najef.2019.101083&partnerID=40&md5=445131350472566f00d500d6dbb3a87e	SCOPUS
274	M., Ciopec, Mihaela; A.E., Gabor, Andreea E.; C.M., Davidescu, Corneliu Mircea; A., Negrea, Adina; P., Negrea, Petru; N.M., Duțeanu, Narcis Mihai	Eu(III) removal by tetrabutylammonium di-hydrogen phosphate (TBAH2P) functionalized polymers	Arabian Journal of Chemistry	13	1	10.1016/j.arabjc.2018.12.005	2020	3534	3545	12	2-s2.0-85058978651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058978651&doi=10.1016%2Fj.arabjc.2018.12.005&partnerID=40&md5=4b7da5884f5c510a398d8626e0c46f6a	SCOPUS
275	Hemn Younesiraad; Mohammad Bemani; Ladislau Matekovits	Optimal Huygens' Metasurface for Wireless Power Transfer Efficiency Improvement	IEEE Access	8		10.1109/ACCESS.2020.3041337	2020	216409	216418	10		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9273051	IEEE
276	Mircea-Bogdan Radac; Timotei Lala	Robust Control of Unknown Observable Nonlinear Systems Solved as a Zero-Sum Game	IEEE Access	8		10.1109/ACCESS.2020.3040185	2020	214153	214165	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9268935	IEEE
277	Muhammad U. Afzal; Ladislau Matekovits; Karu P. Esselle; Ali Lalbakhsh	Beam-Scanning Antenna Based on Near-Electric Field Phase Transformation and Refraction of Electromagnetic Wave Through Dielectric Structures	IEEE Access	8		10.1109/ACCESS.2020.3033284	2020	199242	199253	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9237922	IEEE
278	Octavian Cornea; Dan Hulea; Nicolae Muntean; Gheorghe-Daniel Andreescu	Step-Down Switched-Inductor Hybrid DC-DC Converter for Small Power Wind Energy Conversion Systems With Hybrid Storage	IEEE Access	8		10.1109/ACCESS.2020.3012029	2020	136092	136107	16		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9149626	IEEE

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279	Bogdan Groza;Tudor Andreica;Adriana Berdich;Pal-Stefan Murvay;Eugen Horatiu Gurban	PRESTvO: PRivacy Enabled Smartphone Based Access to Vehicle On-Board Units	IEEE Access	8		10.1109/ACCESS.2020.3003574	2020	119105	119122	18		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9121223	IEEE
280	Pal-Stefan Murvay;Bogdan Groza	Efficient Physical Layer Key Agreement for FlexRay Networks	IEEE Transactions on Vehicular Technology	69	9	10.1109/TVT.2020.3002616	2020	9767	9780	14		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9117195	IEEE
281	Bogdan Groza;Lucian Popa;Pal-Stefan Murvay	Highly Efficient Authentication for CAN by Identifier Reallocation With Ordered CMACs	IEEE Transactions on Vehicular Technology	69	6	10.1109/TVT.2020.2990954	2020	6129	6140	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9079662	IEEE
282	Cosmin Ancuti;Codruta O. Ancuti;Christophe De Vleeschouwer;Alan C. Bovik	Day and Night-Time Dehazing by Local Airlight Estimation	IEEE Transactions on Image Processing	29		10.1109/TIP.2020.2988203	2020	6264	6275	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9076820	IEEE
283	Pal-Stefan Murvay;Bogdan Groza	TIDAL-CAN: Differential Timing Based Intrusion Detection and Localization for Controller Area Network	IEEE Access	8		10.1109/ACCESS.2020.2985326	2020	68895	68912	18		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9054971	IEEE
284	Radu-Emil Precup;Teodor-Adrian Teban;Adriana Albu;Alexandra-Bianca Borlea;Iuliu Alexandru Zamfirache;Emil M. Petriu	Evolving Fuzzy Models for Prosthetic Hand Myoelectric-Based Control	IEEE Transactions on Instrumentation and Measurement	69	7	10.1109/TIM.2020.2983531	2020	4625	4636	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9047868	IEEE
285	Andy-Sorin Isfanuti;Lucian Nicolae Tutelea;Ion Boldea;Tiago Staudt;Pyter Ely da Silva	Outer Ferrite-PM-Rotor BLAC Motor Characterization: FEM-Assisted Optimal Design and Preliminary Experiments	IEEE Transactions on Industry Applications	56	3	10.1109/TIA.2020.2979672	2020	2580	2589	10		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9028190	IEEE
286	Cristian Lascu;Gheorghe-Daniel Andreescu	PLL Position and Speed Observer With Integrated Current Observer for Sensorless PMSM Drives	IEEE Transactions on Industrial Electronics	67	7	10.1109/TIE.2020.2972434	2020	5990	5999	10		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8998581	IEEE
287	Bogdan Groza;Adriana Berdich;Camil Jichici;Rene Mayrhofer	Secure Accelerometer-Based Pairing of Mobile Devices in Multi-Modal Transport	IEEE Access	8		10.1109/ACCESS.2020.2964151	2020	9246	9259	14		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8950183	IEEE
288	Codruta O. Ancuti;Cosmin Ancuti;Christophe De Vleeschouwer;Mateu Sbert	Color Channel Compensation (3C): A Fundamental Pre-Processing Step for Image Enhancement	IEEE Transactions on Image Processing	29		10.1109/TIP.2019.2951304	2020	2653	2665	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8901447	IEEE
289	Cristian Lascu;Alin Argeseanu;Frede Blaabjerg	Supertwisting Sliding-Mode Direct Torque and Flux Control of Induction Machine Drives	IEEE Transactions on Power Electronics	35	5	10.1109/TPEL.2019.2944124	2020	5057	5065	9		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8850117	IEEE
290	Todorescu, Liliana-Luminita; Dragomir, Gabriel-Mugurel; Greculescu, Anca	Trends and Perspectives in Didactic Evaluation in Higher Education	REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA	13	4	http://dx.doi.org/10.18662/rrem/13.4/471	2021	60	90	31	WOS:000740057300005	View Full Record in Web of Science	ESCI
291	Alec, Sergiu; Draghici, George	THE PERSONALIZED PRODUCTS DESIGN USING KNOWLEDGE-BASED ENGINEERING	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	4		2021	559	562	4	WOS:000740057300001	View Full Record in Web of Science	ESCI
292	Bungardi, Bogdan; Izvercian, Monica; Chendes, Remus; Agache Garboni, Andreea	CRITICAL PATH METHOD AND LEAN DESIGN MANAGEMENT APPLIED IN DESIGN OF SOLAR ENERGY PROJECTS: A COMPARISON STUDY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	4		2021	627	636	10	WOS:000740057300008	View Full Record in Web of Science	ESCI
293	Draghici, Anca; Sticlaru, Carmen; Lovasz, Agneta	A NEW APPROACH FOR TRAINING 3D PRINTING IN THE UNIVERSITY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	4		2021	681	688	8	WOS:000740057300014	View Full Record in Web of Science	ESCI

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294	Sarfraz, Muddassar; Abdullah, Muhammad Ibrahim; Ifukhar, Ammara; Ivascu, Larisa; Ardelean, Mihai	EMPLOYEES AS A SECOND AUDIENCE: THE EFFECT OF EXTERNAL COMMUNICATION ON INTERNAL BRAND MANAGEMENT ON THE COMMERCIAL BANKS	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	4		2021	793	804	12	WOS:000740057300027	View Full Record in Web of Science	ESCI
295	Mirea, Nicoleta; Anghel-Drugarin, Cornelia-Victoria; Draghici, Anca	A STUDY OF USING GOOGLE CLASSROOM PLATFORM IN THE CASE OF A RURAL PRE-UNIVERSITY SMALL EDUCATION UNIT	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	4		2021	597	606	10	WOS:000731519800012	View Full Record in Web of Science	ESCI
296	Budiul Berghian, Adina; Lupu, Oana; Socalici, Ana; Birtok Baneasa, Corneliu	HARNESSING THE FERROUS SLUDGE RESULTING FROM STEEL INDUSTRY IN THE CONTEXT OF THE CIRCULAR ECONOMY	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	83	4		2021	241	250	10	WOS:000731356100020	View Full Record in Web of Science	ESCI
297	Moscovici, Anca Maria; Vilceanu, Clara Beatrice; Herban, Sorin; Grecea, Carmen	SOLAR CADASTRE IN TIMISOARA, ROMANIA	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	10			2021	272	277	6	WOS:000704605600037	View Full Record in Web of Science	ESCI
298	Dubina, Dan; Dinu, Florea; Stratan, Aurel	Resilience of dual steel-dual frame buildings in seismic areas	STEEL CONSTRUCTION-DESIGN AND RESEARCH	14	3	http://dx.doi.org/10.1002/stco.202100106	2021	150	166	17	WOS:000678658800001	View Full Record in Web of Science	ESCI
299	Kiss, Imre	Comparative Study on the In-Ladle Treatment Techniques for Nodulizing the Iron's Graphite	TEHNICKI GLASNIK-TECHNICAL JOURNAL	15	4	http://dx.doi.org/10.31803/tg-20210209111953	2021	504	509	6	WOS:000715115100009	View Full Record in Web of Science	ESCI
300	Cioca, Lucian-Ionel; Abdullah, Muhammad Ibrahim; Ivascu, Larisa; Sarfraz, Muddassar; Ozturk, Ilknur	EXPLORING THE ROLE OF CORPORATE SOCIAL RESPONSIBILITY IN CONSUMER PURCHASE INTENTION. A STUDY FROM THE AGRICULTURE SECTOR	INMATEH-AGRICULTURAL ENGINEERING	64	2	http://dx.doi.org/10.35633/inmateh-64-50	2021	507	515	9	WOS:000709094600049	View Full Record in Web of Science	ESCI
301	Glowinkel, Michael; Mocan, Marian; Kuelkens, Manfred	Survey of German farmers towards the impact of the Common Agricultural Policy on their businesses	BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE	27	4		2021	646	655	10	WOS:000707914900002	View Full Record in Web of Science	ESCI
302	Herbei, Mihai Valentin; Bertici, Radu; Badaluta-Minda, Codruta; Popescu, George; Sala, Florin	THE MANAGEMENT OF LAND USE CHANGES IN PERI-URBAN AREA OF TIMISOARA CITY USING GIS AND REMOTE SENSING TECHNOLOGIES	SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT	21	3		2021	421	430	10	WOS:000702305500048	View Full Record in Web of Science	ESCI
303	Valicsek, Vladislav-Silvestru; Badea, Valentin	(R,S)-2-{{[4-(4-Methylphenyl)-5-phenyl-4H-1,2,4-triazol-3-yl]thio}-1-phenyl-1-ethanol	MOLBANK	2021	3	http://dx.doi.org/10.3390/M1241	2021			7	WOS:000701839000001	View Full Record in Web of Science	ESCI
304	Vorga, Milenca Mariana; Badea, Valentin	(+/-)-2-{{[4-(4-Bromophenyl)-5-phenyl-4H-1,2,4-triazol-3-yl]sulfanyl}-1-phenyl-1-ethanol	MOLBANK	2021	3	http://dx.doi.org/10.3390/M1268	2021			6	WOS:000701801600001	View Full Record in Web of Science	ESCI
305	Albulescu, Claudiu T.; Mina, Michel; Oros, Cornel	Oil-US Stock Market Nexus: Some insights about the New Coronavirus Crisis	ECONOMICS BULLETIN	41	2		2021	588	593	7	WOS:000696954400033	View Full Record in Web of Science	ESCI
306	Teusdea, Dan Florin; Voda, Mircea; Alfonso Romero-Toledo, Fidel	Speed influence on the recycled high-density polyethylene/HDPE handles, tested with a specific adapted industrial method	UIS INGENIERIAS	20	4	http://dx.doi.org/10.18273/revuin.v20n4-2021015	2021	189	199	11	WOS:000697351600014	View Full Record in Web of Science	ESCI

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307	Birtok-Baneasa, Corneliu; Budiul-Berghian, Adina; Stoica, Diana-Monica; Dascal, Amalia-Ana; Gaianu, Oana	OPTIMIZING THE THERMAL MANAGEMENT OF INTERNAL COMBUSTION ENGINES BY IMPLEMENTING SPTI	INGINERIA AUTOMOBILULUI		60		2021	16	18	3	WOS:000692037400006	View Full Record in Web of Science	ESCI
308	Bucevchi, Robert; Socalici, Ana-Virginia; Budiul-Berghian, Adina; Birtok-Baneasa, Corneliu	EXPERIMENTAL DETERMINATION OF THE FILTRATION CAPACITY FOR CERAMIC FILTER ELEMENTS PROTOTYPES	INGINERIA AUTOMOBILULUI		60		2021	19	21	3	WOS:000692037400007	View Full Record in Web of Science	ESCI
309	Galatanu, Sergiu Valentin; Muntean, Sebastian; Marsavina, Liviu; Ailnei, Iulian Ionut; Micota, Dan	Rainwater propeller pumps structural integrity	INTERNATIONAL JOURNAL OF STRUCTURAL INTEGRITY	12	4	http://dx.doi.org/10.1108/IJSI-10-2018-0070	2021	645	665	21	WOS:000684254400010	View Full Record in Web of Science	ESCI
310	Draghici, Anca; Fistis, Gabriela; Carutasu, Nicoleta Luminita; Carutasu, George	Tailoring training programs for sustainability management based on the training needs assessment	HUMAN SYSTEMS MANAGEMENT	40	4	http://dx.doi.org/10.3233/HSM-201012	2021	549	566	18	WOS:000675527300006	View Full Record in Web of Science	ESCI
311	Chieffo, Nicola; Formisano, Antonio; Mochi, Giovanni; Mosoarca, Marius	Seismic Vulnerability Assessment and Simplified Empirical Formulation for Predicting the Vibration Periods of Structural Units in Aggregate Configuration	GEOSCIENCES	11	7	http://dx.doi.org/10.3390/geosciences11070287	2021			23	WOS:000676188500001	View Full Record in Web of Science	ESCI
312	Albulescu, Claudiu Tiberiu; Miclea, Serban	How does the national human capital index influence the total factor productivity of the Romanian R&D firms?	HUMAN SYSTEMS MANAGEMENT	40	4	http://dx.doi.org/10.3233/HSM-201033	2021	513	518	6	WOS:000675527300003	View Full Record in Web of Science	ESCI
313	Mihaila, Constanta-Valentina; Paraschiva, Gabriela Alina; Grigore, Vasilica; Mihaila, Laurentiu Mihai	School sports organizations as learning organizations: Good practice examples in two management issues	HUMAN SYSTEMS MANAGEMENT	40	4	http://dx.doi.org/10.3233/HSM-201071	2021	593	604	12	WOS:000675527300009	View Full Record in Web of Science	ESCI
314	Burca, Ion; Badea, Valentin; Deleanu, Calin; Bercean, Vasile-Nicolae	5-(8-Hydroxyquinolin-5-yl)diazenyl)-3-methyl-1H-pyrazole-4-carboxylic Acid	MOLBANK	2021	2	http://dx.doi.org/10.3390/M1238	2021			6	WOS:000665421000001	View Full Record in Web of Science	ESCI
315	Popescu, Traian Mihai; Popescu, Alina Madalina; Prostean, Gabriela	IoT Security Risk Management Strategy Reference Model (IoTSRM2)	FUTURE INTERNET	13	6	http://dx.doi.org/10.3390/fi13060148	2021			43	WOS:000666550100001	View Full Record in Web of Science	ESCI
316	Wurfer, Flavius-Gabriel; Badea, Valentin	(R,S)-2- {[4-(4-Methoxyphenyl)-5-phenyl-4H-1,2,4-triazol-3-yl] thio}-1-phenyl-1-ethanol	MOLBANK	2021	2	http://dx.doi.org/10.3390/M1231	2021			5	WOS:000665292400001	View Full Record in Web of Science	ESCI
317	Ratiu, Sorin Aurel; Catalinoiu, Romeo; Miklos, Imre Zsolt	SELF-ADAPTIVE MECHANICAL REDUCER WITH VARIABLE GEAR RATIO	INGINERIA AUTOMOBILULUI		59		2021	17	19	3	WOS:000660969100007	View Full Record in Web of Science	ESCI
318	Albulescu, Claudiu Tiberiu; Tamasila, Matei; Taucean, Ilie Mihai	The Nonlinear Relationship Between Firm Size and Growth in the Automotive Industry	JOURNAL OF INDUSTRY COMPETITION & TRADE	21	3	http://dx.doi.org/10.1007/s10842-021-00364-6	2021	445	463	19	WOS:000648032800001	View Full Record in Web of Science	ESCI
319	Constantin, Nicolae; Socalici, Ana Virginia; Buzduga, Radu; Mihaiu, Alina Cristina; Dobrescu, Cristian; Stanasila, Octavian Nicolae; Plopeanu, Elisa-Florina; Vlad, Elena Madalina	EXPERIMENTAL RESEARCH ON A SEMI-INDUSTRIAL PILOT SCALE FOR OBTAINING CARBOFER PELLETS IN ROTARY TUBULAR FURNACE	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	83	1		2021	155	164	10	WOS:000627764100014	View Full Record in Web of Science	ESCI
320	Lupu, Oana; Ardelean, Marius; Socalici, Ana; Ardelean, Erika	RESEARCH REGARDING THE CAPITALIZATION OF THE WASTE RESULTED FROM THE STEEL INDUSTRY	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	83	1		2021	187	196	10	WOS:000627764100017	View Full Record in Web of Science	ESCI
321	Cernicova-Buca, Mariana	Language Preferences in Romanian Communication Sciences Journals: A Web-Based Analysis	PUBLICATIONS	9	1	http://dx.doi.org/10.3390/publications9010011	2021			13	WOS:000633072900001	View Full Record in Web of Science	ESCI
322	Mazilescu, Crisanta-Alina; Auzoult-Chagnault, Laurent; Viscu, Loredana Ileana; Gangloff, Bernard	Student Perception of the Social Value of Responsible Management	SOCIETIES	11	1	http://dx.doi.org/10.3390/soc11010016	2021			17	WOS:000633056900001	View Full Record in Web of Science	ESCI

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323	Niemann, Joerg; Fussenecker, Claudia; Schloesser, Martin; Ocakci, Elif	THE WORKERS PERSPECTIVE - EYE TRACKING IN PRODUCTION ENVIRONMENTS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	7	14	8	WOS:000621232900001	View Full Record in Web of Science	ESCI
324	Neag, Paula Nicoleta; Fatol, Dana; Ocakci, Elif; Draghici, Anca	A STUDY ON SAFETY COSTS IMPACT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	15	22	8	WOS:000621232900002	View Full Record in Web of Science	ESCI
325	Pascu, Nicoleta-Elisabeta; Carutasu, Nicoleta Luminita; Adir, Victor; Carutasu, George	ERGONOMICS AND SIGNAGE SYSTEM	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	31	36	6	WOS:000621232900004	View Full Record in Web of Science	ESCI
326	Stef, Dorian	ERGONOMICS IN INDUSTRY 4.0	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	37	44	8	WOS:000621232900005	View Full Record in Web of Science	ESCI
327	Stef, Dorian; Mirea, Nicoleta	LIFELONG LEARNING IN CONTEXT OF INDUSTRY 4.0	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	55	62	8	WOS:000621232900007	View Full Record in Web of Science	ESCI
328	Firu, Adrian; Tapirdea, Alin; Chivu, Oana; Feier, Anamaria Ioana; Draghici, George	THE COMPETENCES REQUIRED BY THE NEW TECHNOLOGIES IN INDUSTRY 4.0 AND THE DEVELOPMENT OF EMPLOYEES' SKILLS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	109	116	8	WOS:000621232900013	View Full Record in Web of Science	ESCI
329	Feier, Anamaria Ioana; Banciu, Felicia Veronica	ERGONOMIC ASPECTS OF REAL AND VIRTUAL WELDING TOOLS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	117	126	10	WOS:000621232900014	View Full Record in Web of Science	ESCI
330	Ivascu, Larisa; Draghici, Anca; Gaureanu, Alin; Bere-Semerdi, Iudit	RETHINKING THE CONDITION OF ERGONOMICS FOR SUSTAINABLE DEVELOPMENT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	127	134	8	WOS:000621232900015	View Full Record in Web of Science	ESCI
331	Branea, Ana-Maria; Potra, Sabina Alina; Pugna, Adrian Pavel; Gaman, Marius	ASSESSING RELEVANT QUALITY ATTRIBUTES FOR DESIGNING AN ERGONOMIC DORM ROOM WITHIN THE ROMANIAN CONTEXT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	135	144	10	WOS:000621232900016	View Full Record in Web of Science	ESCI
332	Ivascu, Larisa; Ardelean, Ben-Oni; Sarfraz, Muddassar; Trocan, Ciprian	INTERPRETIVE STRUCTURAL MODELLING APPLICATION FOR EVALUATING ERGONOMICS FACTORS OF THE PUBLIC SECTOR	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	145	150	6	WOS:000621232900017	View Full Record in Web of Science	ESCI
333	Dufour, Corina; Pana, Ana-Maria; Dumitrel, Gabriela-Alina; Neag, Nicoleta Paula	OCCUPATIONAL HEALTH AND SAFETY IN HIGHER EDUCATION: CASE-STUDY FOR THE IMPLEMENTATION OF THE KNOWLEDGE-CREATING SPIRAL	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	151	156	6	WOS:000621232900018	View Full Record in Web of Science	ESCI

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334	Mihartescu, Ana-Andreea; Negrut, Mircea Liviu; Misca, Mihai	THE WORKSPACES AND THEIR INFLUENCE ON EMPLOYEE'S WORK PRODUCTIVITY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	165	170	6	WOS:000621232900020	View Full Record in Web of Science	ESCI
335	Diaconescu, Andra; Pascu, Dan; Prostean, Gabriela; Tamasila, Matei; Ivascu, Larisa	PERFORMANCE EVALUATION TO IMPROVE WORK CONDITIONS AND MAINTAIN WASTE MANAGEMENT INITIATIVES IN ORGANIZATION	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	191	200	10	WOS:000621232900023	View Full Record in Web of Science	ESCI
336	Szabo, Gyula; Balogh, Zoltan; Dovramadjiev, Tihomir; Draghici, Anca; Gajsek, Brigita; Lulic, Tanja Jurcevic; Reiner, Michael; Mrugalska, Beata; Zunjic, Aleksandar	INTRODUCING THE ERGONOMICS AND HUMAN FACTORS REGIONAL EDUCATIONAL CEEPUS NETWORK	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	201	212	12	WOS:000621232900024	View Full Record in Web of Science	ESCI
337	Atanasescu, Dana; Prostean, Gabriela; Diaconescu, Andra	A CONCEPTUAL MODEL TO IMPROVE FINANCING CAPACITY OF UNIVERSITIES - THE CASE OF ROMANIA	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	231	240	10	WOS:000621232900027	View Full Record in Web of Science	ESCI
338	Prostean, Gabriela; Hutanu, Andrei; Vasar, Cristian; Volker, Stephan	A DEVELOPMENT MODEL FOR RADIO-NAVIGATION SOFTWARE PROJECTS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	241	252	12	WOS:000621232900028	View Full Record in Web of Science	ESCI
339	Paven, Alina Camelia; Ion, Marian; Carutasu, George	DECISION SUPPORT SYSTEMS FOR BUILDINGS ENERGY EFFICIENCY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	253	260	8	WOS:000621232900029	View Full Record in Web of Science	ESCI
340	Paven, Alina Camelia; Stefan, Radu; Carutasu, George	ERGOWORK AND SUSTAINABLE WORKPLACES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	261	264	4	WOS:000621232900030	View Full Record in Web of Science	ESCI
341	Lup, Patricia Simona; Negrea, Romeo; Prostean, Gabriela	TESTING THE TRUST DIMENSIONS OF ROMANIAN CONSUMERS IN E-COMMERCE FOR ELECTRONIC AND HOUSEHOLD APPLIANCES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	64	1		2021	265	274	10	WOS:000621232900031	View Full Record in Web of Science	ESCI
342	Glowinkel, Michael; Mocan, Marian; Kulkens, Manfred	The Common Agricultural Policy promotes a US-like development of the European agriculture	BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE	27	1		2021	12	21	10	WOS:000621461300002	View Full Record in Web of Science	ESCI
343	Chereji, Emanuel; Radac, Mircea-Bogdan; Szedlak-Stinean, Alexandra-Iulia	Sliding Mode Control Algorithms for Anti-Lock Braking Systems with Performance Comparisons	ALGORITHMS	14	1	http://dx.doi.org/10.3390/a14010002	2021			17	WOS:000611001000001	View Full Record in Web of Science	ESCI
344	Toma, Claudiu	Aspects of Domestic Living in the Mass-Media Society	STUDIES IN HISTORY AND THEORY OF ARCHITECTURE- STUDII DE ISTORIA SI TEORIA ARHITECTURII	9			2021	199	208	10	WOS:000800902000012	View Full Record in Web of Science	AHCI

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345	P., Hididiș, Petru; M., Nicolaescu, Mircea; C., Codrean, Cosmin; D., Buzdugan, Dragoș; I.V., Simiti, Ioan Vida; V.A., Serban, Viorel Aurel	COMPARATIVE STUDY BETWEEN SOLID STATE WELDING AND RADIANT ENERGY WELDING PROCESSES FOR JOINING METALLIC GLASSY RIBBONS	Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology	32		10.35219/awet.2021.09	2021	71	76	6	2-s2.0-85123538690	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123538690&doi=10.35219%2Fawet.2021.09&partnerID=40&md5=0405dbb0718e1f41169104ec eb6a250e	SCOPUS
346	N., Chieffo, Nicola; M., Moșoarcă, Marius; A., Formisano, Antonio; P.B., Lourenço, Paulo B.; G., Milani, Gabriele	The effect of ground motion vertical component on the seismic response of historical masonry buildings: The case study of the Banloc Castle in Romania	Engineering Structures	249		10.1016/j.engstruct.2021.113346	2021				2-s2.0-85117605498	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117605498&doi=10.1016%2Fj.engstruct.2021.113346&partnerID=40&md5=b3eae33ce8c0495116ec4ce632223b2a	SCOPUS
347	T.V., Moga, Tudor Voicu; C., David, Ciprian; A., Popescu, Alina; R., Lupușoru, Raluca; D., Herede, Darius; A.M., Ghiuchici, Ana Maria; C.G., Foncea, Camelia Gianina; A., Burdan, Adrian; R.L.D., Sirlu, R. Lucia Denisa; M., Dănilă, Mirela	Multiparametric Ultrasound Approach Using a Tree-Based Decision Classifier for Inconclusive Focal Liver Lesions Evaluated by Contrast Enhanced Ultrasound	Journal of Personalized Medicine	11	12	10.3390/jpm11121388	2021				2-s2.0-85126792893	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126792893&doi=10.3390%2Fjpm11121388&partnerID=40&md5=2848290917f9d20b2b2a5547296942d3	SCOPUS
348	R., Hălbac-Cotoară-Zamfir, Rareș; C.S.S., Ferreira, Carla Sofia Santos; L., Salvati, Luca	Long-term urbanization dynamics and the evolution of green/blue areas in eastern europe: Insights from Romania	Sustainability (Switzerland)	13	24	10.3390/su132414068	2021				2-s2.0-85121646169	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121646169&doi=10.3390%2Fsu132414068&partnerID=40&md5=23ae99b6201464464dd3feb07ef076ae	SCOPUS
349	N., Chieffo, Nicola; M., Fasan, Marco; F., Romanelli, Fabio; A., Formisano, Antonio; G., Mochi, Giovanni	Physics-based ground motion simulations for the prediction of the seismic vulnerability of masonry building compounds in Mirandola (Italy)	Buildings	11	12	10.3390/buildings11120667	2021				2-s2.0-85121634889	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121634889&doi=10.3390%2Fbuildings11120667&partnerID=40&md5=c27ddb4335b6b5abb2a145858f7c73e4	SCOPUS
350	I., Stavi, Ilan; A.K., Paschalidou, Anastasia K.; A.P., Kyriazopoulos, Apostolos P.; R., Hălbac-Cotoară-Zamfir, Rareș; S.M., Siad, Si Mokrane; M., Suska-Malawska, Malgorzata; D.S., Savić, Dragiša S.; J., Roque de Pinho, Joana; L., Thalheimer, Lisa; D.S., Williams, David Samuel	Multidimensional food security nexus in drylands under the slow onset effects of climate change	Land	10	12	10.3390/land10121350	2021				2-s2.0-85121612808	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121612808&doi=10.3390%2Fland10121350&partnerID=40&md5=2a7bfff53c81dd6c7a3bfc6ec1bba791	SCOPUS

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351	A., Popa, Adriana; A., Visa, Aurelia; B.E., Mărănescu, Bianca Elena; I., Hulka, Iosif; L., Lupa, Lavinia	Chemical modification of chitosan for removal of Pb(II) ions from aqueous solutions	Materials	14	24	10.3390/ma14247894	2021				2-s2.0-85121560783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121560783&doi=10.3390%2Fma14247894&partnerID=40&md5=7061db4f6bddf5d8846324ee55d5	SCOPUS
352	V., Groza, Vlad; M., Udrescu, Mihai; A., Bozdog, Alexandru; L., Udrescu, Lucreția	Drug repurposing using modularity clustering in drug-drug similarity networks based on drug–gene interactions	Pharmaceutics	13	12	10.3390/pharmaceutics13122117	2021				2-s2.0-85121421332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121421332&doi=10.3390%2Fpharmaceutics13122117&partnerID=40&md5=5f15f8126e36632d131a3cdf08941115	SCOPUS
353	G., Cristescu, Gabriela; V.F., Drăgoi, Vlad Florin; S.H., Hoară, Sorin Horațiu	Generalized convexity properties and shape-based approximation in networks reliability	Mathematics	9	24	10.3390/math9243182	2021				2-s2.0-85121295824	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121295824&doi=10.3390%2Fmath9243182&partnerID=40&md5=a24ce3f3352082bd1d354b453801	SCOPUS
354	D., Popov, Dušan	GENERALIZED KLAUDER-PERELOMOV COHERENT STATES IN THE FRAME OF DIAGONAL OPERATORS ORDERING TECHNIQUE	Reports on Mathematical Physics	88	3	10.1016/S0034-4877(21)00086-0	2021	361	382	22	2-s2.0-85121279634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121279634&doi=10.1016%2FS0034-4877%2821%2900086-0&partnerID=40&md5=40db28179cb8401f9cb0b382e3cf65c2	SCOPUS
355	S.N., Țolea, Samuel Nick; L., Cochechi, Laura; L., Lupa, Lavinia; R., Voda, Raluca; R., Pode, Rodica	Development of new efficient adsorbent by functionalization of mg3al-ldh with methyltrialkyl ammonium chloride ionic liquid	Molecules	26	23	10.3390/molecules26237384	2021				2-s2.0-85121130050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121130050&doi=10.3390%2Fmolecules26237384&partnerID=40&md5=fb4bcde90b54b3471b27f296284b356	SCOPUS
356	M., Hurmuz, Mihai; M.E., Ionac, Mihai Edmond; C.S., Tatu, Carmen Sofica; D.A., Pușcașiu, Daniela Anca; C.A., Miu, Catalin Adrian; S.V., Galațanu, Sergiu Valentin; F.R., Tatu, Fabian R.	A 3D bioprinted human meniscus shape enriched with mesenchymal cells	Applied Sciences (Switzerland)	11	24	10.3390/app112411733	2021				2-s2.0-85121007542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121007542&doi=10.3390%2Fapp112411733&partnerID=40&md5=b2f50632502e1a88567031331e3f1	SCOPUS

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357	N., Herisanu, Nicolae; V., Marinca, Vasile	Analytical study of nonlinear vibration in a rub-impact jeffcott rotor	Energies	14	24	10.3390/en14248298	2021				2-s2.0-85120995761	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120995761&doi=10.3390%2Fen14248298&partnerID=40&md5=866ab6f7ce9e65ed8aa62ec3bbcb0b4c	SCOPUS
358	S., Popa, S.; A., Tămaș, Andra; V., Simulescu, Vasile; D., Jurcău, Dorin; S., Boran, Sorina; G.E., Moșoarcă, Giannin Emanuel	A novel approach of bioesters synthesis through different technologies by highlighting the lowest energetic consumption one	Polymers	13	23	10.3390/polym13234190	2021				2-s2.0-85120674076	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120674076&doi=10.3390%2Fpolym13234190&partnerID=40&md5=a8cc8514296b6c6bc837eb56f318c16	SCOPUS
359	D.E., Mocuța, Daliana Emanuela; M.I., Mirón, Mariana Ioana; E., Hoge, Elena; C.V., Muntean, Cornelia Veronica; C.D., Todea, Carmen Darinca	Dental-plaque decontamination around dental brackets using antimicrobial photodynamic therapy: An in vitro study	International Journal of Environmental Research and Public Health	18	23	10.3390/ijerph182312847	2021				2-s2.0-85120632647	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120632647&doi=10.3390%2Fijerph182312847&partnerID=40&md5=37c11f3c4490022d3a10d1d3c46cb3f	SCOPUS
360	W.S., de Carvalho, W. S.; M.C., Vioreanu, Maura C.; M.R.A., Lutz, Maxime R.A.; G.P., Cipriano, Gonçalo P.; S.T., Amancio-Filho, S. T.	The influence of tool wear on the mechanical performance of AA6061-T6 refill friction stir spot welds	Materials	14	23	10.3390/ma14237252	2021				2-s2.0-85120347472	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120347472&doi=10.3390%2Fma14237252&partnerID=40&md5=d8b2df44006c715cb230d2aab16dadcl	SCOPUS
361	M.E., Ionescu, Marian Emanuel; N., Castell-Balaguer, Nuria; O., Boncalo, Oana; P., Schneider, Philipp; M., Darie, Marius; M.G., Marcu, Marius George	Calibration of CO, NO2, and O3 using airify: A low-cost sensor cluster for air quality monitoring	Sensors	21	23	10.3390/s21237977	2021				2-s2.0-85120074695	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120074695&doi=10.3390%2Fs21237977&partnerID=40&md5=e02922d91a0ff947896a9f98a92fb1d1	SCOPUS
362	B., Cărintu, Bogdan	Approximate analytical solutions for systems of fractional nonlinear integro-differential equations using the polynomial least squares method	Fractal and Fractional	5	4	10.3390/fractalfrac5040198	2021				2-s2.0-85119133611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119133611&doi=10.3390%2Ffractalfrac5040198&partnerID=40&md5=8be2c39ea6940d93ac04a8a0edc21789	SCOPUS
363	F., Mir, Farzad; L., Matekovits, Ladislau; A.I., De Sabata, Aldo I.	Symmetry-breaking manipulation in the design of multifunctional tunable frequency selective surface	AEU - International Journal of Electronics and Communications	142		10.1016/j.aeue.2021.154003	2021				2-s2.0-85117931967	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117931967&doi=10.1016%2Fj.aeue.2021.154003&partnerID=40&md5=32c4025d9bcb455ef49bada6b1c3c3ed	SCOPUS

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364	I.I., Ailinei, Iulian Ionut; S.V., Galațanu, Sergiu Valentin; L., Marșavina, Liviu	The effects of layers orientation on impact energy evaluation of FDM printed specimens	Material Design and Processing Communications	3	6	10.1002/mdp2.267	2021				2-s2.0-85117049746	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117049746&doi=10.1002%2Fmdp2.267&partnerID=40&md5=64134e8c94834a603cc4da74986421cb	SCOPUS
365	A., Căpraru, Aylin; A.E., Moacă, Alina Elena; C., Păcurariu, Cornelia; R., Ianoș, Robert; R.I., Lazău, Radu Ioan; L., Barbu-Tudoran, Lucian	Development and characterization of magnetic iron oxide nanoparticles using microwave for the combustion reaction ignition, as possible candidates for biomedical applications	Powder Technology	394		10.1016/j.powtec.2021.08.093	2021	1026	1038	13	2-s2.0-85115320512	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115320512&doi=10.1016%2Fj.powtec.2021.08.093&partnerID=40&md5=492a471a8548831e8250c1527138eb61	SCOPUS
366	M., Kotelko, Maria; J., Grudziecki, Jan; V., Ungureanu, Viorel; D., Dubină, Dan	Ultimate and post-ultimate behaviour of thin-walled cold-formed steel open-section members under eccentric compression. Part I: Collapse mechanisms database (theoretical study)	Thin-Walled Structures	169		10.1016/j.tws.2021.108366	2021				2-s2.0-85115004586	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115004586&doi=10.1016%2Fj.tws.2021.108366&partnerID=40&md5=d1f0d3a7b2e03c1df25133078a50fa32	SCOPUS
367	N., Movahedi, Nima; E., Linul, Emanoil	Radial crushing response of ex-situ foam-filled tubes at elevated temperatures	Composite Structures	277		10.1016/j.compstruct.2021.114634	2021				2-s2.0-85114812661	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114812661&doi=10.1016%2Fj.compstruct.2021.114634&partnerID=40&md5=4f5fde26bb0a50c9d412d2a70d4f51fe	SCOPUS
368	M.A., Ouamri, Mohamed Amine; A., Mohamed, Azni; M.E., Oteșteanu, Marius Emil	Coverage Analysis in Two-tier 5G Hetnet Based on Stochastic Geometry with Interference Coordination Strategy	Wireless Personal Communications	121	4	10.1007/s11277-021-08870-w	2021	3213	3222	10	2-s2.0-85113175807	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113175807&doi=10.1007%2Fs11277-021-08870-w&partnerID=40&md5=c2fa500d9006d0c479f4c8b6183e2313	SCOPUS
369	R., Bănică, Radu; T.O., Bogdan, Țăranu Ovidiu; C., Ladasiu, Calin; I., Hulka, Iosif; P.A., Linul, Petrică Andrei	Three-dimensional porous electrode based on silver nanowires for hydrogen sulfide detection	Materials Letters	304		10.1016/j.matlet.2021.130720	2021				2-s2.0-85113166100	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113166100&doi=10.1016%2Fj.matlet.2021.130720&partnerID=40&md5=762569bea7fda7f4b21b65a56eb8351e	SCOPUS

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370	D., Micota, Dan; A., Isaincu, Alexandru; L., Marșavina, Liviu	Experimental testing of two short-fiber reinforced composites: PPA-GF33 and PPS-GF40	Material Design and Processing Communications	3	6	10.1002/mdp2.264	2021				2-s2.0-85112346362	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112346362&doi=10.1002%2Fmdp2.264&partnerID=40&md5=2efe06f24699282c7c01b04810e55239	SCOPUS
371	A., Topirceanu, Alexandru; R.E., Precup, Radu Emil	A novel geo-hierarchical population mobility model for spatial spreading of resurgent epidemics	Scientific Reports	11	1	10.1038/s41598-021-93810-8	2021				2-s2.0-85110521905	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110521905&doi=10.1038%2Fsd41598-021-93810-8&partnerID=40&md5=8527ee4f11066ef7c348c416e8b72d55	SCOPUS
372	L., Marșavina, Liviu; D.I., Stoia, Dan Ioan; E., Linul, Emanoil	Fracture toughness in additive manufacturing by selective laser sintering: an overview	Material Design and Processing Communications	3	6	10.1002/mdp2.254	2021				2-s2.0-85107027796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107027796&doi=10.1002%2Fmdp2.254&partnerID=40&md5=5557bb41a757687c2655d8968618ea82	SCOPUS
373	S., Popa, S.; M.E., Radulescu-Grad, Maria Elena; A., Perdivara, Alina; G.E., Moșoarcă, Giannin Emanuel	Aspects regarding colour fastness and adsorption studies of a new azo-stilbene dye for acrylic resins	Scientific Reports	11	1	10.1038/s41598-021-85452-7	2021				2-s2.0-85102572553	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102572553&doi=10.1038%2Fsd41598-021-85452-7&partnerID=40&md5=0d65fd005382f49153f832e4b3fcd4e1	SCOPUS
374	O.A., Grad, Oana Alexandra; M., Ciopec, Mihaela; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; G., Vlase, Gabriela; P., Negrea, Petru; C., Dumitrescu, Camelia; T., Vlase, T.; R., Voda, Raluca	Precious metals recovery from aqueous solutions using a new adsorbent material	Scientific Reports	11	1	10.1038/s41598-021-81680-z	2021				2-s2.0-85099743793	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099743793&doi=10.1038%2Fsd41598-021-81680-z&partnerID=40&md5=ed0b385a6aac7fbf382816eeef128014	SCOPUS
375	S., Murvay, Stefan; L., Popa, Lucian; B., Groza, Bogdan	Securing the controller area network with covert voltage channels	International Journal of Information Security	20	6	10.1007/s10207-020-00532-5	2021	817	831	15	2-s2.0-85099594541	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099594541&doi=10.1007%2Fsd41598-020-00532-5&partnerID=40&md5=f1e7c0b3400f41f6049ee68f43f5381e	SCOPUS

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376	S.U., Haque, Sufia Ul; N.M., Duțeanu, Narcis Mihai; S., Ciocan, Stefania; A., Nasar, Abu; I., Siddique, Inamuddin	A review: Evolution of enzymatic biofuel cells	Journal of Environmental Management	298		10.1016/j.jenvman.2021.113483	2021				2-s2.0-85112310731	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112310731&doi=10.1016%2Fj.jenvman.2021.113483&partnerID=40&md5=b99e29af252970444731c0a3f263a7ef	SCOPUS
377	A., Topirceanu, Alexandru	Electoral forecasting using a novel temporal attenuation model: Predicting the US presidential elections	Expert Systems with Applications	182		10.1016/j.eswa.2021.115289	2021				2-s2.0-85107680014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107680014&doi=10.1016%2Fj.eswa.2021.115289&partnerID=40&md5=247ebd1d577e7832d05b09a4bb98852c	SCOPUS
378	B., Bolborea, Bogdan; B., Cornelia, Baeră; S., Dan, Sorin; A., Gruin, Aurelian; D.D., Burduhos-Nergis, Dumitru Doru; V., Vasile, Vasilica	Concrete compressive strength by means of ultrasonic pulse velocity and moduli of elasticity	Materials	14	22	10.3390/ma14227018	2021				2-s2.0-85119720387	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119720387&doi=10.3390%2Fma14227018&partnerID=40&md5=f1d4b30fd7a522a0896ccc22540f83	SCOPUS
379	M., Nicolaescu, Mircea; C.E., Bandas Ratiu, C. Elena; C., Orha, Corina; V.A., Serban, Viorel Aurel; C., Lăzău, Carmen; S., Căprărescu, Simona	Fabrication of a uv photodetector based on n-tio2 /p-cummo2 heterostructures	Coatings	11	11	10.3390/coatings11111380	2021				2-s2.0-85119687517	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119687517&doi=10.3390%2Fcoatings11111380&partnerID=40&md5=7986ce5e2c167391ee513ba4d7009dc7	SCOPUS
380	D., Bordeasu, Dorin; O., Proștean, Octavian; C., Hatiegan, C.	Contributions to modeling, simulation and controlling of a pumping system powered by a wind energy conversion system	Energies	14	22	10.3390/en14227696	2021				2-s2.0-85119681924	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119681924&doi=10.3390%2Fen14227696&partnerID=40&md5=c56c376dee1d26acb8f46d8cc48eaa8d	SCOPUS
381	O.B., Kazakova, Oxana B.; R., Racoviceanu, Roxana; A.V., Kerimova, Anastasiya Valer'evna; M., Mioc, Marius; A., Militaru, Adrian; L., Udrescu, Lucreția; M., Udrescu, Mihai; A.A., Voicu, Adrian Aristide; J.E., Cummings, Jason E.; G.T., Robertson, Gregory Thomas	New investigations with lupane type a-ring azepane triterpenoids for antimycobacterial drug candidate design	International Journal of Molecular Sciences	22	22	10.3390/ijms22212542	2021				2-s2.0-85119430190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119430190&doi=10.3390%2Fijms22212542&partnerID=40&md5=8901c1d1f083078fe9fa4b7d0f26dad6	SCOPUS

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382	A., Ioana, Alexandru; A., Korodi, Adrian	Dds and ope ua protocol coexistence solution in real-time and industry 4.0 context using non-ideal infrastructure	Sensors	21	22	10.3390/s21227760	2021				2-s2.0-85119335254	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119335254&doi=10.3390%2Fs21227760&partnerID=40&md5=d9ce6f26d2d4a7efe62e680d3f843e17	SCOPUS
383	C., Orhei, Ciprian; V., Bogdan, Victor; C., Bonchiș, Cosmin; R., Vasiu, Radu	Dilated filters for edge-detection algorithms	Applied Sciences (Switzerland)	11	22	10.3390/app112210716	2021				2-s2.0-85119259232	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119259232&doi=10.3390%2Fapp112210716&partnerID=40&md5=258aa6da75550960b151ea0d74391527	SCOPUS
384	B.I., Sighencea, Bogdan Ilie; R.R., Stanciu, Rares Rareș; C.D., Căleanu, Cătălin Daniel	A review of deep learning-based methods for pedestrian trajectory prediction	Sensors	21	22	10.3390/s21227543	2021				2-s2.0-85118844662	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118844662&doi=10.3390%2Fs21227543&partnerID=40&md5=0c21081ee86d9540b28b446d39dc8b7f	SCOPUS
385	B., Arvinti, Beatrice; E.R., Iacob, Emil Radu; A., Isar, Alexandru; D., Iacob, Daniela; M., Costache, Marius	Automated medical care: Bradycardia detection and cardiac monitoring of preterm infants	Medicina (Lithuania)	57	11	10.3390/medicina57111199	2021				2-s2.0-85118651071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118651071&doi=10.3390%2Fmedicina57111199&partnerID=40&md5=5c26eb7e8893bea2332c348a2d262bd9	SCOPUS
386	M.B., Radac, Mircea Bogdan; T., Lala, Timotei	Hierarchical cognitive control for unknown dynamic systems tracking	Mathematics	9	21	10.3390/math9212752	2021				2-s2.0-85118562572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118562572&doi=10.3390%2Fmath9212752&partnerID=40&md5=1a8a57e7e9482b41c3cda2862de241	SCOPUS
387	L., Ivascu, Larisa; D., Frank Ahimaz, David; B.V., Arulanandam, Benedict Valentine; O.G., Tirian, Ovidiu Gelu	The perception and degree of adoption by urbanites towards urban farming	Sustainability (Switzerland)	13	21	10.3390/su132112151	2021				2-s2.0-85118551175	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118551175&doi=10.3390%2Fsu132112151&partnerID=40&md5=e5948896e6556f12f37e633372b9df30	SCOPUS
388	D.K., Rajak, Dipen Kumar; P.H., Wagh, Pratiksha Hiralal; E., Linul, Emanoil	Manufacturing technologies of carbon/glass fiber-reinforced polymer composites and their properties: A review	Polymers	13	21	10.3390/polym13213721	2021				2-s2.0-85118481722	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118481722&doi=10.3390%2Fpolym13213721&partnerID=40&md5=de3c2b8ecc41a7c2b5ae12182bd0b15	SCOPUS

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389	D., Toader, Dumitru; M., Vințan, Maria; C., Solea, Claudiu; D., Vesa, Daniela; M., Greconici, Marian	Analysis of the possibilities of selective detection of a single line-to-ground fault in a medium voltage network with isolated neutral	Energies	14	21	10.3390/en14217019	2021				2-s2.0-85118385108	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118385108&doi=10.3390%2Fen14217019&partnerID=40&md5=c8c8f99fd7d3b40420eca6fd1b3eb883	SCOPUS
390	A.L., Belc, Anda Ligia; A.L., Ciutina, Adrian Liviu; R., Buzatu, Raluca; F., Belc, Florin; C., Costescu, Ciprian	Environmental impact assessment of different warm mix asphalts	Sustainability (Switzerland)	13	21	10.3390/su132111869	2021				2-s2.0-85118169964	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118169964&doi=10.3390%2Fsu132111869&partnerID=40&md5=9b05c0297657c524a5a4b424d38c020f	SCOPUS
391	R., Druță, Romina; C.F., Druta, Cristian Filip; P.O., Negirla, Paul Onut; I., Silea, Ioan	A review on methods and systems for remote collaboration	Applied Sciences (Switzerland)	11	21	10.3390/app112110035	2021				2-s2.0-85118136394	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118136394&doi=10.3390%2Fapp112110035&partnerID=40&md5=eac08a2373fb0f84ecc2b775543a9f5e	SCOPUS
392	B., Căruntu, Bogdan; M.S., Pașca, Mădălina Sofia	Approximate solutions for a class of nonlinear fredholm and volterra integro-differential equations using the polynomial least squares method	Mathematics	9	21	10.3390/math9212692	2021				2-s2.0-85117809741	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117809741&doi=10.3390%2Fmath9212692&partnerID=40&md5=197eb65d519952e1eba93a0b280727f	SCOPUS
393	A., Mihailescu, Alexandra; V., Serafim, Vlad; C., Paul, Corina; N.I., Andreescu, Nicoleta Ioana; D.A., Tiugan, Diana Andreea; P.C., Tuțac, Paul Calin; I.P., Velea, Iulian Puiu; C.G., Zimbru, Cristian G.; C.L., Serban, Costela Lacrimioara; A.I., Ion, Adina Iuliana	Docosahexaenoic acid and eicosapentaenoic acid intakes modulate the association of fads2 gene polymorphism rs526126 with plasma free docosahexaenoic acid levels in overweight children	Applied Sciences (Switzerland)	11	21	10.3390/app11219845	2021				2-s2.0-85117800007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117800007&doi=10.3390%2Fapp11219845&partnerID=40&md5=9440c87cc49bfa9c153a6d259fc143cc	SCOPUS
394	S., Vert, Silviu; D., Andone, Diana; A., Ternauciuc, Andrei; V., Mihaescu, Vlad; O.A., Rotaru, Oana Alexandra; M., Mocofan, Muguras; C., Orhei, Ciprian; R., Vasii, Radu	User evaluation of a multi-platform digital storytelling concept for cultural heritage	Mathematics	9	21	10.3390/math9212678	2021				2-s2.0-85117753902	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117753902&doi=10.3390%2Fmath9212678&partnerID=40&md5=f8c39bf539c701aa9d462c702c752219	SCOPUS
395	S., Motoc, Sorina; B., Schinteie, Bianca; A., Pop, Aniela; S.C., Negrea, Sorina Claudia; C., Cretu, Carmen; E.I., Szerb, Elisabeta Ildyko; F., Manea, Florica	Graphene quantum dots and Cu(I) liquid crystal for advanced electrochemical detection of doxorubicine in aqueous solutions	Nanomaterials	11	11	10.3390/nano11112788	2021				2-s2.0-85117598250	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117598250&doi=10.3390%2Fnano11112788&partnerID=40&md5=0cc1386728bcbe5783c2618c0c11bbc	SCOPUS

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396	A.E., Segneanu, A. E.; C.N., Marin, C. N.; I.O.F., Ghirlea, Ioan Ovidiu Florin; C.V.I., Feier, Catalin Vladut Ionut; C.V., Muntean, Cornelia Veronica; I., Grozescu, Ioan	Artemisia annua growing wild in romania—a metabolite profile approach to target a drug delivery system based on magnetite nanoparticles	Plants	10	11	10.3390/plants10112245	2021				2-s2.0-85117374287	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117374287&doi=10.3390%2Fplants10112245&partnerID=40&md5=442b9467d2d706af5a95e1d44943ddc5	SCOPUS
397	R., Brighenti, Roberto; M.P., Cosma, Mattia Pancrazio; L., Marşavina, Liviu; A., Spagnoli, Andrea; M., Terzano, Michele	Multiphysics modelling of the mechanical properties in polymers obtained via photo-induced polymerization	International Journal of Advanced Manufacturing Technology	117		10.1007/s00170-021-07273-2	2021	481	499	19	2-s2.0-85111548248	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111548248&doi=10.1007%2Fs00170-021-07273-2&partnerID=40&md5=68f26881b97ee5a82819145dd58237e1	SCOPUS
398	C., Lăzău, Carmen; M., Poienar, Maria; C., Orha, Corina; D.H., Ursu, Daniel Horatiu; M., Nicolaescu, Mircea; M., Vajda, Melinda; C.E., Bandas Ratiu, C. Elena	Development of a new “n-p” heterojunction based on TiO2 and CuMnO2 synergy materials	Materials Chemistry and Physics	272		10.1016/j.matchemphys.2021.124999	2021				2-s2.0-85109548783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109548783&doi=10.1016%2Fj.matchemphys.2021.124999&partnerID=40&md5=e1e37f6c0a52a917e99d6259ff24d235	SCOPUS
399	I., Sarbu, Ioan	Optimization of Urban Water Distribution Networks Using Deterministic and Heuristic Techniques: Comprehensive Review	Journal of Pipeline Systems Engineering and Practice	12	4	10.1061/(ASCE)PS.1949-1204.0000575	2021				2-s2.0-85108504152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108504152&doi=10.1061%2F%28ASCE%29PS.1949-1204.0000575&partnerID=40&md5=b54d017648e40563fc9a90ca517258cc	SCOPUS
400	M., Mohsin, Muhammad; S., Naseem, Sobia; M., Sarfraz, Muddassar; L., Ivascu, Larisa; G.I., Albasher, Gadah Ibraheem	COVID-19 and Greenhouse Gas Emission Mitigation: Modeling the Impact on Environmental Sustainability and Policies	Frontiers in Environmental Science	9		10.3389/fenvs.2021.764294	2021				2-s2.0-85118803288	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118803288&doi=10.3389%2Ffenvs.2021.764294&partnerID=40&md5=d1c4256502f654384b4993eb4f738f11	SCOPUS
401	M., Aamir, Muhammad; M., Sarfraz, Muddassar; K.F., Khawaja, Kausar Fiaz; H., Usman, Habiba; Z., Hu, Zhihua	Signifying the Effect of Relational and Experiential Cognitive Styles on Entrepreneurial Behavior: A Mediated Moderated Model	Frontiers in Psychology	12		10.3389/fpsyg.2021.762403	2021				2-s2.0-85118270346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118270346&doi=10.3389%2Fpsyg.2021.762403&partnerID=40&md5=afb5396f52aca0bfad9fcb136b49f278	SCOPUS

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402	D.F., Nica, Diana Florina; A.G., Gabor, Alin Gabriel; V.F., Duma, Virgil-Florin Florin; V.G., Tudericu, Vlad George; A., Tudor, Anca; C., Sinescu, Cosmin	Sinus lift and implant insertion on 3d-printed polymeric maxillary models: Ex vivo training for in vivo surgical procedures	Journal of Clinical Medicine	10	20	10.3390/jcm10204718	2021				2-s2.0-85117059156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117059156&doi=10.3390%2Fjcm10204718&partnerID=40&md5=81da70525f40868f3a778b910ea8202	SCOPUS
403	M.S., Bhutta, Muhammad Shoaib; M., Sarfraz, Muddassar; L., Ivascu, Larisa; H., Li, Hui; G., Rasool, Ghulam; Z.U.A., Jaffri, Zain Ul Abidin; U., Farooq, Umer; J.A., Shaikh, Jamshed Ali; M.S., Nazir, Muhammad Shahzad	Voltage stability index using new single-port equivalent based on component peculiarity and sensitivity persistence	Processes	9	10	10.3390/pr9101849	2021				2-s2.0-85118236440	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118236440&doi=10.3390%2Fpr9101849&partnerID=40&md5=43313c247c9b151ca200856295f42f39	SCOPUS
404	C., Ardean, Cristina; C.M., Davidescu, Corneliu Mircea; N.S., Nemes, Nicoleta Sorina; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihael; P., Negrea, Petru; D.M., Duda-Seiman, Daniel Marius; D., Muntean, Delia	Antimicrobial activities of chitosan derivatives	Pharmaceutics	13	10	10.3390/pharmaceutics13101639	2021				2-s2.0-85117314316	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117314316&doi=10.3390%2Fpharmaceutics13101639&partnerID=40&md5=b8c6c12465ef1b3ca8ec4fb5fe494	SCOPUS
405	A., Anistoroaei, Alfred; A.M., Berdich, Adriana Maria; P., Iosif, Patricia; B., Groza, Bogdan	Secure audio-visual data exchange for android in-vehicle ecosystems	Applied Sciences (Switzerland)	11	19	10.3390/app11199276	2021				2-s2.0-85116898266	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116898266&doi=10.3390%2Fapp11199276&partnerID=40&md5=e9d25a58f177c41d59678196f8bd8739	SCOPUS
406	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; S., Boran, Sorina	Bathurst burr (<i>Xanthium spinosum</i>) powder—a new natural effective adsorbent for crystal violet dye removal from synthetic wastewaters	Materials	14	19	10.3390/ma14195861	2021				2-s2.0-85116877776	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116877776&doi=10.3390%2Fma14195861&partnerID=40&md5=29f40b0647e4368602e092f91d736291	SCOPUS
407	M.A., Nistor, Maria Andreea; S.G., Muntean, Simona Gabriela; R., Ianoș, Robert; R., Racoviceanu, Roxana; C., Ianăși, Cătălin; L., Cseh, Liliana	Adsorption of anionic dyes from wastewater onto magnetic nanocomposite powders synthesized by combustion method	Applied Sciences (Switzerland)	11	19	10.3390/app11199236	2021				2-s2.0-85116509881	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116509881&doi=10.3390%2Fapp11199236&partnerID=40&md5=4717e90dd021c31d13d8e2989a549c0b	SCOPUS

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408	T.M., Popescu, Traian Mihai; A.M., Popescu, Alina Mădălina; G.I., Proștean, Gabriela Ioana	Leaders' perspectives on IoT security risk management strategies in surveyed organizations relative to IoTsm2	Applied Sciences (Switzerland)	11	19	10.3390/app11199206	2021				2-s2.0-85116273852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116273852&doi=10.3390%2Fapp11199206&partnerID=40&md5=9aad2e3c33528acb9e40f03dc045d3a3	SCOPUS
409	G.E., Moșoarcă, Giannin Emanuel; S., Popa, S.; C., Vancea, Cosmin; S., Boran, Sorina	Optimization, equilibrium and kinetic modeling of methylene blue removal from aqueous solutions using dry bean pods husks powder	Materials	14	19	10.3390/ma14195673	2021				2-s2.0-85116102471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116102471&doi=10.3390%2Fma14195673&partnerID=40&md5=b77f7c79b413dc34e2d3b6d715ee445	SCOPUS
410	M., Ciopec, Mihaela; O.A., Grad, Oana Alexandra; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; C., Paul, Cristina; C., Ianași, Cătălin; G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin	A new perspective on adsorbent materials based impregnated MgSiO ₃ with crown ethers for palladium recovery	International Journal of Molecular Sciences	22	19	10.3390/ijms221910718	2021				2-s2.0-85116088190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116088190&doi=10.3390%2Fijms221910718&partnerID=40&md5=60012e02533d107bf2b60e0bdeccde5	SCOPUS
411	C., Voloșencu, Constantin	A comparative analysis of some methods for wind turbine maximum power point tracking	Mathematics	9	19	10.3390/math9192399	2021				2-s2.0-85115926490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115926490&doi=10.3390%2Fmath9192399&partnerID=40&md5=1b43bd57b9a541372f1bc4660127c75d	SCOPUS
412	I., Hulka, Iosif; I.D., Utu, Ion Dragos; D.N., Avram, Diana Nicoleta; M.L., Dan, Mircea Laurențiu; A., Pascu, Alexandru; E.M., Stanciu, Elena Manuela; I.C., Roată, Ionuț Claudiu	Influence of the laser cladding parameters on the morphology, wear and corrosion resistance of WC-Co/niCrBSi composite coatings	Materials	14	19	10.3390/ma14195583	2021				2-s2.0-85115853236	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115853236&doi=10.3390%2Fma14195583&partnerID=40&md5=3c0ffa29a27a0a3d7817f3bbc839997	SCOPUS
413	C.E., Stoian, Claudia Elena; S., Șimon, Simona; V., Gherheș, Vasile	A comparative analysis of the use of the concept of sustainability in the Romanian top universities' strategic plans	Sustainability (Switzerland)	13	19	10.3390/su131910642	2021				2-s2.0-85115769148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115769148&doi=10.3390%2Fsu131910642&partnerID=40&md5=fc5aca1e4757dac1e099370aa2d394eb	SCOPUS
414	I., Both, Ioan; D., Duma, Diana; F., Dinu, Florea; D., Dubină, Dan; R., Zaharia, Raul	The influence of loading rate on the ultimate capacity of bolted T-stubs at ambient and high temperature	Fire Safety Journal	125		10.1016/j.firesaf.2021.103438	2021				2-s2.0-85114766020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114766020&doi=10.1016%2Fj.firesaf.2021.103438&partnerID=40&md5=6e5db2533cee8177742972600267f8e9	SCOPUS

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415	F., Mir, Farzad; L., Kouhalvandi, Lida; L., Matekovits, Ladislau; E.O., Gunes, Ece Olcay	Automated optimization for broadband flat-gain antenna designs with artificial neural network	IET Microwaves, Antennas and Propagation	15	12	10.1049/mia2.12137	2021	1537	1544	8	2-s2.0-85112077903	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112077903&doi=10.1049%2Fmia2.12137&partnerID=40&md5=7ba1b4e1b6d6d0168cbc0e07c1a8a188	SCOPUS
416	E., Torabi, Ehsan; S., Ghoul, S.; L., Marşavina, Liviu; M.R., Ayatollahi, Majid R.	Mixed mode fracture behavior of short-particle engineered wood	Theoretical and Applied Fracture Mechanics	115		10.1016/j.tafmec.2021.103054	2021				2-s2.0-85111844616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111844616&doi=10.1016%2Fj.tafmec.2021.103054&partnerID=40&md5=82e7ea3306216c01cda0909259d595aa	SCOPUS
417	E., Linul, Emanoil; D., Pietras, Daniel; T., Sadowski, Tomasz; L., Marşavina, Liviu; D.K., Rajak, Dipen Kumar; J., Kováčik, Jaroslav	Crashworthiness performance of lightweight Composite Metallic Foams at high temperatures	Composites Part A: Applied Science and Manufacturing	149		10.1016/j.compositesa.2021.106516	2021				2-s2.0-85108086298	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108086298&doi=10.1016%2Fj.compositesa.2021.106516&partnerID=40&md5=456c3d3c2191af0b339d7e51fd9e5183	SCOPUS
418	S., Ambruş, Sebastian; R., Muntean, Roxana; N., Kazamer, Norbert; C., Codrean, Cosmin	Post-processing technologies of copper–polylactic acid composites obtained by 3D printing fused deposition modeling	Material Design and Processing Communications	3	5	10.1002/mdp2.251	2021				2-s2.0-85106722971	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106722971&doi=10.1002%2Fmdp2.251&partnerID=40&md5=00e5915e5bc9525da31c1ed718124db7	SCOPUS
419	V., Todea, Viorel; D., Dan, Daniel; S.C., Florut, Sorin Codrut; V.A., Stoian, Valeriu Augustin	Experimental investigations on the seismic behavior of composite steel concrete coupled shear walls with central openings	Structures	33		10.1016/j.istruc.2021.04.074	2021	878	896	19	2-s2.0-85105756322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105756322&doi=10.1016%2Fj.istruc.2021.04.074&partnerID=40&md5=827ddee2b4626e728984769d82dfe90	SCOPUS
420	A., Isvoran, Adriana; D.L., Roman, Diana Larisa; D., Dascălu, Daniela; B.A., Vlad-Oros, Beatrice A.; A.A., Ciorsac, Alecu Aurel; L.D., Pitulice, Laura D.; R., Jonović, Radojka; Z.O., Stevanović, Zoran O.; V., Ostafe, Vasile	Human Health Effects of Heavy Metal Pollution in the Cross-Border Area of Romania and Serbia: A Review	Ecological Chemistry and Engineering S	28	3	10.2478/eces-2021-0025	2021	365	388	24	2-s2.0-85117933088	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117933088&doi=10.2478%2Feces-2021-0025&partnerID=40&md5=f7051f811b5180d955bd440b521d580	SCOPUS

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421	R., Zaharia, Raul; I., Both, Ioan; D., Duma, Diana; D., Dubină, Dan	Fire protection assessment for the steel beams of a road bridge	Proceedings of the Institution of Civil Engineers: Structures and Buildings	174	9	10.1680/jstbu.20.0082	2021	765	772	8	2-s2.0-85116466420	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116466420&doi=10.1680%2Fjstbu.20.0082&partnerID=40&md5=7f1811a4d52f7f0c0574aad70f148dba	SCOPUS
422	B., Căruntu, Bogdan; M.S., Pașca, Mădălina Sofia	Article the polynomial least squares method for nonlinear fractional volterra and fredholm integro-differential equations	Mathematics	9	18	10.3390/math9182324	2021				2-s2.0-85115289886	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115289886&doi=10.3390%2Fmath9182324&partnerID=40&md5=4387aafec9e9e05a0723edb50a33bcacf	SCOPUS
423	D.C., Finger, David Christian; C.L., Drăghici, Camelia L.; D., Perniu, Dana; M.M., Smederevac-Lalić, Marija M.; R., Hălbac-Cotoară-Zamfir, Rareș; A., Sehic, Azra; M.B., Kapović-Solomun, Marijana B.	The importance of international collaboration to enhance education for environmental citizenship	Sustainability (Switzerland)	13	18	10.3390/su131810326	2021				2-s2.0-85115169797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115169797&doi=10.3390%2Fsu131810326&partnerID=40&md5=341ff853499f1a0ed483a1ddca39271a	SCOPUS
424	A., Negrea, Adina; S., Ronka, Sylwia; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; M., Mihăilescu, Maria	Kinetics, thermodynamics and equilibrium studies for gold recovery from diluted waste solution	Materials	14	18	10.3390/ma14185325	2021				2-s2.0-85115164802	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115164802&doi=10.3390%2Fma14185325&partnerID=40&md5=531b770935dec86ae3a03cf87b006ac8	SCOPUS
425	A., Mehedintu, Anca; G., Soava, Georgeta; M., Sterpu, Mihaela; E., Grecu, Eugenia	Evolution and forecasting of the renewable energy consumption in the frame of sustainable development: EU vs. Romania	Sustainability (Switzerland)	13	18	10.3390/su131810327	2021				2-s2.0-85115149450	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115149450&doi=10.3390%2Fsu131810327&partnerID=40&md5=20118ec68db2389fcd9c912a02e16b7	SCOPUS
426	O.A., Iordănescu, Olimpia Alina; M., Băla, Maria; A.C., Iuga, Alina Carmen; D.P., Gligor, Dina Pane; I., Dascalu, Ionut; G.S., Bujancă, Gabriel Stelian; I., David, Ioan; N.G., Hădărugă, Nicoleta Gabriela; D.I., Hădărugă, Daniel Ioan	Antioxidant activity and discrimination of organic apples (Malus domestica borkh.) cultivated in the western region of romania: A dpph ·kinetics-pca approach	Plants	10	9	10.3390/plants10091957	2021				2-s2.0-85115087854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115087854&doi=10.3390%2Fplants10091957&partnerID=40&md5=51aefb7de90a43183ce23657d64bea00	SCOPUS
427	V.F., Duma, Virgil-Florin Florin; A.L., Dimb, Alexandru Lucian	Exact scan patterns of rotational risley prisms obtained with a graphical method: Multi-parameter analysis and design	Applied Sciences (Switzerland)	11	18	10.3390/app11188451	2021				2-s2.0-85114945682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114945682&doi=10.3390%2Fapp11188451&partnerID=40&md5=39ed5b97eeceb18fa8583b6e59ade58b	SCOPUS

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428	A.K., Sharma, Arun Kumar; R., Bhandari, Rakesh; C., Sharma, Chaitanya; S., Dhakad, Shrikrishna; C., Pinca-Bretotean, Camelia	A study on effects of reinforcement materials in aluminum-based metal matrix composites	International Journal of Engineering Trends and Technology	69	9	10.14445/22315381/IJETT-V69I9P203	2021	24	28	5	2-s2.0-85114743087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114743087&doi=10.14445%2F22315381%2FIJETT-V69I9P203&partnerID=40&md5=8310c8d6cc1f2e61372493c96c064068	SCOPUS
429	G.M., Dragomir, Gabriel Mugurel; M.A., Fărcașiu, Marcela Alina; S., Șimon, Simona	Students' perceptions of verbal and non-verbal communication behaviors during and after the covid-19 pandemic	Applied Sciences (Switzerland)	11	18	10.3390/app11188282	2021				2-s2.0-85114661097	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114661097&doi=10.3390%2Fapp11188282&partnerID=40&md5=726579276f154eb3f8ec6fd7d4150c21	SCOPUS
430	O., Chirca, Otilia; C.F., Bicleșanu, Cornelia Florentina; A., Florescu, Anamaria; D.I., Stoia, Dan Ioan; A.M., Pangica, Anna Maria; A., Burcea, Alexandru; M.L., Vasilescu, Marius Lucian; I.V., Antoniac, Iulian Vasile	Adhesive-ceramic interface behavior in dental restorations. Fem study and sem investigation	Materials	14	17	10.3390/ma14175048	2021				2-s2.0-85114474808	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114474808&doi=10.3390%2Fma14175048&partnerID=40&md5=770c3b3d70a4393938aac8f4be1d8593	SCOPUS
431	D.A., Duca, Delia Andrada; M.L., Dan, Mircea Laurențiu; N., Vaszilesin, N.	Recycling of expired ceftamil drug as additive in the copper and nickel electrodeposition from acid baths	International Journal of Environmental Research and Public Health	18	18	10.3390/ijerph18189476	2021				2-s2.0-85114433877	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114433877&doi=10.3390%2Fijerph18189476&partnerID=40&md5=780e3f2505450541b8ae675275fce0c9	SCOPUS
432	D., Toader, Dumitru; M., Greconici, Marian; D., Vesa, Daniela; M., Vințan, Maria; C., Solea, Claudiu; A., Maghet, Adrian; I., Tatai, Ildiko	The influence of the characteristics of the medium voltage network on the single line-to-ground fault current in the resistor grounded neutral networks	Designs	5	3	10.3390/designs5030053	2021				2-s2.0-85112732941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112732941&doi=10.3390%2Fdesigns5030053&partnerID=40&md5=3ab20c216bdb20553aa491445086693e	SCOPUS
433	E., Linul, Emanoil; O., Khezzadeh, Omid	Axial crashworthiness performance of foam-based composite structures under extreme temperature conditions	Composite Structures	271		10.1016/j.compstruct.2021.114156	2021				2-s2.0-85107620981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107620981&doi=10.1016%2Fj.compstruct.2021.114156&partnerID=40&md5=dacbe84c150a81cbbf25bec7840ca33c	SCOPUS

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434	B., van Pinxteren, Bert; M., Emirhafizović, Mirza; I., Dailidienė, Inga; A., Figurek, Aleksandra; R., Hălbac-Cotoară-Zamfir, Rareș; M., Mętrak, Monika	Education for Resilience: How a Combination of Systemic and Bottom-Up Changes in Educational Services Can Empower Dryland Communities in Africa and Central Asia	Journal of Asian and African Studies	56	6	10.1177/0021909620960177	2021	1271	1285	15	2-s2.0-85091357707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091357707&doi=10.1177%2F0021909620960177&partnerID=40&md5=55c77724a2212abc319a7a378f776030	SCOPUS
435	D.K., Rajak, Dipen Kumar; E., Linul, Emanoil	Crushing response of Composite Metallic Foams: Density and High Strain Rate effects	Journal of Alloys and Compounds	871		10.1016/j.jallcom.2021.159614	2021				2-s2.0-85103278268	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103278268&doi=10.1016%2Fj.jallcom.2021.159614&partnerID=40&md5=318c7fc378cef0b422fd1002b69c8f0	SCOPUS
436	R., Buzatu, Raluca; V., Ungureanu, Viorel; A.L., Ciutina, Adrian Liviu; M., Gireadă, Mihăiță; D.L., Vitan, Daniel L.; I., Petran, Ioan	Experimental evaluation of energy-efficiency in a holistically designed building	Energies	14	16	10.3390/en14165061	2021				2-s2.0-85113428769	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113428769&doi=10.3390%2Fen14165061&partnerID=40&md5=606d89d9c8e6e7cdec1eec116c4ee8b2	SCOPUS
437	B.I., Pascu, Bogdan Ioan; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; N.S., Nemeș, Nicoleta Sorina; C.D., Seiman, Corina Duda; E., Marian, Eleonora; O., Micle, Otilia	A green, simple and facile way to synthesize silver nanoparticles using soluble starch. Ph studies and antimicrobial applications	Materials	14	16	10.3390/ma14164765	2021				2-s2.0-85113392144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113392144&doi=10.3390%2Fma14164765&partnerID=40&md5=29204ea75da77d982d650c4954be76bd	SCOPUS
438	M., Sava, Marcela; R., Nagy, Ramona; K., Menyhardt, Karoly	Characteristics of 3d printable bronze pla-based filament composites for gaskets	Materials	14	16	10.3390/ma14164770	2021				2-s2.0-85113372018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113372018&doi=10.3390%2Fma14164770&partnerID=40&md5=b045ab38e1776174db2a4b2045caeb1a	SCOPUS
439	O., Baniăș, Ovidiu; D., Florea, Diana; R., Gyalai, Robert; D.I., Curiac, Daniel Ioan	Automated specification-based testing of REST APIs	Sensors	21	16	10.3390/s21165375	2021				2-s2.0-85112663409	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112663409&doi=10.3390%2Fs21165375&partnerID=40&md5=2a90dfc6e975bfeac9c5c8fe25e331b	SCOPUS
440	A.S., Boscornea-Pușcu, Andreea Simona; L., Orel, Laura; O.A., Velea-Barta, Oana Alexandra; R.M., Horhat, Razvan Mihai; M.L., Negruțiu, Meda Lavinia; L.M., Nica, Luminița Maria; V.F., Duma, Virgil-Florin Florin; D.I., Stoia, Dan Ioan; C.F., Opriș, Carmen Firu; C., Sinescu, Cosmin	Experimental study of the effects of torsional loading on three types of nickel-titanium endodontic instruments	Applied Sciences (Switzerland)	11	16	10.3390/app11167224	2021				2-s2.0-85112330248	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112330248&doi=10.3390%2Fapp11167224&partnerID=40&md5=cfd496ae98c4fd3c07085264f99fcecfe	SCOPUS

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441	C., Cepan, Claudiu; A.E., Segneanu, A. E.; O.A., Grad, Oana Alexandra; M., Mihăilescu, Maria; M., Cepan, Melinda; I., Grozescu, Ioan	Assessment of the different type of materials used for removing phosphorus from wastewater	Materials	14	16	10.3390/ma14164371	2021				2-s2.0-85112107459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112107459&doi=10.3390%2Fma14164371&partnerID=40&md5=96469ebfbb19b9455fd9496af61cb29	SCOPUS
442	V., Gherheș, Vasile; M.A., Fărcașiu, Marcela Alina	Sustainable behavior among romanian students: A perspective on electricity consumption in households	Sustainability (Switzerland)	13	16	10.3390/su13169357	2021				2-s2.0-85111963320	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111963320&doi=10.3390%2Fsu13169357&partnerID=40&md5=820dfa46d70986f880e84c831ecb8ae4	SCOPUS
443	I., Mitelea, Ion; C.M., Crăciunescu, Corneliu Marius; C.P., Lucian, Ciprian Pavel; I.D., Utu, Ion Dragos	Microstructure and mechanical properties of 6082-T6 aluminum alloy-zinc coated steel braze-welded joints	Materialpruefung/Materials Testing	63	8	10.1515/mt-2020-0117	2021	721	727	7	2-s2.0-85113765219	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113765219&doi=10.1515%2Fmt-2020-0117&partnerID=40&md5=d94192c84279774d453801031d20b4a2	SCOPUS
444	G., Moza, Gheorghe; O., Brandibur, Oana; E.A., Kokovics, Emanuel Attila; L.F., Vesa, Loredana Flavia	Degenerate Chenciner Bifurcation Revisited	International Journal of Bifurcation and Chaos	31	10	10.1142/S0218127421501601	2021				2-s2.0-85112865971	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112865971&doi=10.1142%2FS0218127421501601&partnerID=40&md5=06569561c47cd222141a8052cb90d7f3	SCOPUS
445	A.I., Feier, Anamaria Ioana; A., Becheru, Andrei; M., Brîndușoiu, Mihai; L.A., Blaga, Lucian A.	Process transferability of friction riveting of AA2024-T351/polyetherimide (PEI) joints using hand-driven, low-cost drilling equipment	Processes	9	8	10.3390/pr9081376	2021				2-s2.0-85112687589	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112687589&doi=10.3390%2Fpr9081376&partnerID=40&md5=abde48aa327d10577f92d4aa5582b8e	SCOPUS
446	A.C., Măroiu, Alexandra Cristina; C., Sinescu, Cosmin; V.F., Duma, Virgil-Florin Florin; F.I., Topală, Florin Ionel; A., Jivănescu, Anca; P.M., Popovici, Paul Mircea; A., Tudor, Anca; M., Romînu, Mihai	Micro-ct and microscopy study of internal and marginal gto tooth surface of crenelated versus conventional dental indirect veneers	Medicina (Lithuania)	57	8	10.3390/medicina57080772	2021				2-s2.0-85112610061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112610061&doi=10.3390%2Fmedicina57080772&partnerID=40&md5=2fb138cb8cdc679e94833429b4537415	SCOPUS
447	O.A., Iordănescu, Olimpia Alina; M., Băla, Maria; D.P., Gligor, Dina Pane; S.E., Zippenfening, Simelda Elena; M.I., Cugorean, Marius Ioan; M.I., Petroman, Mircea Ionuț; D.I., Hădărugă, Daniel Ioan; N.G., Hădărugă, Nicoleta Gabriela; M., Riviș, Mircea	A dpph· kinetic approach on the antioxidant activity of various parts and ripening levels of papaya (Carica papaya L.) ethanolic extracts	Plants	10	8	10.3390/plants10081679	2021				2-s2.0-85112452307	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112452307&doi=10.3390%2Fplants10081679&partnerID=40&md5=1b09afa905f00c41aacff7624c0e733	SCOPUS

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448	A.M., Marica, Andreea Madalina; L., Fritea, Luminița; F., Bănică, Florin; C., Sinescu, Cosmin; C.V., Iovan, Ciprian V.; I., Hulka, Iosif; G.I., Rusu, Gerlinde I.; S.D., Cavalu, Simona Daniela	Carbon nanotubes for improved performances of endodontic sealer	Materials	14	15	10.3390/ma14154248	2021				2-s2.0-85112129693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112129693&doi=10.3390%2Fma14154248&partnerID=40&md5=876866d23dba27683072f5948767133d	SCOPUS
449	V., Gherheș, Vasile; M., Cernicova-Buca, Mariana; M., Alina Fărcașiu, Marcela; A., Palea, Adina	Romanian students' environment-related routines during COVID-19 home confinement: Water, plastic, and paper consumption	International Journal of Environmental Research and Public Health	18	15	10.3390/ijerph18158209	2021				2-s2.0-85112022162	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112022162&doi=10.3390%2Fijerph18158209&partnerID=40&md5=37e4d1381c2579586aab605f44db2466	SCOPUS
450	A., Isar, Alexandru; C., Naforrita, Corina; G.A., Magu, Georgiana Alina	Hyperanalytic wavelet-based robust edge detection	Remote Sensing	13	15	10.3390/rs13152888	2021				2-s2.0-85111415578	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111415578&doi=10.3390%2Frs13152888&partnerID=40&md5=6ae3041731b728157695d514d7223325	SCOPUS
451	R., Blaga, Robert; D.G., Călinoiu, Delia Gabriela; N., Stefu, Nicoleta; R.S., Boata, Remus Stefan; A., Sabadus, Andreea; E., Paulescu, Eugenia; N., Pop, Nicolina; O., Mares, Oana; S., Bojin, Sorin; M., Păulescu, Marius	Quantification of the aerosol-induced errors in solar irradiance modeling	Meteorology and Atmospheric Physics	133	4	10.1007/s00703-021-00815-z	2021	1395	1407	13	2-s2.0-85111398874	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111398874&doi=10.1007%2Fs00703-021-00815-z&partnerID=40&md5=e1c1dfcd8976c5c926aae0fa451f83be	SCOPUS
452	T., Krausz, Tamas; I.I., Ailinei, Iulian Ionut; S.V., Galațanu, Sergiu Valentin; L., Marșavina, Liviu	Charpy impact properties and numerical modeling of polycarbonate composites	Material Design and Processing Communications	3	4	10.1002/mdp2.260	2021				2-s2.0-85109660044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109660044&doi=10.1002%2Fmdp2.260&partnerID=40&md5=586aed305a9c60b6778d90f961d239	SCOPUS
453	C.T., Albuлесcu, Claudiu Tiberiu; A.N., Ajmi, Ahdi Noomen	Oil price and US dollar exchange rate: Change detection of bi-directional causal impact	Energy Economics	100		10.1016/j.eneco.2021.105385	2021				2-s2.0-85107988568	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107988568&doi=10.1016%2Fj.eneco.2021.105385&partnerID=40&md5=53150792551795870eeed95da2f6c33a	SCOPUS

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454	D., Hulea, Dan; O., Cornea, Octavian; N., Muntean, N.; B., Fahimi, Babak	A bidirectional hybrid switched inductor converter with wide voltage conversion range	IET Power Electronics	14	10	10.1049/pe.2.12138	2021	1753	1767	15	2-s2.0-85107280311	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107280311&doi=10.1049%2Fpe.2.12138&partnerID=40&md5=5c43b42e9b0de4e6bbe2d3ff897d2cb	SCOPUS
455	D., Dan, Daniel; C., Toduț, Carla; V.A., Stoian, Valeriu Augustin; M., Fofiu, Mihai	Theoretical and experimental study of precast reinforced concrete walls with different openings under seismic loads	Engineering Structures	240		10.1016/j.engstruct.2021.112397	2021				2-s2.0-85105329364	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105329364&doi=10.1016%2Fj.engstruct.2021.112397&partnerID=40&md5=bd8427fd6dc27aeb71492c1a5abd6769	SCOPUS
456	M.A., Medeleanu, Mihai A.; D.I., Hădărugă, Daniel Ioan; C.V., Muntean, Cornelia Veronica; G., Popescu, Gabriela; M., Rada, Maria; A., Hegheș, Alina; S.E., Zippenfening, Simelda Elena; C.A., Lucan (Banciu), Christine A.; A.B., Velciov, Ariana Bianca; G.N., Bandur, Geza Nicolae	Structure-property relationships on recrystallized β -cyclodextrin solvates: A focus on X-ray diffractometry, FTIR and thermal analyses	Carbohydrate Polymers	265		10.1016/j.carbpol.2021.118079	2021				2-s2.0-85104365572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104365572&doi=10.1016%2Fj.carbpol.2021.118079&partnerID=40&md5=883285e8a9dd898210e0c60f4076d89	SCOPUS
457	D.I., Stoa, Dan Ioan; L., Marșavina, Liviu; E., Linul, Emanoil	Mode I critical energy release rate of additively manufactured polyamide samples	Theoretical and Applied Fracture Mechanics	114		10.1016/j.tafmec.2021.102968	2021				2-s2.0-85104118897	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104118897&doi=10.1016%2Fj.tafmec.2021.102968&partnerID=40&md5=c5d1db9c8636b259e0a5a9fdbed61ce2	SCOPUS
458	M.A., Ouamri, Mohamed Amine	Stochastic geometry modeling and analysis of downlink coverage and rate in small cell network	Telecommunication Systems	77	4	10.1007/s11235-021-00770-5	2021	767	779	13	2-s2.0-85102390687	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102390687&doi=10.1007%2Fs11235-021-00770-5&partnerID=40&md5=8eeb0e0210188458c0c2efee25852a92	SCOPUS
459	L., Ivascu, Larisa; M., Sarfraz, Muddassar; M., Mohsin, Muhammad; S., Naseem, Sobia; I., Ozturk, Ilknur	The causes of occupational accidents and injuries in romanian firms: An application of the johansen cointegration and granger causality test	International Journal of Environmental Research and Public Health	18	14	10.3390/ijerph18147634	2021				2-s2.0-85110115825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110115825&doi=10.3390%2Fijerph18147634&partnerID=40&md5=a0ceeb090ce0940db9937251e99042e0	SCOPUS

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460	C., Ardean, Cristina; C.M., Davidescu, Corneliu Mircea; N.S., Nemeș, Nicoleta Sorina; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; D.M., Duda-Seiman, Daniel Marius; V.F., Musta, Virgil Filaret	Factors influencing the antibacterial activity of chitosan and chitosan modified by functionalization	International Journal of Molecular Sciences	22	14	10.3390/ijms22147449	2021				2-s2.0-85109503080	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109503080&doi=10.3390%2Fijms22147449&partnerID=40&md5=6c11958faacf81cc150a8fde5331210c	SCOPUS
461	C., Neagu, Calin; D., Dubină, Dan; F., Dinu, Florea; I., Petran, Ioan	STRUCTURAL INVESTIGATIONS ON THE PROGRESSIVE COLLAPSE OF A STEEL-TIMBER INTERMEDIATE ROOFING	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	22	3		2021	255	264	10	2-s2.0-85125630307	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125630307&partnerID=40&md5=4d9c3fce19e814f396ada3a1552afe78	SCOPUS
462	C., Donliffack Atenkeng, Cyrille; G.S., Anagho, Gabche Solomon; R.F., Tiegam Tagne, Rufis Fregue; L.A., Amola, Liouna Adoum; A., Bopda, Aurelien; T., Kamgaing, Théophile	Optimization of 4-nonylphenol adsorption on activated carbons derived from safou seeds using response surface methodology	Carbon Trends	4		10.1016/j.cartre.2021.100052	2021				2-s2.0-85123083785	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123083785&doi=10.1016%2Fj.cartre.2021.100052&partnerID=40&md5=644d3c0ad72a663eb6e72a89d2aa28f7	SCOPUS
463	R., Isac, Raluca; D.G., Basaca, Diana Georgiana; I.C., Olariu, Ioana Cristina; R.F., Stroescu, Ramona Florina; A.M., Ardelean, Andrada Mara; R.M., Steflea, Ruxandra Maria; M., Gafencu, M.; A., Chirita-Emandi, Adela; I.C., Cristina Bagiu, Iulia Cristina; F.G., Horhat, Florin George	Antibiotic resistance patterns of uropathogens causing urinary tract infections in children with congenital anomalies of kidney and urinary tract	Children	8	7	10.3390/children8070585	2021				2-s2.0-85113795158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113795158&doi=10.3390%2Fchildren8070585&partnerID=40&md5=31d19d848d66b16c95940cc54aaa1ee5	SCOPUS
464	R., Hălbac-Cotoară-Zamfir, Rareș; S.R.S., Cividino, Sirio Rossano Secondo; G., Egidi, Gianluca; L., Salvati, Luca	Building for local resilience and the latent nexus between vulnerability and sustainability in metropolitan regions	Environmental Engineering and Management Journal	20	7		2021	1065	1076	12	2-s2.0-85112168079	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112168079&partnerID=40&md5=a2d29fab7d6ce3b0637ed97f967c0cd	SCOPUS
465	M., Ciopec, Mihaela; G., Biliută, Gabriela; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; S., Coseri, Sergiu; P., Negrea, Petru; M.M., Ghangrekar, Makarand Madhao	Testing of chemically activated cellulose fibers as adsorbents for treatment of arsenic contaminated water	Materials	14	13	10.3390/ma14133731	2021				2-s2.0-85109844635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109844635&doi=10.3390%2Fma14133731&partnerID=40&md5=70171c7fb6ab3708cf91b2ddb1d8f48f	SCOPUS
466	I.A., Filip, Ioan A.; F., Drăgan, Florin; I., Szeidert, Iosif	Considerations about parameters estimation into a minimum variance control system	Applied Sciences (Switzerland)	11	13	10.3390/app11136165	2021				2-s2.0-85109404363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109404363&doi=10.3390%2Fapp11136165&partnerID=40&md5=9ced3886617447381c7733fb2aac7d9d	SCOPUS

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467	D.A., Șerban, D. A.; C., Marsavina, Cosmin; A.V., Cosa, Alexandru Viorel; G., Belgiu, George; R.M., Negru, Radu Marcel	A study of yielding and plasticity of rapid prototyped abs	Mathematics	9	13	10.3390/math9131495	2021				2-s2.0-85109290986	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109290986&doi=10.3390%2Fmath9131495&partnerID=40&md5=e4cd2f825551dc4d612a185d54f62e0d	SCOPUS
468	A.L., Bele, Anda Ligia; E., Coleri, Erdem; F., Bele, Florin; C., Costescu, Ciprian	Influence of different warm mix additives on characteristics of warm mix asphalt	Materials	14	13	10.3390/ma14133534	2021				2-s2.0-85109195191	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109195191&doi=10.3390%2Fma14133534&partnerID=40&md5=7c3aeac04cf3cb631cf67f922febcae5	SCOPUS
469	R., Bogdan, Razvan; M.M., Crișan-Vida, Mihaela Marcella; D., Barmayoun, Darius; L.L., Staicu, Loredana Lavinia; R.V., Puiu, Robert Valentin; M., Lup, Mădălina; M.G., Marcu, Marius George	Optimization of AUTOSAR communication stack in the context of advanced driver assistance systems	Sensors	21	13	10.3390/s21134561	2021				2-s2.0-85108951410	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108951410&doi=10.3390%2Fs21134561&partnerID=40&md5=3cdfd4ac97fc32c83eeb7b98172f66	SCOPUS
470	R.A., Erdelyi, Ralph Alexandru; V.F., Duma, Virgil-Florin Florin; C., Sinescu, Cosmin; G.M., Dobre, George M.; A., Bradu, Adrian; A.G., Podoleanu, Adrian G.	Optimization of x-ray investigations in dentistry using optical coherence tomography	Sensors	21	13	10.3390/s21134554	2021				2-s2.0-85108944765	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108944765&doi=10.3390%2Fs21134554&partnerID=40&md5=981b80350e0c2d8d326043a60dbe3cbb	SCOPUS
471	Y., Azizi, Y.; M.R., Soleimani, Mohammad Reza; S.H., Sedighy, Seyed Hassan; L., Matekovits, Ladislau	Low-cost, low-profile wide-band radar cross section reduction using dual-concentric phase gradient modulated surface	Electronics (Switzerland)	10	13	10.3390/electronics10131552	2021				2-s2.0-85108645267	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108645267&doi=10.3390%2Felectronics10131552&partnerID=40&md5=26de5e1830350e9996e79903d12e7fe6	SCOPUS
472	A., Simo, Attila; S., Dzjtic, Simona; I., Dzitic, Ioan; M., Frigura-Iliasa, Mihaela; F., Mihai Frigura-Iliasa, Flaviu	Air quality assessment system based on self-driven drone and LoRaWAN network	Computer Communications	175		10.1016/j.comcom.2021.04.032	2021	13	24	12	2-s2.0-85105259975	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105259975&doi=10.1016%2Fj.comcom.2021.04.032&partnerID=40&md5=474526c6f562f3da3cb5b0ba0da3e5b8	SCOPUS

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473	D., Belega, Daniel; D., Petri, Dario	Fast procedures for accurate parameter estimation of sine-waves affected by noise and harmonic distortion	Digital Signal Processing: A Review Journal	114		10.1016/j.dsp.2021.103035	2021				2-s2.0-85102700668	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102700668&doi=10.1016%2Fj.dsp.2021.103035&partnerID=40&md5=ec45396539b1a8408baf2396ee334d06	SCOPUS
474	G., Ilia, Gheorge; V., Simulescu, Vasile; R., Gheonea, Ramona; E.C., Crăsmăreanu, Eleonora Cornelia; I., Hulka, Iosif	Grafting on metal oxide surface of phenyl phosphinic acid by using solid-state process	Journal of the Iranian Chemical Society	18	7	10.1007/s13738-020-02153-0	2021	1815	1823	9	2-s2.0-85099203260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099203260&doi=10.1007%2Fs13738-020-02153-0&partnerID=40&md5=230af42bc7dfe3d5b75e37608579151d	SCOPUS
475	C.T., Albulescu, Claudiu Tiberiu; M.I., Mutașu, Mihai Ioan	Fuel price co-movements among France, Germany and Italy: A time-frequency investigation	Energy	225		10.1016/j.energy.2021.120236	2021				2-s2.0-85102285556	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102285556&doi=10.1016%2Fj.energy.2021.120236&partnerID=40&md5=6e447ec5173a45a4965b803dfce102b3	SCOPUS
476	G.I., Barbulescu, Greta Ionela; M.F., Bojin, Maria Florina; V.L., Ordodi, Valentin Laurentiu; I.D., Goje, Iacob Daniel; T.P., Buica, Taddeus Paul; O.I., Gavriluc, Oana Isabella; F., Baderca, Flavia; T., Hoinoiu, Teodora; V., Păunescu, Virgil	Innovative biotechnology for generation of cardiac tissue	Applied Sciences (Switzerland)	11	12	10.3390/app11125603	2021				2-s2.0-85122151725	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122151725&doi=10.3390%2Fapp11125603&partnerID=40&md5=689beaa535f4b126afe06a8abdec1947	SCOPUS
477	S.A.M., Fadl-Elmola, Salman A.M.; C., Moisesescu-Ciocan, Cristian; I.I., Popescu, I. I.	Application of smooth particle hydrodynamics to particular flow cases solved by saint-venant equations	Water (Switzerland)	13	12	10.3390/w13121671	2021				2-s2.0-85110250623	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110250623&doi=10.3390%2Fw13121671&partnerID=40&md5=3e5aad8e5c052b7676e15daba4c25963	SCOPUS
478	A.C., Stuparu, Adrian Ciprian; R.F., Susan-Resiga, Romeo Florin; A.I., Bosioc, Alin Ilie	CFD simulation of solid suspension for a liquid–solid industrial stirred reactor	Applied Sciences (Switzerland)	11	12	10.3390/app11125705	2021				2-s2.0-85109023822	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109023822&doi=10.3390%2Fapp11125705&partnerID=40&md5=0eec18fe9696cbc20d511a815b8fe7e2	SCOPUS

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479	P., Derban, Paula; R.I., Negrea, Romeo Iosif; M., Romînu, Mihai; L., Marșavina, Liviu	Influence of the printing angle and load direction on flexure strength in 3d printed materials for provisional dental restorations	Materials	14	12	10.3390/ma14123376	2021				2-s2.0-85108894738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108894738&doi=10.3390%2Fma14123376&partnerID=40&md5=d3b7f33c868fce1145ffef734ede176b	SCOPUS
480	C., Lăzureanu, Cristian	Integrable deformations and dynamical properties of systems with constant population	Mathematics	9	12	10.3390/math9121378	2021				2-s2.0-85108736542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108736542&doi=10.3390%2Fmath9121378&partnerID=40&md5=7169928d9fbb5b3272a37159092420f3	SCOPUS
481	N., Herisanu, Nicolae; V., Marinca, Vasile	A solution procedure combining analytical and numerical approaches to investigate a two-degree-of-freedom vibro-impact oscillator	Mathematics	9	12	10.3390/math9121374	2021				2-s2.0-85108682897	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108682897&doi=10.3390%2Fmath9121374&partnerID=40&md5=c5fd88b4cda66c4ce224251ad033ea8b	SCOPUS
482	A.C., Stuparu, Adrian Ciprian; R.F., Susan-Resiga, Romeo Florin; A.I., Bosioc, Alin Ilie	Improving the homogenization of the liquid-solid mixture using a tandem of impellers in a baffled industrial reactor	Applied Sciences (Switzerland)	11	12	10.3390/app11125492	2021				2-s2.0-85108651485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108651485&doi=10.3390%2Fapp11125492&partnerID=40&md5=ce02d3348c22a55f95a5685046ec38b8	SCOPUS
483	N., Kazamer, Norbert; R., Muntean, Roxana; P.C., Vălean, Petru Cristian; D.T., Pascal, Dragoș Toader; G.M., Marginean, Gabriela M.; V.A., Serban, Viorel Aurel	Comparison of ni-based self-fluxing remelted coatings for wear and corrosion applications	Materials	14	12	10.3390/ma14123293	2021				2-s2.0-85108650226	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108650226&doi=10.3390%2Fma14123293&partnerID=40&md5=df22ed61ad5a769ceeb5f6f4ce3a1f32	SCOPUS
484	G.R., Barb, Gordana Raluca; F., Alexa, Florin; M.E., Oteșteanu, Marius Emil	Dynamic spectrum sharing for future lte-nr networks	Sensors	21	12	10.3390/s21124215	2021				2-s2.0-85108145738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108145738&doi=10.3390%2Fs21124215&partnerID=40&md5=0eb2667b221a947543a1612fde4f76c7	SCOPUS
485	C., Vancea, Cosmin; G.E., Moșoarcă, Giannin Emanuel; S., Popa, S.	A sustainable solution to obtain p-k-mn glass fertilizers from cheap and readily available wastes	International Journal of Environmental Research and Public Health	18	12	10.3390/ijerph18126585	2021				2-s2.0-85108065021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108065021&doi=10.3390%2Fijerph18126585&partnerID=40&md5=257e5f287467a94a57cf8a240a843ed9	SCOPUS

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486	C.D., Căleanu, Cătălin Daniel; C.L., Sirbu, Cristina Laura; G., Simion, Georgiana	Deep neural architectures for contrast enhanced ultrasound (Ceus) focal liver lesions automated diagnosis†	Sensors	21	12	10.3390/s21124126	2021				2-s2.0-85107853598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107853598&doi=10.3390%2Fs21124126&partnerID=40&md5=b98a756d9f394d181efe7ff574aa9226	SCOPUS
487	A., Formisano, Antonio; N., Chieffo, Nicola; G., Vaiano, Generoso	Seismic Vulnerability Assessment and Strengthening Interventions of Structural Units of a Typical Clustered Masonry Building in the Campania Region of Italy	GeoHazards	2	2	10.3390/geohazards2020006	2021	101	119	19	2-s2.0-85110786659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110786659&doi=10.3390%2Fgeohazards2020006&partnerID=40&md5=9c19dabf2daab5ea2c15a71197544e0f	SCOPUS
488	C., Lăzureanu, Cristian	On the integrable deformations of the maximally superintegrable systems	Symmetry	13	6	10.3390/sym13061000	2021				2-s2.0-85108178785	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108178785&doi=10.3390%2Fsym13061000&partnerID=40&md5=bd44fad46e05736ef6b94c0196c395a	SCOPUS
489	C., Voleşcu, Constantin	Stability analysis of systems with fuzzy pi controllers applied to electric drives	Mathematics	9	11	10.3390/math9111246	2021				2-s2.0-85107886134	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107886134&doi=10.3390%2Fmath9111246&partnerID=40&md5=70baa731e07cd1dd9830e23e0669e92f	SCOPUS
490	M., Mohsin, Muhammad; Q., Zhu, Qiang; S., Naseem, Sobia; M., Sarfraz, Muddassar; L., Ivascu, Larisa	Mining industry impact on environmental sustainability, economic growth, social interaction, and public health: An application of semi-quantitative mathematical approach	Processes	9	6	10.3390/pr9060972	2021				2-s2.0-85107871204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107871204&doi=10.3390%2Fpr9060972&partnerID=40&md5=c6b55a4d96eb9172a281b9ed14ec6f65	SCOPUS
491	T.L., Dragomir, Toma Leonida; A.M., Pană, Ana Maria; V.L., Ordodi, Valentin Laurentiu; V.D., Gherman, Vasile Daniel; G.A., Dumitrel, Gabriela Alina; S., Nanu, Sorin	An empirical model for predicting biodegradation profiles of glycopolymers	Polymers	13	11	10.3390/polym13111819	2021				2-s2.0-85107853965	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107853965&doi=10.3390%2Fpolym13111819&partnerID=40&md5=54edcb11f088ea7be604bea844dec271	SCOPUS
492	S.C., Negrea, Sorina Claudia; L.A., Diaconu, Lidia Ani; V., Nicorescu, Valeria; S., Motoc, Sorina; C., Orha, Corina; F., Manea, Florica	Graphene oxide electroreduced onto boron-doped diamond and electrodeposited with silver (Ag/GO/BDD) electrode for tetracycline detection in aqueous solution	Nanomaterials	11	6	10.3390/nano11061566	2021				2-s2.0-85107783576	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107783576&doi=10.3390%2Fnano11061566&partnerID=40&md5=9e76f89a4c2943cabb72edea2e426257	SCOPUS

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493	A.C., Stuparu, Adrian Ciprian; R.F., Susan-Resiga, Romeo Florin; C., Tănăsă, Constantin	CFD assessment of the hydrodynamic performance of two impellers for a baffled stirred reactor	Applied Sciences (Switzerland)	11	11	10.3390/app11114949	2021				2-s2.0-85107774628	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107774628&doi=10.3390%2Fapp11114949&partnerID=40&md5=9d18faa88b5e73b24dd26365f3d7ea7	SCOPUS
494	G., Kiss, Gabriel; G.I., Rusu, Gerlinde I.; G.N., Bandur, Geza Nicolae; I., Hulka, Iosif; D., Romecki, Daniel; F., Peter, Francisc	Advances in low-density flexible polyurethane foams by optimized incorporation of high amount of recycled polyol	Polymers	13	11	10.3390/polym13111736	2021				2-s2.0-85107397781	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107397781&doi=10.3390%2Fpolym13111736&partnerID=40&md5=0fd35f6afd94e2aa14d40be9d5c4ad64	SCOPUS
495	M., Cernicova-Buca, Mariana; G.M., Dragomir, Gabriel Mugurel	Romanian students' appraisal of the emergency remote assessment due to the COVID-19 pandemic	Sustainability (Switzerland)	13	11	10.3390/su13116110	2021				2-s2.0-85107382118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107382118&doi=10.3390%2Fsu13116110&partnerID=40&md5=d9a4156871d1393deed005a11ee44aa1	SCOPUS
496	L., Auzoult, Laurent; M.C., Alina, Mazilescu Crisanta	Ethical climate as social norm: Impact on judgements and behavioral intentions in the workplace	International Journal of Environmental Research and Public Health	18	11	10.3390/ijerph18116006	2021				2-s2.0-85107280605	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107280605&doi=10.3390%2Fijerph18116006&partnerID=40&md5=17cc1f0ee11ef3b4a33ff01046c973db	SCOPUS
497	R.L., Baron, Raluca Ioana; G., Biliuță, Gabriela; V.M., Socoliuc, Vlad Mircea; S., Coseri, Sergiu	Affordable magnetic hydrogels prepared from biocompatible and biodegradable sources	Polymers	13	11	10.3390/polym13111693	2021				2-s2.0-85107137363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107137363&doi=10.3390%2Fpolym13111693&partnerID=40&md5=d30c8005c0a1e309bb1ab986cd8ff612	SCOPUS
498	C., Stolojescu-Crisan, Cristina; C., Crisan, Calin; B.P., Butunoi, Bogdan Petru	An iot-based smart home automation system	Sensors	21	11	10.3390/s21113784	2021				2-s2.0-85106696779	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106696779&doi=10.3390%2Fs21113784&partnerID=40&md5=bb1d3f1fa037e7407dda2d186da b1fc1	SCOPUS
499	C., Orhei, Ciprian; S., Vert, Silviu; M., Mocofan, Muguras; R., Vasii, Radu	End-to-end computer vision framework: An open-source platform for research and education	Sensors	21	11	10.3390/s21113691	2021				2-s2.0-85106415191	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106415191&doi=10.3390%2Fs21113691&partnerID=40&md5=421ceb68329c78fba81baa133a2ace15	SCOPUS

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500	B.V., Marincea, Bogdan V.; V., Marincea, Vasile; C., Bogdan, Ciprian	Dynamics of SEIR epidemic model by optimal auxiliary functions method	Chaos, Solitons and Fractals	147		10.1016/j.chaos.2021.110949	2021				2-s2.0-85105547557	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105547557&doi=10.1016%2Fj.chaos.2021.110949&partnerID=40&md5=33b97ed56009d4ae41b063e764fa3b6c	SCOPUS
501	C., Lăzureanu, Cristian; C., Petrișor, Camelia; C., Hedrea, Ciprian	On a Deformed Version of the Two-Disk Dynamo System	Applications of Mathematics	66	3	10.21136/AM.2021.0303-19	2021	345	372	28	2-s2.0-85103617257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103617257&doi=10.21136%2FAM.2021.0303-19&partnerID=40&md5=5d2fe24b6b50f40c269d78b73c8bc805	SCOPUS
502	M., Mihăilescu, Maria; A., Negrea, Adina; M., Ciopec, Mihaela; P., Negrea, Petru; N.M., Dușeanu, Narcis Mihael; I., Grozav, Ion; P., Svera, Paula; C., Vancea, Cosmin; A., Bărbulescu, Alina; C.Ș., Dumitriu, Cristian Ștefan	Full factorial design for gold recovery from industrial solutions	Toxics	9	5	10.3390/toxics9050111	2021				2-s2.0-85107222713	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107222713&doi=10.3390%2Ftoxics9050111&partnerID=40&md5=390fb70b233ad68a10fe47ba8100b0cb	SCOPUS
503	S., Xiang, Shihui; S., Rasool, Saad; Y., Hang, Yong; K., Javid, Kamran; T., Javed, Tasawar; A.E., Artene, Alin Emanuel	The Effect of COVID-19 Pandemic on Service Sector Sustainability and Growth	Frontiers in Psychology	12		10.3389/fpsyg.2021.633597	2021				2-s2.0-85106144902	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106144902&doi=10.3389%2Ffpysyg.2021.633597&partnerID=40&md5=93a9b604c0791883b4ff58c3d62ba650	SCOPUS
504	C., David, Ciprian; C., Naforita, Corina; V., Gui, Vasile; A., Câmpeanu, Andrei; G., Carrié, Guillaume; M., Monnerat, Michel	Gnss localization in constraint environment by image fusing techniques	Remote Sensing	13	10	10.3390/rs13102021	2021				2-s2.0-85107006085	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107006085&doi=10.3390%2Frs13102021&partnerID=40&md5=4a4075793e42feb9b40559c4f1ec6996	SCOPUS
505	R.C., Miclea, Rațvan Cătălin; V.I., Ungureanu, Vlad Ilie; F.D., Sandru, Florin Daniel; I., Silea, Ioan	Visibility enhancement and fog detection: Solutions presented in recent scientific papers with potential for application to mobile systems	Sensors	21	10	10.3390/s21103370	2021				2-s2.0-85105491152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105491152&doi=10.3390%2Fs21103370&partnerID=40&md5=59ec51fe2f2c7ba17666b34bf26b9a29	SCOPUS

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506	A.I., Keller, Alexandra Iasmina; M.A., Parisi, Maria Adelaide; E., Tsakanika, Eleftheria; M., Moșoarcă, Marius	Influence of historic roof structures on the seismic behaviour of masonry structures	Proceedings of the Institution of Civil Engineers: Structures and Buildings	174	5	10.1680/jstbu.19.0098	2021	443	456	14	2-s2.0-85107388961	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107388961&doi=10.1680%2Fjstbu.19.0098&partnerID=40&md5=ea5d4b9f1acd049a51eb2236b1382bb8	SCOPUS
507	M.F., Bojin, Maria Florina; A.P., Robu, Andreea P.; M.I., Bejenariu, Maria Iulia; V.L., Ordodi, Valentin Laurentiu; G.E., Olteanu, Gheorghe Emilian; A., Cean, Ada; R., Popescu, Roxana; M., Neagu, Monica; O.I., Gavriluc, Oana Isabella; A., Neagu, Adrian	3d bioprinting of model tissues that mimic the tumor microenvironment	Micromachines	12	5	10.3390/mi12050535	2021				2-s2.0-85106673220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106673220&doi=10.3390%2Fmi12050535&partnerID=40&md5=b2d68c162073c03bf450f81e57f359fb	SCOPUS
508	R.N., Rotar, Raul Nicolae; S.L., Jurj, Sorin Liviu; R., Susany, Robert; F., Oprițoiu, Flavius; M., Vlăduțiu, Mircea	Global energy production computation of a solar-powered smart home automation system using reliability-oriented metrics	Energies	14	9	10.3390/en14092541	2021				2-s2.0-85106445567	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106445567&doi=10.3390%2Fen14092541&partnerID=40&md5=f735082257e677db158241e3f5e56b55	SCOPUS
509	G., Soava, Georgeta; A., Mehedintu, Anca; M., Sterpu, Mihaela; E., Grecu, Eugenia	The impact of the COVID-19 pandemic on electricity consumption and economic growth in romania	Energies	14	9	10.3390/en14092394	2021				2-s2.0-85106399142	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106399142&doi=10.3390%2Fen14092394&partnerID=40&md5=a0c6f8d52c54df30e4244e37f074eb41	SCOPUS
510	A., Tulcan, Aurel; M.D., Vasilescu, Mircea Dorin; L., Tulcan, Liliana	Comparative study of the influence of bio-resin color on the dimension, flatness and straightness of the part in the 3d printing process	Polymers	13	9	10.3390/polym13091412	2021				2-s2.0-85105489215	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105489215&doi=10.3390%2Fpolym13091412&partnerID=40&md5=730ba72b2bf32f0624d6c7422acfa414	SCOPUS
511	V., Jusas, Vacius; R., Butkienė, Rita; A., Venčkauskas, Algimantas; R., Burbaitė, Renata; D., Gudonienė, Daina; Š., Grigaliūnas, Šarūnas; D., Andone, Diana	Models for administration to ensure the successful transition to distance learning during the pandemic	Sustainability (Switzerland)	13	9	10.3390/su13094751	2021				2-s2.0-85105202117	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105202117&doi=10.3390%2Fsu13094751&partnerID=40&md5=808858310d9c70e31cf167c79dc8e30f	SCOPUS
512	N., Pop, Nicolina; F., Iacob, Felix; S., Niyonzima, Sebastian; A., Abdoulanziz, Abdullah; V., Laporta, V.; D., Reiter, Detlev; I.F., Schneider, Ioan F.; J.Z., Mezei, János Z.	Reactive collisions between electrons and BeT+: Complete set of thermal rate coefficients up to 5000 K	Atomic Data and Nuclear Data Tables	139		10.1016/j.adt.2021.101414	2021				2-s2.0-85101316262	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101316262&doi=10.1016%2Fj.adt.2021.101414&partnerID=40&md5=ef1d8998a118f5a0eff6a2ef0b58d074c	SCOPUS

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513	M., Sarfraz, Muddassar; L., Ivascu, Larisa; R.R., Belu, Radian Radu; A.E., Artene, Alin Emanuel	Accentuating the interconnection between business sustainability and organizational performance in the context of the circular economy: The moderating role of organizational competitiveness	Business Strategy and the Environment	30	4	10.1002/bse.2735	2021	2108	2118	11	2-s2.0-85100828717	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100828717&doi=10.1002%2Fbse.2735&partnerID=40&md5=d86c8ec7c3b32519c476fb7e91c458d3	SCOPUS
514	A., Visa, Aurelia; G., Ilia, Gheorge; L., Lupa, Lavinia; B.E., Mărănescu, Bianca Elena	Use of highly stable phosphonate coordination polymers as adsorbents for wastewater	Applied Organometallic Chemistry	35	5	10.1002/aoc.6184	2021				2-s2.0-85100594861	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100594861&doi=10.1002%2Faoac.6184&partnerID=40&md5=49b718cbfcf68e5fd3ad28e3d3207308	SCOPUS
515	I., Nichita, Ileana; L., Lupa, Lavinia; A., Visa, Aurelia; A., Popa, Adriana	One-pot synthesis, characterization and in vitro antibacterial evaluation of bioactive "aminophosphinic acid" groups grafted onto polymeric-support	Polymer Bulletin	78	5	10.1007/s00289-020-03219-y	2021	2505	2522	18	2-s2.0-85084462757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084462757&doi=10.1007%2Fs00289-020-03219-y&partnerID=40&md5=9548710002d243a8fd579cceb519e41	SCOPUS
516	K., Philippou, Katerina; C.N., Christou, Christos N.; V.M., Socoliuc, Vlad Mircea; L.N., Vékás, Ladislav Nicolae; E., Tanasă, Eugenia; M., Miclău, Marinela; I., Pashalidis, Ioannis; T.C., Krasia-Christoforou, Theodora C.	Superparamagnetic polyvinylpyrrolidone/chitosan/Fe3O4 electrospun nanofibers as effective U(VI) adsorbents	Journal of Applied Polymer Science	138	15	10.1002/app.50212	2021				2-s2.0-85094674873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094674873&doi=10.1002%2Fapp.50212&partnerID=40&md5=98d7393fe76961bc5425c388999db6a1	SCOPUS
517	A., Todea, Anamaria; I.C., Benea, Ioana Cristina; I., Bîtcă, Ioan; F., Peter, Francisc; S., Klébert, Szilvia; T., Feczko, Tivadar; Z., Károly, Zoltán; E., Biró, Emese	One-pot biocatalytic conversion of lactose to gluconic acid and galacto-oligosaccharides using immobilized β -galactosidase and glucose oxidase	Catalysis Today	366		10.1016/j.cattod.2020.06.090	2021	202	211	10	2-s2.0-85089726234	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089726234&doi=10.1016%2Fj.cattod.2020.06.090&partnerID=40&md5=d1358f9d192660815be938d248a0fe9f	SCOPUS
518	I., Kántor, Izolda; D.M., Dreava, Diana Maria; A., Todea, Anamaria; E., Biró, Emese; G., Babos, György; D., Szerényi, Dóra; B., Kakasi, Balázs; F., Peter, Francisc; E., Sisu, Eugen; T., Feczko, Tivadar	Biocatalytic synthesis of poly[ϵ -caprolactone-co-(12-hydroxystearate)] copolymer for sorafenib nanoformulation useful in drug delivery	Catalysis Today	366		10.1016/j.cattod.2020.05.005	2021	195	201	7	2-s2.0-85085033188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085033188&doi=10.1016%2Fj.cattod.2020.05.005&partnerID=40&md5=6b063af67f321f2f5500eb2d2b03c648	SCOPUS

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519	C., Voleşcu, Constantin	Reducing energy consumption and increasing the performances of ac motor drives using fuzzy pi speed controllers	Energies	14	8	10.3390/en14082083	2021				2-s2.0-85106309561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106309561&doi=10.3390%2Fen14082083&partnerID=40&md5=acd2848ba5b332422db9a16470ca9e6e	SCOPUS
520	V., Gherheș, Vasile; C.E., Stoian, Claudia Elena; M.A., Fărcașiu, Marcela Alina; M., Stanici, Mirosav	E-learning vs. Face-to-face learning: Analyzing students' preferences and behaviors	Sustainability (Switzerland)	13	8	10.3390/su13084381	2021				2-s2.0-85104797937	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104797937&doi=10.3390%2Fsu13084381&partnerID=40&md5=d7f11c5fc1e9e9a2f732a1a7537a2046	SCOPUS
521	S., Sadat Nickayin, Samaneh; L., Salvati, Luca; R., Coluzzi, Rosa; M.T., Lanfredi, Maria Teresa; R., Hălbac-Cotoară-Zamfir, Rareș; R., Salvia, Rosanna; G., Quaranta, Giovanni; A.M., Alhuseen, Ahmed Mohammed; L., Gaburova, Luisa	What happens in the city when long-term urban expansion and (un)sustainable fringe development occur: The case study of rome	ISPRS International Journal of Geo-Information	10	4	10.3390/ijgi10040231	2021				2-s2.0-85106535203	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106535203&doi=10.3390%2Fijgi10040231&partnerID=40&md5=3039fbef02b8226476b863505644fb94	SCOPUS
522	S.L., Jurj, Sorin Liviu; R.N., Rotar, Raul Nicolae; F., Oprețoiu, Flavius; M., Vlăduțiu, Mircea	Improving the solar reliability factor of a dual-axis solar tracking system using energy-efficient testing solutions	Energies	14	7	10.3390/en14072009	2021				2-s2.0-85106447577	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106447577&doi=10.3390%2Fen14072009&partnerID=40&md5=8cfbc543d00711c2c70593d2d9468ca0	SCOPUS
523	R.A., Szakal, Raul Alexandru; D., Mecea, Darius; A.I., Bosioc, Alin Ilie; I., Borbáth, István; S., Muntean, Sebastian	DESIGN AND TESTING A MAGNETO-RHEOLOGICAL BRAKE WITH CYLINDRICAL CONFIGURATION	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	22	2		2021	185	193	9	2-s2.0-85106239251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106239251&partnerID=40&md5=839dea1386bb3a81785d17177e458c70	SCOPUS
524	A., Todea, Anamaria; D.M., Dreava, Diana Maria; I.C., Benea, Ioana Cristina; I., Bîțcan, Ioan; F., Peter, Francisc; C.G., Boeriu, Carmen G.	Achievements and trends in biocatalytic synthesis of specialty polymers from biomass-derived monomers using lipases	Processes	9	4	10.3390/pr9040646	2021				2-s2.0-85104874121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104874121&doi=10.3390%2Fpr9040646&partnerID=40&md5=3b92dc394069e3d6368cde5ae9f8182a	SCOPUS
525	A.A., Nicolae, Andrei Alexandru; A., Korodi, Adrian; I., Silea, Ioan	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	Sensors	21	7	10.3390/s21072569	2021				2-s2.0-85103577587	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103577587&doi=10.3390%2Fs21072569&partnerID=40&md5=2c56b1689ab6a59853a3adb23bc92d7d	SCOPUS

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526	C.T., Albulescu, Claudiu Tiberiu; A.K., Tiwari, Aviral Kumar; P., Kyophilavong, Phouphet	Nonlinearities and chaos: A new analysis of CEE stock markets	Mathematics	9	7	10.3390/math9070707	2021				2-s2.0-85103316592	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103316592&doi=10.3390%2Fmath9070707&partnerID=40&md5=1aeb695e03898243af1c431e86a2a36	SCOPUS
527	L., Lupa, Lavinia; A., Filimon, Anca; A., Popa, Adriana; S.I., Dunca, Simona Isabela	Development of adsorbent materials based on functionalized copolymers with future applications as antibacterial agent in life quality and environmental field	Reactive and Functional Polymers	161		10.1016/j.reactfuncpolym.2021.104845	2021				2-s2.0-85102073273	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102073273&doi=10.1016%2Fj.reactfuncpolym.2021.104845&partnerID=40&md5=9bdc4e8e33c43ae155e1de1a855c0524	SCOPUS
528	V., Ungureanu, Viorel; I., Both, Ioan; M., Burcă, Mircea; B., Radu, Bogdan; C., Neagu, Calin; D., Dubină, Dan	Experimental and numerical investigations on built-up cold-formed steel beams using resistance spot welding	Thin-Walled Structures	161		10.1016/j.tws.2021.107456	2021				2-s2.0-85100385425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100385425&doi=10.1016%2Fj.tws.2021.107456&partnerID=40&md5=29758cf55179d1a28cdc5482be234d48	SCOPUS
529	N., Herisanu, Nicolae; V., Marinca, Vasile	An effective analytical approach to nonlinear free vibration of elastically actuated microtubes	Meccanica	56	4	10.1007/s11012-020-01235-w	2021	813	823	11	2-s2.0-85090084526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090084526&doi=10.1007%2Fs11012-020-01235-w&partnerID=40&md5=4e81f8e132d3388561d036e4e0f8d3f0	SCOPUS
530	M., Vajda, Melinda; D.H., Ursu, Daniel Horatiu; C., Mosoarca, Cristina; N.M., Duțeanu, Narcis Mihai; M., Miclău, Marinela	Experimental investigation of hydrogen insertion in copper oxide on photovoltaic performance of p-type dye-sensitized solar cell	International Journal of Energy Research	45	4	10.1002/er.6153	2021	5309	5317	9	2-s2.0-85093944268	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093944268&doi=10.1002%2Fer.6153&partnerID=40&md5=9e633ffdc152e0f2fecf1764f507d7cc	SCOPUS
531	L., Sbârcea, Laura; I.M., Tănase, Ionut Mihai; A., Ledeti, Adriana; D., Circioban, Denisa; G., Vlase, Gabriela; P., Barvinschi, Paul; M., Miclău, Marinela; R.M., Varut, Renata Maria; O.I., Suciu, Oana I.; I.V., Ledeti, Ionut Valentin	Risperidone/randomly methylated β -cyclodextrin inclusion complex—compatibility study with pharmaceutical excipients	Molecules	26	6	10.3390/molecules26061690	2021				2-s2.0-85103862552	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103862552&doi=10.3390%2Fmolecules26061690&partnerID=40&md5=7fc38db5a253c6611ed622ce3a2c48ab	SCOPUS

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532	R.F.T., Tiegam, Rufis Fregue Tagne; D.R., Tchuifon Tchuifon, Donald Raoul; R., Santagata, Remo; P.A., Kouteu Nanssou, Paul Alain; S.G., Anagho, Solomon Gabche; I.C., Ionel, Ioana C.; S., Ulgiati, Sergio	Production of activated carbon from cocoa pods: Investigating benefits and environmental impacts through analytical chemistry techniques and life cycle assessment	Journal of Cleaner Production	288		10.1016/j.jclepro.2020.125464	2021				2-s2.0-85098599261	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098599261&doi=10.1016%2Fj.jclepro.2020.125464&partnerID=40&md5=f1e6e94d7eb7b9af59400f3ef6b2b217	SCOPUS
533	F., Drăgan, Florin; C., Luo, Chaoping; L., Ivascu, Larisa; A., Ali, Majid	Assessing the Importance of Psychosocial Factors Associated With Sustainable Organizational Development During COVID-19	Frontiers in Psychology	12		10.3389/fpsyg.2021.647435	2021				2-s2.0-85103050572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103050572&doi=10.3389%2Fpsyg.2021.647435&partnerID=40&md5=2e855f458f261c4dc83595ed2963a579	SCOPUS
534	V., Gherheș, Vasile; S., Șimon, Simona; I., Para, Iulia	Analysing students' reasons for keeping their webcams on or off during online classes	Sustainability (Switzerland)	13	6	10.3390/su13063203	2021				2-s2.0-85103137204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103137204&doi=10.3390%2Fsu13063203&partnerID=40&md5=af096a1b0ee61535c23947a8e1118620	SCOPUS
535	S.A., Potra, Sabina Alina; A.P., Pugna, Adrian Pavel; M.D., Pop, Madalin Dorin; R.I., Negrea, Romeo Iosif; L.L., Dungan, Luisa Izabel	Facing covid-19 challenges: 1st-year students' experience with the romanian hybrid higher educational system	International Journal of Environmental Research and Public Health	18	6	10.3390/ijerph18063058	2021	1	15	15	2-s2.0-85102488776	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102488776&doi=10.3390%2Fijerph18063058&partnerID=40&md5=7963bb7f24f2693bc4f57a4f5d18870f	SCOPUS
536	D., Toader, Dumitru; M., Greconici, Marian; D., Vesa, Daniela; M., Vințan, Maria; C., Solea, Claudiu	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	Energies	14	5	10.3390/en14051330	2021				2-s2.0-85106259502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106259502&doi=10.3390%2Fen14051330&partnerID=40&md5=1a3ef04063f03301ab9e52648cabe6e8	SCOPUS
537	R.A., Szakal, Raul Alexandru; A., Doman, Alexandru; S., Muntean, Sebastian	Influence of the reshaped elbow on the unsteady pressure field in a simplified geometry of the draft tube	Energies	14	5	10.3390/en14051393	2021				2-s2.0-85106232100	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106232100&doi=10.3390%2Fen14051393&partnerID=40&md5=1b4641b10a3e8a64421377959eaa1454	SCOPUS
538	M., Cernicova-Buca, Mariana	Language preferences in romanian communication sciences journals: A web-based analysis	Publications	9	1	10.3390/publications9010011	2021				2-s2.0-85102951757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102951757&doi=10.3390%2Fpublications901011&partnerID=40&md5=63dae520264f9348ae6e538eff1690d2	SCOPUS

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539	D., Macii, David; D., Belega, Daniel; D., Petri, Dario	Ipdf-tuned estimation algorithms for pmus: Overview and performance comparison	Applied Sciences (Switzerland)	11	5	10.3390/app11052318	2021	1	22	22	2-s2.0-85102690104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102690104&doi=10.3390%2Fapp11052318&partnerID=40&md5=f151f0815a1a8464865c6843be70ab7a	SCOPUS
540	R., Blaga, Robert; D.G., Călinoiu, Delia Gabriela; M., Păulescu, Marius	A one-parameter family of clear-sky solar irradiance models adapted for different aerosol types	Journal of Renewable and Sustainable Energy	13	2	10.1063/5.0038619	2021				2-s2.0-85102501046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102501046&doi=10.1063%2F5.0038619&partnerID=40&md5=be426323024cfb6bf0c3fadf347590cc	SCOPUS
541	R., Voda, Raluca; S.C., Negrea, Sorina Claudia; C., Pocurariu, Cornelia; V.A., Surdu, Vasile Adrian; A.C., Ianculescu, Adelina Carmen; A., Pop, Aniela; F., Manea, Florica	Cubi2o4 synthesis, characterization and application in sensitive amperometric/voltammetric detection of amoxicillin in aqueous solutions	Nanomaterials	11	3	10.3390/nano11030740	2021	1	16	16	2-s2.0-85102425830	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102425830&doi=10.3390%2Fnano11030740&partnerID=40&md5=ec3d9a2c9d53f1475b4b77aaf8926863	SCOPUS
542	A.E., Segneanu, A. E.; M., Cepan, Melinda; A., Bobica, Adrian; I., Stanusoiu, Ionut; I.C., Dragomir, Ioan Cosmin; A.F., Părau, Andrei Florin; I., Grozescu, Ioan	Chemical screening of metabolites profile from romanian tuber spp.	Plants	10	3	10.3390/plants10030540	2021	1	17	17	2-s2.0-85102267622	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102267622&doi=10.3390%2Fplants10030540&partnerID=40&md5=2708af70abfde3d055b8b58aa9beaf57	SCOPUS
543	M., Cernicova-Buca, Mariana; A., Palea, Adina	An appraisal of communication practices demonstrated by romanian district public health authorities at the outbreak of the covid-19 pandemic	Sustainability (Switzerland)	13	5	10.3390/su13052500	2021	1	20	20	2-s2.0-85102245253	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102245253&doi=10.3390%2Fsu13052500&partnerID=40&md5=c16a6e496d2f4a7a3b4b219fb92519fa	SCOPUS
544	P., Foti, Pietro; N.M.J., Razavi, Nima M.J.; M.R., Ayatollahi, Majid R.; L., Marşavina, Liviu; F., Berto, Filippo	On the application of the volume free strain energy density method to blunt V-notches under mixed mode condition	Engineering Structures	230		10.1016/j.engstruct.2020.111716	2021				2-s2.0-85098737783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098737783&doi=10.1016%2Fj.engstruct.2020.111716&partnerID=40&md5=ed16ee359d68c11080de0bc892178c3c	SCOPUS

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545	A.L., Belc, Anda Ligia; I.O., Pop, Ion Octavian; F., Belc, Florin; C., Costescu, Ciprian; F., Fakhari-Tehrani, Fateh	Influence of warm mix additives on the low-temperature behavior of bitumen using the Bending Beam Rheometer (BBR)	Construction and Building Materials	273		10.1016/j.conbuildmat.2020.121682	2021				2-s2.0-85097046943	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097046943&doi=10.1016%2Fj.conbuildmat.2020.121682&partnerID=40&md5=a414ee4efe63d59802568c86add73875	SCOPUS
546	M.I., Abdullah, Muhammad Ibrahim; D., Huang, Dechun; M., Sarfraz, Muddassar; L., Ivascu, Larisa; A., Riaz, Amir	Effects of internal service quality on nurses' job satisfaction, commitment and performance: Mediating role of employee well-being	Nursing Open	8	2	10.1002/nop.2.665	2021	607	619	13	2-s2.0-85093695398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093695398&doi=10.1002%2Fnop.2.665&partnerID=40&md5=108292354772b82ca63e4be8bd0953de	SCOPUS
547	R.C., Roman, Raul Cristian; R.E., Precup, Radu Emil; E.M., Petriu, Emil M.	Hybrid data-driven fuzzy active disturbance rejection control for tower crane systems	European Journal of Control	58		10.1016/j.ejcon.2020.08.001	2021	373	387	15	2-s2.0-85090063154	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090063154&doi=10.1016%2Fj.ejcon.2020.08.001&partnerID=40&md5=ad5f466dc7a1a3529b70cd98ed659b92	SCOPUS
548	I.D., Borlea, Ioan Daniel; R.E., Precup, Radu Emil; A.B., Borlea, Alexandra Bianca; D.T., Iercan, Daniel T.	A Unified Form of Fuzzy C-Means and K-Means algorithms and its Partitional Implementation	Knowledge-Based Systems	214		10.1016/j.knosys.2020.106731	2021				2-s2.0-85098971383	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098971383&doi=10.1016%2Fj.knosys.2020.106731&partnerID=40&md5=337b6331c1f1342e1a451787901e074	SCOPUS
549	L., Părvulescu, Lucian; D.I., Stoia, Dan Ioan; K., Miok, Kristian; M.C., Ion, Mihaela Constanța; A.E., Puha, Adela Estera; M., Sterie, Melania; M., Vereș, Mihajel; I., Marcu, Ioan; D.M., Muntean, Danina Mirela; O.M., Aburel, Oana Maria	Force and Boldness: Cumulative Assets of a Successful Crayfish Invader	Frontiers in Ecology and Evolution	9		10.3389/fevo.2021.581247	2021				2-s2.0-85101317098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101317098&doi=10.3389%2Ffevo.2021.581247&partnerID=40&md5=812481943b6014b103a304be78a1e851	SCOPUS
550	R.N., Rotar, Raul Nicolae; S.L., Jurj, Sorin Liviu; F., Oprițoiu, Flavius; M., Vlăduțiu, Mircea	Fault coverage-aware metrics for evaluating the reliability factor of solar tracking systems	Energies	14	4	10.3390/en14041074	2021				2-s2.0-85106277445	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106277445&doi=10.3390%2Fen14041074&partnerID=40&md5=ed16c52aad6c509154f4d91a259a9172	SCOPUS

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551	M.B., Radac, Mircea Bogdan; A.I., Borlea, Anamaria Ioana	Virtual state feedback reference tuning and value iteration reinforcement learning for unknown observable systems control	Energies	14	4	10.3390/en14041006	2021				2-s2.0-85106234228	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106234228&doi=10.3390%2Fen14041006&partnerID=40&md5=e8f35dc4164f4e00466f237bf53ae5b0	SCOPUS
552	O.A., Grad, Oana Alexandra; M., Ciopec, Mihaela; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; R., Voda, Raluca	Evaluation of performance of functionalized amberlite xad7 with dibenzo-18-crown ether-6 for palladium recovery	Materials	14	4	10.3390/ma14041003	2021	1	17	17	2-s2.0-85101918890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101918890&doi=10.3390%2Fma14041003&partnerID=40&md5=977ec4c74bac5a30ecde38cb96524fd8	SCOPUS
553	F., Covaciu, F.; A., Pislă, Adrian; A.E., Iordan, Anca Elena	Development of a virtual reality simulator for an intelligent robotic system used in ankle rehabilitation	Sensors	21	4	10.3390/s21041537	2021	1	17	17	2-s2.0-85101323906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101323906&doi=10.3390%2Fs21041537&partnerID=40&md5=4681cf78ca3e054cf9be364eeafeb64	SCOPUS
554	A., Ioana, Alexandru; C., Burlacu, Camelia; A., Korodi, Adrian	Approaching OPC UA publish–subscribe in the context of UDP-based multi-channel communication and image transmission	Sensors	21	4	10.3390/s21041296	2021	1	19	19	2-s2.0-85100693007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100693007&doi=10.3390%2Fs21041296&partnerID=40&md5=cbe35d00eb6fd3ce16c0761ea42ec77e	SCOPUS
555	C., Bădăluța-Minda, Codruța; M.V., Herbei, Mihai Valentin	Assesment of water resources using landsat satellite imagery	Environmental Engineering and Management Journal	20	2	10.30638/eemj.2021.030	2021	301	308	8	2-s2.0-85102120474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102120474&doi=10.30638%2Feemj.2021.030&partnerID=40&md5=5f24ca58e8accaadda48098e97291169	SCOPUS
556	D.F., Nica, Diana Florina; M., Riviș, Mircea; C.I., Roi, Ciprian I.; C.D., Todea, Carmen Darinca; V.F., Duma, Virgil-Florin Florin; C., Sinescu, Cosmin	Complementarity of photo-biomodulation, surgical treatment, and antibiotherapy for medication-related osteonecrosis of the jaws (Mronj)	Medicina (Lithuania)	57	2	10.3390/medicina57020145	2021	1	14	14	2-s2.0-85100798743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100798743&doi=10.3390%2Fmedicina57020145&partnerID=40&md5=0c32a97ab4fd6731f3bec05f00b3c21e	SCOPUS

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557	C., Ianăși, Cătălin; P., Ianasi, Paula; A., Negrea, Adina; M., Ciopec, Mihaela; O.I., Ivankov, O. I.; A.I., Kuklin, Alexander Ivanovich; L., Almásy, László; A.M., Lacrămă, Ana Maria	Effects of catalysts on structural and adsorptive properties of iron oxide-silica nanocomposites	Korean Journal of Chemical Engineering	38	2	10.1007/s11814-020-0675-2	2021	292	305	14	2-s2.0-85100555872	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100555872&doi=10.1007%2Fs11814-020-0675-2&partnerID=40&md5=9d111ba7818b7e26439e1c2c23243fb8	SCOPUS
558	G., Epasto, Gabriella; F., Distefano, Fabio; H., Mozafari, Hozabr; E., Linul, Emanoil; V., Crupi, Vincenzo	Nondestructive evaluation of aluminium foam panels subjected to impact loading	Applied Sciences (Switzerland)	11	3	10.3390/app11031148	2021	1	18	18	2-s2.0-85100101020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100101020&doi=10.3390%2Fapp11031148&partnerID=40&md5=7ff6f37aa47aa2a039ff0e0d5f9f45f6	SCOPUS
559	A.M., Lacrămă, Ana Maria; M., Ciopec, Mihaela; A., Negrea, Adina; O.A., Grad, Oana Alexandra; C., Ianăși, Cătălin; O.I., Ivankov, O. I.; M.M., Milanović, Marija M.; I., Stijepović, Ivan; L., Almásy, László	Comparison of structure and adsorption properties of mesoporous silica functionalized with aminopropyl groups by the co-condensation and the post grafting methods	Materials	14	3	10.3390/ma14030628	2021	1	19	19	2-s2.0-85100088000	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100088000&doi=10.3390%2Fma14030628&partnerID=40&md5=62cf00bce0c92d88d474c170acede216f	SCOPUS
560	D.M., Dreava, Diana Maria; I.C., Benea, Ioana Cristina; I., Bitcan, Ioan; A., Todea, Anamaria; E., Sisu, Eugen; M., Puiu, Maria; F., Peter, Francisc	Biocatalytic approach for novel functional oligoesters of ϵ -caprolactone and malic acid	Processes	9	2	10.3390/pr9020232	2021	1	16	16	2-s2.0-85100078008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100078008&doi=10.3390%2Fpr9020232&partnerID=40&md5=c4e927fc3342ae363922adeae3e81d2e	SCOPUS
561	R., Hálbac-Cotoară-Zamfir, Rareș; G., Egidi, Gianluca; R., Salvia, Rosanna; L., Salvati, Luca; A., Sateriano, Adele; A., Giménez-Morera, Antonio	Recession, local fertility, and urban sustainability: Results of a quasi-experiment in greece, 1991–2018	Sustainability (Switzerland)	13	3	10.3390/su13031052	2021	1	18	18	2-s2.0-85099977681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099977681&doi=10.3390%2Fsu13031052&partnerID=40&md5=afe0833276d45664653096726e22e027	SCOPUS
562	M., Gheju, Marius; I., Balcu, Ionel	Sequential abatement of Feii and Crvi water pollution by use of walnut shell-based adsorbents	Processes	9	2	10.3390/pr9020218	2021	1	21	21	2-s2.0-85099968652	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099968652&doi=10.3390%2Fpr9020218&partnerID=40&md5=5c455207c05dda5f36b0c318b3f4df93	SCOPUS

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563	R., Bogdan, Razvan; A., Tatu, Alin; M.M., Crișan-Vida, Mihaela Marcella; M., Popa, Mircea; L., Stoicu-Tivadar, Lăcrămoara	A practical experience on the amazon alexa integration in smart offices	Sensors	21	3	10.3390/s21030734	2021	1	21	21	2-s2.0-85099677182	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099677182&doi=10.3390%2Fs21030734&partnerID=40&md5=24c046c05539e31ca719d974ba92afff	SCOPUS
564	A., Forton, Andrei; S., Mangiafico, Salvatore; C., Sauzéat, Cédric; H., Di Benedetto, Herve; P., Marc, Paul	Steady shear viscosity of blends of fresh and RAP binders with rejuvenator: Experimental and estimated results	Construction and Building Materials	269		10.1016/j.conbuildmat.2020.121236	2021				2-s2.0-85094167078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094167078&doi=10.1016%2Fj.conbuildmat.2020.121236&partnerID=40&md5=4b959224ca130e5b33c71698e47cc9c3	SCOPUS
565	M., Glevitzky, Mirel; L., Aleya, Lotfi; M.L., Vică, Mihaela Laura; G.A., Dumitrel, Gabriela Alina; M., Avram, Mariana; D.M., Țiț, Delia Mirela; M., Popa, Maria; V.C., Popa, Viorel Cristian; T., Behl, Tapan; S.G., Bungau, Simona Gabriela	Assessing the microbiological contamination along with environmental factors of old books in the 1490-founded Bistrița Monastery, Romania	Environmental Science and Pollution Research	28	7	10.1007/s11356-020-11170-8	2021	8743	8757	15	2-s2.0-85092913703	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092913703&doi=10.1007%2Fs11356-020-11170-8&partnerID=40&md5=73ead419eb62a008e3e95f646a135c36	SCOPUS
566	M., Osaci, Mihaela; M., Cacciola, Matteo	About the influence of the colloidal magnetic nanoparticles coating on the specific loss power in magnetic hyperthermia	Journal of Magnetism and Magnetic Materials	519		10.1016/j.jmmm.2020.167451	2021				2-s2.0-85092493743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092493743&doi=10.1016%2Fj.jmmm.2020.167451&partnerID=40&md5=8e3ba1c8a8de1374c7e397fd5bf20a0	SCOPUS
567	G.N., Cârstoiu, Gabriel N.; M.V., Micea, Mihai Victor; L., Ungurean, Lucian; M.G., Marcu, Marius George	Novel battery wear leveling method for large-scale reconfigurable battery packs	International Journal of Energy Research	45	2	10.1002/er.5879	2021	1932	1947	16	2-s2.0-85090316397	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090316397&doi=10.1002%2Fer.5879&partnerID=40&md5=24e99dd22bc92c7141daa5367145bb97	SCOPUS
568	G., Moza, Gheorghe; C., Lăzureanu, Cristian; F., Munteanu, Florian; C., Șterbeți, Cătălin; A., Florea, Aurelia	Analysis of a class of Kolmogorov systems	Nonlinear Analysis: Real World Applications	57		10.1016/j.nonrwa.2020.103202	2021				2-s2.0-85089663723	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089663723&doi=10.1016%2Fj.nonrwa.2020.103202&partnerID=40&md5=929b87bfc9fd58120f3eae2d5827bd	SCOPUS

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569	D., Gurban, Daniela	Radial non-potential Dirichlet systems with mean curvature operator in Minkowski space	Positivity	25	1	10.1007/s11117-020-00751-z	2021	109	119	11	2-s2.0-85083389756	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083389756&doi=10.1007%2Fs11117-020-00751-z&partnerID=40&md5=0b9e4007a6f6dd759e71722ff4770183	SCOPUS
570	N., Kazamer, Norbert; P.C., Vălean, Petru Cristian; D.T., Pascal, Dragoș Toader; R., Muntean, Roxana; G.M., Marginean, Gabriela M.; V.A., Serban, Viorel Aurel	Development, optimization, and characterization of NiCrBSi-TiB2 flame-sprayed vacuum fused coatings	Surface and Coatings Technology	406		10.1016/j.surfcoat.2020.126747	2021				2-s2.0-85097739682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097739682&doi=10.1016%2Fj.surfcoat.2020.126747&partnerID=40&md5=f3c990908bf27856ff399fb3e7106ed3	SCOPUS
571	A.P., Pugna, Adrian Pavel; S.A., Potra, Sabina Alina; R.I., Negrea, Romeo Iosif	A strategic decision making tool for new product and service design	Management Decision	59	2	10.1108/MD-01-2019-0110	2021	406	425	20	2-s2.0-85083565430	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083565430&doi=10.1108%2FMD-01-2019-0110&partnerID=40&md5=674ffa5cb30544f004f8ebb23677cd67	SCOPUS
572	C.G.H., Turc, Cristian Gheorghe H.; C., Cărașu, Constantin; G., Belgiu, George	Selection of subtractive manufacturing technology versus additive manufacturing technology for rapid prototyping of a polymeric product	Materiale Plastice	57	4	10.37358/MP.20.4.5434	2021	343	352	10	2-s2.0-85100179757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100179757&doi=10.37358%2FMP.20.4.5434&partnerID=40&md5=98d92398cd779417258c1a31a0ff3343	SCOPUS
573	I., Kiss, Imre; I., Bordeasu, Ilare; A.M., Baci, Andrei Mihai; V., Alexa, Vasile; V.G.G., Cioată, Vasile George George; G.V., Ursu-Neamț, Gabriel Vasile	Comparative analysis on use of polymer fibres from recycled polyethylene terephthalate into reinforced concrete solutions	Materiale Plastice	57	4	10.37358/MP.20.4.5421	2021	216	224	9	2-s2.0-85100133562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100133562&doi=10.37358%2FMP.20.4.5421&partnerID=40&md5=a6b217f57f761b4637b61be976f2e7585	SCOPUS
574	I., Kiss, Imre	Comparative Study on the In-Ladle Treatment Techniques for Nodulizing the Iron's Graphite	Tehnicki Glasnik	15	4	10.31803/tg-20210209111953	2021	504	509	6	2-s2.0-85147521739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147521739&doi=10.31803%2Ftg-20210209111953&partnerID=40&md5=66674556a84f5aedd390486e7b6ac44d	SCOPUS

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575	G., Moza, Gheorghe; D.M., Constantinescu, Dana M.; X., Zhang, Xiang	Coexistence of chaotic attractor and unstable limit cycles in a 3D dynamical system	Open Research Europe	1		10.12688/openreseurope.13590.1	2021				2-s2.0-85141961674	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141961674&doi=10.12688%2Fopenreseurope.13590.1&partnerID=40&md5=d62f18e9a7ff9d779054a67261ea49f8	SCOPUS
576	M., Moșoarcă, Marius; I., Onescu, Iasmina; A.I., Keller, Alexandra Iasmina	Simplified Vulnerability Assessment Methodologies for Historic Structures in the Banat Seismic Area; Metodologii simplificate de evaluare a vulnerabilității structurilor istorice din zona seismică Banat	Transsylvania Nostra	2021	1		2021	46	54	9	2-s2.0-85136549599	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136549599&partnerID=40&md5=d42e41c44fdb7607d6b6e50358b3b517	SCOPUS
577	I., Kiss, Imre	Multi-Component Statistical Research in the area of Half-Hard Cast Iron Roll Manufacturing	Acta Polytechnica Hungarica	18	10	10.12700/APH.18.10.2021.10.6	2021	113	133	21	2-s2.0-85135976180	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135976180&doi=10.12700%2FAPH.18.10.2021.10.6&partnerID=40&md5=86d33b2529b6e6eff94bdbc7745c7ce4	SCOPUS
578	R.R., Rusu, Raluca Ramona; A., Ciobotă, Alexandru; C.M., Ivascu, Cosmin Marius; A., Floca, Alina	The Landscape of the Historical Monument – Between Cultural Realities and Idealization LANDSCAPE ANALYSIS – FORTIFICATIONS OF SIGHIȘOARA FORTRESS; Peisajul monumentului istoric – între realități culturale și idealizare: ANALIZĂ DE PEISAJ FORTIFICAȚIILE CETĂȚII SIGHIȘOARA	Transsylvania Nostra	2021	3		2021	15	32	18	2-s2.0-85128378608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128378608&partnerID=40&md5=71dd1ae687a8dac378bc80af608ec2bd	SCOPUS
579	R.E., Precup, Radu Emil; C.A., Bojan-Dragos, Claudia Adina; E.L., Hedrea, Elena Lorena; R.C., Roman, Raul Cristian; E.M., Petriu, Emil M.	Evolving Fuzzy Models of Shape Memory Alloy Wire Actuators	Romanian Journal of Information Science and Technology	24	4		2021	353	365	13	2-s2.0-85125756668	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125756668&partnerID=40&md5=fda1956bd39ef31c2630de6f244dabb5	SCOPUS
580	A.E., Cioabla, Adrian Eugen; L.V., Ordodi, Laurențiu Valentin; G.I., Rusu, Gerlinde I.	CHEMICAL AND THERMOGRAVIMETRY ANALYSIS FOR MUNICIPAL WASTE SLUDGE – CASE SCENARIO ANALYSIS	Studia Universitatis Babes-Bolyai Chemia	66	4	10.24193/subbchem.2021.4.20	2021	277	282	6	2-s2.0-85125080715	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125080715&doi=10.24193%2Fsubbchem.2021.4.20&partnerID=40&md5=536374b36f53064044c1f21638766544	SCOPUS

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581	A., Manea, Adela; A., Tămaș, Andra; S.V., Nițu, Sabina Violeta; D.M., Perju, Delia Maria	THE STUDY OF THE RHEOLOGICAL BEHAVIOR AND THE OXIDATION STABILITY OF SOME COSMETIC EMULSIONS	Studia Universitatis Babes-Bolyai Chemia	66	4	10.24193/subbchem.2021.4.21	2021	283	295	13	2-s2.0-85125044194	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125044194&doi=10.24193%2Fsubbchem.2021.4.21&partnerID=40&md5=04622e4e51dedd0d9b007cb981c08169	SCOPUS
582	S.M., Ardelean, Sebastian Mihai; M., Udrescu, Mihai	Graph coloring using the reduced quantum genetic algorithm	PeerJ Computer Science	7		10.7717/PEERJ-CS.836	2021				2-s2.0-85123454938	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123454938&doi=10.7717%2FPEERJ-CS.836&partnerID=40&md5=c65eac00e697245d9e9d0b33645c94	SCOPUS
583	M., Mohsin, Muhammad; S., Naseem, Sobia; L., Ivascu, Larisa; L.I., Cioca, Lucian Ionel; M., Sarfraz, Muddassar; N.C., Stănică, Nicolae Cristian	GAUGING THE EFFECT OF INVESTOR SENTIMENT ON CRYPTOCURRENCY MARKET: AN ANALYSIS OF BITCOIN CURRENCY	Romanian Journal of Economic Forecasting	24	4		2021	87	102	16	2-s2.0-85123182718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123182718&partnerID=40&md5=0bd54c19d8ab6ac7a1800523bb891d8a	SCOPUS
584	M., Sarfraz, Muddassar; L., Ivascu, Larisa; K.F., Khawaja, Kausar Fiaz; A.V., Vevera, Adrian Victor; F., Drăgan, Florin	ICT Revolution from Traditional Office to Virtual Office: A Study on Teleworking During the COVID-19 Pandemic	Studies in Informatics and Control	30	4	10.24846/V30I4Y202107	2021	77	86	10	2-s2.0-85123070195	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123070195&doi=10.24846%2FV30I4Y202107&partnerID=40&md5=716b042a391dcae9ec08653d3a4bb539	SCOPUS
585	M., Sarfraz, Muddassar; L., Ivascu, Larisa; I., Ozturk, Ilknur	Why does abusive leadership lead to employee silence? The mediating role of perceived insider status and psychological safety	International Journal of Work Organisation and Emotion	12	3	10.1504/IJWOE.2021.118998	2021	268	282	15	2-s2.0-85119658659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119658659&doi=10.1504%2FIJWOE.2021.118998&partnerID=40&md5=2788be2417c50ab44a97b8d795ab0d18	SCOPUS
586	S., Șimon, Simona; C.E., Stoian, Claudia Elena; A., Dejica-Cartis, Anca; A., Kriston, Andrea	The Use of Anglicisms in the Field of Education: A Comparative Analysis of Romanian, German, and French	SAGE Open	11	4	10.1177/21582440211053241	2021				2-s2.0-85119437707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119437707&doi=10.1177%2F21582440211053241&partnerID=40&md5=b30b7b2426e3a99ba113219adb9a735	SCOPUS
587	M.A.U., Rehman, Muhammad Ateeq Ur; S.G.M., Shah, Syed Ghulam Meran; L.I., Cioca, Lucian Ionel; A.E., Artene, Alin Emanuel	Accentuating the impacts of political news on the stock price, working capital and performance: An empirical review of emerging economy	Romanian Journal of Economic Forecasting	24	2		2021	55	73	19	2-s2.0-85115347813	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115347813&partnerID=40&md5=d6d465660fe8bf04dd14992b34297741	SCOPUS

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588	L.M., Goguță, Luciana Maria; D., Lungeanu, Diana; R.M., Negru, Radu Marcel; M.I., Birdeanu, Mihaela Ionela; A., Jivănescu, Anca; C., Sinescu, Cosmin	Selective laser sintering versus selective laser melting and computer aided design – computer aided manufacturing in double crowns retention	Journal of Prosthodontic Research	65	3	10.2186/JPR.JPOR_2019_556	2021	371	378	8	2-s2.0-85114425288	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114425288&doi=10.2186%2FJPR.JPOR_2019_556&partnerID=40&md5=6c7f19a31fe657855b60aedd443984e	SCOPUS
589	C.T., Albulescu, Claudiu Tiberiu; S., Miclea, Serban	How does the national human capital index influence the total factor productivity of the Romanian RD firms?	Human Systems Management	40	4	10.3233/HSM-201033	2021	513	518	6	2-s2.0-85111255074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111255074&doi=10.3233%2FHSM-201033&partnerID=40&md5=5286c5a1077a1d37d86937c309637793	SCOPUS
590	L.T., Avram, Liane Tabitha; L.M., Goguță, Luciana Maria; S.V., Galațanu, Sergiu Valentin; C.F., Opreș, Carmen Firu; C.E., Ilie, Codruța Eliza; A., Jivănescu, Anca	Material thickness influence on fracture load of polymer infiltrated ceramic network CAD/CAM restorations	Materiale Plastice	58	2	10.37358/MP.21.2.5473	2021	8	17	10	2-s2.0-85111081513	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111081513&doi=10.37358%2FMP.21.2.5473&partnerID=40&md5=c9702f3ef6d6fe9f33bbeef57b8b16e6f	SCOPUS
591	M., Sava, Marcela	Composite materials behaviour. Study, development and implementation of the hypoelastic model	Materiale Plastice	58	2	10.37358/MP.21.2.5488	2021	167	175	9	2-s2.0-85111080772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111080772&doi=10.37358%2FMP.21.2.5488&partnerID=40&md5=c674ff99242c19d2fd05cbece65f4dc7e	SCOPUS
592	A.E., Moacă, Alina Elena; C.G., Watz, Claudia Geanina; V.M., Socoliuc, Vlad Mircea; R., Racoviceanu, Roxana; C., Păcurariu, Cornelia; R., Ianoș, Robert; S., Cîntă Pinzaru, S.; L., Barbu-Tudoran, Lucian; F., Nekvapil, Fran; S., Iurciuc, Stela	Biocompatible magnetic colloidal suspension used as a tool for localized hyperthermia in human breast adenocarcinoma cells: Physicochemical analysis and complex in vitro biological profile	Nanomaterials	11	5	10.3390/nano11051189	2021				2-s2.0-85109191003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109191003&doi=10.3390%2Fnano11051189&partnerID=40&md5=d6113119dac15d6772098feb2f28f6e3	SCOPUS
593	S.G., Șerban, Sorina Gabriela; I., Kiss, Imre	Superior recovery by pelletization of landfilled industry and mining related fine and small size iron containing waste	Acta Polytechnica Hungarica	18	6	10.12700/APH.18.6.2021.6.13	2021	233	256	24	2-s2.0-85109024143	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109024143&doi=10.12700%2FAPH.18.6.2021.6.13&partnerID=40&md5=dc966c3ef8b615d5fce52697dbed5cd6	SCOPUS

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594	S.G., Șerban, Sorina Gabriela; I., Kiss, Imre	Identifying the Possibilities for Superior Recovery by Pelletization of Industry Related Small and Powdery Iron Containing Waste	Acta Polytechnica Hungarica	18	4	10.12700/APH.18.4.2021.4.5	2021	79	104	26	2-s2.0-85108995972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108995972&doi=10.12700%2FAPH.18.4.2021.4.5&partnerID=40&md5=6beac6e7262dc410ff21f0a68ea2ed6a	SCOPUS
595	S.A., Mihaicuta, Stefan A.; L., Udrescu, Lucreția; M., Udrescu, Mihai; I.A., Toth, Izabella Anita; A., Topirceanu, Alexandru; R., Pleava, Roxana; C.L., Ardelean, Carmen Loredana	Analyzing neck circumference as an indicator of CPAP treatment response in obstructive sleep apnea with network medicine	Diagnostics	11	1	10.3390/diagnostics11010086	2021				2-s2.0-85108606944	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108606944&doi=10.3390%2Fdiagnostics11010086&partnerID=40&md5=4b83fa351a76feb247ff9a2c9ccfb10	SCOPUS
596	A., Formisano, Antonio; N., Chieffo, Nicola; F., Clementi, Francesco; M., Moșoarcă, Marius	Influence of local site effects on the typological fragility curves for class-oriented masonry buildings in aggregate condition	Open Civil Engineering Journal	15		10.2174/1874149502115010149	2021	149	164	16	2-s2.0-85107203806	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107203806&doi=10.2174%2F1874149502115010149&partnerID=40&md5=ddaa45c1cc48d4ee8d60d69b160b0191	SCOPUS
597	M.M., Fabricky, Mihai M.C.; A.G., Gabor, Alin Gabriel; R.A., Milutinovici, Raluca Adriana; C.G., Watz, Claudia Geanina; Ș.F., Avram, Ștefana F.; G.A., Draghici, George Andrei; C.V., Mihali, Ciprian Valentin; A.E., Moacă, Alina Elena; C.A., Dehelean, Cristina Adriana; A., Gălușcan, Atena	Scaffold-type structure dental ceramics with different compositions evaluated through physicochemical characteristics and biosecurity profiles	Materials	14	9	10.3390/ma14092266	2021				2-s2.0-85106943837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106943837&doi=10.3390%2Fma14092266&partnerID=40&md5=2ff33b6cad8cf3a7165805ad40ce2930	SCOPUS
598	S.C., Negrea, Sorina Claudia; A., Baci, Anamaria; R., Voda, Raluca; F., Manea, Florica	Electrochemical detection of tetracycline as emergent pollutant in water using carbon nanofiber-CoAl2O4 electrode	Environmental Engineering and Management Journal	20	3	10.30638/EEMJ.2021.044	2021	449	458	10	2-s2.0-85106580024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106580024&doi=10.30638%2FEEMJ.2021.044&partnerID=40&md5=8bdcd67a8a133ff3d588f5e718ccc333	SCOPUS
599	S., Motoc, Sorina; C., Ianăși, Cătălin; A., Baci, Anamaria; C., Delcioiu, Claudia; L., Sacarescu, L.; A.M., Lăcrămă, Ana Maria; F., Manea, Florica	Humic acid removal from water by sorption and photocatalysis under vis irradiation using Fe2O3/silica nanocomposite	Environmental Engineering and Management Journal	20	3	10.30638/EEMJ.2021.033	2021	335	345	11	2-s2.0-85106564757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106564757&doi=10.30638%2FEEMJ.2021.033&partnerID=40&md5=bbbfc133a2ef207d076828dc3695657d	SCOPUS

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600	G.N., Popa, Gabriel Nicolae; A., Iagar, Angela; C.M., Diniș, Corina Maria	Considerations on current and voltage unbalance of nonlinear loads in residential and educational sectors	Energies	14	1	10.3390/en14010102	2021				2-s2.0-85106195599	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106195599&doi=10.3390%2Fen14010102&partnerID=40&md5=4dd2ab4c5c848551e7379f45102d0b90	SCOPUS
601	M.O., Pricop, Marius Octavian; S., Talpos-Niculescu, Serban; C., Cuzic, Cristiana; H.C., Urechescu, Horațiu Constantin; C.A., Szuhanek, Camelia Alexandrina; M., Mateas, Marius	Cotton fibers in acrylic facial epithesis - A thermal analyze during heat exposure	Materiale Plastice	58	1	10.37358/MP.21.1.5449	2021	99	105	7	2-s2.0-85104961692	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104961692&doi=10.37358%2FMP.21.1.5449&partnerID=40&md5=4969b7f1b546ce9d73cdb1d989a205d1	SCOPUS
602	A.C., Zgaverdea, Alina Corina; S.A., Rațiu, Sorin Aurel	“Green Carbon” from algae for automotive applications	Materiale Plastice	58	1	10.37358/MP.21.1.5458	2021	186	200	15	2-s2.0-85104934308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104934308&doi=10.37358%2FMP.21.1.5458&partnerID=40&md5=4e1f4b91829feb6fad1f31a56af954fa	SCOPUS
603	S., Stancu, Stelian; E., Grecu, Eugenia; M.I., Aceleanu, Mirela Ionela; D.L., Trașcă, Daniela Livia; C.T., Albulescu, Claudiu Tiberiu	. Does firm size matters for firm growth? evidence from the romanian health sector	Romanian Journal of Economic Forecasting	24	1		2021	17	31	15	2-s2.0-85104933608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104933608&partnerID=40&md5=768bec695cd715481b8eba079cd910b7	SCOPUS
604	D.I., Stoia, Dan Ioan; C., Vigar, Cosmina; C.F., Opreș, Carmen Firu; M.L., Vasilescu, Marius Lucian	Properties and medical applications of biocompatible polyamide in additive manufacturing	Materiale Plastice	58	1	10.37358/MP.21.1.5451	2021	113	120	8	2-s2.0-85104929749	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104929749&doi=10.37358%2FMP.21.1.5451&partnerID=40&md5=57fd56e6833a5d81ed82eaa5f8adb6	SCOPUS
605	S., Boran, Sorina; G.E., Moșoarcă, Giannin Emanuel; S.V., Nițu, Sabina Violeta; C., Vancea, Cosmin	Citrus butanol esters having plasticizing and lubricant characteristics obtained in a bubble column type reactor	Studia Universitatis Babes-Bolyai Chemia	66	1	10.24193/subbchem.2021.1.08	2021	105	113	9	2-s2.0-85104821337	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104821337&doi=10.24193%2Fsubbchem.2021.1.08&partnerID=40&md5=c7a8343d3377f12093f5ab64e46dad	SCOPUS
606	R.E., Precup, Radu Emil; R.C., David, Radu Codruț; R.C., Roman, Raul Cristian; E.M., Petriu, Emil M.; A.I., Szedlak-Stinean, Alexandra Iulia	Slime mould algorithm-based tuning of cost-effective fuzzy controllers for servo systems	International Journal of Computational Intelligence Systems	14	1	10.2991/ijcis.d.210309.001	2021	1042	1052	11	2-s2.0-85104642724	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104642724&doi=10.2991%2Fijcis.d.210309.001&partnerID=40&md5=087d398b11aec6ce6da1395cf5abacd6	SCOPUS

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607	A., Forton, Andrei; S., Mangiafico, Salvatore; C., Sauzéat, Cédric; H., Di Benedetto, Herve; P., Marc, Paul	Behaviour of binder blends: experimental results and modelling from LVE properties of pure binder, RAP binder and rejuvenator	Road Materials and Pavement Design	22		10.1080/14680629.2021.1905699	2021				2-s2.0-85103591717	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103591717&doi=10.1080%2F14680629.2021.1905699&partnerID=40&md5=dd87bb19e8bc614046ed27ccbc97d66d	SCOPUS
608	C., Petroman, Cornelia; G., Popescu, Gabriela; R.N., Szakal, Raymond Nandy; V., Păunescu, Virgil; L.P., Drăghia, Lavinia Paula; G.S., Bujancă, Gabriel Stelian; C.A., Chirila, Cosmina Andrea; D.I., Hădărugă, Daniel Ioan; L., Văduva, Loredana; N.G., Hădărugă, Nicoleta Gabriela	Fatty acid profile of lipid fractions of mangelitza (Sus scrofa domesticus) from northern romania: A GC-MS-PCA approach	Foods	10	2	10.3390/foods10020242	2021				2-s2.0-85103046025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103046025&doi=10.3390%2Ffoods10020242&partnerID=40&md5=84331ed2a0471831563d634a0875fea0	SCOPUS
609	M., Osaci, Mihaela	Influence of damping constant on models of magnetic hyperthermia	Acta Physica Polonica A	139	1	10.12693/APhysPolA.139.51	2021	51	55	5	2-s2.0-85102553899	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102553899&doi=10.12693%2FAPhysPolA.139.51&partnerID=40&md5=0e98715d94a65a281c99d32581ee7eb0	SCOPUS
610	R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian; E.L., Hedrea, Elena Lorena; E.M., Petriu, Emil M.; C.A., Bojan-Dragos, Claudia Adina	Data-Driven Model-Free Sliding Mode and Fuzzy Control with Experimental Validation	International Journal of Computers, Communications and Control	16	1	10.15837/ijccc.2021.1.4076	2021	1	17	17	2-s2.0-85101373637	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101373637&doi=10.15837%2Fijccc.2021.1.4076&partnerID=40&md5=36b6cf515d67d771e69ff8f6a2c8390	SCOPUS
611	C.M., Dragan, Cristina Mihaela; D.V., Lelea, Dorin V.	Thermal Design Optimization of the Printed Circuit Board through Area Reduction	Heat Transfer Engineering	43		10.1080/01457632.2021.1874654	2021	248	256	9	2-s2.0-85100237441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100237441&doi=10.1080%2F01457632.2021.1874654&partnerID=40&md5=ea88687f2699743738ef9e1e05894da2	SCOPUS
612	D., Bajas, Dorothea; G., Vlase, Gabriela; M., Mateescu, Mădălina; O.A., Grad, Oana Alexandra; O.M., Bunoiiu, Octavian Mădălin; T., Vlase, T.; C., Avram, Claudiu	Formulation and characterization of alginate-based membranes for the potential transdermal delivery of methotrexate	Polymers	13	1	10.3390/polym13010161	2021	1	18	18	2-s2.0-85099016355	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099016355&doi=10.3390%2Fpolym13010161&partnerID=40&md5=12af1c7bcd73f5eb6f5394861bab0348	SCOPUS

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613	G., Ilia, Gheorge; V., Simulescu, Vasile; I., Hulka, Iosif	Hybrids containing zirconium and phosphorus compounds obtained by sol-gel method	Colloid and Polymer Science	299	1	10.1007/s00396-020-04780-8	2021	137	151	15	2-s2.0-85095585367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095585367&doi=10.1007%2Fs00396-020-04780-8&partnerID=40&md5=9ec4ced1e4d127787d3539cb311e0315	SCOPUS
614	S.G.M., Shah, Syed Ghulam Meran; M., Sarfraz, Muddassar; L., Ivascu, Larisa	Assessing the interrelationship corporate environmental responsibility, innovative strategies, cognitive and hierarchical CEO: A stakeholder theory perspective	Corporate Social Responsibility and Environmental Management	28	1	10.1002/csr.2061	2021	457	473	17	2-s2.0-85092382743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092382743&doi=10.1002%2Fcsr.2061&partnerID=40&md5=704debd202a0d56801a6df0e1484b9a	SCOPUS
615	R., Brighenti, Roberto; M.P., Cosma, Mattia Pancrazio; L., Marșavina, Liviu; A., Spagnoli, Andrea; M., Terzano, Michele	Laser-based additively manufactured polymers: a review on processes and mechanical models	Journal of Materials Science	56	2	10.1007/s10853-020-05254-6	2021	961	998	38	2-s2.0-85091724543	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091724543&doi=10.1007%2Fs10853-020-05254-6&partnerID=40&md5=127fd225bf47ed2fc7f089d515427a62	SCOPUS
616	C.T., Albulescu, Claudiu Tiberiu	COVID-19 and the United States financial markets' volatility	Finance Research Letters	38		10.1016/j.frl.2020.101699	2021				2-s2.0-85088996940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088996940&doi=10.1016%2Fj.frl.2020.101699&partnerID=40&md5=be3f7b20883178a7432ecd7384011649	SCOPUS
617	D.A., Șerban, D. A.; R.M., Negru, Radu Marcel; S., Sărăndan, Sorin; G., Belgiu, George; L., Marșavina, Liviu	Numerical and experimental investigations on the mechanical properties of cellular structures with open Kelvin cells	Mechanics of Advanced Materials and Structures	28	13	10.1080/15376494.2019.1669093	2021	1367	1376	10	2-s2.0-85074595742	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074595742&doi=10.1080%2F15376494.2019.1669093&partnerID=40&md5=a71c35c431c360ccc4a5183e9396a826	SCOPUS
618	N., Chieffo, Nicola; A., Formisano, Antonio; T.M., Ferreira, Tiago Miguel	Damage scenario-based approach and retrofitting strategies for seismic risk mitigation: an application to the historical Centre of Sant'Antimo (Italy)	European Journal of Environmental and Civil Engineering	25	11	10.1080/19648189.2019.1596164	2021	1929	1948	20	2-s2.0-85063659181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063659181&doi=10.1080%2F19648189.2019.1596164&partnerID=40&md5=f6ddfbac03cea25329c17344a0121c31	SCOPUS
619	Daniel Belega;Dario Petri	Cramér–Rao Lower Bound for Unbiased Estimators of Sampled Noisy Sine-Wave Parameters	IEEE Transactions on Instrumentation and Measurement	70		10.1109/TIM.2021.3122791	2021	1	9	9		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9585479	IEEE

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620	Ion Boidea;Lucian Nicolae Tutela;Chao Wu;Frede Blaabjerg;Yi Liu;Mohamed G. Hussien;Wei Xu	Fractional kVA Rating PWM Converter Doubly Fed Variable Speed Electric Generator Systems: An Overview in 2020	IEEE Access	9		10.1109/ACCESS.2021.3101907	2021	117957	117968	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9503407	IEEE
621	Adrian Musuroi;Bogdan Groza;Lucian Popa;Pal-Stefan Murvay	Fast and Efficient Group Key Exchange in Controller Area Networks (CAN)	IEEE Transactions on Vehicular Technology	70	9	10.1109/TVT.2021.3098546	2021	9385	9399	15		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9492821	IEEE
622	Amit Kumar;Abdul Quaiyum Ansari;Binod Kumar Kanaujia;Jugul Kishor;Ladislau Matekovits	A review on different techniques of mutual coupling reduction between elements of any MIMO antenna. Part 1: DGSs and parasitic structures	Radio Science	56	3	10.1029/2020RS007122	2021	1	25	25		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9395157	IEEE
623	Amit Kumar;Abdul Quaiyum Ansari;Binod Kumar Kanaujia;Jugul Kishor;Ladislau Matekovits	A review on different techniques of mutual coupling reduction between elements of any MIMO antenna. Part 2: Metamaterials and many more	Radio Science	56	3	10.1029/2020RS007222	2021	1	22	22		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9395159	IEEE
624	Hemn Younesiraad;Zahra Hamzavi-Zarghani;Ladislau Matekovits	Invisibility Utilizing Huygens' Metasurface Based on Mantle Cloak and Scattering Suppression Phenomen	IEEE Transactions on Antennas and Propagation	69	8	10.1109/TAP.2021.3060022	2021	5181	5186	6		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9366398	IEEE
625	Andrei-Marius Silaghi;Aldo De Sabata;Ladislau Matekovits	Single-Layered Frequency Selective Surface for Polarization Processing by Transmission Through Elementary Simple Structure Unit Cell Array	IEEE Access	9		10.1109/ACCESS.2021.3060155	2021	30615	30625	11		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9356591	IEEE
626	Mateu Sbert;Cosmin Ancuti;Codruta O. Ancuti;Jordi Poch;Shuning Chen;Marius Vila	Histogram Ordering	IEEE Access	9		10.1109/ACCESS.2021.3058577	2021	28785	28796	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9352004	IEEE
627	Daniel Belega;Dario Petri	Sensitivity to Frequency Uncertainty of the Estimators Provided by the Two-Parameter Sine-Fit Algorithm	IEEE Transactions on Instrumentation and Measurement	70		10.1109/TIM.2021.3058396	2021	1	9	9		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9351968	IEEE
628	Cristian Lascu	Sliding-Mode Direct-Voltage Control of Voltage-Source Converters With LC Filters for Pulsed Power Loads	IEEE Transactions on Industrial Electronics	68	12	10.1109/TIE.2020.3040694	2021	11642	11650	9		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9280406	IEEE
629	Bogdan Groza;Lucian Popa;Pal-Stefan Murvay	CANTO - Covert Authentication With Timing Channels Over Optimized Traffic Flows for CAN	IEEE Transactions on Information Forensics and Security	16		10.1109/TIFS.2020.3017892	2021	601	616	16		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9171355	IEEE
630	Radu-Emil Precup;Elena-Lorena Hedrea;Raul-Cristian Roman;Emil M. Petriu;Alexandra-Iulia Szedlak-Stinean;Claudia-Adina Bojan-Dragos	Experiment-Based Approach to Teach Optimization Techniques	IEEE Transactions on Education	64	2	10.1109/TE.2020.3008878	2021	88	94	7		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9153006	IEEE
631	Khawaja, Kausar Fiaz; Sarfraz, Muddassar; Rashid, Misbah; Rashid, Mariam	How is COVID-19 pandemic causing employee withdrawal behavior in the hospitality industry? An empirical investigation	JOURNAL OF HOSPITALITY AND TOURISM INSIGHTS	5	3	http://dx.doi.org/10.1108/JHTI-01-2021-0002	2022	687	706	20	WOS:000653856400001	View Full Record in Web of Science	ESCI
632	Banciu, Felicia Veronica; Feier, Anamaria; Leordean, Silviu	THE PRACTICAL APPLICATION OF TPM PRINCIPLES IN THE CASE OF AN ELECTROSTATIC PAINTING DEPARTMENT	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	4		2022	995	1002	8	WOS:000969679100003	View Full Record in Web of Science	ESCI
633	Firu, Adrian; Feier, Anamaria; Draghici, George	A NEW APPROACH ON INDUSTRY 4.0- A PLATFORM TO INTEGRATE CUSTOMER IN THE DESIGN DECISION	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	4		2022	1123	1130	8	WOS:000969679100019	View Full Record in Web of Science	ESCI

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634	Molnar, Richard; Feier, Anamaria; Banciu, Felicia; Coteata, Margareta	USE OF WELDING SHIELDING GAS MIXTURES IN AUTOMOTIVE WELDING PROCESSES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	4		2022	1249	1254	6	WOS:000969679100036	View Full Record in Web of Science	ESCI
635	Tapirdea, Alin Ion; Draghici, George	BIG DATA ROLE IN SMART MANUFACTURING	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	4		2022	1371	1378	8	WOS:000969679100054	View Full Record in Web of Science	ESCI
636	Tulcan, Aurel; Banciu, Felicia Veronica; Grozav, Ion	ANALYSIS AND ALLOCATION OF DIMENSIONAL TOLERANCES USING GeoGebra SOFTWARE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	4		2022	1409	1416	8	WOS:000969679100058	View Full Record in Web of Science	ESCI
637	Sirbu, Ovidiu Marcel; Vilceanu, Clara-Beatrice; Moscovici, Anca Maria; Herban, Sorin	OPEN-SOURCE GIS FOR TERRITORIAL PLANNING - SOLAR MAP OF TIMIS COUNTY, ROMANIA	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	11			2022	444	451	8	WOS:000931961700053	View Full Record in Web of Science	ESCI
638	Abdullah, Muhammad Ibrahim; Sarfraz, Muddassar; Ivascu, Larisa; Ghafoor, Shafa; Ozturk, Ilknur	AN EMPIRICAL STUDY ON CONSUMER'S PURCHASE INTENTIONS TOWARD ONLINE SHOPPING IN PAKISTAN	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	525	534	10	WOS:000953026700001	View Full Record in Web of Science	ESCI
639	Boatca, Maria Elena; Costa, Ioan Mihai; Tamasila, Matei	ANALYSIS OF SUPPORT SERVICES IN A ROMANIAN UNIVERSITY: PROSPECTS FOR CONTINUOUS IMPROVEMENT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	571	576	6	WOS:000953026700006	View Full Record in Web of Science	ESCI
640	Boatca, Maria Elena; Draghici, Anca; Suteu, Corina; Farcas, Dorina	PROPOSAL OF A PREVENTION PROGRAM FOR MITIGATION OF WORK-RELATED MUSCULOSKELETAL DISORDERS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	577	586	10	WOS:000953026700007	View Full Record in Web of Science	ESCI
641	Bordeasu, Dorin	STUDY ON THE IMPLEMENTATION OF AN ALTERNATIVE SOLUTION TO THE CURRENT IRRIGATION SYSTEM	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	593	602	10	WOS:000953026700009	View Full Record in Web of Science	ESCI
642	Carutasu, George; Carutasu, Nicoleta Luminita	INTEGRATED CLOUD BASED SYSTEM USING WEARABLE DEVICES FOR HEALTH AND SAFETY AT WORK	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	603	606	4	WOS:000953026700010	View Full Record in Web of Science	ESCI
643	Chincea, Rebecca; Tamasila, Matei	ERGONOMICS COMMUNICATION IN ORGANIZATIONS. A LINK BETWEEN ERGONOMICS AND COMMUNICATIONS USING CRONBACH'S ALPHA THEORY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	607	612	6	WOS:000953026700011	View Full Record in Web of Science	ESCI
644	Ciubotaru, Nicoale; Repanovici, Angela; Palade, Marta	EXPLORATION OF DISTRIBUTED TECHNOLOGIES FOR POSSIBLE INTEGRATION OF VOCABULARIES AND AGENTS IN THE INDUSTRY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	613	618	6	WOS:000953026700012	View Full Record in Web of Science	ESCI

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645	Dragut, Andrei; Potra, Sabina	ANALYZING THE VOICE OF EMPLOYEE'S IN TIME RECORDING SOFTWARE FOR EFFECTIVE HUMAN RESOURCE MANAGEMENT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	639	646	8	WOS:000953026700015	View Full Record in Web of Science	ESCI
646	Farcean, Ioana; Prostean, Gabriela; Ardelean, Erika	CIRCULAR AND GREEN ECONOMY IN THE CASE OF WASTE MANAGEMENT THAT CONTAIN IRON	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	685	694	10	WOS:000953026700020	View Full Record in Web of Science	ESCI
647	Firu, Adrian; Draghici, George	LITERATURE REVIEW OF PRODUCT DEVELOPMENT IN MASS PERSONALIZATION AND MASS INDIVIDUALIZATION	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	695	702	8	WOS:000953026700021	View Full Record in Web of Science	ESCI
648	Gogelescu (Meita), Cristina; Chivu, Oana Roxana; Feier, Anamaria Ioana; Borda, Claudia; Gheorghe, Marilena	INSPECTION AND SAFETY MEASURES IN HIGH ALTITUDE CONSTRUCTION ACTIVITIES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	703	712	10	WOS:000953026700022	View Full Record in Web of Science	ESCI
649	Igna, Dianora; Pop, Madalin-Dorin	IMPACT ANALYSIS ACCORDING TO ISO 26262 STANDARD USING SAFETY ANALYSIS INTEGRATED IN APIS IQ-RM TOOL	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	713	722	10	WOS:000953026700023	View Full Record in Web of Science	ESCI
650	Niculescu, Constantin-Catalin; Ion, Marian	MANAGEMENT PROCESSES AT SOFTWARE LEVEL TO ENHANCE INTELLIGENT VEHICLES ERGONOMICS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	781	790	10	WOS:000953026700030	View Full Record in Web of Science	ESCI
651	Palade, Marta; Ion, Marian	A PRELIMINARY STUDY ON USING CHATBOTS APPLICATIONS TO SUPPORT ARTIFICIAL INTELLIGENCE DECISION MAKING PROCESS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	791	796	6	WOS:000953026700031	View Full Record in Web of Science	ESCI
652	Paven, Ancuta-Elena; Banaduc, Gabriela; Neag, Nicoleta Paula	WORKPLACE DESIGN FROM A SUSTAINABLE LIFELONG PERSPECTIVE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	797	804	8	WOS:000953026700032	View Full Record in Web of Science	ESCI
653	Popa, Mihaela; Mocan, Anca; Potra, Sabina; Dungan, Luisa; Borborean, Andrei; Mocan, Marian	SPOT-WELDING POSTURE ANALYSIS USING CAPTIV T-SENS WIRELESS MOTION SENSORS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	805	810	6	WOS:000953026700033	View Full Record in Web of Science	ESCI
654	Rinjea (Costache), Constanta; Feier, Anamaria Ioana; Chivu, Oana Roxana; Borda, Claudia; Gheorghe, Marilena	MONITORING TEMPERATURE, HUMIDITY AND AIR VELOCITY LEVELS IN A FACTORY IN THE AUTOMOTIVE COMPONENT MANUFACTURING INDUSTRY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	817	824	8	WOS:000953026700035	View Full Record in Web of Science	ESCI
655	Sinko, Simona; Draghici, Anca; Boatca, Maria Elena; Dukic, Goran; Gajsek, Brigita	RAISING WORKPLACE SUSTAINABILITY WITH ERGONOMICS ASSESSMENT METHODS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	831	842	12	WOS:000953026700037	View Full Record in Web of Science	ESCI

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656	Stef, Dorian; Teban, Laura; Mirea, Nicoleta	THE FUTURE OF JOBS AND LIFELONG LEARNING IMPLEMENTATION	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	853	864	12	WOS:000953026700039	View Full Record in Web of Science	ESCI
657	Stef, Dorian; David, Madalina	ERGONOMICS AND POSTURAL ASSESSMENT OF DENTISTS TO PREVENT MUSCULOSKELETAL DISORDERS, DESIGNING AN ERGONOMIC CHAIR	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	865	874	10	WOS:000953026700040	View Full Record in Web of Science	ESCI
658	Suru, Silviu Nicusor; Umanschi, Bogdan Mihai; Prostean, Gabriela; Giuca, Olivia	COHESIVE GROUP MODEL FOR WORKING IN AN ONLINE ENVIRONMENT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	881	894	14	WOS:000953026700042	View Full Record in Web of Science	ESCI
659	Tapirdea, Alin; Draghici, George	LITERATURE REVIEW ABOUT MANUFACTURING SYSTEMS FOR MASS CUSTOMIZATION AND INDIVIDUALIZATION	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	895	904	10	WOS:000953026700043	View Full Record in Web of Science	ESCI
660	Tudose, Eugenia; Bulboac, Costinel; Darabont, Doru; Feier, Anamaria Ioana; Chivu, Oana Roxana	PROFESSIONAL RISK ASSESSMENT METHOD RELATED TO MANAGEMENT SYSTEM REQUIREMENTS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	921	930	10	WOS:000953026700046	View Full Record in Web of Science	ESCI
661	Umanschi, Bogdan Mihai; Suru, Silviu Nicusor; Prostean, Gabriela; Giuca, Olivia	A MODEL OF EFFICIENT LONG TIME IMPLEMENTATION OF PHYSICAL ACTIVITY IN ORGANIZATIONS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	931	938	8	WOS:000953026700047	View Full Record in Web of Science	ESCI
662	Vlaicu, Luminita Ioana; Repanovici, Angela; Bere Semeredi, Iudit	RESEARCH AND CONCEPTS IN ENGINEERING AND MANAGEMENT, REGARDING RENEWABLE ENERGY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	939	944	6	WOS:000953026700048	View Full Record in Web of Science	ESCI
663	Voicu, Vladimir; Carutasu, George	A STUDY ON TRAINS SERVICE FOR MODERN RAILWAY MAINTENANCE IN EUROPE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	945	948	4	WOS:000953026700050	View Full Record in Web of Science	ESCI
664	Voicu, Vladimir; Carutasu, George	AN OVERVIEW OF RAILWAY INSPECTIONS AND WORK SAFETY. THE CASE OF GERMANY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	949	958	10	WOS:000953026700051	View Full Record in Web of Science	ESCI
665	Popa, Maria; Glevitzky, Ioana; Dumitrel, Gabriela-Alina; Popa, Dorin; Virsta, Ana; Glevitzky, Mirel	QUALITATIVE ANALYSIS AND STATISTICAL MODELS BETWEEN SPRING WATER QUALITY INDICATORS IN ALBA COUNTY, ROMANIA	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	11			2022	358	366	9	WOS:000931961700042	View Full Record in Web of Science	ESCI

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666	Banciu, Doina; Arulanandam, Benedict Valentine; Munhenga, Trymore; Ivascu, Larisa	Digital financial literacy and and microfinancing among underprivileged communities in Cambodia	ROMANIAN JOURNAL OF INFORMATION TECHNOLOGY AND AUTOMATIC CONTROL-REVISTA ROMANA DE INFORMATICA SI AUTOMATICA	32	4	http://dx.doi.org/10.33436/v32i4y202207	2022	77	92	16	WOS:000924067500007	View Full Record in Web of Science	ESCI
667	Feier, Anamaria Ioana; Banciu, Felicia Veronica; Brindusoiu, Mihai; Bancila, Radu	THE FIRST WELDED BRIDGE-PROTOTYPE DEVELOPMENT THROUGH FUSED DEPOSITION MODELLING (FDM)	STRUCTURAL INTEGRITY AND LIFE-INTEGRITET I VEK KONSTRUKCIJA	22	3		2022	267	270	4	WOS:000911575000002	View Full Record in Web of Science	ESCI
668	Ciurdariu, Loredana	SOME HERMITE-HADAMARD TYPE INEQUALITIES INVOLVING FRACTIONAL INTEGRAL OPERATORS	JOURNAL OF SCIENCE AND ARTS		4	http://dx.doi.org/10.46939/J.Sci.Arts-22.4-a15	2022	941	952	12	WOS:000920203200015	View Full Record in Web of Science	ESCI
669	Stoia, Andreea; Stoia, Dan Ioan; Herisanu, Nicolae	ADJUSTMENT OF MASS MOMENT OF INERTIA OF LOWER LIMB ACCORDING TO GAIT PHASE	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65			2022	465	470	6	WOS:000911249300027	View Full Record in Web of Science	ESCI
670	Sarfraz, Muddassar; Vladut, Nicolae-Valentin; Cioca, Lucian-Ionel; Ivascu, Larisa	TEACHING STRATEGIES AND STUDENT'S ACADEMIC PERFORMANCE IN AGRICULTURE STUDIES: THE MEDIATING EFFECT OF TEACHER'S SELF- EFFICACY	INMATEH-AGRICULTURAL ENGINEERING	68	3	http://dx.doi.org/10.35633/inmateh-68-76	2022	767	780	14	WOS:000907185300001	View Full Record in Web of Science	ESCI
671	Ghera, Cristian; Odagiu, Ovidiu Petrisor; Nagy, Vasile; Micu, Lavinia Madalina; Luca, Alexandru Nicolae; Bordeasu, Ilare; Demian, Mihai Alin; Buzatu, Andreea Daniela; Ghiban, Brandusa	INFLUENCE OF AGEING TIME ON CAVITATION RESISTANCE OF 6082 ALUMINUM ALLOY	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	84	4		2022	225	237	13	WOS:000897670000019	View Full Record in Web of Science	ESCI
672	Vancea, Cosmin; Mosoarca, Giannin; Jurca, Romul-Marius	Cathode ray tubes glass wastes used for vitrification of iron oxide rich waste resulted from the groundwater treatment	OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY	33	2	http://dx.doi.org/10.2478/auoc-2022-0025	2022	172	176	5	WOS:000883793100002	View Full Record in Web of Science	ESCI
673	Simon, Simona; Dejica, Daniel; Farcasiu, Marcela Alina; Kilyeni, Annamaria	New trends in translation and interpreting studies: Linguistic accessibility in Romania	OPEN LINGUISTICS	8	1	http://dx.doi.org/10.1515/opli-2022-0217	2022	459	474	16	WOS:000878751400001	View Full Record in Web of Science	ESCI
674	Tany, Nadera Sultana; Suresh, Sunish; Sinha, Durgesh Nandan; Shinde, Chinmay; Stolojescu-Crisan, Cristina; Khondoker, Rahamatullah	Cybersecurity Comparison of Brain-Based Automotive Electrical and Electronic Architectures	INFORMATION	13	11	http://dx.doi.org/10.3390/info13110518	2022			34	WOS:000882589300001	View Full Record in Web of Science	ESCI
675	Ciurdariu, Loredana	A VARIANT OF RADON'S INEQUALITY FOR SEMINORMS	JOURNAL OF SCIENCE AND ARTS		3	http://dx.doi.org/10.46939/J.Sci.Arts-22.3-a11	2022	645	654	10	WOS:000884563800011	View Full Record in Web of Science	ESCI
676	Varga, Luiza; Baera, Cornelia; Gruin, Aurelian; Ostrovcsa, Inna	CREATIVE RESTORATION METHODOLOGY ON PAVEMENTS OF HISTORICAL OBJECTIVES: CASE STUDY - THE ARAD FRANCISCAN MONASTERY	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	13	3		2022	879	894	16	WOS:000880174700009	View Full Record in Web of Science	ESCI
677	Codrean, Cosmin; Buzdugan, Dragos; Voda, Mircea; Serban, Viorel- Aurel; Pertuz-Comas, Alberto	Effect of partial substitution of Cr with Co on glass forming ability,mechanical and magnetic properties in Fe48Mo14Cr15-xCoxB6P8Si7Y2 bulk metallic glasses	UIS INGENIERIAS	21	4	http://dx.doi.org/10.18273/revuin.v21n4-2022003	2022	29	38	10	WOS:000878770700001	View Full Record in Web of Science	ESCI
678	Plaitano, Francesco; Stratan, Aurel; Nastri, Elide	Simplified Modelling of Failure in High Strength Bolts under Combined Tension and Bending	JOURNAL OF COMPOSITES SCIENCE	6	10	http://dx.doi.org/10.3390/jcs6100302	2022			10	WOS:000873127900001	View Full Record in Web of Science	ESCI

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679	Popescu-Mitroi, Maria -Monica; Popescu-Mitroi, Ionel	Food choices of students with nutritional knowledge br	NUTRICION CLINICA Y DIETETICA HOSPITALARIA	42	3	http://dx.doi.org/10.12873/423popescu	2022	34	39	6	WOS:000860308400001	View Full Record in Web of Science	ESCI
680	Pepe, Massimiliano; Alfio, Vincenzo Saverio; Costantino, Domenica; Herban, Sorin	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	HERITAGE	5	3	http://dx.doi.org/10.3390/heritage5030099	2022	1910	1928	19	WOS:000856464900001	View Full Record in Web of Science	ESCI
681	Stirb, Adelin; Marc, Paul; Forton, Andrei	ASPECTS CONCERNING THE PHYSICAL-MECHANICAL CHARACTERISTICS OF LOW- NOISE ASPHALT MIXTURE	ROMANIAN JOURNAL OF TRANSPORT INFRASTRUCTURE	11	1	http://dx.doi.org/10.2478/rjti-2022-0004	2022			13	WOS:000843699500002	View Full Record in Web of Science	ESCI
682	Mosoarca, Giannin; Vancea, Cosmin; Popa, Simona; Boran, Sorina; Radulescu-Grad, Maria Elena	Crystal violet removal from aqueous solutions using dry bean pods husks powder - optimization and desorption studies	OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY	33	2	http://dx.doi.org/10.2478/auoc-2022-0019	2022	129	134	6	WOS:000843699700001	View Full Record in Web of Science	ESCI
683	Florescu, Florin; Popescu, Ioan-Emil; Moldovan, Cristian; Lovasz, Erwin-Christian	MEASURING THE LATENCY, OVER 4G LTE, FOR A TELEOPERATED ROBOT USING COMMERCIAL REMOTE DESKTOP SOFTWARE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	2		2022	273	278	6	WOS:000838236300018	View Full Record in Web of Science	ESCI
684	Roman, Diana Larisa; Voiculescu, Denisa Ioana; Ostafe, Vasile; Ciorsac, Alecu; Isvoran, Adriana	A review of the toxicity of triazole fungicides approved to be used in European Union to the soil and aqueous environment	OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY	33	2	http://dx.doi.org/10.2478/auoc-2022-0017	2022	113	120	8	WOS:000830950500004	View Full Record in Web of Science	ESCI
685	Ferrian, Francesco; Cornetti, Pietro; Marsavina, Liviu; Sapora, Alberto	Finite Fracture Mechanics and Cohesive Crack Model: Size effects through a unified formulation	FRATTURA ED INTEGRITA STRUTTURALE-FRACTURE AND STRUCTURAL INTEGRITY		61	http://dx.doi.org/10.3221/IGF-ESIS.61.33	2022	496	509	14	WOS:000815097800033	View Full Record in Web of Science	ESCI
686	Muntean, Roxana; Ambrus, Sebastian; Sirbu, Nicusor Alin; Utu, Ion-Dragos	Tribological Properties of Different 3D Printed PLA Filaments	NANO HYBRIDS AND COMPOSITES	36		http://dx.doi.org/10.4028/p-8k2v92	2022	103	111	9	WOS:000817748900009	View Full Record in Web of Science	ESCI
687	Hididis, Petru; Nicolaescu, Mircea; Opris, Carmen; Buzdugan, Dragos; Codrean, Cosmin; Geanta, Victor; Serban, Viorel-Aurel	ULTRASONIC WELDING ON Cu-Zr BASED GLASSY RIBBONS	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	84	1		2022	199	206	8	WOS:000813376200015	View Full Record in Web of Science	ESCI
688	Bucur, Flavius; Pascu, Liviu; Baneasa, Corneliu Birtok; Berghian, Adina Budiul; Socalici, Ana	RESEARCH ON THE PRODUCTION OF COMPOSITE MATERIALS FOR BRAKE SHOES	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	84	1		2022	227	236	10	WOS:000813376200018	View Full Record in Web of Science	ESCI
689	Josan, Ana; Pinca-Bretotean, Camelia	EFFECT OF THE ALLOYING ELEMENTS ON THE PROPERTIES OF GRAY CAST IRON USED FOR AUTOMOTIVE BRAKE DISCS	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	84	1		2022	247	258	12	WOS:000813376200020	View Full Record in Web of Science	ESCI
690	Latcu, Andrei-Constantin; Latcu, Dan-Radu	Differentiability of the slant function of a general pointwise slant distribution	JOURNAL OF GEOMETRY	113	2	http://dx.doi.org/10.1007/s00022-022-00645-3	2022			8	WOS:000800145900001	View Full Record in Web of Science	ESCI
691	Ailinei, Iulian-Ionut; Galatanu, Sergiu-Valentin; Marsavina, Liviu	INFLUENCE OF DEPOSITION DIRECTION ON VIBRATION CHARACTERISTICS OF 3D PRINTED ABS TEST SPECIMENS	STRUCTURAL INTEGRITY AND LIFE-INTEGRITET I VEK KONSTRUKCIJA	22	1		2022	25	28	4	WOS:000787952500003	View Full Record in Web of Science	ESCI

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692	Sanfilippo, Filippo; Blazauskas, Tomas; Salvietti, Gionata; Ramos, Isabel; Vert, Silviu; Radiani, Jaziar; Majchrzak, Tim A.; Oliveira, Daniel	A Perspective Review on Integrating VR/AR with Haptics into STEM Education for Multi-Sensory Learning	ROBOTICS	11	2	http://dx.doi.org/10.3390/robotics11020041	2022			20	WOS:000785339400001	View Full Record in Web of Science	ESCI
693	Draghici, Anca; Vaduva, Raluca; Capotescu, Sebastian; Banaduc, Gabriela; Robescu, Diana	INNOVATIONS FOR TACKLING POST-PANDEMIC RELATED CHALLENGES - A COLLABORATIVE RESEARCH TO DISCOVER NEW SOLUTIONS FOR HYBRID WORK IN THE CONTEXT OF 15-MINUTE CITIES	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	1		2022	87	100	14	WOS:000773188500010	View Full Record in Web of Science	ESCI
694	Paven, Ancuta-Elena; Banaduc, Gabriela	THE IMPACT OF DIGITALIZATION ON EDUCATIONAL AND ADMINISTRATIVE SYSTEMS	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	1		2022	187	196	10	WOS:000773188500020	View Full Record in Web of Science	ESCI
695	Tulcan, Aurel; Banciu, Felicia; Tulcan, Liliana; Grozav, Ion	THEORETICAL MODEL FOR CALCULATING THE ELASTIC AND CONTACT DEFORMATIONS OF THE POSITIONING ELEMENTS OF A 3-2-1 FIXTURE SYSTEM	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	1		2022	253	260	8	WOS:000773188500027	View Full Record in Web of Science	ESCI
696	Kiss, Imre	Constructive Improvements in the In-Ladle Treatments - A Comparative Industrial Study	TEHNICKI GLASNIK-TECHNICAL JOURNAL	16	1	http://dx.doi.org/10.31803/tg-20210212095840	2022	106	112	7	WOS:000752370700007	View Full Record in Web of Science	ESCI
697	Dungan, Luisa Izabel; Bocii, Liviu Sevastian; Dungan, Mircea Adrian	ANALYSIS OF THE BEHAVIOR OF THE CONNECTION SYSTEM BETWEEN LOCOMOTIVE BODY AND THE BOGIE AT CFR 060-EA 5100KW LOCOMOTIVE	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	65	3		2022	303	314	12	WOS:000889997300002	View Full Record in Web of Science	ESCI
698	Herban, Sorin; Costantino, Domenica; Alfio, Vincenzo Saverio; Pepe, Massimiliano	Use of Low-Cost Spherical Cameras for the Digitisation of Cultural Heritage Structures into 3D Point Clouds	JOURNAL OF IMAGING	8	1	http://dx.doi.org/10.3390/jimaging8010013	2022			18	WOS:000747728500001	View Full Record in Web of Science	ESCI
699	A.D., Martin, Adrian Daniel; L.N., Tutelea, Lucian Nicolae; R.M., Babău, Radu Mihnea; I.G., Boldea, Ion G.	IMPROVED ACTIVE TORQUE PULSATION REDUCTION METHOD FOR PULSATING LOADS DRIVEN BY INDUCTION MACHINES; PROCEDE AMELIORE DE REDUCTION ACTIVE DES PULSATIONS DE COUPLE POUR DES CHARGES PULSANTES ENTRAINEES PAR DES MACHINES A INDUCTION	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	67	4		2022	417	423	7	2-s2.0-85144645647	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144645647&partnerID=40&md5=65618f03dc42a422bf6254a0ec927d7	SCOPUS
700	D.L., Miclea, Diana Laura; S.N., Oșan, Sergiu Nicolae; S., Bucerzan, Simona; D.M., Ștefan, Delia Maria; R.A., Popp, Radu Anghel; M.A., Mager, Monica Alina; M., Puiu, Maria; C.G., Zimbru, Cristian G.; A., Chirita-Emandi, Adela; C., Alkhzouz, Camelia	Copy number variation analysis in 189 Romanian patients with global developmental delay/intellectual disability	Italian Journal of Pediatrics	48	1	10.1186/s13052-022-01397-1	2022				2-s2.0-85145391182	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145391182&doi=10.1186%2Fs13052-022-01397-1&partnerID=40&md5=b2721eab4e2dd584e6d8441424ffb8e4	SCOPUS

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701	L.L., Pâslaru, Liliana L.; G., Bindea, Gabriela; A., Năstase, Anca; A., Sorop, Andrei; C.G., Zimbru, Cristian G.; V., Herlea, Vlad; D., Hrehoreț, Doina; V.S., Brașoveanu, Vladislav S.; R., Zamfir, Radu; S.O., Dima, Simona Olimpia	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	Medicina (Lithuania)	58	12	10.3390/medicina58121803	2022				2-s2.0-85144963206	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144963206&doi=10.3390%2Fmedicina58121803&partnerID=40&md5=0bd95cdd44b2825025f775c39ae2cab3	SCOPUS
702	C., Lăzău, Carmen; M., Nicolaescu, Mircea; C., Orha, Corina; A., Pop, Aniela; S., Căprărescu, Simona; C.E., Bandas Ratiu, C. Elena	In Situ Deposition of Reduced Graphene Oxide on Ti Foil by a Facile, Microwave-Assisted Hydrothermal Method	Coatings	12	12	10.3390/coatings12121805	2022				2-s2.0-85144871942	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144871942&doi=10.3390%2Fcoatings12121805&partnerID=40&md5=d56d9884055a99f0fbfcfe0ab7116eab4	SCOPUS
703	J., Sun, Jianmin; M., Sarfraz, Muddassar; J.A., Ali, Jamshid Ali; L., Ivascu, Larisa	Organizational Agility and Sustainable Manufacturing Practices in the Context of Emerging Economy: A Mediated Moderation Model	Processes	10	12	10.3390/pr10122567	2022				2-s2.0-85144860676	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144860676&doi=10.3390%2Fpr10122567&partnerID=40&md5=258d80a29354fc18eb17b55af0cd1aa5	SCOPUS
704	I.R., Munteanu, Ioana Roxana; R.E., Luca, Ruxandra Elena; M., Mateas, Marius; L.D., Daravsha, Laura Diana; S., Boia, Simina; E.S., Boia, Eugen Sorin; C.D., Todea, Carmen Darinca	The Efficiency of Photodynamic Therapy in the Bacterial Decontamination of Periodontal Pockets and Its Impact on the Patient	Diagnostics	12	12	10.3390/diagnostic12123026	2022				2-s2.0-85144857475	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144857475&doi=10.3390%2Fdiagnostics12123026&partnerID=40&md5=efb030ddff6b4b4b1a0a7268a210f916	SCOPUS
705	P., Sfirloagă, Paula; M.G., Ivanovici, Mădălina Gabriela; M., Poienar, Maria; C., Ianăși, Cătălin; P., Vlăzan, Paulina	Investigation of Catalytic and Photocatalytic Degradation of Methyl Orange Using Doped LaMnO3 Compounds	Processes	10	12	10.3390/pr10122688	2022				2-s2.0-85144839783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144839783&doi=10.3390%2Fpr10122688&partnerID=40&md5=347003a92e1590e0903fb10ed361e524	SCOPUS
706	A.Z., Farkas, Andrei Zoltan; V., Argeșanu, Veronica; B., Boșcai, Benjamin; D.B., Abrudan, Denisa Bogdana	Maintenance Cycle Reduction Time and Energy Savings of Mechanical Face Seals Using Thermodynamic FEM Analysis	Energies	15	24	10.3390/en15249446	2022				2-s2.0-85144624165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144624165&doi=10.3390%2Fen15249446&partnerID=40&md5=267e513b4a311ca4ef71b46c78201227	SCOPUS
707	L., Lupa, Lavinia; L., Coheci, Laura; A.M., Dobos, Adina Maria; M.D., Onofrei, Mihaela Dorina; P., Negrea, Petru; A., Filimon, Anca	Metal Ions Removal from Contaminated Water Using Membranes Functionalized with Ionic Liquids	Water (Switzerland)	14	24	10.3390/w14244105	2022				2-s2.0-85144606332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144606332&doi=10.3390%2Fw14244105&partnerID=40&md5=bd5480ecf84ff87159ceb3347ef5b244	SCOPUS

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708	F., Matusoiu, Florin; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; P., Ianasi, Paula; C., Ianăși, Cătălin	Vanadium (V) Adsorption from Aqueous Solutions Using Xerogel on the Basis of Silica and Iron Oxide Matrix	Materials	15	24	10.3390/ma15248970	2022				2-s2.0-85144601214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144601214&doi=10.3390%2Fma15248970&partnerID=40&md5=909027b58816dae4336e914a52884d2	SCOPUS
709	I.C., Talpoș-Niculescu, Ioana Cristina; A.Z., Farkas, Andrei Zoltan; D., Lungeanu, Diana; V., Argeșanu, Veronica; M.D., Anghel, Mirella Dorina; R., Nagib, Riham	Perception and Knowledge of Dental Ergonomics among Romanian Dental Students	International Journal of Environmental Research and Public Health	19	24	10.3390/ijerph192416988	2022				2-s2.0-85144520473	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144520473&doi=10.3390%2Fijerph192416988&partnerID=40&md5=713d38eb0bf4a3ffa4bcd0e6e2f4ace5	SCOPUS
710	S., Pescari, Simon; M., Merea, Mircea; A., Pitroaca, Alexandru; C.B., Vilceanu, Clara Beatrice	A Particular Case of Urban Sustainability: Comparison Study of the Efficiency of Multiple Thermal Insulations for Buildings	Sustainability (Switzerland)	14	23	10.3390/su142316283	2022				2-s2.0-85143837032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143837032&doi=10.3390%2Fsu142316283&partnerID=40&md5=8790c2605333e15ea11c95bdb59c0523	SCOPUS
711	A.E., Cioabla, Adrian Eugen; V.F., Duma, Virgil-Florin Florin; C.A., Mneric, Corina Anca; R.A., Erdelyi, Ralph Alexandru; G.M., Dobre, George M.; A., Bradu, Adrian; A.G., Podoleanu, Adrian G.	Effect of an Anaerobic Fermentation Process on 3D-Printed PLA Materials of a Biogas-Generating Reactor	Materials	15	23	10.3390/ma15238571	2022				2-s2.0-85143790718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143790718&doi=10.3390%2Fma15238571&partnerID=40&md5=d6b4e4a7fc66083145192929494c26d6	SCOPUS
712	N., Herisanu, Nicolae; B.V., Marinca, Bogdan V.; V., Marinca, Vasile	Nonlinear Vibration of Double-Walled Carbon Nanotubes Subjected to Mechanical Impact and Embedded on Winkler–Pasternak Foundation	Materials	15	23	10.3390/ma15238599	2022				2-s2.0-85143772530	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143772530&doi=10.3390%2Fma15238599&partnerID=40&md5=c059178aa98e1f070655818d9c145ad1	SCOPUS
713	V.M., Bolocan, Vlad Marius; D.D., Valsan, Dragoș Dumitru; A., Ercuța, Aurel; C.M., Crăciunescu, Corneliu Marius	Actuating Bimorph Microstructures with Magnetron-Sputtered Ti-Ni-Cu Shape Memory Alloy Films	Nanomaterials	12	23	10.3390/nano12234207	2022				2-s2.0-85143599672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143599672&doi=10.3390%2Fnano12234207&partnerID=40&md5=c1b6aa17bfd11e3efc163731b58d9432	SCOPUS
714	S.C., Negrea, Sorina Claudia; A.A., Andelesc, Adelina Antonia; S., Motoc, Sorina; C., Cretu, Carmen; L., Cseh, Liliana; M.V., Rastei, Mircea V.; B., Donnio, Bertrand; E.I., Szerb, Elisabeta Ildyko; F., Manea, Florica	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	Nanomaterials	12	23	10.3390/nano12234215	2022				2-s2.0-85143592898	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143592898&doi=10.3390%2Fnano12234215&partnerID=40&md5=5d6e7c062412b94616cc63ed42da287a	SCOPUS

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715	R.J., van Spanning, Rob J.M.; Q., Guan, Qingtian; C., Melkonian, Chrats; J.L., Gallant, James Luke; L., Polerecky, Lubos; J.F., Flot, Jean François; B.W., Brandt, Bernd Willem; M., Braster, Martin; P., Iturbe-Espinoza, Paul; J.W., Aerts, Joost W.	Methanotrophy by a Mycobacterium species that dominates a cave microbial ecosystem	Nature Microbiology	7	12	10.1038/s41564-022-01252-3	2022	2089	2100	12	2-s2.0-85141159407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141159407&doi=10.1038%2Fs41564-022-01252-3&partnerID=40&md5=46f1f26c704a38c25114bec987e1ae4	SCOPUS
716	F., Mir, Farzad; L., Kouhalvandi, Lida; L., Matekovits, Ladislau	Deep neural learning based optimization for automated high performance antenna designs	Scientific Reports	12	1	10.1038/s41598-022-20941-x	2022				2-s2.0-85139487099	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139487099&doi=10.1038%2Fs41598-022-20941-x&partnerID=40&md5=350cd363fde5371d65a4404c5ae325fe	SCOPUS
717	V., Ungureanu, Viorel; I., Both, Ioan; M., Kotelko, Maria; L., Czechowski, Leszek; F., Bodea, Florin; D., Dubină, Dan	Buckling strength and post-ultimate behaviour of lipped channel section short columns under eccentric compression	Thin-Walled Structures	181		10.1016/j.tws.2022.110085	2022				2-s2.0-85138789111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138789111&doi=10.1016%2Fj.tws.2022.110085&partnerID=40&md5=d98d778a3706d46cdd5b0e964d0af3f9	SCOPUS
718	R., Ianoș, Robert; I., Rus, Iulia; R.I., Lazău, Radu Ioan; C., Păcurariu, Cornelia	Near-infrared reflective Ni, La-doped hibonite pigments for cool blue coatings	Ceramics International	48	23	10.1016/j.ceramint.2022.08.021	2022	34428	34436	9	2-s2.0-85135912197	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135912197&doi=10.1016%2Fj.ceramint.2022.08.021&partnerID=40&md5=2119b9977221b98b351cabe28a01711f	SCOPUS
719	A.I., Szedlak-Stinean, Alexandra Iulia; R.E., Precup, Radu Emil; E.M., Petriu, Emil M.; R.C., Roman, Raul Cristian; E.L., Hedrea, Elena Lorena; C.A., Bojan-Dragos, Claudia Adina	Extended Kalman filter and Takagi-Sugeno fuzzy observer for a strip winding system	Expert Systems with Applications	208		10.1016/j.eswa.2022.118215	2022				2-s2.0-85135382270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135382270&doi=10.1016%2Fj.eswa.2022.118215&partnerID=40&md5=e2f42e4053ae8fe64fcb37cc2a596ab8	SCOPUS
720	A.E., Segneanu, A. E.; C.N., Marin, C. N.; G., Vlase, Gabriela; C., Cepan, Claudiu; M., Mihăilescu, Maria; C.V., Muntean, Cornelia Veronica; I., Grozescu, Ioan	Highly efficient engineered waste eggshell-fly ash for cadmium removal from aqueous solution	Scientific Reports	12	1	10.1038/s41598-022-13664-6	2022				2-s2.0-85131791435	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131791435&doi=10.1038%2Fs41598-022-13664-6&partnerID=40&md5=9c4de231242685bb7daaed26f91b3d8	SCOPUS

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721	D., Sharma, Deepti; B.K., Kumar Kanaujia, Binod Kumar; V., Kaim, Vikrant; R.M., Mittra, Raj M.; R.K., Kumar Arya, Ravi Kumar; L., Matekovits, Ladislau	Design and implementation of compact dual-band conformal antenna for leadless cardiac pacemaker system	Scientific Reports	12	1	10.1038/s41598-022-06904-2	2022				2-s2.0-85125291733	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125291733&doi=10.1038%2F841598-022-06904-2&partnerID=40&md5=60a83189713fc94a4e48e3d3bac64e34	SCOPUS
722	S., Motoc, Sorina; F., Manea, Florica; A., Baci, Anamaria; S., Vasile, Sergiu; A., Pop, Aniela	Highly sensitive and simultaneous electrochemical determinations of non-steroidal anti-inflammatory drugs in water using nanostructured carbon-based paste electrodes	Science of the Total Environment	846		10.1016/j.scitotenv.2022.157412	2022				2-s2.0-85134844691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134844691&doi=10.1016%2Fj.scitotenv.2022.157412&partnerID=40&md5=c41ad578594c51e3db7e809b29f5da37	SCOPUS
723	A.E., Segneanu, A. E.; G., Vlase, Gabriela; A.T., Lukinich-Gruia, Alexandra T.; D.D., Herea, Dumitru Daniel; I., Grozescu, Ioan	Untargeted Metabolomic Approach of Curcuma longa to Neurodegenerative Phytocarrrier System Based on Silver Nanoparticles	Antioxidants	11	11	10.3390/antiox11112261	2022				2-s2.0-85149446480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149446480&doi=10.3390%2Fantiox11112261&partnerID=40&md5=ef600db9e1113de05abf24ece9816e88	SCOPUS
724	M.D., Pop, Madalin Dorin; A.P., Pugna, Adrian Pavel; V.I., Crețu, Vladimir Ioan; S.A., Potra, Sabina Alina	Two Years of Hybrid Education in Romania: A Comparative Overview of the Students' Expectations for the Online Educational Platforms	Sustainability (Switzerland)	14	21	10.3390/su142114241	2022				2-s2.0-85148061613	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148061613&doi=10.3390%2Fsu142114241&partnerID=40&md5=171a6df11705a659eaf2fca8de617b90	SCOPUS
725	A.E., Moacă, Alina Elena; V.M., Socoliuc, Vlad Mircea; D.L., Stoian, Dana Liana; C.G., Watz, Claudia Geanina; D., Flondor, Daniela; C., Păcurariu, Cornelia; R., Ianoș, Robert; I., Rus, Iulia; L., Barbu-Tudoran, Lucian; A.D., Semenescu, Alexandra Denisa	Synthesis and Characterization of Bioactive Magnetic Nanoparticles from the Perspective of Hyperthermia Applications	Magnetochemistry	8	11	10.3390/magnetocchemistry8110145	2022				2-s2.0-85146815856	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146815856&doi=10.3390%2Fmagnetocchemistry8110145&partnerID=40&md5=80c3129176f21578d1ce9fbc80e425d1	SCOPUS
726	A.E., Artene, Alin Emanuel; L.I., Cioca, Lucian Ionel; A.E., Domil, Aura Emanuela; L., Ivascu, Larisa; V., Burcă, Valentin; O., Bogdan, Oana	The Macroeconomic Implications of the Transition of the Forestry Industry towards Bioeconomy	Forests	13	11	10.3390/f131111961	2022				2-s2.0-85146434378	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146434378&doi=10.3390%2Ff131111961&partnerID=40&md5=6153d76961f36208e684182f40480cd	SCOPUS

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727	N.G., Hădăruță, Nicoleta Gabriela; C.A., Chirila, Cosmina Andrea; R.N., Szakal, Raymond Nandy; I.M., Gălan, Iulia Maria; M.D., Simandi, Marius Daniel; G.S., Bujancă, Gabriel Stelian; I., David, Ioan; A., Riviș, Adrian; S.M., Stanciu, Sorin Mihai; D.I., Hădăruță, Daniel Ioan	FTIR–PCA Approach on Raw and Thermally Processed Chicken Lipids Stabilized by Nano-Encapsulation in β -Cyclodextrin	Foods	11	22	10.3390/foods11223632	2022				2-s2.0-85143059557	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143059557&doi=10.3390%2Ffoods11223632&partnerID=40&md5=f66bb88f390fb9cfc31837ac761b299	SCOPUS
728	R., Yasmeen, Rizwana; W.U., Hassan Shah, Wasi Ul; L., Ivascu, Larisa; R., Tao, Rui; M., Sarfraz, Muddassar	Energy Crisis, Firm Productivity, Political Crisis, and Sustainable Growth of the Textile Industry: An Emerging Economy Perspective	Sustainability (Switzerland)	14	22	10.3390/su142215112	2022				2-s2.0-85142730710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142730710&doi=10.3390%2Fsu142215112&partnerID=40&md5=c3bf9d6eb38b3278d9fb3deb8d6cb089	SCOPUS
729	A.K., Tripathi, Abhishek Kumar; A., Mangalpady, Aruna; P.V., Elumalai, P. V.; M.A.E., Abbas, Mohamed Abd Elhamid; A., Afzal, Asif; S., Saboor, Shaik; E., Linul, Emanoil	Quantitative Analysis of Solar Photovoltaic Panel Performance with Size-Varied Dust Pollutants Deposition Using Different Machine Learning Approaches	Molecules	27	22	10.3390/molecules27227853	2022				2-s2.0-85142647859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142647859&doi=10.3390%2Fmolecules27227853&partnerID=40&md5=f4ba239a9d498e357491d46a2d6e488e	SCOPUS
730	A.E., Cioabla, Adrian Eugen; F.R., Popescu, Francisc R.; T.B., Bacos, Timotei Bogdan	Experimental Analysis for Determining Potential of Wastewater Sludge Mixed with Degraded Biomass as Substrates for Biogas Production	Energies	15	22	10.3390/en15228773	2022				2-s2.0-85142619800	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142619800&doi=10.3390%2Fen15228773&partnerID=40&md5=6ad85e1e74b321e64b52f36204ac5dca	SCOPUS
731	D.M., Onchis, Darian M.; C.M., Istin, Codruta Mihaela; E., Hoge, Eduard	A Neuro-Symbolic Classifier with Optimized Satisfiability for Monitoring Security Alerts in Network Traffic	Applied Sciences (Switzerland)	12	22	10.3390/app122211502	2022				2-s2.0-85142537595	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142537595&doi=10.3390%2Fapp122211502&partnerID=40&md5=f97f441bb0b750b193f65eb8d5d185f4	SCOPUS
732	P., Csereoka, Petra; B.I., Roman, Bogdan Ionut; M.V., Micea, Mihai Victor; C.A., Popa, Călin Adrian	Novel Reinforcement Learning Research Platform for Role-Playing Games	Mathematics	10	22	10.3390/math10224363	2022				2-s2.0-85142494781	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142494781&doi=10.3390%2Fmath10224363&partnerID=40&md5=76a9542728a6be7f9a7a8846fecca4ab	SCOPUS
733	A.A., Anton, Alin Adrian; A.L., Coccoeanu, Adrian Lucian; S., Muntean, Sebastian	Software for Monitoring the In-Service Efficiency of Hydraulic Pumps	Applied Sciences (Switzerland)	12	22	10.3390/app122211450	2022				2-s2.0-85142487479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142487479&doi=10.3390%2Fapp122211450&partnerID=40&md5=128f029fa8437a23a7d04c17eff41369	SCOPUS

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734	A., Șmuleac, Adrian; I.L., Șmuleac, Iosefina Laura; C.A., Popescu, Cosmin Alin; I.S., Herban, Ioan Sorin; T.E., Man, Teodor Eugen; F., Imbrea, Florin; A., Horablagă, Adina; S., Mihai, Simon; R., Pascualu, Raul; T., Safar, Tamas	Geospatial Technologies Used in the Management of Water Resources in West of Romania	Water (Switzerland)	14	22	10.3390/w14223729	2022				2-s2.0-85142426885	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142426885&doi=10.3390%2Fw14223729&partnerID=40&md5=0589d0117d61c8d9b5679ad58c61ccb4	SCOPUS
735	G.N., Popa, Gabriel Nicolae	Electric Power Quality through Analysis and Experiment	Energies	15	21	10.3390/en15217947	2022				2-s2.0-85141887746	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141887746&doi=10.3390%2Fen15217947&partnerID=40&md5=6923742ccd59a2d835c60b660084c3f1	SCOPUS
736	M., Nicolaescu, Mircea; C.E., Bandas Ratiu, C. Elena; C., Orha, Corina; P., Violeta, Purcar; C., Lăzău, Carmen	Development of the Zn-ZnO(Nw)/CuMnO2 Heterojunction by Low Temperature Zn Foil Oxidation for Gas Sensor Fabrication	Coatings	12	11	10.3390/coatings12111630	2022				2-s2.0-85141848528	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141848528&doi=10.3390%2Fcoatings12111630&partnerID=40&md5=f6b0f1feb54eb1fec14689da6d8ea392	SCOPUS
737	D., Bordașu, Dorin; O., Proștean, Octavian; I.A., Filip, Ioan A.; F., Drăgan, Florin; C., Vasar, Cristian	Modelling, Simulation and Controlling of a Multi-Pump System with Water Storage Powered by a Fluctuating and Intermittent Power Source	Mathematics	10	21	10.3390/math10214019	2022				2-s2.0-85141834797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141834797&doi=10.3390%2Fmath10214019&partnerID=40&md5=a95b509c7dc95d9d3d7bcfa2eda6c63f	SCOPUS
738	R.D., Ene, Remus Daniel; N., Pop, Nicolina; M., Lăpădat, Marioara; L.I., Dungan, Luisa Izabel	Approximate Closed-Form Solutions for the Maxwell-Bloch Equations via the Optimal Homotopy Asymptotic Method	Mathematics	10	21	10.3390/math10214118	2022				2-s2.0-85141817460	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141817460&doi=10.3390%2Fmath10214118&partnerID=40&md5=b1a7a3cf2f4c99f3c9ff186347e6c50	SCOPUS
739	D., Istrate, Dionisie; B.G., Șbârcea, Beatrice Gabriela; M.A., Demian, Mihai Alin; A.D., Buzatu, Andreea Daniela; L.C., Salcianu, Laura Cornelia; I., Bordașu, Ilare; L.M., Micu, Lavinia Mădălina; C., Ghera, Cristian; B.F., Florea, Bogdan Florin; B., Ghiban, Brândușa	Correlation between Mechanical Properties—Structural Characteristics and Cavitation Resistance of Cast Aluminum Alloy Type 5083	Crystals	12	11	10.3390/cryst12111538	2022				2-s2.0-85141752805	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141752805&doi=10.3390%2Fcryst12111538&partnerID=40&md5=1ce0faa0bbe30909a66ed1b68489f7e1	SCOPUS
740	S.I., Bernad, Sandor Ianos; E.S., Bernad, Elena Silvia	Magnetic Forces by Permanent Magnets to Manipulate Magnetoresponsive Particles in Drug-Targeting Applications	Micromachines	13	11	10.3390/mi13111818	2022				2-s2.0-85141708302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141708302&doi=10.3390%2Fmi13111818&partnerID=40&md5=9afc192fd569e86147bdd251bb015b7a	SCOPUS

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741	M.L., Vică, Mihaela Laura; M., Glevitzky, Mirel; G.A., Dumitrel, Gabriela Alina; R., Bostan, Roxana; H.V., Matei, Horea Vladi; Y., Kartalska, Yordanka; M., Popa, Maria	Qualitative Characterization and Antifungal Activity of Romanian Honey and Propolis	Antibiotics	11	11	10.3390/antibiotics11111552	2022				2-s2.0-85141706594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141706594&doi=10.3390%2Fantibiotics11111552&partnerID=40&md5=f6414b61231ee1e3f0fcd1748a3914d6	SCOPUS
742	D.E., Mocuța, Daliaa Emanuela; M.I., Mirón, Mariana Ioana; D., Lungeanu, Diana; M., Mateas, Marius; E.A., Ogorescu, Emilia A.; C.D., Todea, Carmen Darinca	Laser Er:YAG-Assisted Debonding May Be a Viable Alternative to the Conventional Method for Monocrystalline Ceramic Brackets	International Journal of Environmental Research and Public Health	19	21	10.3390/ijerph192114564	2022				2-s2.0-85141617556	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141617556&doi=10.3390%2Fijerph192114564&partnerID=40&md5=1328248b651ac4bfb7f3a1b18b7fibe	SCOPUS
743	G.I., Barbulescu, Greta Ionela; M.F., Bojin, Maria Florina; V.L., Ordodi, Valentin Laurentiu; I.D., Goje, Jacob Daniel; A.S., Barbulescu, Andreea Severina; V., Păunescu, Virgil	Decellularized Extracellular Matrix Scaffolds for Cardiovascular Tissue Engineering: Current Techniques and Challenges	International Journal of Molecular Sciences	23	21	10.3390/ijms232113040	2022				2-s2.0-85141605342	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141605342&doi=10.3390%2Fijms232113040&partnerID=40&md5=a01a44147dcd0a24a4c600eddafdf966	SCOPUS
744	A., Benis, Arriel; J., Grosjean, Julien; K., Billey, Kevin; G., Montanha, Gustavo; V., Dornauer, Verena; M.M., Crișan-Vida, Mihaela Marcella; W.O., Hackl, Werner O.; L., Stoicu-Tivadar, Lăcrămioara; S.J., Darmoni, Stéfan Jacques	Medical informatics and digital health multilingual ontology (MIMO): A tool to improve international collaborations	International Journal of Medical Informatics	167		10.1016/j.ijmedinf.2022.104860	2022				2-s2.0-85137264208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137264208&doi=10.1016%2Fj.ijmedinf.2022.104860&partnerID=40&md5=8c5583861b64d39e05a148c43d696474	SCOPUS
745	L., Ivascu, Larisa; A.E., Domil, Aura Emanuela; M., Sarfraz, Muddassar; O., Bogdan, Oana; V., Burcă, Valentin; C.D., Pavel, Codruța Daniela	New insights into corporate sustainability, environmental management and corporate financial performance in European Union: an application of VAR and Granger causality approach	Environmental Science and Pollution Research	29	55	10.1007/s11356-022-21642-8	2022	82827	82843	17	2-s2.0-85132820291	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132820291&doi=10.1007%2Fs11356-022-21642-8&partnerID=40&md5=ee1d4a00eac86777aa41c5f571297c2a	SCOPUS
746	M.A., Jivulescu, Maria Anastasia; C., Lancien, Cécilia; I., Nechita, Ion	Multipartite Entanglement Detection Via Projective Tensor Norms	Annales Henri Poincare	23	11	10.1007/s00023-022-01187-9	2022	3791	3838	48	2-s2.0-85129518252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129518252&doi=10.1007%2Fs00023-022-01187-9&partnerID=40&md5=f4d3bd10da5b99fac911704a55f5f1da	SCOPUS

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747	D.H., Ursu, Daniel Horatiu; M., Vajda, Melinda; M., Miclău, Marinela	Highly efficient dye-sensitized solar cells for wavelength-selective greenhouse: A promising agrivoltaic system	International Journal of Energy Research	46	13	10.1002/er.8469	2022	18550	18561	12	2-s2.0-85135507161	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135507161&doi=10.1002%2Fer.8469&partnerID=40&md5=eef2cb8253c4ac5f22c7ea9596724e6	SCOPUS
748	L., Marșavina, Liviu; C., Vălean, Cristina; M.P., Mărghitaș, Mihai Petru; E., Linul, Emanoil; N.M.J., Razavi, Nima M.J.; F., Berto, Filippo; R., Brighenti, Roberto	Effect of the manufacturing parameters on the tensile and fracture properties of FDM 3D-printed PLA specimens	Engineering Fracture Mechanics	274		10.1016/j.engfracmech.2022.108766	2022				2-s2.0-85136648576	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136648576&doi=10.1016%2Fj.engfracmech.2022.108766&partnerID=40&md5=bdc074a50b7e4b068030660d9981f41	SCOPUS
749	R.E., Precup, Radu Emil; G.G., Duca, Gheorghe G.; S.O., Travin, S. O.; I.I., Zinicovscaia, Inga Ivanovna	PROCESSING, NEURAL NETWORK-BASED MODELING OF BIOMONITORING STUDIES DATA AND VALIDATION ON REPUBLIC OF MOLDOVA DATA	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	23	4		2022	403	410	8	2-s2.0-85145280896	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145280896&partnerID=40&md5=227362c5457296ddf7a38d23272cdab1	SCOPUS
750	L., Ciocarlie, Loredana; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; P., Ianaș, Paula; C., Ianaș, Cătălin; N.S., Nemeș, Nicoleta Sorina	Indium Recovery by Adsorption on MgFe2O4 Adsorbents	Materials	15	20	10.3390/ma15207054	2022				2-s2.0-85140973294	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140973294&doi=10.3390%2Fma15207054&partnerID=40&md5=d6aba0f493615760e4517c2928cc0756	SCOPUS
751	P.C., Papaphilippou, Petri Ch; O.M., Marinică, Oana Maria; E., Tanasă, Eugenia; F., Mpekris, Fotios; T., Stylianopoulos, Triantafyllos; V.M., Socoliuc, Vlad Mircea; T.C., Krasia-Christoforou, Theodora C.	Ofloxacin Removal from Aqueous Media by Means of Magnetoactive Electrospun Fibrous Adsorbents	Nanomaterials	12	20	10.3390/nano12203648	2022				2-s2.0-85140913825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140913825&doi=10.3390%2Fnano12203648&partnerID=40&md5=5c616aa96d4c34484498025e6f596c5b	SCOPUS
752	L.T., Avram, Liane Tabitha; S.V., Galațanu, Sergiu Valentin; C.F., Opreș, Carmen Firu; C., Pop, Cristian; A., Jivănescu, Anca	Effect of Different Etching Times with Hydrofluoric Acid on the Bond Strength of CAD/CAM Ceramic Material	Materials	15	20	10.3390/ma15207071	2022				2-s2.0-85140848518	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140848518&doi=10.3390%2Fma15207071&partnerID=40&md5=99f8042e90afac3a3b395bd24b42ea59	SCOPUS

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753	F., Matusoiu, Florin; A., Negrea, Adina; N.S., Nemeș, Nicoleta Sorina; C., Ianăși, Cătălin; M., Ciopec, Mihaela; P., Negrea, Petru; N.M., Duțeanu, Narcis Mihai; P., Ianasi, Paula; D.M., Duda-Seiman, Daniel Marius; D., Muntean, Delia	Antimicrobial Perspectives of Active SiO ₂ FexOy/ZnO Composites	Pharmaceutics	14	10	10.3390/pharmaceutics14102063	2022				2-s2.0-85140847161	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140847161&doi=10.3390%2Fpharmaceutics14102063&partnerID=40&md5=007e6208770efe48b41189a808b06ab2	SCOPUS
754	O.D., Frent, Olimpia Daniela; L.G., Vicaș, Laura Gratiela; N.M., Duțeanu, Narcis Mihai; C.M., Morgovan, Claudia Mona; T., Jurcă, Tünde; A., Pallag, Annamária; M.E., Mureșan, Mariana Eugenia; S.M., Filip, Sanda Monica; R.L., Lucaciu, Roxana Liana; E., Marian, Eleonora	Sodium Alginate—Natural Microencapsulation Material of Polymeric Microparticles	International Journal of Molecular Sciences	23	20	10.3390/ijms232012108	2022				2-s2.0-85140819166	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140819166&doi=10.3390%2Fijms232012108&partnerID=40&md5=46e50ff5cf71ac02d0cd371a33dde09	SCOPUS
755	M., Marganovici, Marko; B.E., Mărănescu, Bianca Elena; A., Visa, Aurelia; L., Lupa, Lavinia; I., Hulka, Iosif; V.A., Chiriac, V. A.; G., Ilia, Gheorge	Hybrid Coordination Networks for Removal of Pollutants from Wastewater	International Journal of Molecular Sciences	23	20	10.3390/ijms232012611	2022				2-s2.0-85140817308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140817308&doi=10.3390%2Fijms232012611&partnerID=40&md5=da97437fd909b1ce56d395376c67f0	SCOPUS
756	H., Mozafari, Hozhabr; F., Distefano, Fabio; G., Epasto, Gabriella; L., Gu, Linxia; E., Linul, Emanoil; V., Crupi, Vincenzo	Design of an Innovative Hybrid Sandwich Protective Device for Offshore Structures	Journal of Marine Science and Engineering	10	10	10.3390/jmse10101385	2022				2-s2.0-85140774731	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140774731&doi=10.3390%2Fjmse10101385&partnerID=40&md5=d91701de79aa31be6f9a9aca96bf51f9	SCOPUS
757	R.D., Ene, Remus Daniel; N., Pop, Nicolina; M., Lăpădat, Marioara	Approximate Closed-Form Solutions for the Rabinovich System via the Optimal Auxiliary Functions Method	Symmetry	14	10	10.3390/sym14102185	2022				2-s2.0-85140774641	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140774641&doi=10.3390%2Fsym14102185&partnerID=40&md5=8c9c791d34c5390728603fe180c840ed	SCOPUS
758	C., Vasilescu, Corina; S., Marc, Simona; I., Hulka, Iosif; C., Paul, Cristina	Enhancement of the Catalytic Performance and Operational Stability of Sol-Gel-Entrapped Cellulase by Tailoring the Matrix Structure and Properties	Gels	8	10	10.3390/gels8100626	2022				2-s2.0-85140746855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140746855&doi=10.3390%2Fgels8100626&partnerID=40&md5=81f7526565b032c8f155d5e6772b70d3	SCOPUS

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760	T., Bînzar, Tudor; F.L., Pater, Flavius Lucian; S., Nadaban, Sorin	Fixed-Point Theorems in Fuzzy Normed Linear Spaces for Contractive Mappings with Applications to Dynamic-Programming	Symmetry	14	10	10.3390/sym14101966	2022				2-s2.0-85140743490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140743490&doi=10.3390%2Fsym14101966&partnerID=40&md5=c6c8413ed42319753b733fb3d6942ec5	SCOPUS
761	S., Lugoian, Sorin; L., Ciurdariu, Loredana; E., Grecu, Eugenia	Another Case of Degenerated Discrete Chenciner Dynamic System and Economics	Mathematics	10	20	10.3390/math10203782	2022				2-s2.0-85140641870	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140641870&doi=10.3390%2Fmath10203782&partnerID=40&md5=b3a996ff749399535c64a75516c4f51	SCOPUS
762	P.E., Merghes, Petru Eugen; G., Ilia, Gheorge; I., Hulka, Iosif; V.A., Chiriac, V. A.; N.I., Varan, Narcis Ion; V., Simulescu, Vasile	The Influence of Boron on the Structure and Properties of Hybrid Compounds Containing Zirconium and Phosphorus	Gels	8	10	10.3390/gels100667	2022				2-s2.0-85140575017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140575017&doi=10.3390%2Fgels100667&partnerID=40&md5=cf74e0e53a849ae643b9edc2fa606158	SCOPUS
763	C.E., Stoian, Claudia Elena; M.A., Fărcașiu, Marcela Alina; G.M., Dragomir, Gabriel Mugurel; V., Gherheș, Vasile	Transition from Online to Face-to-Face Education after COVID-19: The Benefits of Online Education from Students' Perspective	Sustainability (Switzerland)	14	19	10.3390/su141912812	2022				2-s2.0-85140004640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140004640&doi=10.3390%2Fsu141912812&partnerID=40&md5=0158d95a6969589a17e9d5d64f33d195	SCOPUS
764	P., Phani Prasanthi, P.; S.B., Kondapalli, Sivaji Babu; N.K.S.R., Morampudi, Niranjan Kumar Sita Rama; V.V., Venu Madhav, V. V.; K.K., Saxena, Kuldeep Kr; K.A., Mohammed, Kahtan A.; E., Linul, Emanoil; C., Prakash, Chander; D., Buddhi, D.	Elastic Properties of Jute Fiber Reinforced Polymer Composites with Different Hierarchical Structures	Materials	15	19	10.3390/ma15197032	2022				2-s2.0-85139975218	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139975218&doi=10.3390%2Fma15197032&partnerID=40&md5=b22d5c61703e3bd71a0824e4ce489cab	SCOPUS
765	S., Pescari, Simon; L., Budău, Laurențiu; R., Ciubotaru, Razvan; V.A., Stoian, Valeriu Augustin	Sustainability Study of Concrete Blocks with Wood Chips Used in Structural Walls in Seismic Areas	Materials	15	19	10.3390/ma15196659	2022				2-s2.0-85139971990	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139971990&doi=10.3390%2Fma15196659&partnerID=40&md5=ab8e578f5e1e1aeeccca81f6c4fde7a2	SCOPUS

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766	Y., Azizi, Y.; M.R., Soleimani, Mohammad Reza; S.H., Sedighy, Seyed Hassan; L., Matekovits, Ladislau	Wideband RCS Reduction by Single-Layer Phase Gradient Modulated Surface	Sensors	22	19	10.3390/s22197108	2022				2-s2.0-85139935611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139935611&doi=10.3390%2Fs22197108&partnerID=40&md5=f4295bc6b5d888396ead07cdacb75436	SCOPUS
767	I., Păușescu, Iulia; A., Todea, Anamaria; D.M., Dreava, Diana Maria; T., Boboescu, Tania; B., Pațcan, Bianca; L., Pațcan, Larisa; D., Albulescu, Daiana; V., Badea, Valentin; F., Peter, Francisc; R., Tôtôs, Róbert	Experimental and Computational Studies on Bio-Inspired Flavylum Salts as Sensitizers for Dye-Sensitized Solar Cells	Materials	15	19	10.3390/ma15196985	2022				2-s2.0-85139932831	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139932831&doi=10.3390%2Fma15196985&partnerID=40&md5=710b61b32fc737d8d21e829e86c8adbd	SCOPUS
768	I., Mitelea, Ion; I., Bordeasu, Ilare; C.I., Belin, Cosmin Ion; I.D., Utu, Ion Dragos; C.M., Craciunescu, Corneliu Marius	Cavitation Resistance, Microstructure, and Surface Topography of Plasma Nitrided Nimonic 80 A Alloy	Materials	15	19	10.3390/ma15196654	2022				2-s2.0-85139912450	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139912450&doi=10.3390%2Fma15196654&partnerID=40&md5=a0ff80541ffda600861028ebddc3e80b	SCOPUS
769	S., Vasile, Sergiu; L.D., Vitan, Liviu Danut; C.A., Tudoran, Constantin Adrian; F., Manea, Florica	Flexible Electroflotocoagulation Reactor: New Design and Testing in Treatment of Real Surface Water	Water (Switzerland)	14	19	10.3390/w14192990	2022				2-s2.0-85139842955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139842955&doi=10.3390%2Fw14192990&partnerID=40&md5=2c7f2411de37b0227d40cb5064b5ad18	SCOPUS
770	F.R., Popescu, Francisc R.; M.Z., Trumić, Milan Z.; A.E., Cioabla, Adrian Eugen; B.B., Vujić, Bogdana B.; V., Stoica, Virgil; M.S., Trumic, Maja S.; C.F., Opreș, Carmen Firu; G.D., Bogdanović, Grozdanka D.; G., Trif-Tordai, Gavrilă	Analysis of Surface Water Quality and Sediments Content on Danube Basin in Djerdap-Iron Gate Protected Areas	Water (Switzerland)	14	19	10.3390/w14192991	2022				2-s2.0-85139818529	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139818529&doi=10.3390%2Fw14192991&partnerID=40&md5=72e1455483b962d9c2b7e0a91e745be7	SCOPUS
771	S., Șimon, Simona; M.A., Fărcașiu, Marcela Alina; G.M., Dragomir, Gabriel Mugurel	Cultural Perspectives, Feelings and Coping Behaviors during the COVID-19 Pandemic: A Case Study of Romanian Students	International Journal of Environmental Research and Public Health	19	19	10.3390/ijerph191912445	2022				2-s2.0-85139812645	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139812645&doi=10.3390%2Fijerph191912445&partnerID=40&md5=4c93c987c3329c374612d2f9dc04c8d3	SCOPUS
772	M.L., Vică, Mihaela Laura; C., Delcea, Cristian; G.A., Dumitrel, Gabriela Alina; M.E., Vuscan, Mihaela Elvira; H.V., Matei, Horea Vladi; C.A., Teodoru, Cosmin Adrian; C.V., Siserman, Costel Vasile	The Influence of HLA Alleles on the Affective Distress Profile	International Journal of Environmental Research and Public Health	19	19	10.3390/ijerph191912608	2022				2-s2.0-85139811600	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139811600&doi=10.3390%2Fijerph191912608&partnerID=40&md5=f6536fd4921cb90264809d9dcfda8cfff	SCOPUS

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773	D.I., Stoia, Dan Ioan; E., Linul, Emanoil; L., Marșavina, Liviu	Mixed-mode I/II fracture properties of selectively laser sintered polyamide	Theoretical and Applied Fracture Mechanics	121		10.1016/j.tafmec.2022.103527	2022				2-s2.0-85136642063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136642063&doi=10.1016%2Fj.tafmec.2022.103527&partnerID=40&md5=6f650e98a4dda729101556c9a78ed1cf	SCOPUS
774	S.G., Muntean, Simona Gabriela; L., Ostopovici-Halip, Liliana; M.A., Nistor, Maria Andreea; C., Păcurariu, Cornelia	Efficient separation and removal of dyes from single and multiple systems by magnetic/silver/carbon nanocomposite: Mechanism and mathematical modeling	Sustainable Chemistry and Pharmacy	29		10.1016/j.scp.2022.100802	2022				2-s2.0-85136199299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136199299&doi=10.1016%2Fj.scp.2022.100802&partnerID=40&md5=32acb8e8753807603bb02af0a7f87a1	SCOPUS
775	L., Ivascu, Larisa; B.V., Arulanandam, Benedict Valentine; A.E., Artene, Alin Emanuel; P., Selvarajah, Prena; L.F., Ching, Lim Fung; C.D., Ragunathan, Chitra Devi	Tertiary students maintaining control over depression, anxiety, and stress during the pandemic—An emerging market perspective	Frontiers in Psychology	13		10.3389/fpsyg.2022.990192	2022				2-s2.0-85139933399	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139933399&doi=10.3389%2Ffpysyg.2022.990192&partnerID=40&md5=2709451c0253310546ac2695cc7229fa	SCOPUS
776	T., Binzar, Tudor	Almost strongly fuzzy bounded operators with applications to fuzzy spectral theory	Fuzzy Sets and Systems	444		10.1016/j.fss.2021.11.011	2022	131	143	13	2-s2.0-85120437313	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120437313&doi=10.1016%2Fj.fss.2021.11.011&partnerID=40&md5=8fad8510f92858f9113abe66a7212d24	SCOPUS
777	D.A., Bistrrian, Diana Alina	High-Fidelity Digital Twin Data Models by Randomized Dynamic Mode Decomposition and Deep Learning with Applications in Fluid Dynamics	Modelling	3	3	10.3390/modelling3030020	2022	314	332	19	2-s2.0-85177734071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177734071&doi=10.3390%2Fmodelling3030020&partnerID=40&md5=c4e4b44c50ef5c5a597d341bb229eb4c	SCOPUS
778	A., Mehta, Amrinder; H., Vasudev, Hitesh; S., Singh, Sharanjit; C., Prakash, Chander; K.K., Saxena, Kuldeep Kr; E., Linul, Emanoil; D., Buddhi, D.; J., Xu, Jinyang	Processing and Advancements in the Development of Thermal Barrier Coatings: A Review	Coatings	12	9	10.3390/coatings12091318	2022				2-s2.0-85138937088	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138937088&doi=10.3390%2Fcoatings12091318&partnerID=40&md5=ed1465d47d64d90d857747a15b7de86a	SCOPUS
779	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; M.L., Dan, Mircea Laurențiu; S., Boran, Sorina	Crystal Violet Adsorption on Eco-Friendly Lignocellulosic Material Obtained from Motherwort (Leonurus cardiaca L.) Biomass	Polymers	14	18	10.3390/polym14183825	2022				2-s2.0-85138835075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138835075&doi=10.3390%2Fpolym14183825&partnerID=40&md5=86c367c53c01b19756777fde96a2a69	SCOPUS

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780	D.A., Șerban, D. A.; A.V., Cosa, Alexandru Viorel; G., Belgiu, George; R.M., Negru, Radu Marcel	Failure Locus of an ABS-Based Compound Manufactured through Photopolymerization	Polymers	14	18	10.3390/polym14183822	2022				2-s2.0-85138763594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138763594&doi=10.3390%2Fpolym14183822&partnerID=40&md5=8f12935e732cd30fa6369f8d7fb89abf	SCOPUS
781	M., Cernicova-Buca, Mariana; M.V., Pevnaya, Maria V.; M., Fedorova, Maria; T.Y., Bystrova, Tatiana Yu	Students' Awareness of the Local Cultural and Historical Heritage in Post-Communist Regional Centers: Yekaterinburg, Gyumri, Timisoara	Land	11	9	10.3390/land11091443	2022				2-s2.0-85138750590	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138750590&doi=10.3390%2Fland11091443&partnerID=40&md5=a0a9ab7a60ce8799c6996c566c889f58	SCOPUS
782	M., Abubakar, Muhammad; Y.B., Che, Yanbo Boo; L., Ivascu, Larisa; F.M., Almasoudi, Fahad M.; I., Jamil, Irfan	Performance Analysis of Energy Production of Large-Scale Solar Plants Based on Artificial Intelligence (Machine Learning) Technique	Processes	10	9	10.3390/pr10091843	2022				2-s2.0-85138748910	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138748910&doi=10.3390%2Fpr10091843&partnerID=40&md5=8cfd6d0b0c44bd16691069cb79672853	SCOPUS
783	I., Sarbu, Ioan; M., Mirza, Matei; D., Muntean, Daniel	Integration of Renewable Energy Sources into Low-Temperature District Heating Systems: A Review	Energies	15	18	10.3390/en15186523	2022				2-s2.0-85138693819	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138693819&doi=10.3390%2Fen15186523&partnerID=40&md5=fa3f4cad724400553ce1c2f97aa4cfe9	SCOPUS
784	N., Herisanu, Nicolae; B.V., Marinca, Bogdan V.; V., Marinca, Vasile	Dynamics of the Vibro-Impact Nonlinear Damped and Forced Oscillator under the Influence of the Electromagnetic Actuation	Mathematics	10	18	10.3390/math10183301	2022				2-s2.0-85138640253	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138640253&doi=10.3390%2Fmath10183301&partnerID=40&md5=59d9b8b26d5d0fda406963c71139b206	SCOPUS
785	D.M., Petroșanu, Dana Mihaela; A., Pirjan, Alexandru; G., Căruțașu, George; A., Tăbușcă, Alexandru; D.L., Zirra, Daniela Lenuța; A., Perju-Mitran, Alexandra	E-Commerce Sales Revenues Forecasting by Means of Dynamically Designing, Developing and Validating a Directed Acyclic Graph (DAG) Network for Deep Learning	Electronics (Switzerland)	11	18	10.3390/electronics11182940	2022				2-s2.0-85138617587	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138617587&doi=10.3390%2Felectronics11182940&partnerID=40&md5=cf1c085edd5086925f7fc76e0419d3	SCOPUS

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786	S.I., Bernad, Sandor Ianos; V.M., Socoliuc, Vlad Mircea; D., Susan-Resiga, Daniela; I., Crăciunescu, Izabella; R.P., Turcu, R. Paula; E., Tombăcz, Etelka; L.N., Vékás, Ladislau Nicolae; M.C., Ioncica, Maria Cristina; E.S., Bernad, Elena Silvia	Magnetoresponsive Functionalized Nanocomposite Aggregation Kinetics and Chain Formation at the Targeted Site during Magnetic Targeting	Pharmaceutics	14	9	10.3390/pharmaceutics14091923	2022				2-s2.0-85138606384	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138606384&doi=10.3390%2Fpharmaceutics14091923&partnerID=40&md5=cabba534e46ef6bc436e3e8be0998cd4	SCOPUS
787	A.F., Totorean, Alin Florin; I.C., Totorean, Iuliana Claudia; S.I., Bernad, Sandor Ianos; T., Ciocan, Tiberiu; D.C., Malita, Daniel Claudiu; D.I., Gaiță, Dan Ion; E.S., Bernad, Elena Silvia	Patient-Specific Image-Based Computational Fluid Dynamics Analysis of Abdominal Aorta and Branches	Journal of Personalized Medicine	12	9	10.3390/jpm12091502	2022				2-s2.0-85138602557	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138602557&doi=10.3390%2Fjpm12091502&partnerID=40&md5=1e503814567c26f1e495c40662dedcb2	SCOPUS
788	A., Trușculescu, Adriana; D.L., Manolescu, Diana Luminița; L., Broască, Laura; V.M., Ancusa, V. Maria; H., Ciocărlie, Horia; C.C., Pescaru, Camelia Corina; E., Vastag, Emanuela; C.I., Oancea, Cristian Iulian	Enhancing Imagistic Interstitial Lung Disease Diagnosis by Using Complex Networks	Medicina (Lithuania)	58	9	10.3390/medicina58091288	2022				2-s2.0-85138375209	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138375209&doi=10.3390%2Fmedicina58091288&partnerID=40&md5=2633bd3da2b2079139a9643150dfbe2f	SCOPUS
789	E.T., Stoica, Enikő Tünde; C., Mărcăuțeanu, Corina; A., Tudor, Anca; V.F., Duma, Virgil-Florin Florin; E.C., Amăricăi, Elena Constanta; R.R., Onofrei, Roxana Ramona; O., Suci, O.; M.L., Negruțiu, Meda Lavinia; C., Sinescu, Cosmin	Influence of the Text Neck Posture on the Static Dental Occlusion	Medicina (Lithuania)	58	9	10.3390/medicina58091303	2022				2-s2.0-85138373717	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138373717&doi=10.3390%2Fmedicina58091303&partnerID=40&md5=d38882910a9f4492036244e3fa1e08f6	SCOPUS
790	O.H., Negulescu, Oriana Helena; A., Draghici, A.; G., Fistis, Gabriela	A Proposed Approach to Monitor and Control Sustainable Development Strategy Implementation	Sustainability (Switzerland)	14	17	10.3390/su141711066	2022				2-s2.0-85137880020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137880020&doi=10.3390%2Fsu141711066&partnerID=40&md5=d3711f2002e81570a8724d9243aa0699	SCOPUS
791	I., Păușescu, Iulia; D.M., Dreava, Diana Maria; I., Bîțcan, Ioan; R., Argetoianu, Raluca; D.I., Dăescu, Diana Ionela; M.A., Medeleanu, Mihai A.	Bio-Based pH Indicator Films for Intelligent Food Packaging Applications	Polymers	14	17	10.3390/polym14173622	2022				2-s2.0-85137839394	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137839394&doi=10.3390%2Fpolym14173622&partnerID=40&md5=c77e90c82c96399b7d70ba3b4b38fe8f	SCOPUS

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792	C.D., Curiac, Christian Daniel; A., Doboli, Alex; D.I., Curiac, Daniel Ioan	Co-Occurrence-Based Double Thresholding Method for Research Topic Identification	Mathematics	10	17	10.3390/math10173115	2022				2-s2.0-85137813426	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137813426&doi=10.3390%2Fmath10173115&partnerID=40&md5=417133364099196e650a11102711016e	SCOPUS
793	A., Ioana, Alexandru; A., Korodi, Adrian; I., Silea, Ioan	Automotive IoT Ethernet-Based Communication Technologies Applied in a V2X Context via a Multi-Protocol Gateway	Sensors	22	17	10.3390/s22176382	2022				2-s2.0-85137554520	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137554520&doi=10.3390%2Fs22176382&partnerID=40&md5=33a3f7e0cf79a4b0cd1248453a60871	SCOPUS
794	P., Găvruta, P.; L., Manolescu, Laura	New classes of Picard operators	Journal of Fixed Point Theory and Applications	24	3	10.1007/s11784-022-00973-6	2022				2-s2.0-85136114456	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136114456&doi=10.1007%2Fs11784-022-00973-6&partnerID=40&md5=575890902dba8f97ca957e176cf35f39	SCOPUS
795	M., Vajda, Melinda; D.H., Ursu, Daniel Horatiu; N., Miclău, Nicolae; N.M., Duțeanu, Narcis Mihai; M., Miclău, Marinela	Fabrication of copper oxide-based dye-sensitized solar cell with high short-circuit current density (J SC) using flexible and binder-free porous photoelectrode	Journal of Materials Science: Materials in Electronics	33	26	10.1007/s10854-022-08888-1	2022	20790	20801	12	2-s2.0-85135825143	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135825143&doi=10.1007%2Fs10854-022-08888-1&partnerID=40&md5=f2e25d27138e70a77a210c1ae571712db	SCOPUS
796	A.M.M.F., Lupuți, Antonio M.F. Marius Flavius; E.C., Lovasz, Erwin Christian; M.M., Ceccarelli, Marco M.; C., Sticlaru, Carmen; A.M., Scurt, Ana Maria	Kinematic study of feasibility of geared planar parallel manipulator	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	236	18	10.1177/09544062221105988	2022	10001	10016	16	2-s2.0-85131734118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131734118&doi=10.1177%2F09544062221105988&partnerID=40&md5=42efce11ddea7c6794b1c3e72e905304	SCOPUS
797	M.I., Mutașcu, Mihai Ioan; C.T., Albușescu, Claudiu Tiberiu; N., Apergis, Nicholas; C., Magazzino, Cosimo	Do gasoline and diesel prices co-move? Evidence from the time–frequency domain	Environmental Science and Pollution Research	29	45	10.1007/s11356-022-20517-2	2022	68776	68795	20	2-s2.0-85129796265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129796265&doi=10.1007%2Fs11356-022-20517-2&partnerID=40&md5=42c64100e0e831c440757169411f206c	SCOPUS

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798	M., Osaci, Mihaela; C.D., Cunțan, Corina Daniela; I., Baci, Ioan	Solution for Using FEMM in Electrostatic Problems with Discrete Distribution Electric Charge	International Journal of Modern Education and Computer Science	14	4	10.5815/ijmecs.2022.04.05	2022	57	66	10	2-s2.0-85137826620	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137826620&doi=10.5815%2Fijmecs.2022.04.05&partnerID=40&md5=f3113e8c640084a66ad42349eea2d7	SCOPUS
799	K., Shivalingaiah, Kanchiraya; N., Vinayaka, N.; C.P., Pon Selvan, Chithirai Pon; S.T., Kariappa, Smitha Thothera; N.G., Chandrashekarappa, Nandini Gowdru; L., Avinash, Lakshmikanthan; M.P., Gowdru Chandrashekarappa, Manjunath Patel; E., Linul, Emanoil	Stir Casting Process Analysis and Optimization for Better Properties in Al-MWCNT-GR-Based Hybrid Composites	Metals	12	8	10.3390/met12081297	2022				2-s2.0-85137760036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137760036&doi=10.3390%2Fmet12081297&partnerID=40&md5=7b44754ebf3a6a99dfe98f03e3afec	SCOPUS
800	S.V., Nițu, Sabina Violeta; M.S., Milea, Marius Silviu; S., Boran, Sorina; G.E., Moșoarcă, Giannin Emanuel; A.D., Zamfir, Alina Diana; S., Popa, S.; S., Funar-Timofei, S.	Experimental and Computational Study of Novel Pyrazole Azo Dyes as Colored Materials for Light Color Paints	Materials	15	16	10.3390/ma15165507	2022				2-s2.0-85137686929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137686929&doi=10.3390%2Fma15165507&partnerID=40&md5=5c55c2158851ff7feed47b839d1d121b	SCOPUS
801	S.C., Simu, Sebastian C.; A., Ledeti, Adriana; A.E., Moacă, Alina Elena; C., Păcurariu, Cornelia; C.A., Dehelean, Cristina Adriana; D.B., Navolan, Dan Bogdan; I.V., Ledeti, Ionut Valentin	Thermal Degradation Process of Ethinylestradiol—Kinetic Study	Processes	10	8	10.3390/pr10081518	2022				2-s2.0-85137560091	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137560091&doi=10.3390%2Fpr10081518&partnerID=40&md5=95488afa89c5bfeaa06af8f8e4a640	SCOPUS
802	I., Lucan Orășan, Ioan; C., Seiculescu, Ciprian; C.D., Căleanu, Cătălin Daniel	A Brief Review of Deep Neural Network Implementations for ARM Cortex-M Processor	Electronics (Switzerland)	11	16	10.3390/electronics11162545	2022				2-s2.0-85137414098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137414098&doi=10.3390%2Felectronics11162545&partnerID=40&md5=27567af1f1559c565133847867595a0c	SCOPUS
803	B., Arvinti, Beatrice; E.R., Iacob, Emil Radu; A., Isar, Alexandru; D., Iacob, Daniela; M., Costache, Marius	Enhanced Child Care: Contrast Correction for Pediatric Hip Ultrasound Using Hyperanalytic Wavelets	Journal of Personalized Medicine	12	8	10.3390/jpm12081328	2022				2-s2.0-85137402930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137402930&doi=10.3390%2Fjpm12081328&partnerID=40&md5=b5d298052d33a560ba74e2b2ff5c9586	SCOPUS
804	A.M., Berdich, Adriana Maria; B., Groza, Bogdan	Smartphone Camera Identification from Low-Mid Frequency DCT Coefficients of Dark Images	Entropy	24	8	10.3390/e24081158	2022				2-s2.0-85137367974	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137367974&doi=10.3390%2Fe24081158&partnerID=40&md5=daa3519f76d5bad79a45d31a4b104ee3	SCOPUS

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805	S., Pescari, Simon; V.A., Stoian, Valeriu Augustin; M., Merea, Mircea; A., Pitroaca, Alexandru	Comparison Study of the Heating Energy Demand for a Multi-Storey Residential Building in Romania Using Steady-State and Dynamic Methods	Buildings	12	8	10.3390/buildings12081246	2022				2-s2.0-85137336507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137336507&doi=10.3390%2Fbuildings12081246&partnerID=40&md5=68887a19b0d5aa068fad95d48161d1a3	SCOPUS
806	C., Vasilescu, Corina; C., Paul, Cristina; S., Marc, Simona; I., Hulka, Iosif; F., Peter, Francisc	Development of a Tailored Sol-Gel Immobilized Biocatalyst for Sustainable Synthesis of the Food Aroma Ester n-Amyl Caproate in Continuous Solventless System	Foods	11	16	10.3390/foods11162485	2022				2-s2.0-85137329085	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137329085&doi=10.3390%2Ffoods11162485&partnerID=40&md5=6f0df81cff1419830bc26ea7d5b67906	SCOPUS
807	I.A., Drăghici, Ionel Aurel; I.D., Rus, Ionuț Daniel; A.L., Cococeanu, Adrian Lucian; S., Muntean, Sebastian	Improved Operation Strategy of the Pumping System Implemented in Timisoara Municipal Water Treatment Station	Sustainability (Switzerland)	14	15	10.3390/su14159130	2022				2-s2.0-85137204611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137204611&doi=10.3390%2Fsu14159130&partnerID=40&md5=e60e0e0c7b30616e01626b06a3f63cfd	SCOPUS
808	G., Mladin, Georgiana; M., Ciopec, Mihaela; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; P., Ianasi, Paula; C., Ianăși, Cătălin	Silica- Iron Oxide Nanocomposite Enhanced with Porogen Agent Used for Arsenic Removal	Materials	15	15	10.3390/ma15155366	2022				2-s2.0-85137147440	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137147440&doi=10.3390%2Fma15155366&partnerID=40&md5=871c2c8e663244cc6c23dbc4058d3331	SCOPUS
809	D.N., Avram, Diana Nicoleta; C.M., Davidescu, Corneliu Mircea; M.L., Dan, Mircea Laurențiu; J.C., Mirza-Rosca, Julia Claudia; I., Hulka, Iosif; A., Pascu, Alexandru; E.M., Stanciu, Elena Manuela	Electrochemical Evaluation of Protective Coatings with Ti Additions on Mild Steel Substrate with Potential Application for PEM Fuel Cells	Materials	15	15	10.3390/ma15155364	2022				2-s2.0-85137147248	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137147248&doi=10.3390%2Fma15155364&partnerID=40&md5=9c0c6b4052a43b48599d5157098ff152	SCOPUS
810	C., Lăzău, Carmen; M., Nicolaescu, Mircea; C., Orha, Corina; V.A., Serban, Viorel Aurel; C.E., Bandas Ratiu, C. Elena	Self-Powered Photodetector Based on FTO/n-TiO2/p-CuMnO2 Transparent Thin Films	Materials	15	15	10.3390/ma15155229	2022				2-s2.0-85137147124	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137147124&doi=10.3390%2Fma15155229&partnerID=40&md5=9dd0af039c2f974e92b19559c9cbfeid	SCOPUS
811	L., Cochechi, Laura; L., Lupa, Lavinia; N.S., Tolea, Nick Samuel; R.I., Lazău, Radu Ioan; R., Pode, Rodica	IL-Functionalized Mg3Al-LDH as New Efficient Adsorbent for Pd Recovery from Aqueous Solutions	International Journal of Molecular Sciences	23	16	10.3390/ijms23169107	2022				2-s2.0-85137125582	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137125582&doi=10.3390%2Fijms23169107&partnerID=40&md5=e2c2fb385620329fa1aa04332de5ff49	SCOPUS

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812	S.T., Vasudeva, Shrivathsa Thokur; S.S., Rao, Shrikantha Sasihithlu; N., Karanth P, Navin; A.K., Shettigar, Arun Kumar; C., Mahabala, Chakrapani; P.K., Kamath, Padmanabh K.; M.P., Gowdru Chandrashekarappa, Manjunath Patel; E., Linul, Emanoil	Development of a Convolutional Neural Network Model to Predict Coronary Artery Disease Based on Single-Lead and Twelve-Lead ECG Signals	Applied Sciences (Switzerland)	12	15	10.3390/app12157711	2022				2-s2.0-85137087386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137087386&doi=10.3390%2Fapp12157711&partnerID=40&md5=252ad5471e0a111c7a4c9a9d4ab5230a	SCOPUS
813	L.J., Cveticanin, L. J.; N., Herisanu, Nicolae; I., Ninkov, Ivona; M.J., Jovanović, Mladen J.	New Closed-Form Solution for Quadratic Damped and Forced Nonlinear Oscillator with Position-Dependent Mass: Application in Grafted Skin Modeling	Mathematics	10	15	10.3390/math10152706	2022				2-s2.0-85136822861	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136822861&doi=10.3390%2Fmath10152706&partnerID=40&md5=64b1de416b2ca137ab930c7c2830484e	SCOPUS
814	I.I., Drăgoi, Iulia Iovanca; T., Petrița, Teodor; F.G., Popescu, Florina Georgeta; F., Alexa, Florin; S., Barac, Sorin; F.L., Bowling, Frank Lee; N.D., Reeves, Neil D.; C.I., Bondor, Cosmina Ioana; M.E., Ionac, Mihai Edmond	A Signal Processing Method for Assessing Ankle Torque with a Custom-Made Electronic Dynamometer in Participants Affected by Diabetic Peripheral Neuropathy	Sensors	22	16	10.3390/s22166310	2022				2-s2.0-85136669797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136669797&doi=10.3390%2Fs22166310&partnerID=40&md5=cd125eea882b3cedcf61be45ecc7d3d	SCOPUS
815	C., Cuzic, Cristiana; M.O., Pricop, Marius Octavian; A., Jivănescu, Anca; S., Ursoniu, Sorin; R.M., Negru, Radu Marcel; M., Romînu, Mihai	Assessment of Different Techniques for Adhesive Cementation of All-Ceramic Systems	Medicina (Lithuania)	58	8	10.3390/medicina58081006	2022				2-s2.0-85136653276	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136653276&doi=10.3390%2Fmedicina58081006&partnerID=40&md5=2352f1bd3ca8cede12926509deecb00	SCOPUS
816	J., Sun, Jianmin; M., Sarfraz, Muddassar; L., Ivascu, Larisa; K., Iqbal, Kashif; A., Mansoor, Athar	How Did Work-Related Depression, Anxiety, and Stress Hamper Healthcare Employee Performance during COVID-19? The Mediating Role of Job Burnout and Mental Health	International Journal of Environmental Research and Public Health	19	16	10.3390/ijerph191610359	2022				2-s2.0-85136608640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136608640&doi=10.3390%2Fijerph191610359&partnerID=40&md5=f0d77097ab0e32a6af88778a8e3a1ccb	SCOPUS
817	A.A., Andelesc, Adelina Antonia; S., Motoc, Sorina; C., Cretu, Carmen; E., Popa, Evelyn; S.A., Marinescu, Sorin Alin; B., Heinrich, Benoit; F., Manea, Florica; S.C., Negrea, Sorina Claudia; B., Donnio, Bertrand; E.I., Szerb, Elisabeta Ildyko	Pentacoordinated Liquid Crystalline Zn(II) Complex Organized in Smectic Mesophase: Synthesis, Structural and Electrochemical Properties	Applied Sciences (Switzerland)	12	16	10.3390/app12168306	2022				2-s2.0-85136586974	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136586974&doi=10.3390%2Fapp12168306&partnerID=40&md5=0e0da2e36f35586d2444b0e73fa47cb7	SCOPUS
818	I., Păușescu, Iulia; I., Kántor, Izolda; G., Babos, György; Z., May, Zoltán; A., Fodor-Kardos, Andrea; Z., Miskolczy, Zsombor; L., Biczók, László; F., Peter, Francisc; M.A., Medeleanu, Mihai A.; T., Feczko, Tivadar	Halochromic Behavior and Anticancer Effect of New Synthetic Anthocyanidins Complexed with β -Cyclodextrin Derivatives	International Journal of Molecular Sciences	23	15	10.3390/ijms23158103	2022				2-s2.0-85135381909	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135381909&doi=10.3390%2Fijms23158103&partnerID=40&md5=4670ece42050aa0787df6d5c21b08e86	SCOPUS

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819	L., Broască, Laura; A., Trușculescu, Adriana; V.M., Ancusa, V. Maria; H., Ciocărlie, Horia; C.I., Oancea, Cristian Iulian; E.R., Stoicescu, Emil Robert; D.L., Manolescu, Diana Luminița	A Novel Method for Lung Image Processing Using Complex Networks	Tomography	8	4	10.3390/tomography8040162	2022	1928	1946	19	2-s2.0-85135126958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135126958&doi=10.3390%2Ftomography8040162&partnerID=40&md5=eb418f003d53db325ab37e5beee545fa	SCOPUS
820	M., Păulescu, Marius; N., Stefu, Nicoleta; C., Dughir, Ciprian; A., Sabadus, Andreea; D.G., Călinoiu, Delia Gabriela; V., Bădescu, Viorel	A simple but accurate two-state model for nowcasting PV power	Renewable Energy	195		10.1016/j.renene.2022.05.056	2022	322	330	9	2-s2.0-85132319734	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132319734&doi=10.1016%2Fj.renene.2022.05.056&partnerID=40&md5=19543e7440dad4f2d49c96728c3a7b4c	SCOPUS
821	D.M., Dăianu, Daniel M.	Sections in functional equations: stability and hyperstability	Aequationes Mathematicae	96	4	10.1007/s00010-021-00862-2	2022	867	883	17	2-s2.0-85122318671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122318671&doi=10.1007%2Fs00010-021-00862-2&partnerID=40&md5=08a255f1d49d8335d42a69808dd0d313	SCOPUS
822	M., Khalil, Mahmoona; K.F., Khawaja, Kausar Fiaz; M., Sarfraz, Muddassar	The adoption of blockchain technology in the financial sector during the era of fourth industrial revolution: a moderated mediated model	Quality and Quantity	56	4	10.1007/s11135-021-01229-0	2022	2435	2452	18	2-s2.0-85114194425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114194425&doi=10.1007%2Fs11135-021-01229-0&partnerID=40&md5=c2cd415b444be9e898e726e3b0b8720f	SCOPUS
823	L.M., Mihali, Lavinia Maria; S.A., Potra, Sabina Alina; L.I., Dungan, Luisa Izabel; R.I., Negrea, Romeo Iosif; A.E., Cioabă, Adrian Eugen	Key Factors of AS Performance in Emerging Central and Eastern European Countries: Evidence from Romania	Sustainability (Switzerland)	14	14	10.3390/su14148328	2022				2-s2.0-85135636738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135636738&doi=10.3390%2Fs14148328&partnerID=40&md5=6e3b9237e9904be018cbeb8e22036d4a	SCOPUS
824	M., Mahadevaswamy, M.; S., Rao, Srilatha; L., Avinash, Lakshmikanthan; S.A., Swamirayachar, Sowmyashree Ayachith; M.P., Gowdru Chandrashekarappa, Manjunath Patel; K., Giasin, Khaled; V.K., Shivaraju, Vasanth Kumar; M.B., Chougala, Mallikarjun B.; E., Linul, Emanoil	Plant-mediated synthesis of NiO(II) from Lantana camara flowers: a study of photo-catalytic, electrochemical, and biological activities	Journal of Materials Research and Technology	19		10.1016/j.jmrt.2022.06.166	2022	4543	4556	14	2-s2.0-85144101788	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144101788&doi=10.1016%2Fj.jmrt.2022.06.166&partnerID=40&md5=037ebd48e82bcdad421de0a6573ae0fe	SCOPUS

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825	L., Kouhalvandi, Lida; L., Matekovits, Ladislau; I., Peter, Ildiko	Magic of 5G Technology and Optimization Methods Applied to Biomedical Devices: A Survey	Applied Sciences (Switzerland)	12	14	10.3390/app12147096	2022				2-s2.0-85137364910	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137364910&doi=10.3390%2Fapp12147096&partnerID=40&md5=8d18d19521ff89e6a14ee5957a8f5a4f	SCOPUS
826	I.M.C., Ienascu, Ioana Maria Carmen; A., Căta, Adina; M.N., Ștefănuț, Mariana Nela; I.M., Popescu, Iuliana Maria; G.I., Rusu, Gerlinde I.; P., Șfirloagă, Paula; D.H., Ursu, Daniel Horatiu; C., Mosoarca, Cristina; A., Dabici, Anamaria; C.T., Danciu, Corina Tiulea	Novel Chloro-Substituted Salicylanilide Derivatives and Their β -Cyclodextrin Complexes: Synthesis, Characterization, and Antibacterial Activity	Biomedicines	10	7	10.3390/biomedicines10071740	2022				2-s2.0-85137297719	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137297719&doi=10.3390%2Fbiomedicines10071740&partnerID=40&md5=e3ed882c7a2543e30fc1aadea1177463	SCOPUS
827	M.K., Kandeve, M. K.; M.H., Zagorski, Mihail H.; R.R., Nikolić, Ružica R.; B.Ž., Stojanović, Blaža Ž.; A., But, Adrian; F., Botko, František; J., Pitel, Jan; A.A., Vencl, Aleksandar A.	Friction Properties of the Heat-Treated Electroless Ni Coatings Embedded with c-BN Nanoparticles	Coatings	12	7	10.3390/coatings12071008	2022				2-s2.0-85137294726	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137294726&doi=10.3390%2Fcoatings12071008&partnerID=40&md5=a79fb4a03db7e989e64d7ed248201145	SCOPUS
828	E.D., Ardelean, Erika Diana; A.V., Socalici, Ana Virginia; O., Lupu, Oana; D.A., Bistriian, Diana Alina; C., Dobrescu, Cristian; N.S., Constantin, Nicolae S.	Recovery of Waste with a High Iron Content in the Context of the Circular Economy	Materials	15	14	10.3390/ma15144995	2022				2-s2.0-85137272052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137272052&doi=10.3390%2Fma15144995&partnerID=40&md5=e9e54c663bc5f6d01a1018f05defabb9	SCOPUS
829	V., Kumar, Vikas; E., Coleri, Erdem; I.A., Obaid, Ihsan Ali; A.L., Belc, Anda Ligia; A.J., Sutherland, Alex James	Selection of Durable, Environmentally Friendly, and Cost-Effective Asphalt Mixtures	Materials	15	14	10.3390/ma15144873	2022				2-s2.0-85137266797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137266797&doi=10.3390%2Fma15144873&partnerID=40&md5=59168dd8978b4697bf32076e669f77	SCOPUS
830	A.G., Gabor, Alin Gabriel; V.F., Duma, Virgil-Florin Florin; M.M., Fabricky, Mihai M.C.; L., Marșavina, Liviu; A., Tudor, Anca; C., Vancea, Cosmin; P., Negrea, Petru; C., Sinescu, Cosmin	Ceramic Scaffolds for Bone Augmentation: Design and Characterization with SEM and Confocal Microscopy	Materials	15	14	10.3390/ma15144899	2022				2-s2.0-85137265183	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137265183&doi=10.3390%2Fma15144899&partnerID=40&md5=b43edc7e4bccd3b3b45872c69cb7514	SCOPUS

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831	S., Elisabeta, Spunei; N.M., Frumușanu, Nătălița Mihaela; R., Muntean, Roxana; G.M., Marginean, Gabriela M.	Impact of COVID-19 Pandemic on the Educational-Instructional Process of the Students from Technical Faculties	Sustainability (Switzerland)	14	14	10.3390/su14148586	2022				2-s2.0-85137177042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137177042&doi=10.3390%2Fsu14148586&partnerID=40&md5=a9792ee37056e3c87b4802d60465f204	SCOPUS
832	A., Draghici, A.; S., Dursun, Salih; O., Başol, Oğuz; M.E., Boatca-Barabas, Maria Elena; A., Gaureanu, Alin	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	Sustainability (Switzerland)	14	14	10.3390/su14148464	2022				2-s2.0-85136403656	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136403656&doi=10.3390%2Fsu14148464&partnerID=40&md5=f5ee6d2f86437493dd2fee34df7edb9	SCOPUS
833	A.M., Lacrămă, Ana Maria; O.I., Ivankov, O. I.; A.I., Kuklin, Alexander Ivanovich; V.V., Ryukhtin, Vasyi V.; C., Ianăși, Cătălin; M., Ciopec, Mihaela; A., Negrea, Adina; L., Trif, László; Z.E., Horváth, Zsolt Endre; L., Almásy, László	Ordered Mesoporous Silica Prepared in Different Solvent Conditions: Application for Cu(II) and Pb(II) Adsorption	Gels	8	7	10.3390/gels8070443	2022				2-s2.0-85136195000	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136195000&doi=10.3390%2Fgels8070443&partnerID=40&md5=fbf04f3a6a0e7deef14f1423e2bc14d7	SCOPUS
834	A.E., Segneanu, A. E.; C.N., Marin, C. N.; D.D., Herea, Dumitru Daniel; I., Stanusoiu, Ionut; C.V., Muntean, Cornelia Veronica; I., Grozescu, Ioan	Romanian Viscum album L.—Untargeted Low-Molecular Metabolomic Approach to Engineered Viscum–AuNPs Carrier Assembly	Plants	11	14	10.3390/plants11141820	2022				2-s2.0-85136166285	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136166285&doi=10.3390%2Fplants11141820&partnerID=40&md5=b6517f8ee82747a5d699cf47197ce94	SCOPUS
835	C., Rinjea, Constanța; O.R., Chivu, Oana Roxana; D.C., Darabont, Doru Costin; A.I., Feier, Anamaria Ioana; C., Tistere-Borda, Claudia; M., Gheorghe, Marilena; D.F., Nițoi, Daniel Florin	Influence of the Thermal Environment on Occupational Health and Safety in Automotive Industry: A Case Study	International Journal of Environmental Research and Public Health	19	14	10.3390/ijerph19148572	2022				2-s2.0-85135134290	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135134290&doi=10.3390%2Fijerph19148572&partnerID=40&md5=ab6b38b94157782bc5665e3ce94ce61	SCOPUS
836	A., Filimon, Anca; A.M., Dobos, Adina Maria; O., Dumbrava, Oana; F., Doroftei, Florica; L., Lupa, Lavinia	Green Blends Based on Ionic Liquids with Improved Performance for Membrane Technology: Perspectives for Environmental Applications	International Journal of Molecular Sciences	23	14	10.3390/ijms23147961	2022				2-s2.0-85135103113	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135103113&doi=10.3390%2Fijms23147961&partnerID=40&md5=4b1d87b69b99f50263329c1056389883	SCOPUS
837	D.K., Rajak, Dipen Kumar; P.H., Wagh, Pratiksha Hiralal; E., Linul, Emanoil	A Review on Synthetic Fibers for Polymer Matrix Composites: Performance, Failure Modes and Applications	Materials	15	14	10.3390/ma15144790	2022				2-s2.0-85134678780	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134678780&doi=10.3390%2Fma15144790&partnerID=40&md5=69ade8c022c44b0e4f210b54800dce4	SCOPUS

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838	I., Mitelea, Ion; I., Bordeasu, Ilare; D.P., Mutașcu, Daniel Paul; D., Buzdugan, Dragoș; C.M., Crăciunescu, Corneliu Marius	Cavitation resistance of Stellite 21 coatings tungsten inert gas (TIG) deposited onto duplex stainless steel X2CrNiMoN22-5-3	Materialpruefung/Materials Testing	64	7	10.1515/mt-2021-2169	2022	967	976	10	2-s2.0-85134232603	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134232603&doi=10.1515%2Fmt-2021-2169&partnerID=40&md5=0111855a9fe41de284bcb9101456d1	SCOPUS
839	M.B., Radac, Mircea Bogdan	Trajectory Tracking within a Hierarchical Primitive-Based Learning Approach	Entropy	24	7	10.3390/e24070889	2022				2-s2.0-85133724339	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133724339&doi=10.3390%2Fe24070889&partnerID=40&md5=a57ddfe7b00ff6a10970c58804bc71f	SCOPUS
840	A., Simo, Attila; F., Mihai Frigura-Iliasa, Flaviu; M., Frigura-Iliasa, Mihaela; P., Andea, Petru; S., Mușuroi, Sorin	Service Limits for Metal Oxide Varistors Having Cylindrical Symmetry as Function of the Ambient Temperature	Symmetry	14	7	10.3390/sym14071351	2022				2-s2.0-85133522744	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133522744&doi=10.3390%2Fsym14071351&partnerID=40&md5=8c1aa36a0795c9b93b405f1d17211998	SCOPUS
841	G.V., Cozma, Gabriel Veniamin; D.M., Onchis, Darian M.; C.M., Istin, Codruta Mihaela; I.A., Petrache, Ioan Adrian	Explainable Machine Learning Solution for Observing Optimal Surgery Timings in Thoracic Cancer Diagnosis	Applied Sciences (Switzerland)	12	13	10.3390/app12136506	2022				2-s2.0-85133495630	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133495630&doi=10.3390%2Fapp12136506&partnerID=40&md5=3558fd46c9f947bbc29b47b00ff369ff	SCOPUS
842	S., Lu, Sining; P.I., Theoharis, Panagiotis Ioannis; R.S., Raad, Raad Samir; F.E.M., Tubbal, Faisal Em M.; A., Theoharis, Angelos; S., Iranmanesh, Saied; S., Abulgasem, Suhila; M.U., Ali Khan, Muhammad Usman; L., Matekovits, Ladislau	A Survey on CubeSat Missions and Their Antenna Designs	Electronics (Switzerland)	11	13	10.3390/electronics11132021	2022				2-s2.0-85132836375	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132836375&doi=10.3390%2Felectronics11132021&partnerID=40&md5=31891757cf843b85f508d4f83cef7d97	SCOPUS
843	A., Tleuken, Aidana; A., Turkyilmaz, Ali; M., Sovetbek, Magzhan; S., Durdiev, Serdar; M., Guney, Mert; G., Tokazhanov, Galym; L., Wiechetek, Łukasz; Z., Pastuszak, Zbigniew; A., Draghici, A.; M.E., Boatca-Barabas, Maria Elena	Effects of the residential built environment on remote work productivity and satisfaction during COVID-19 lockdowns: An analysis of workers' perceptions	Building and Environment	219		10.1016/j.buildenv.2022.109234	2022				2-s2.0-85131406410	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131406410&doi=10.1016%2Fj.buildenv.2022.109234&partnerID=40&md5=f0d9a15f3517d6cfd945fb61df0610df	SCOPUS

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844	I.I., Ailinei, Iulian Ionut; S.V., Galațanu, Sergiu Valentin; L., Marșavina, Liviu	Influence of anisotropy on the cold bending of S600MC sheet metal	Engineering Failure Analysis	137		10.1016/j.engfailanal.2022.106206	2022				2-s2.0-85127468378	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127468378&doi=10.1016%2Fj.engfailanal.2022.106206&partnerID=40&md5=5dc01f6749e34ad75d5fe2707332f0	SCOPUS
845	M., Sarfraz, Muddassar; K.F., Khawaja, Kausar Fiaz; L., Ivascu, Larisa	Factors affecting business school students' performance during the COVID-19 pandemic: A moderated and mediated model	International Journal of Management Education	20	2	10.1016/j.ijme.2022.100630	2022				2-s2.0-85125530837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125530837&doi=10.1016%2Fj.ijme.2022.100630&partnerID=40&md5=0c27107a79c3a6f76c1dedb75d28c52e	SCOPUS
846	L., Ivascu, Larisa; C.D., Pavel, Codruța Daniela; M., Sarfraz, Muddassar; B.V., Arulanandam, Benedict Valentine; H.Y., Tan, Hong Yip	An Exploratory Study on Corporate Governance From Neuro-Governance Lenses in the Malaysian Context	Frontiers in Psychology	13		10.3389/fpsyg.2022.911907	2022				2-s2.0-85133507972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133507972&doi=10.3389%2Fpsyg.2022.911907&partnerID=40&md5=d733a734dee68ee111e1b646b77ac0f9	SCOPUS
847	V., Stupar, Vlad; D.M., Virginia-Mihaela, Dragnea M.; A.M., Popa, Alina Mirela; L., Gligor, Loredana; A.R., Manzur, Andrei Raul; R., Birza, Romina; M., Ardelean, Mihai; S.A., Mihaicuta, Ștefan A.	Sleep apnoea syndrome in patients with chronic obstructive pulmonary disease and obesity - hypoxic load, comorbidities; Sindromul de apnee în somn la pacienții cu bronhopneumopatie cronică obstructivă și obezitate- povara hipoxică și comorbidități	Pneumologia	71	1	10.2478/pneum-2023-0012	2022	8	13	6	2-s2.0-85164779472	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164779472&doi=10.2478%2Fpneum-2023-0012&partnerID=40&md5=06c8e621db18f9b44dd613ec4fe1c668	SCOPUS
848	R.C., Ene, Raul Catalin; S., Brata, Silviana; I., Boros, Iosif; R.V., Chendeș, Remus Vasile; D., Dan, Daniel	Theoretical Study on the Effect of Parallel Air Chambers Embedded in Rockwool Panels on the Energy Consumption of a Low-Energy High School	Sustainability (Switzerland)	14	12	10.3390/su14127425	2022				2-s2.0-85132801953	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132801953&doi=10.3390%2Fsu14127425&partnerID=40&md5=0c374fa96ac69f2e3c2536a15c7c7258	SCOPUS
849	A., Topirceanu, Alexandru	Benchmarking Cost-Effective Opinion Injection Strategies in Complex Networks	Mathematics	10	12	10.3390/math10122067	2022				2-s2.0-85132748149	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132748149&doi=10.3390%2Fmath10122067&partnerID=40&md5=e3e42cc5143052734a328e8f72014c52	SCOPUS

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850	H.V., Srikanth, H. V.; K., Shivalingaiah, Kanchiraya; M.B., Davanageri, Mahesh Basetteppa; C.P., Pon Selvan, Chithirai Pon; L., Avinash, Lakshmikanthan; M.P., Gowdu Chandrashekarappa, Manjunath Patel; A.R.R., Kaladgi, Abdul Razak R.; B.A., Praveena, B. A.; E., Limul, Emanoil	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	Applied Sciences (Switzerland)	12	12	10.3390/app12125987	2022				2-s2.0-85132265848	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132265848&doi=10.3390%2Fapp12125987&partnerID=40&md5=048ba06ace91b869c63c2ae079dc692d	SCOPUS
851	A., Falk, Alexandru; I.O., Pop, Ion Octavian; J., Dopeux, Jérôme; L., Marşavina, Liviu	Assessment of Strains Produced by Thermal Expansion in Printed Circuit Boards	Materials	15	11	10.3390/ma15113916	2022				2-s2.0-85132258669	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132258669&doi=10.3390%2Fma15113916&partnerID=40&md5=767a9463974e4069fb03dcc743917a29	SCOPUS
852	C.C., Secasan, Ciprian Cosmin; D.M., Onchis, Darian M.; T.R., Bardan, Tiberiu Răzvan; A.A., Cumpănaş, Alin Adrian; D., Novacescu, D.; C., Botoca, Corina; A.L.C., Dema, Alis Liliana Carmen; I., Sporea, Ioan	Artificial Intelligence System for Predicting Prostate Cancer Lesions from Shear Wave Elastography Measurements	Current Oncology	29	6	10.3390/curroncol29060336	2022	4212	4223	12	2-s2.0-85132158363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132158363&doi=10.3390%2Fcurroncol29060336&partnerID=40&md5=7953f8e84b04da9e200d006b06295d39	SCOPUS
853	S.E., Ahmed, Shady E.; P.H., Dabaghian, P. H.; O., San, Omer; D.A., Bistrian, Diana Alina; I.M., Navon, I. M.	Dynamic mode decomposition with core sketch	Physics of Fluids	34	6	10.1063/5.0095163	2022				2-s2.0-85132034859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132034859&doi=10.1063%2F5.0095163&partnerID=40&md5=66fe79b6dd79a5919b039e657b444a206	SCOPUS
854	R.D., Vasiliu, Roxana Diana; I.D., Utu, Ion Dragos; L., Rusu, Lucian; A., Boloş, Adrian; L., Sandu, Liliana	Fractographic and Microhardness Evaluation of All-Ceramic Hot-Pressed and CAD/CAM Restorations after Hydrothermal Aging	Materials	15	11	10.3390/ma15113987	2022				2-s2.0-85131782561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131782561&doi=10.3390%2Fma15113987&partnerID=40&md5=2fbd966f94b0643de71b964a1a25c287	SCOPUS
855	V.F., Duma, Virgil-Florin Florin; M.A., Duma, Maria Alexandra	Optomechanical Analysis and Design of Polygon Mirror-Based Laser Scanners	Applied Sciences (Switzerland)	12	11	10.3390/app12115592	2022				2-s2.0-85131723924	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131723924&doi=10.3390%2Fapp12115592&partnerID=40&md5=a7e66afd16b4ac682bb7582f9702d75a	SCOPUS
856	A.E., Moacă, Alina Elena; C.G., Watz, Claudia Geanina; D., Flondor, Daniela; C., Păcurariu, Cornelia; L., Barbu-Tudoran, Lucian; R., Ianoş, Robert; V.M., Socoliuc, Vlad Mircea; G.A., Draghici, George Andrei; A., Iftode, Andrada; S., Liga, Sergio	Biosynthesis of Iron Oxide Nanoparticles: Physico-Chemical Characterization and Their In Vitro Cytotoxicity on Healthy and Tumorigenic Cell Lines	Nanomaterials	12	12	10.3390/nano12122012	2022				2-s2.0-85131563941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131563941&doi=10.3390%2Fnano12122012&partnerID=40&md5=78f50e71cde11c77cc399fd185701a16	SCOPUS

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857	L., Sandu, Liliana; F.R., Roxana Toma, Flavia Roxana; M.I., Birdeanu, Mihaela Ionela; R.D., Vasiliu, Roxana Diana; I.D., Utu, Ion Dragos; A.M., Maticescu, Ana Maria	Surface Characteristics and Color Stability of Dental PEEK Related to Water Saturation and Thermal Cycling	Polymers	14	11	10.3390/polym14112144	2022				2-s2.0-85131423159	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131423159&doi=10.3390%2Fpolym14112144&partnerID=40&md5=758d05ebcf13d9f16ebd6e95805d897f	SCOPUS
858	I.D., Utu, Ion Dragos; I., Hulka, Iosif; N., Kazamer, Norbert; A.T., Constantin, Albert Titus; G.M., Marginean, Gabriela M.	Hot-Corrosion and Particle Erosion Resistance of Co-Based Brazed Alloy Coatings	Crystals	12	6	10.3390/cryst12060762	2022				2-s2.0-85131374840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131374840&doi=10.3390%2Fcryst12060762&partnerID=40&md5=34be06c6b8ce53a522c8a9e0c18d9781	SCOPUS
859	L., Kouhalvandi, Lida; O., Ceylan, Osman; S., Ozoguz, Serdar; L., Matekovits, Ladislau	Multi-Tone Harmonic Balance Optimization for High-Power Amplifiers through Coarse and Fine Models Based on X-Parameters	Sensors	22	11	10.3390/s22114305	2022				2-s2.0-85131328297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131328297&doi=10.3390%2Fs22114305&partnerID=40&md5=8339ec89c62fa73bc897b1ea95fa9042	SCOPUS
860	G., Năstase, Gabriel; I.S., Doboși, Ioan Silviu; A.I., Brezeanu, Alin Ionut; D., Taus, Daniel; M.B., Tăbăcaru, Maria Bianca; B.G., Vuțoiu, Beatrice Georgiana; D., Rusu, Diana; A.M., Bulmez, Alexandru Mihai; N.F., Iordan, Nicolae Fani	Experimental Heat Transfer, Sound Insulation and Interior Comfort Parameters Assessment on a Box Double-Skin Façade	Buildings	12	6	10.3390/buildings12060730	2022				2-s2.0-85131317146	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131317146&doi=10.3390%2Fbuildings12060730&partnerID=40&md5=734cc639a99b041182d936cd9c1e079c	SCOPUS
861	N., Chieffo, Nicola; A., Formisano, Antonio; R., Landolfi, Raffaele; G., Milani, Gabriele	A vulnerability index based-approach for the historical centre of the city of Latronico (Potenza, Southern Italy)	Engineering Failure Analysis	136		10.1016/j.engfailanal.2022.106207	2022				2-s2.0-85125711475	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125711475&doi=10.1016%2Fj.engfailanal.2022.106207&partnerID=40&md5=d198478331693c831eb13e9ea5305ae	SCOPUS
862	G., Moza, Gheorghe; D.M., Constantinescu, Dana M.; R., Efrem, Raluca; L., Bucur, L.; R., Constantinescu, Radu	Analysis of a Class of Lotka–Volterra Systems	Qualitative Theory of Dynamical Systems	21	2	10.1007/s12346-022-00563-4	2022				2-s2.0-85124771407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124771407&doi=10.1007%2Fs12346-022-00563-4&partnerID=40&md5=f2723b638b7339a2ae4979e6c1c6ee46	SCOPUS

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863	E., Whewell, Emma; H., Caldwell, Helen; M., Frydenberg, Mark; D., Andone, Diana	Changemakers as digital makers: Connecting and co-creating	Education and Information Technologies	27	5	10.1007/s10639-022-10892-1	2022	6691	6713	23	2-s2.0-85123474970	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123474970&doi=10.1007%2Fs10639-022-10892-1&partnerID=40&md5=9c45188b8086d75326b90f89a3594641	SCOPUS
864	S., Yu, Songbo; J., Abbas, Jaffar; A., Draghici, A.; O.H., Negulescu, Oriana Helena; N.U., Ain, Noor Ul	Social Media Application as a New Paradigm for Business Communication: The Role of COVID-19 Knowledge, Social Distancing, and Preventive Attitudes	Frontiers in Psychology	13		10.3389/fpsyg.2022.903082	2022				2-s2.0-85131753080	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131753080&doi=10.3389%2Fpsyg.2022.903082&partnerID=40&md5=c59b2048c5a16b2e4f2010b2735ab476	SCOPUS
865	S., Laedre, Sigrid; C.M., Crăciunescu, Corneliu Marius; T., Khoza, Thulile; N., Vaszilcsin, N.; A., Kellenberger, Andrea; V.M., Bolocan, Vlad Marius; I., Mitelea, Ion; A., Ercuța, Aurel	Issues regarding bipolar plate-gas diffusion layer interfacial contact resistance determination	Journal of Power Sources	530		10.1016/j.jpowsour.2022.231275	2022				2-s2.0-85126544745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126544745&doi=10.1016%2Fj.jpowsour.2022.231275&partnerID=40&md5=8ad5b9c5ab9b681892b122df848bfb17	SCOPUS
866	P., Raška, Pavel; N., Bezak, Nejc; C.S.S., Ferreira, Carla Sofia Santos; Z., Kalantari, Zahra; K., Banasik, K.; M., Bertola, M.; M.C., Bourke, M. C.; A., Cerdà, A.; P.R., Davids, Peter R.; M.M., de Brito, Mariana Madruga	Identifying barriers for nature-based solutions in flood risk management: An interdisciplinary overview using expert community approach	Journal of Environmental Management	310		10.1016/j.jenvman.2022.114725	2022				2-s2.0-85124971003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124971003&doi=10.1016%2Fj.jenvman.2022.114725&partnerID=40&md5=13366dfab893de098b52720ee8ee36b9	SCOPUS
867	I., Mitelea, Ion; I., Bordeasu, Ilare; E., Riemschneider, Eduard; I.D., Utu, Ion Dragos; C.M., Crăciunescu, Corneliu Marius	Cavitation erosion improvement following TIG surface-remelting of gray cast iron	Wear	496-497		10.1016/j.wear.2022.204282	2022				2-s2.0-85124740267	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124740267&doi=10.1016%2Fj.wear.2022.204282&partnerID=40&md5=f35be38aed4fd35a12ce020f25f50ab7	SCOPUS
868	D.H., Ursu, Daniel Horatiu; R., Bănică, Radu; M., Vajda, Melinda; C.B., Baneasa, Corneliu Birtok; M., Miclău, Marinela	Investigation of silver nanowires in Zn2SnO4 spheres for enhanced dye-sensitized solar cells performance	Journal of Alloys and Compounds	902		10.1016/j.jallcom.2022.163890	2022				2-s2.0-85123217401	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123217401&doi=10.1016%2Fj.jallcom.2022.163890&partnerID=40&md5=e0091e1082b4e4dd9005b3fffa07f	SCOPUS

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869	C., Bădăluța-Minda, Codruța; M.V., Herbei, Mihai Valentin	MODELLING THE SURFACE RUNOFF IN THE BARZAVA BASIN BASED ON GEOGRAPHIC INFORMATION SYSTEMS AND HEC GeoHMS	Environmental Engineering and Management Journal	21	5	10.30638/ceemj.2022.079	2022	869	877	9	2-s2.0-85137392176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137392176&doi=10.30638%2Feemj.2022.079&partnerID=40&md5=0e9aa0ff1a86874e144e2a47f471be7	SCOPUS
870	F.R., Roxana Toma, Flavia Roxana; M.I., Birdeanu, Mihaela Ionela; I.D., Utu, Ion Dragos; R.D., Vasiliu, Roxana Diana; L.C., Moleriu, Lavinia Cristina; L., Sandu, Liliana	Surface Characteristics of High Translucent Multilayered Dental Zirconia Related to Aging	Materials	15	10	10.3390/ma15103606	2022				2-s2.0-85130982074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130982074&doi=10.3390%2Fma15103606&partnerID=40&md5=2ce181a3a93f433da39b7d3f1ed2c53f	SCOPUS
871	C., Barbulescu, Corneliu; D.V., Căiman, Dadiana Valeria; T.L., Dragomir, Toma Leonida	Parameter Observer Useable for the Condition Monitoring of a Capacitor	Applied Sciences (Switzerland)	12	10	10.3390/app12104891	2022				2-s2.0-85130541663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130541663&doi=10.3390%2Fapp12104891&partnerID=40&md5=a1d7825cce34b9ff4840a7e4f15ba5b1e	SCOPUS
872	M., Sarfraz, Muddassar; L., Ivaseu, Larisa; M.I., Abdullah, Muhammad Ibrahim; I., Ozturk, Ilknur; J., Tariq, Jasim	Exploring a Pathway to Sustainable Performance in Manufacturing Firms: The Interplay between Innovation Capabilities, Green Process and Product Innovations and Digital Leadership	Sustainability (Switzerland)	14	10	10.3390/su14105945	2022				2-s2.0-85130519110	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130519110&doi=10.3390%2Fsu14105945&partnerID=40&md5=d683b0738e4386093ca7468e9ef700a1	SCOPUS
873	G.E., Moșoarcă, Giannin Emanuel; S., Popa, S.; C., Vancea, Cosmin; M.L., Dan, Mircea Laurențiu; S., Boran, Sorina	Removal of Methylene Blue from Aqueous Solutions Using a New Natural Lignocellulosic Adsorbent—Raspberry (Rubus idaeus) Leaves Powder	Polymers	14	10	10.3390/polym14101966	2022				2-s2.0-85130511700	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130511700&doi=10.3390%2Fpolym14101966&partnerID=40&md5=9eef6f5666a7a5c35565ea89ef1581ab	SCOPUS
874	C., Covaci, Corina; A., Gontean, Aurel	“Singing” Multilayer Ceramic Capacitors and Mitigation Methods—A Review	Sensors	22	10	10.3390/s22103869	2022				2-s2.0-85130278753	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130278753&doi=10.3390%2Fs22103869&partnerID=40&md5=f130fab1b379f9b41ba77377054ba5a	SCOPUS
875	S., Lugojan, Sorin; L., Ciurdariu, Loredana; E., Grecu, Eugenia	Chenciner Bifurcation Presenting a Further Degree of Degeneration	Mathematics	10	9	10.3390/math10091603	2022				2-s2.0-85130274030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130274030&doi=10.3390%2Fmath10091603&partnerID=40&md5=106204603cfab62cf24da129831480a3	SCOPUS

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876	R., Ardelean, Radu; A., Popa, Adriana; E.S., Dragan, Ecaterina Stela; C.M., Davidescu, Corneliu Mircea; M.I., Ignat, Maria I.	New Polymeric Adsorbents Functionalized with Aminobenzoic Groups for the Removal of Residual Antibiotics	Molecules	27	9	10.3390/molecules27092894	2022				2-s2.0-85130071830	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130071830&doi=10.3390%2Fmolecules27092894&partnerID=40&md5=aebc6ed882a1f9cfl6712f62a3ab53de	SCOPUS
877	C.S., Stangaciu, Cristina Sorina; E.A., Capota, Eugenia Ana; V., Stangaciu, Valentin; M.V., Micea, Mihai Victor; D.I., Curiac, Daniel Ioan	A Hardware-Aware Application Execution Model in Mixed-Criticality Internet of Things	Mathematics	10	9	10.3390/math10091537	2022				2-s2.0-85130056921	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130056921&doi=10.3390%2Fmath10091537&partnerID=40&md5=2a223762bf8019696811ab194d7da378	SCOPUS
878	D.E., Mocuța, Daliana Emanuela; O.A., Grad, Oana Alexandra; M., Mateas, Marius; R.E., Luca, Ruxandra Elena; C.D., Todea, Carmen Darinca	Comparative Evaluation of Influence of Nd:YAG Laser (1064 nm) and 980 nm Diode Laser on Enamel around Orthodontic Brackets: An In Vitro Study	Medicina (Lithuania)	58	5	10.3390/medicina58050633	2022				2-s2.0-85129987048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129987048&doi=10.3390%2Fmedicina58050633&partnerID=40&md5=128d8928d9616e55ace88b0a4dfe677	SCOPUS
879	M., Cernicova-Buca, Mariana; D.L., Ciurel, Daniel Liviu	Developing Resilience to Disinformation: A Game-Based Method for Future Communicators	Sustainability (Switzerland)	14	9	10.3390/su14095438	2022				2-s2.0-85129888753	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129888753&doi=10.3390%2Fsu14095438&partnerID=40&md5=d1dc339865947f91b3d8616a4a24612	SCOPUS
880	R., Hălbac-Cotoară-Zamfir, Rareș; A.J., Farias-Ramirez, Asdrubal Jesus; J.H.d., Miranda, Jarbas Honorio de; M.A., Moreno-Pizani, Maria Alejandra; S.N., Duarte, Sergio Nascimento; F., Paredes-Trejo, Franklin; L., Salvati, Luca; C., Halbac-Cotoara-Zamfir, Cristina	Simulation of Subsurface Drainage in the Sugarcane Crop under Different Spacing and Drain Depths	Land	11	5	10.3390/land11050626	2022				2-s2.0-85129882704	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129882704&doi=10.3390%2Fland11050626&partnerID=40&md5=834740489ffa42e05291b08a9f92ace5	SCOPUS
881	L., Orel, Laura; O.A., Velea-Barta, Oana Alexandra; C., Sinescu, Cosmin; V.F., Duma, Virgil-Florin Florin; L.M., Nica, Luminița Maria; R.M., Horhat, Razvan Mihai; R.D., Chirila, Raul Dorin; A., Tudor, Anca; D.D., Vulcanescu, Dan Dumitru; M.L., Negrutiu, Meda Lavinia	Comparative Assessment of the Shaping Ability of Recipro Blue, WaveOne Gold, and ProTaper Gold in Simulated Root Canals	Materials	15	9	10.3390/ma15093028	2022				2-s2.0-85129273795	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129273795&doi=10.3390%2Fma15093028&partnerID=40&md5=cce73d307d473ed45029f4bba78a82b8	SCOPUS
882	S., Zhijie, Song; N., Gull, Nida; M.M., Asghar, Muhammad Mansoor; M., Sarfraz, Muddassar; R., Shi, Rui; M.A., Rafique, Muhammad Asim	Polychronicity, Time Perspective, and Procrastination Behavior at the Workplace: An Empirical Study; Policronicidad, perspectiva temporal y comportamiento de procrastinación en el puesto de trabajo: un estudio empírico	Anales de Psicología	38	2	10.6018/analesps.427401	2022	355	364	10	2-s2.0-85129252996	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129252996&doi=10.6018%2Fanalesps.427401&partnerID=40&md5=c345cc9a4f8bf7a993b98b196c84977b	SCOPUS

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883	I.L., Drăgoi, Iulia Iovanca; F.G., Popescu, Florina Georgeta; T., Petrița, Teodor; F., Alexa, Florin; S., Barac, Sorin; C.I., Bondor, Cosmina Ioana; E.A., Pauncu, Elena Ana; F.L., Bowling, Frank Lee; N.D., Reeves, Neil D.; M.E., Ionac, Mihai Edmond	Acute Effects of Sedentary Behavior on Ankle Torque Assessed with a Custom-Made Electronic Dynamometer	Journal of Clinical Medicine	11	9	10.3390/jcm11092474	2022				2-s2.0-85129081104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129081104&doi=10.3390%2Fjcm11092474&partnerID=40&md5=105313a6f3a9350d2d82eb7dd6b8e668	SCOPUS
884	L., Sandu, Liliana; F.R., Roxana Toma, Flavia Roxana; I.D., Utu, Ion Dragos; R.D., Vasiliu, Roxana Diana	Optical Behavior and Surface Analysis of Dental Resin Matrix Ceramics Related to Thermocycling and Finishing	Applied Sciences (Switzerland)	12	9	10.3390/app12094346	2022				2-s2.0-85129038609	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129038609&doi=10.3390%2Fapp12094346&partnerID=40&md5=b49bf44cfbfbeb8e3ae6c4a6067a022d	SCOPUS
885	M.D., Epée Epée, Michel Douglas; O., Motapon, Ousmanou; N., Pop, Nicolina; F., Iacob, Felix; E.M., Roueff, Evelyne M.; I.F., Schneider, Ioan F.; J.Z., Mezei, János Z.	Dissociative recombination and rotational transitions of D+Zn collisions with slow electrons	Monthly Notices of the Royal Astronomical Society	512	1	10.1093/mnras/stac501	2022	424	429	6	2-s2.0-85127939365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127939365&doi=10.1093%2Fmnras%2Fstac501&partnerID=40&md5=800f8d5d2f492de48d248bd21fb7bb194	SCOPUS
886	R.I., Lazău, Radu Ioan; R., Ianoș, Robert; C., Păcurariu, Cornelia; A., Căpraru, Aylin	Comparative study on SrAl2O4 formation using different approaches	Ceramics International	48	9	10.1016/j.ceramint.2022.01.205	2022	13271	13276	6	2-s2.0-85123735512	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123735512&doi=10.1016%2Fj.ceramint.2022.01.205&partnerID=40&md5=24d07a76e49bfcc1576ae82fea4ed835	SCOPUS
887	C., Stolojescu-Crisan, Cristina; B.P., Butunoi, Bogdan Petru; C., Crisan, Calin	An IoT Based Smart Irrigation System	IEEE Consumer Electronics Magazine	11	3	10.1109/MCE.2021.3084123	2022	50	58	9	2-s2.0-85107196560	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107196560&doi=10.1109%2FMCE.2021.3084123&partnerID=40&md5=2f6560331763038231e8e5571444b09c	SCOPUS
888	L., Ivascu, Larisa; A.E., Domil, Aura Emanuela; A.E., Artene, Alin Emanuel; O., Bogdan, Oana; V., Burcă, Valentin; C.D., Pavel, Codruța Daniela	Psychological and Behavior Changes of Consumer Preferences During COVID-19 Pandemic Times: An Application of GLM Regression Model	Frontiers in Psychology	13		10.3389/fpsyg.2022.879368	2022				2-s2.0-85130282570	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130282570&doi=10.3389%2Fpsyg.2022.879368&partnerID=40&md5=fc803f9c34b234ee3b98465a31a97514	SCOPUS

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889	A.A., Dar, Afzal Ahmed; J., Hameed, Javaria; C., Huo, Chunhui; M., Sarfraz, Muddassar; G.I., Albasher, Gadah Ibraheem; C., Wang, Chuanyi; A., Nawaz, Ahsan	Recent optimization and panelizing measures for green energy projects; insights into CO2 emission influencing to circular economy	Fuel	314		10.1016/j.fuel.2021.123094	2022				2-s2.0-85123212698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123212698&doi=10.1016%2Fj.fuel.2021.123094&partnerID=40&md5=5b6e16063a60aa0b3b4caa751e86a8d7	SCOPUS
890	A., Chirita-Emandi, Adela; C.A.M., Petrescu, Carmen Angela Maria; C.G., Zimbru, Cristian G.; F., Stoica, Florina; C.V., Marian, Catalin Valer; A., Ciubotaru, Andreea; M.T., Bătăneanț, Mihaela Tatiana; M., Puiu, Maria	Case Report: Novel Biallelic Variants in DNAJC21 Causing an Inherited Bone Marrow Failure Spectrum Phenotype: An Odyssey to Diagnosis	Frontiers in Genetics	13		10.3389/fgene.2022.870233	2022				2-s2.0-85128662966	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128662966&doi=10.3389%2Ffgene.2022.870233&partnerID=40&md5=f7da10cf971883a0f947ec9eb8692f52	SCOPUS
891	M., Ciopec, Mihaela; O.A., Grad, Oana Alexandra; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; R., Voda, Raluca; C., Ianăși, Cătălin	Highly Efficient Recovery of Ruthenium from Aqueous Solutions by Adsorption Using Dibenzo-30-Crown-10 Doped Chitosan	Polymers	14	8	10.3390/polym14081551	2022				2-s2.0-85129665882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129665882&doi=10.3390%2Fpolym14081551&partnerID=40&md5=4c6c3e98e0b5ec9d1f2966894aaed9f	SCOPUS
892	A., Kellenberger, Andrea; D.A., Duca, Delia Andrada; M.L., Dan, Mircea Laurențiu; M.A., Medeleanu, Mihai A.	Recycling Unused Midazolam Drug as Efficient Corrosion Inhibitor for Copper in Nitric Acid Solution	Materials	15	8	10.3390/ma15082918	2022				2-s2.0-85129252518	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129252518&doi=10.3390%2Fma15082918&partnerID=40&md5=70ca90ab38ed5b90fe07837b592ba17d	SCOPUS
893	R.E., Precup, Radu Emil; Ș., Preitl, Ștefan; C.A., Bojan-Dragos, Claudia Adina; E.L., Hedrea, Elena Lorena; R.C., Roman, Raul Cristian; E.M., Petriu, Emil M.	A LOW-COST APPROACH TO DATA-DRIVEN FUZZY CONTROL OF SERVO SYSTEMS	Facta Universitatis, Series: Mechanical Engineering	20	1	10.22190/FUME220111005P	2022	21	36	16	2-s2.0-85129132448	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129132448&doi=10.22190%2FFUME220111005P&partnerID=40&md5=fe8c541bcbd8a050762aa1274822f775	SCOPUS
894	B., Gajšek, Brigita; A., Draghici, A.; M.E., Boatca-Barabas, Maria Elena; A., Gaureanu, Alin; D.F., Robescu, Diana Florina	Linking the Use of Ergonomics Methods to Workplace Social Sustainability: The Ovako Working Posture Assessment System and Rapid Entire Body Assessment Method	Sustainability (Switzerland)	14	7	10.3390/su14074301	2022				2-s2.0-85128469260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128469260&doi=10.3390%2Fsu14074301&partnerID=40&md5=a69b053913d454170f2a69c63b0b323d	SCOPUS
895	O.M., Kiliç, Orhan Mete; M., Budak, Mesut; E., Günel, Elif; N., Acir, Nurullah; R., Hälbec-Cotoară-Zamfir, Rareș; S.A., Al-Farraj, Saleh A.; M.J., Ansari, Mohammad Javed	Soil salinity assessment of a natural pasture using remote sensing techniques in central Anatolia, Turkey	PLOS ONE	17		10.1371/journal.pone.0266915	2022				2-s2.0-85128454507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128454507&doi=10.1371%2Fjournal.pone.0266915&partnerID=40&md5=0f1aaf23e5cbbbc67f414f7508724ff1	SCOPUS

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896	F., Sanfilippo, Filippo; T., Blažauskas, Tomas; G., Salvietti, Gionata; I.M.P., Ramos, Isabel Maria Pinto; S., Vert, Silviu; J., Radianti, Jaziar; T.A., Majchrzak, Tim A.; D., Oliveira, Daniel	A Perspective Review on Integrating VR/AR with Haptics into STEM Education for Multi-Sensory Learning†	Robotics	11	2	10.3390/robotics11020041	2022				2-s2.0-85128414157	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128414157&doi=10.3390%2Frobotics11020041&partnerID=40&md5=d1a247fb4987fc02b83b478c6492f525	SCOPUS
897	A.K., Behura, Arun Kumar; C.P., Mohanty, Chinmaya Prasad; M.R., Singh, Manas Ranjan; A., Kumar, Ashwini; E., Linul, Emanoil; D.K., Rajak, Dipen Kumar	Performance Analysis of Three Side Roughened Solar Air Heater: A Preliminary Investigation	Materials	15	7	10.3390/ma15072541	2022				2-s2.0-85128283146	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128283146&doi=10.3390%2Fma15072541&partnerID=40&md5=a2bd64865f528226026ab9e228ebbef7	SCOPUS
898	C., Voleşcu, Constantin	Study of the Angular Positioning of a Rotating Object Based on Some Computational Intelligence Methods	Mathematics	10	7	10.3390/math10071157	2022				2-s2.0-85127982489	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127982489&doi=10.3390%2Fmath10071157&partnerID=40&md5=e5643d40f2eebe26e32a1bbf5041e94a	SCOPUS
899	J., Khan, Jalal; S., Ullah, Sadiq; U., Ali, Usman; F.A., Tahir, Farooq Ahmad; I., Peter, Ildiko; L., Matekovits, Ladislau	Design of a Millimeter-Wave MIMO Antenna Array for 5G Communication Terminals	Sensors	22	7	10.3390/s22072768	2022				2-s2.0-85127544829	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127544829&doi=10.3390%2Fs22072768&partnerID=40&md5=bd31462be82ce237b488bb1d7f9bbc7f	SCOPUS
900	D.M., Dăianu, Daniel M.	Samples of Homogeneous Functions	Results in Mathematics	77	2	10.1007/s00025-022-01614-7	2022				2-s2.0-85125305446	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125305446&doi=10.1007%2Fs00025-022-01614-7&partnerID=40&md5=f3f58fd7e4772efb00e1ebc4ac70287a	SCOPUS
901	C.T., Albulescu, Claudiu Tiberiu; M.E., Boatca-Barabas, Maria Elena; A., Diaconescu, Andra	The asymmetric effect of environmental policy stringency on CO2 emissions in OECD countries	Environmental Science and Pollution Research	29	18	10.1007/s11356-021-18267-8	2022	27311	27327	17	2-s2.0-85122239784	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122239784&doi=10.1007%2Fs11356-021-18267-8&partnerID=40&md5=fce598caed2b7cdad5cb5c8680f50826	SCOPUS

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902	Ș.D., Novaconi, Ștefan Danica; M.G., Ivanovici, Mădălina Gabriela; F.S., Rus, Florina Stefania	Predictable building enveloping based on enhanced glass foam insulation with heat reflective properties	Journal of Building Engineering	46		10.1016/j.jobe.2021.103702	2022				2-s2.0-85120079699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120079699&doi=10.1016%2Fj.jobe.2021.103702&partnerID=40&md5=8f3aafed2f2c801e765f32372333bc3	SCOPUS
903	M., Sarfraz, Muddassar; S.G.M., Shah, Syed Ghulam Meran; L., Ivascu, Larisa; M.A.A., Qureshi, Muhammad Asim Ali	Explicating the impact of hierarchical CEO succession on small-medium enterprises' performance and cash holdings	International Journal of Finance and Economics	27	2	10.1002/ijfe.2289	2022	2600	2614	15	2-s2.0-85092731879	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092731879&doi=10.1002%2Fijfe.2289&partnerID=40&md5=cd2da12f51fd642f1c0c2221890f0112	SCOPUS
904	T., Binzar, Tudor; C., Lăzureanu, Cristian	Wold-Type Decompositions for Pairs of Commutative Semigroups Generated by Isometries	Functional Analysis and its Applications	56	1	10.1134/S001626632201004X	2022	37	47	11	2-s2.0-85135183946	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135183946&doi=10.1134%2FS001626632201004X&partnerID=40&md5=0c0f369c9a3e6f3fea8cf22868617783	SCOPUS
905	C., Stolojescu-Crisan, Cristina; C., Crisan, Calin; B.P., Butunoi, Bogdan Petru	Access control and surveillance in a smart home	High-Confidence Computing	2	1	10.1016/j.hcc.2021.100036	2022				2-s2.0-85130376730	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130376730&doi=10.1016%2Fj.hcc.2021.100036&partnerID=40&md5=6ebad2ea1dbf0cf385a1849c96360173	SCOPUS
906	N.S., Nemeș, Nicoleta Sorina; C., Ardean, Cristina; C.M., Davidescu, Corneliu Mircea; A., Negrea, Adina; M., Ciopec, Mihaela; V.F., Musta, Virgil Filaret; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; D., Muntean, Delia	Symmetry between Structure-Antibacterial Effect of Polymers Functionalized with Phosphonium Salts	Symmetry	14	3	10.3390/sym14030572	2022				2-s2.0-85129382558	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129382558&doi=10.3390%2Fsym14030572&partnerID=40&md5=6548bd5b740d78d030ad7e1dbd980f56	SCOPUS
907	L.M., Moga, Ligia M.; I., Petran, Ioan; P.F.A., Santos, Paulo F.A.; V., Ungureanu, Viorel	Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study	Buildings	12	3	10.3390/buildings12030321	2022				2-s2.0-85129207820	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129207820&doi=10.3390%2Fbuildings12030321&partnerID=40&md5=0492be37df522e0ee269742ef4544f3	SCOPUS
908	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; S., Boran, Sorina	Optimization of crystal violet adsorption on common lilac tree leaf powder as natural adsorbent material	Global Nest Journal	24	1	10.30955/gnj.003951	2022	87	96	10	2-s2.0-85127908752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127908752&doi=10.30955%2Fgnj.003951&partnerID=40&md5=ee6187ff9bdd9bde68aea80b1a4cf03	SCOPUS

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909	B.I., Sighencea, Bogdan Ilie; R.R., Stanciu, Rares Rareș; S., Ciprian, Sorandaru; C.D., Căleanu, Cătălin Daniel	The Alpha-Beta Family of Filters to Solve the Threshold Problem: A Comparison	Mathematics	10	6	10.3390/math10060880	2022				2-s2.0-85126552245	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126552245&doi=10.3390%2Fmath10060880&partnerID=40&md5=7b8886129e6e3996ed406153ab788ca7	SCOPUS
910	C., Orha, Corina; C.E., Bandas Ratiu, C. Elena; C., Lăzău, Carmen; M.I., Popescu, Mina Ionela; A., Baci, Anamaria; F., Manea, Florica	Advanced Electrodegradation of Doxorubicin in Water Using a 3-D Ti/SnO ₂ Anode	Water (Switzerland)	14	5	10.3390/w14050821	2022				2-s2.0-85126385111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126385111&doi=10.3390%2Fw14050821&partnerID=40&md5=7d0930d4d83611f345e9cf3298832c97	SCOPUS
911	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; M.L., Dan, Mircea Laurențiu; S., Boran, Sorina	The Use of Bilberry Leaves (<i>Vaccinium myrtillus</i> L.) as an Efficient Adsorbent for Cationic Dye Removal from Aqueous Solutions	Polymers	14	5	10.3390/polym14050978	2022				2-s2.0-85126273566	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126273566&doi=10.3390%2Fpolym14050978&partnerID=40&md5=c3a89eb9b545754bb2a26acb375e2491	SCOPUS
912	V., Nescu, Vlad; S., Ciulca, Sorin; R.M., Șumalan, Renata Maria; A.A., Berbeca, Adina A.; G., Coradini, Giancarla; P., Negrea, Petru; S., Gaspar, Sorin; R.L., Șumălan, Radu L.	Physiological Aspects of Absorption, Translocation, and Accumulation of Heavy Metals in <i>Silphium perfoliatum</i> L. Plants Grown in a Mining-Contaminated Soil	Minerals	12	3	10.3390/min12030334	2022				2-s2.0-85126071605	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126071605&doi=10.3390%2Fmin12030334&partnerID=40&md5=44ad9de92b07ce83929486f84b24d0f	SCOPUS
913	I.I., Drăgoi, Iulia Iovanca; F.G., Popescu, Florina Georgeta; T., Petrița, Teodor; F., Alexa, Florin; R.F., Tatu, Romulus Fabian; C.I., Bondor, Cosmina Ioana; C.S., Tatu, Carmen Sofica; F.L., Bowling, Frank Lee; N.D., Reeves, Neil D.; M.E., Ionac, Mihai Edmond	A Custom-Made Electronic Dynamometer for Evaluation of Peak Ankle Torque after COVID-19	Sensors	22	5	10.3390/s22052073	2022				2-s2.0-85125921490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125921490&doi=10.3390%2Fs22052073&partnerID=40&md5=39e8f5761578638ee2443dd047f8473	SCOPUS
914	A., Kellenberger, Andrea; N., Vaszilcsin, N.; D.A., Duca, Delia Andrada; M.L., Dan, Mircea Laurențiu; N.M., Duteanu, Narcis Mihai; S., Stiber, Svenja; T., Morawietz, Tobias; I.S., Biswas, Indro Shubir; A.S., Ansar, Asif Syed; P., Gazdzicki, Pawel	Towards Replacing Titanium with Copper in the Bipolar Plates for Proton Exchange Membrane Water Electrolysis	Materials	15	5	10.3390/ma15051628	2022				2-s2.0-85125207973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125207973&doi=10.3390%2Fma15051628&partnerID=40&md5=5077adcefb09ac83708ce5dac8b07021	SCOPUS
915	M., Sarfraz, Muddassar; X., Ji, Xiangbo; M.M., Asghar, Muhammad Mansoor; L., Ivascu, Larisa; I., Ozturk, Ilknur	Signifying the Relationship between Fear of COVID-19, Psychological Concerns, Financial Concerns and Healthcare Employees Job Performance: A Mediated Model	International Journal of Environmental Research and Public Health	19	5	10.3390/ijerph19052657	2022				2-s2.0-85125096691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125096691&doi=10.3390%2Fijerph19052657&partnerID=40&md5=b6abb0be8df8a9f72f7af9bfc91f92da	SCOPUS

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916	R., Hălbac-Cotoară-Zamfir, Rareș; G., Polinesi, Gloria; F.M., Chelli, Francesco Maria; L., Salvati, Luca; L., Bianchini, Leonardo; A., Marucci, Alvaro; A., Colantoni, A.	Found in Complexity, Lost in Fragmentation: Putting Soil Degradation in a Landscape Ecology Perspective	International Journal of Environmental Research and Public Health	19	5	10.3390/ijerph19052710	2022				2-s2.0-85125073123	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125073123&doi=10.3390%2Fijerph19052710&partnerID=40&md5=003fbd2d165356f4cb4d08d5e18eb349	SCOPUS
917	I.A., Zamfirache, Iuliu Alexandru; R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian; E.M., Petriu, Emil M.	Policy Iteration Reinforcement Learning-based control using a Grey Wolf Optimizer algorithm	Information Sciences	585		10.1016/j.ins.2021.11.051	2022	162	175	14	2-s2.0-85120384398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120384398&doi=10.1016%2Fj.ins.2021.11.051&partnerID=40&md5=9bc282769abcf6d985a37b14631b8cf2	SCOPUS
918	M., Sarfraz, Muddassar; M., Raza, Mohsin; R., Khalid, Rimsha; L., Ivascu, Larisa; G.I., Albasher, Gadah Ibraheem; I., Ozturk, Ilknur	Coronavirus Disease 2019 Safety Measures for Sustainable Tourism: The Mediating Effect of Tourist Trust	Frontiers in Psychology	13		10.3389/fpsyg.2022.784773	2022				2-s2.0-85127124469	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127124469&doi=10.3389%2Fpsyg.2022.784773&partnerID=40&md5=e94ceacf6d6dd74525f4843f1bb185b7	SCOPUS
919	A.I., De Sabata, Aldo I.; L., Matekovits, Ladislau; A.P., Buta, Adrian Petru; G.L., Dassano, Gianluca L.; A.M., Silaghi, Andrei Marius	Frequency Selective Surface for Ultra-Wide Band Filtering and Shielding	Sensors	22	5	10.3390/s22051896	2022				2-s2.0-85126490323	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126490323&doi=10.3390%2Fs22051896&partnerID=40&md5=25922910fdb832bcf91ed7137e16a67	SCOPUS
920	R.C., Ionel, Raul Ciprian; L., Mățiu-Iovan, Liliana	Flying probe measurement accuracy improvement by external LCR integration	Measurement: Journal of the International Measurement Confederation	190		10.1016/j.measurement.2022.110703	2022				2-s2.0-85124196325	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124196325&doi=10.1016%2Fj.measurement.2022.110703&partnerID=40&md5=3ee74f00a89b786932a0b9997c13dd3a	SCOPUS
921	V.M., Socoliuc, Vlad Mircea; M.V., Avdeev, M. V.; V.E., Kuncser, Victor Eugen; R.P., Turcu, R. Paula; E., Tombácz, Etelka; L.N., Vékás, Ladislau Nicolae	Ferrofluids and bio-ferrofluids: looking back and stepping forward	Nanoscale	14	13	10.1039/d1nr05841j	2022	4786	4886	101	2-s2.0-85127844955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127844955&doi=10.1039%2Fd1nr05841j&partnerID=40&md5=c7a673cb89f35a52c8d2a7661804b9d9	SCOPUS

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922	Y., Zhou, Yunye; A., Draghici, A.; J., Abbas, Jaffar; R., Mubeen, Riaq; M.E., Boatca-Barabas, Maria Elena; M.A., Salam, Mohammad Asif	Social Media Efficacy in Crisis Management: Effectiveness of Non-pharmaceutical Interventions to Manage COVID-19 Challenges	Frontiers in Psychiatry	12		10.3389/fpsyt.2021.626134	2022				2-s2.0-85123087734	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123087734&doi=10.3389%2Ffpsyt.2021.626134&partnerID=40&md5=3fdd50db8d5d4f46fc3411f00a092858	SCOPUS
923	Y., Azizi, Y.; M.R., Soleimani, Mohammad Reza; S.H., Sedighy, Seyed Hassan; L., Matekovits, Ladislau	Bi-Static Radar Cross-Section Test Method by using Historic Marconi Set-up and Time Gating	Applied Computational Electromagnetics Society Journal	37	2	10.13052/2022.ACES.J.370206	2022	184	190	7	2-s2.0-85139201529	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139201529&doi=10.13052%2F2022.ACES.J.370206&partnerID=40&md5=e415c1bbf775c441bb627e097a9d547	SCOPUS
924	S.I., Lupa, Sorin Ioan; M., Gagnon, Martin; S., Muntean, Sebastian; G., Abdul-Nour, Georges	The Impact of Water Hammer on Hydraulic Power Units	Energies	15	4	10.3390/en15041526	2022				2-s2.0-85125095144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125095144&doi=10.3390%2Fen15041526&partnerID=40&md5=e71a21d24c91d3751c5aead1109e37f9	SCOPUS
925	F., Matusoiu, Florin; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; P., Svera, Paula; C., Ianași, Cătălin	Molybdate Recovery by Adsorption onto Silica Matrix and Iron Oxide Based Composites	Gels	8	2	10.3390/gels8020125	2022				2-s2.0-85125065163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125065163&doi=10.3390%2Fgels8020125&partnerID=40&md5=1f3d1b0955becc7d3eb27a87698cb2c9	SCOPUS
926	N.S., Nemeș, Nicoleta Sorina; C., Ardean, Cristina; C.M., Davidescu, Corneliu Mircea; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; C., Paul, Cristina; D.M., Duda-Seiman, Daniel Marius; D., Muntean, Delia	Antimicrobial Activity of Cellulose Based Materials	Polymers	14	4	10.3390/polym14040735	2022				2-s2.0-85124907594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124907594&doi=10.3390%2Fpolym14040735&partnerID=40&md5=75a3996e15e01d23d90b44af6b38474d	SCOPUS
927	M.S., Pașca, Mădălina Sofia; O., Bundău, Olivia; A., Juratoni, Adina; B., Căruntu, Bogdan	The Least Squares Homotopy Perturbation Method for Systems of Differential Equations with Application to a Blood Flow Model	Mathematics	10	4	10.3390/math10040546	2022				2-s2.0-85124768947	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124768947&doi=10.3390%2Fmath10040546&partnerID=40&md5=4813f348389d93f930f38feb235476c7	SCOPUS
928	V., Marinca, Vasile; N., Herisanu, Nicolae	Approximate Analytical Solutions to Nonlinear Oscillations of Horizontally Supported Jeffcott Rotor	Energies	15	3	10.3390/en15031122	2022				2-s2.0-85124340132	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124340132&doi=10.3390%2Fen15031122&partnerID=40&md5=b10aada234fbf38d60559dec3a9eb1f	SCOPUS

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929	C.T., Albușescu, Claudiu Tiberiu	Health Care Expenditure in the European Union Countries: New Insights about the Convergence Process	International Journal of Environmental Research and Public Health	19	4	10.3390/ijerph19041991	2022				2-s2.0-85124236866	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124236866&doi=10.3390%2Fijerph19041991&partnerID=40&md5=4e2630670d68d5a0ecb7e33365679d1b	SCOPUS
930	O.D., Frenț, Olimpia Daniela; N.M., Duțeanu, Narcis Miha; A.C., Teușdea, Alin Cristian; S., Ciocan, Stefania; L.G., Vicaș, Laura Gratiela; T., Jurcă, Tünde; M.E., Mureșan, Mariana Eugenia; A., Pallag, Annamária; P., Ianași, Paula; E., Marian, Eleonora	Preparation and Characterization of Chitosan-Alginate Microspheres Loaded with Quercetin	Polymers	14	3	10.3390/polym14030490	2022				2-s2.0-85124025334	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124025334&doi=10.3390%2Fpolym14030490&partnerID=40&md5=10b38a30effdcf0f071c8972eda7c9fd	SCOPUS
931	C., Serban, Christa; D., Lungeanu, Diana; S.D., Bota, Sergiu David; C.C., Cotca, Claudia C.; M.L., Negruțiu, Meda Lavinia; V.F., Duma, Virgil-Florin Florin; C., Sinescu, Cosmin; E.L., Crăciunescu, Emanuela Lidia	Emerging Technologies for Dentin Caries Detection—A Systematic Review and Meta-Analysis	Journal of Clinical Medicine	11	3	10.3390/jcm11030674	2022				2-s2.0-85123537107	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123537107&doi=10.3390%2Fjcm11030674&partnerID=40&md5=afcd479c6e08d482c29e4c6fa8e5c15b	SCOPUS
932	A.A., Anghel, Anamaria A.; J.M., Cabeza-Lainez, Jose Maria; Y., Xu, Yingying	Unknown Suns: László Hudec, Antonin Raymond and the Rising of a Modern Architecture for Eastern Asia	Buildings	12	2	10.3390/buildings12020093	2022				2-s2.0-85123510664	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123510664&doi=10.3390%2Fbuildings12020093&partnerID=40&md5=aa83c3796c57ef1a69f445ec694e4c30	SCOPUS
933	S., Fakhte, Saeed; S.S., Singhwal, Sumer Singh; L., Matekovits, Ladislav; B.K., Kumar Kanaujia, Binod Kumar	Manipulating the radiation pattern of equilateral triangular dielectric resonator antenna using asymmetric grooves	AEU - International Journal of Electronics and Communications	145		10.1016/j.aeue.2021.154079	2022				2-s2.0-85122062178	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122062178&doi=10.1016%2Fj.aeue.2021.154079&partnerID=40&md5=98c15d826f052bf6506bcff81559f355	SCOPUS
934	L., Borkowski, Łukasz; J., Grudziecki, Jan; M., Kotelko, Maria; V., Ungureanu, Viorel; D., Dubină, Dan	Ultimate and post-ultimate behaviour of thin-walled cold-formed steel open-section members under eccentric compression. Part II: Experimental study	Thin-Walled Structures	171		10.1016/j.tws.2021.108802	2022				2-s2.0-85121581901	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121581901&doi=10.1016%2Fj.tws.2021.108802&partnerID=40&md5=81cb1b0da1d1aa4f125b6800ca0aafae	SCOPUS

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935	S.U., Haque, Sufia Ul; N.M., Duțeanu, Narcis Mihai; A., Nasar, Abu; I., Siddique, Inamuddin	Polythiophene-titanium oxide (PTH-TiO2) nanocomposite: As an electron transfer enhancer for biofuel cell anode construction	Journal of Power Sources	520		10.1016/j.jpowsour.2021.230867	2022				2-s2.0-85120866571	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120866571&doi=10.1016%2Fj.jpowsour.2021.230867&partnerID=40&md5=75a78637510f6ab76a9d1b095bdbc115	SCOPUS
936	D.M., Imani, Din Mohammad; M.R., Mohammad Aliha, Mohammad Reza; E., Linul, Emanoil; L., Marșavina, Liviu	A suitable mixed mode I/II test specimen for fracture toughness study of polyurethane foam with different cell densities	Theoretical and Applied Fracture Mechanics	117		10.1016/j.tafmec.2021.103171	2022				2-s2.0-85120338182	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120338182&doi=10.1016%2Fj.tafmec.2021.103171&partnerID=40&md5=91e6d0e40e483963d9dd33fbaa6033f9	SCOPUS
937	S., Naseem, Sobia; M., Mohsin, Muhammad; M., Zia-ur-Rehman, Muhammad; S.A., Ahmad Baig, Sajjad Ahmad; M., Sarfraz, Muddassar	The influence of energy consumption and economic growth on environmental degradation in BRICS countries: an application of the ARDL model and decoupling index	Environmental Science and Pollution Research	29	9	10.1007/s11356-021-16533-3	2022	13042	13055	14	2-s2.0-85115721912	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115721912&doi=10.1007%2Fs11356-021-16533-3&partnerID=40&md5=42fa9530794d2dbe02e9263b52715dc8	SCOPUS
938	E., Reisz, Erika; S.P., Naumov, Sergej P.; A., Tekle-Rötterting, Agnes; W., Schmidt, Winfried	Hydride transfer versus H-abstraction in the reaction of O3 with 2-propanol: The influence of solvent	Journal of Physical Organic Chemistry	35	2	10.1002/poc.4288	2022				2-s2.0-85115339252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115339252&doi=10.1002%2Fpoc.4288&partnerID=40&md5=31fb791abd93e5cc51d92ae08ea2ce48	SCOPUS
939	S., Popa, S.; G.E., Moșoarcă, Giannin Emanuel; L., MacArie, Lavinia; N., Pleșu, Nicoleta; G., Ilia, Gheorge; M., Tară-Lungă-Mihali, Milica	Copolymerization of butyl acrylate with methyl methacrylate in a bubble column reactor and the use of copolymer in corrosion protection	Polymer Bulletin	79	2	10.1007/s00289-020-03502-y	2022	763	783	21	2-s2.0-85099289442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099289442&doi=10.1007%2Fs00289-020-03502-y&partnerID=40&md5=f16ccf3ed608f660f5ad96fe4977c56f	SCOPUS
940	M.V., Pevnaya, Maria V.; S.N., Kostina, Svetlana N.; M., Cernicova-Buca, Mariana; J., Kaźmierczyk, Jerzy; L.A., Asayan, Lilit A.	Potential of Youth Participation in Local Territory Branding Management	Lex Localis	20	1	10.4335/20.1.193-214(2022)	2022	193	214	22	2-s2.0-85130719208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130719208&doi=10.4335%2F20.1.193-214%282022%29&partnerID=40&md5=e5e16ed609a290d378b1887d3b766183	SCOPUS

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941	I., Crăciunescu, Izabella; E., Chitanu, Elena; M.M., Codescu, Mirela Maria; N.I., Iacob, Nicușor I.; A.C., Kuncser, Andrei Cristian; V.E., Kuncser, Victor Eugen; V.M., Socoliuc, Vlad Mircea; D., Susan-Resiga, Daniela; F., Bălănean, Florica; G.M., Ispas, George Marian	High performance magnetorheological fluids: Very high magnetization FeCo-Fe3O4nanoclusters in a ferrofluid carrier	Soft Matter	18	3	10.1039/d1sm01468d	2022	626	639	14	2-s2.0-85123812557	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123812557&doi=10.1039%2Fd1sm01468d&partnerID=40&md5=962d3aaccf5c39ad4a8b6386492ad6283	SCOPUS
942	V., Gherheș, Vasile; M.A., Fărcașiu, Marcela Alina; I., Para, Iulia	Environmental Problems: An Analysis of Students' Perceptions Towards Selective Waste Collection	Frontiers in Psychology	12		10.3389/fpsyg.2021.803211	2022				2-s2.0-85124089608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124089608&doi=10.3389%2Fpsyg.2021.803211&partnerID=40&md5=3650f79dd0a3e74fe89ade274845dc68	SCOPUS
943	I., Buta, Ildiko; S.G., Shova, Sergiu G.; S., Motoc, Sorina; F., Manea, Florica; M., Andruh, Marius; O., Costișor, Otilia	Mono- and oligonuclear complexes based on a o-vanillin derived Schiff-base ligand: Synthesis, crystal structures, luminescent and electrochemical properties	Journal of Molecular Structure	1248		10.1016/j.molstruc.2021.131439	2022				2-s2.0-85115024012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115024012&doi=10.1016%2Fj.molstruc.2021.131439&partnerID=40&md5=18feae3ee2a49568b5b559fe8741af07	SCOPUS
944	M., La Deda, Massimo; G., Di Maio, Giuseppe; A., Candrea, Angela; B., Heinrich, Benoit; A.A., Andelesc, Adelina Antonia; E., Popa, Evelyn; E., Voirin, Émilie; V., Badea, Valentin; M., Amati, Mario; O., Costișor, Otilia	Very intense polarized emission in self-assembled room temperature metallomesogens based on Zn(ii) coordination complexes: an experimental and computational study	Journal of Materials Chemistry C	10	1	10.1039/d1tc05059a	2022	115	125	11	2-s2.0-85121930746	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121930746&doi=10.1039%2Fd1tc05059a&partnerID=40&md5=75e849b16681e125dac3e19f37e70678	SCOPUS
945	I., Nichita, Ileana; A., Visa, Aurelia; B.E., Mărănescu, Bianca Elena; L., Lupa, Lavinia; A., Popa, Adriana	Synthesis and Characterization of Modified Chitosan with Aminophosphonic Groups and Zn(II) Ions and Assessment as Potential Antibacterial Adsorbent	Materiale Plastice	59	4	10.37358/MP.22.4.5631	2022	125	134	10	2-s2.0-85162035059	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162035059&doi=10.37358%2FMP.22.4.5631&partnerID=40&md5=d205d7f9927bd7fadcca907d0a322f6	SCOPUS
946	I., Ostrovsca, Inna; I., Kisilewicz, Ileana	„DIE CURHAUS-ANLAGEN IN DORNA-WATRA”. THE SPA RESORT VATRA DORNEI; „DIE CURHAUS-ANLAGEN IN DORNA-WATRA” STAȚIUNEA BALNEARĂ VATRA DORNEI	Historia Urbana	30			2022	173	188	16	2-s2.0-85150499471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150499471&partnerID=40&md5=893ed8f5b72ccf660acf536dbef09390	SCOPUS
947	I., Kisilewicz, Ileana	BUCHAREST' GARDENING FROM CRAFTSMANSHIP TO THE DAWN OF HORTICULTURAL INDUSTRY; GRĂDINĂRIȚUL DE LA MEȘTEȘUG LA ZORII INDUSTRIEI HORTICOLE ÎN BUCUREȘTI	Historia Urbana	30			2022	209	226	18	2-s2.0-85150426407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150426407&partnerID=40&md5=aaaa64acb5fec9ad0338497b506f1814	SCOPUS

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948	T.O., Gheorghiu, Teodor Octavian	ARAD – DEINDUSTRIALIZATION, DEFECTIVE RECONVERSION WITH UNCERTAIN FUTURE; ARAD – DEZINDUSTRIALIZARE, RECONVERSIE DEFECTUOASĂ ȘI CU VIITOR INCERT	Historia Urbana	30			2022	91	114	24	2-s2.0-85150290839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150290839&partnerID=40&md5=f980a637e3b7af9c169c3ea9be28b21b	SCOPUS
949	A.I., Feier, Anamaria Ioana; F.V., Banciu, Felicia Veronica; M., Brîndușoiu, Mihai; R., Băncilă, Radu	THE FIRST WELDED BRIDGE - PROTOTYPE DEVELOPMENT THROUGH FUSED DEPOSITION MODELLING (FDM); PRVI ZAVARENI MOST - RAZVOJ PROTOTIPA MODELIRANJEM POSTUPKOM NANOŠENJA U RASTOPLJENIM SLOJEVIMA (FDM)	Structural Integrity and Life	22	3		2022	267	270	4	2-s2.0-85149900189	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149900189&partnerID=40&md5=82331ba1c4fa0136b3942f2ada3b2258	SCOPUS
950	C., Casut, Cristian; R.A., Bucur, Raul Alin; N., Miclău, Nicolae; I., Mălăescu, Iosif; M., Miclău, Marinela	Biphasic BiFeO ₃ ceramics based on rhombohedral and tetragonal polymorphs	Advances in Applied Ceramics	121		10.1080/17436753.2023.2170618	2022	247	254	8	2-s2.0-85147307535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147307535&doi=10.1080%2F17436753.2023.2170618&partnerID=40&md5=91ac9418855ae9d98cf6fb4c0bf0b60	SCOPUS
951	M., Tudorica, M.; M.T., Ghemis, M. T.; C.I., Bob, Corneliu Ioan	The Sustainability of a Building Made by using of Recycling Materials	WSEAS Transactions on Environment and Development	18		10.37394/232015.2022.18.128	2022	1352	1359	8	2-s2.0-85147231006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147231006&doi=10.37394%2F232015.2022.18.128&partnerID=40&md5=1e72a688fa8ac338544870d4e0490d7	SCOPUS
952	M., Sarfraz, Muddassar; Z., Ye, Zhixiao; D., Banciu, Doina; F., Drăgan, Florin; L., Ivascu, Larisa	Intertwining Digitalization and Sustainable Performance via the Mediating Role of Digital Transformation and the Moderating Role of FinTech Behavior Adoption	Studies in Informatics and Control	31	4	10.24846/V3114Y202204	2022	35	44	10	2-s2.0-85146978817	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146978817&doi=10.24846%2FV3114Y202204&partnerID=40&md5=3b0d282a7364bd7102df5b9b3c0b419c	SCOPUS
953	D.N., Avram, Diana Nicoleta; C.M., Davidescu, Corneliu Mircea; M.L., Dan, Mircea Laurențiu; E.M., Stanciu, Elena Manuela; A., Pascu, Alexandru; J.C., Mirza-Rosca, Julia Claudia; I., Hulka, Iosif	INFLUENCE OF TITANIUM ADDITIONS ON THE ELECTROCHEMICAL BEHAVIOUR OF NiCr/Ti LASER CLADDED COATINGS	Annals of "Dunarea de Jos" University of Galati, Fascicle XII, Welding Equipment and Technology	33		10.35219/awet.2022.10	2022	107	111	5	2-s2.0-85146824760	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146824760&doi=10.35219%2Fawet.2022.10&partnerID=40&md5=0c490025b08dcb99f866c0e69e372cfd	SCOPUS
954	M., Sarfraz, Muddassar; N.V., Vlăduț, Nicolae Valentin; L.I., Cioca, Lucian Ionel; L., Ivascu, Larisa	TEACHING STRATEGIES AND STUDENTS' ACADEMIC PERFORMANCE IN AGRICULTURE STUDIES: THE MEDIATING EFFECT OF TEACHERS' SELF-EFFICACY: 教学策略与农学学生学习成绩:教师自我效能的中介作用	INMATEH - Agricultural Engineering	68	3	10.35633/inmateh-68-76	2022	767	780	14	2-s2.0-85146643220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146643220&doi=10.35633%2Finmateh-68-76&partnerID=40&md5=28ab684e1af3ecd693577ad3fc485fa3	SCOPUS

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955	C.G., Lates, Cristina Georgiana; C.M., Dragan, Cristina Mihaela; C.G., Dumitraș, C. G.	HEAT TRANSFER OPTIMIZATION OF AN ELECTRONIC CONTROL UNIT IMMERSED IN NATURAL CONVECTION COOLANT	International Journal of Modern Manufacturing Technologies	14	3	10.54684/ijmmt.2022.14.3.92	2022	92	99	8	2-s2.0-85145285391	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145285391&doi=10.54684%2Fijmmt.2022.14.3.92&partnerID=40&md5=7ef72de7da6f8a226946268b61e54ba9	SCOPUS
956	M., Sarfraz, Muddassar; Z., Ye, Zhixiao; F., Drăgan, Florin; L., Ivascu, Larisa; A.E., Artene, Alin Emanuel	Digital Transformation Strategy and Environmental Performance: A Case Study	International Journal of Computers, Communications and Control	17	6	10.15837/ijccc.2022.6.5029	2022				2-s2.0-85145005710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145005710&doi=10.15837%2Fijccc.2022.6.5029&partnerID=40&md5=f0c10b8777b568792380198f80f1e419	SCOPUS
957	A.D., Floare, Alin Daniel; D., Focht, David; A.I., Hajdu, Adrian Ioan; I.C., Talpoș-Niculescu, Ioana Cristina; O.I., Balean, Octavia Iulia; C.V., Muntean, Cornelia Veronica; D., Sebeșan, Dorian; D.E., Jumanca, Daniela Elisabeta; A., Gălușcan, Atena	Ozone and microstructural morphological changes of tooth enamel	Romanian Journal of Morphology and Embryology	63	3	10.47162/RJME.63.3.08	2022	539	544	6	2-s2.0-85144954336	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144954336&doi=10.47162%2FRJME.63.3.08&partnerID=40&md5=ea1572ad6220241219aab8dbd6c09f0a	SCOPUS
958	A., Simo, Attila; S., Dzitac, Simona; G.E., Badea, Gabriela Elena; D., Meianu, Dragos	Smart Agriculture: IoT-based Greenhouse Monitoring System	International Journal of Computers, Communications and Control	17	6	10.15837/ijccc.2022.6.5039	2022				2-s2.0-85144927791	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144927791&doi=10.15837%2Fijccc.2022.6.5039&partnerID=40&md5=8b49c36661f8c69aaacf6ebb7e86d040	SCOPUS
959	T., Heinosari, Teiko; M.A., Jivulescu, Maria Anastasia; I., Nechita, Ion	Order preserving maps on quantum measurements	Quantum	6		10.22331/Q-2022-11-10-853	2022				2-s2.0-85143869067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143869067&doi=10.22331%2FQ-2022-11-10-853&partnerID=40&md5=844084ba85994636f685797c21c6d805	SCOPUS
960	T., Vilceanu, Titela; D., Dejica-Cartis, Daniel	Editorial	Open Linguistics	8	1	10.1515/opli-2022-0100	2022	745	750	6	2-s2.0-85143145946	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143145946&doi=10.1515%2Fopli-2022-0100&partnerID=40&md5=118f6f983611aa8b607177c3b08d57f	SCOPUS

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961	G., Moza, Gheorghe; D.A., Drexler, Dániel András; L.A., Kovács, Levente A.	Towards personalized medicine by mathematical modeling of tumors	Open Research Europe	2		10.12688/openreseurope.14814.1	2022				2-s2.0-85141979231	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141979231&doi=10.12688%2Fopenreseurope.14814.1&partnerID=40&md5=0df18e5e4702e1ae375ef2d3261c430d	SCOPUS
962	D., Popov, Dušan; R.I., Negrea, Romeo Iosif	Some Integrals Involving Meijer's and Hypergeometric Functions Using the Coherent State Technique	Mathematical Problems in Engineering	2022		10.1155/2022/1284378	2022				2-s2.0-85141039157	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141039157&doi=10.1155%2F2022%2F1284378&partnerID=40&md5=87769469bedc835ebfb0023a335c29e1	SCOPUS
963	F., Bucur, Flavius; A.V., Socalici, Ana Virginia; A., Budiul-Berghian, Adina; C.B., Baneasa, Corneliu Birtok; L., Pascu, Liviu	The Tribology of Composite Materials Used for Manufacturing Brake Shoes	Materiale Plastice	59	3	10.37358/MP.22.3.5602	2022	13	20	8	2-s2.0-85141024544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141024544&doi=10.37358%2FMP.22.3.5602&partnerID=40&md5=642ed924470011d40ed821cec5469baf	SCOPUS
964	L., Varga, Luiza; B., Cornelia, Baeră; A., Gruin, Aurelian; I., Ostrovsca, Inna	CREATIVE RESTORATION METHODOLOGY ON PAVEMENTS OF HISTORICAL OBJECTIVES: CASE STUDY – THE ARAD FRANCISCAN MONASTERY	International Journal of Conservation Science	13	3		2022	879	894	16	2-s2.0-85140955208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140955208&partnerID=40&md5=9189ba6e39638278b4dd3115866edff5	SCOPUS
965	V., Marinca, Vasile; R.D., Ene, Remus Daniel; B.V., Marinca, Bogdan V.	OPTIMAL HOMOTOPY PERTURBATION METHOD FOR NONLINEAR PROBLEMS WITH APPLICATIONS	Applied and Computational Mathematics	21	2	10.30546/1683-6154.21.2.2022.123	2022	123	136	14	2-s2.0-85140747418	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140747418&doi=10.30546%2F1683-6154.21.2.2022.123&partnerID=40&md5=64bf4a544800e96762a414220d2d886f	SCOPUS
966	M.D., Vasilescu, Mircea Dorin	Preliminary Technological and Environmental Considerations for Generating Mechanical Components using Plant-based UV Resin	Materiale Plastice	59	3	10.37358/MP.22.3.5618	2022	245	257	13	2-s2.0-85140593718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140593718&doi=10.37358%2FMP.22.3.5618&partnerID=40&md5=ebd2d253a8b5f9b15e2f4377c707fc33	SCOPUS

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967	M.M., Popescu-Mitroi, Maria Monica; I., Popescu-Mitroi, Ionel	Food choices of students with nutritional knowledge	Nutricion Clinica y Dietetica Hospitalaria	42	3	10.12873/423pope scu	2022	34	39	6	2-s2.0-85140357628	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140357628&doi=10.12873%2F423pope scu&partnerID=40&md5=7d4be5292a3fbb1c7bb3ebf9be9d32a	SCOPUS
968	O.M., Sirbu, Ovidiu Marcel; C.B., Vilceanu, Clara Beatrice; A.M., Moscovici, Anca Maria; I.S., Herban, Ioan Sorin	OPEN-SOURCE GIS FOR TERRITORIAL PLANNING - SOLAR MAP OF TIMIȘ COUNTY, ROMANIA	AgroLife Scientific Journal	11	1		2022	204	210	7	2-s2.0-85139744475	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139744475&partnerID=40&md5=4a2526f660725e010ee7192cb2ac9743	SCOPUS
969	M.A., Ouamri, Mohamed Amine; M.E., Oteșteanu, Marius Emil; G.R., Barb, Gordana Raluca; C., Guéguen, Cédric	Coverage Analysis and Efficient Placement of Drone-BSs in 5G Networks †	Engineering Proceedings	14	1	10.3390/engproc2022014018	2022				2-s2.0-85138935150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138935150&doi=10.3390%2Fengproc2022014018&partnerID=40&md5=92ef26f39e69f63049ef036e279a568f	SCOPUS
970	M.V., Pevnaya, Maria V.; E.A.E., Shuklina, Elena Anatol Evna; M., Cernicova-Buca, Mariana	STUDENTS' PARTICIPATION IN THE SOCIO-CULTURAL DEVELOPMENT OF THE CITY: SOCIO-CULTURAL AGENCY ISSUES (INTERNATIONAL RESEARCH PERSPECTIVES)	Sotsiologicheskie Issledovaniya	2022	5	10.31857/S013216250018512-6	2022	101	113	13	2-s2.0-85136807798	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136807798&doi=10.31857%2FS013216250018512-6&partnerID=40&md5=3458d624186c016a80919882d8e146e9	SCOPUS
971	S., Ul Haque, Sufia; A., Nasar, Abu; N.M., Duțeanu, Narcis Mihai; I., Siddique, Inamuddin	Carbon based-nanomaterials used in biofuel cells – A review	Fuel	331		10.1016/j.fuel.2022.125634	2022				2-s2.0-85136597168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136597168&doi=10.1016%2Fj.fuel.2022.125634&partnerID=40&md5=a890bda1c9ea45faf0523d8d1e4430e3	SCOPUS
972	L.I., Cadariu-Brailoiu, Liviu Ioan; L., Manolescu, Laura	Fixed points and the stability of the linear functional equations in a single variable	Carpathian Journal of Mathematics	38	3	10.37193/CJM.2022.03.20	2022	769	776	8	2-s2.0-85135591057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135591057&doi=10.37193%2FCJM.2022.03.20&partnerID=40&md5=4cc90867ae2f1005f061c75aa1c4e1be	SCOPUS
973	N., Lupa, Nicolae; L.H., Popescu, Liviu Horia	Generalized exponential behavior on the half-line via evolution semigroups	Carpathian Journal of Mathematics	38	3	10.37193/CJM.2022.03.14	2022	691	705	15	2-s2.0-85135566375	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135566375&doi=10.37193%2FCJM.2022.03.14&partnerID=40&md5=3978a9549e064d17af713a67160ac38a	SCOPUS

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974	N.I., Andreescu, Nicoleta Ioana; A., Sharma, Abhinav; A., Mihailescu, Alexandra; C.G., Zimbru, Cristian G.; V.L., David, V. L.; R., Horhat, Raluca; N.R., Kundnani, N. R.; M., Puiu, Maria; S.S., Farcaș, Simona Sorina	Chest wall deformities and their possible associations with different genetic syndromes	European Review for Medical and Pharmacological Sciences	26	14	10.26355/eurrev_202207_29298	2022	5107	5114	8	2-s2.0-85135233934	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135233934&doi=10.26355%2Feurrev_202207_29298&partnerID=40&md5=67b2276dec181ad3d788812944103450	SCOPUS
975	I.I., Ailinei, Iulian Ionut; S.V., Galațanu, Sergiu Valentin; L., Marșavina, Liviu	INFLUENCE OF DEPOSITION DIRECTION ON VIBRATION CHARACTERISTICS OF 3D PRINTED ABS TEST SPECIMENS; TICAJ PRAVCA DEPOZICIJE NA VIBRACIONE KARAKTERISTIKE 3D ŠTAMPANIH A UZORAKA ZA ISPITIVANJE	Structural Integrity and Life	22	1		2022	25	28	4	2-s2.0-85134288720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134288720&partnerID=40&md5=1e1a2f54497d46f7fad7595425fa258	SCOPUS
976	E.A., Manea, Elena Adela; M.D., Perju, Maria Delia; A., Tâmaș, Andra	CONTRIBUTIONS TO THE STUDY OF COSMETIC EMULSIONS USING ANALYTICAL – EXPERIMENTAL MATHEMATICAL MODELS	Studia Universitatis Babes-Bolyai Chemia	67	2	10.24193/subbchem.2022.2.06	2022	97	112	16	2-s2.0-85134015579	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134015579&doi=10.24193%2Fsubbchem.2022.2.06&partnerID=40&md5=e94639674bba1418d536422709e35f76	SCOPUS
977	L.C., Nicolescu, Laura Corina; C.L., Popescu, Candice Luana; C.V., Popescu, Carmen Violeta; C.M., Nicolescu, Cristian Mircea; A., Neșiu, Alexandru; L., Pilat, Luminița; A.N., Stanciu, Antonius Nicolae; A.G., Mihu, Alin Gabriel	THE EVALUATION OF VITAMIN D DEFICIENCY AS A RISK FACTOR IN THE CASE OF PATIENTS WITH MODERATE COVID-19	Farmacia	70	3	10.31925/farmacia.2022.3.17	2022	507	513	7	2-s2.0-85133329736	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133329736&doi=10.31925%2Ffarmacia.2022.3.17&partnerID=40&md5=364797c0728bfa997e9172af6f604924	SCOPUS
978	V.I., Safta, Voicu Ioan; G.V., Mnerie, Gabriela Victoria; V., Nagy, Vasile; D., Mnerie, Dumitru	Some Helpful Features of the TIG Welding Process Using High Frequency Pulsed Arc	Defect and Diffusion Forum	416		10.4028/p-9rvfjw	2022	79	86	8	2-s2.0-85131762621	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131762621&doi=10.4028%2Fp-9rvfjw&partnerID=40&md5=4504c8cfeb67019e1256f8a4e760828f	SCOPUS
979	V., Nagy, Vasile; G.V., Mnerie, Gabriela Victoria; V.I., Safta, Voicu Ioan; D., Mnerie, Dumitru	Critical Analysis of Some Practices of Joining Stainless Steel Pipes Used in the Food Industry from the Perspective of Hygienic Welding Principles	Defect and Diffusion Forum	416		10.4028/p-239924	2022	145	150	6	2-s2.0-85131747776	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131747776&doi=10.4028%2Fp-239924&partnerID=40&md5=3626ad573b605838b9cbc50ab57355db	SCOPUS

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980	V.M., Nani, Viorel Mihai; A.M., Țițu, Aurel Mihail; G.V., Mnerie, Gabriela Victoria; A., Nani, Alin; D., Mnerie, Dumitru	On some Possibilities for Optimizing the Wire Electrical Discharge Machining (WEDM) Processing of Welded Joints Applied to Stainless Steel	Defect and Diffusion Forum	416		10.4028/p-bjnxzv	2022	115	122	8	2-s2.0-85131745562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131745562&doi=10.4028%2Fp-bjnxzv&partnerID=40&md5=ae3cf2ad5fafd18a22e72596c93c02d8	SCOPUS
981	D.F., Madroane, Denis Florin; I., Duma, Iuliana; S.V., Galațanu, Sergiu Valentin	The Influence of Drying Time on a Glass-Adhesive-Steel Bonding	Defect and Diffusion Forum	416		10.4028/p-f6s8kb	2022	139	144	6	2-s2.0-85131739738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131739738&doi=10.4028%2Fp-f6s8kb&partnerID=40&md5=8251227b98570ab4ebef006c07819860	SCOPUS
982	C., Codrean, Cosmin; D., Buzdugan, Dragoș; B., Radu, Bogdan; G., Melcioiu, Georgiana	Study on Soldering Alloy Structure Influence on Whiskers Germination and Grow Process in Joints Executed Using Tin Base Soldering Alloys	Defect and Diffusion Forum	416		10.4028/p-jp0ijg	2022	123	130	8	2-s2.0-85131731432	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131731432&doi=10.4028%2Fp-jp0ijg&partnerID=40&md5=ea1126585762405b8ee8ecd1432d7533	SCOPUS
983	D.C., Stroiță, Daniel Catalin; A.S.S., Manea, Adriana Sida S.	FREQUENCY MODELLING AND DYNAMIC IDENTIFICATION OF CROSS-FLOW WATER TURBINES	Thermal Science	26	2	10.2298/TSCI201017354S	2022	1665	1674	10	2-s2.0-85131043680	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131043680&doi=10.2298%2FTSCI201017354S&partnerID=40&md5=68b5631e998e60ecba30c8ebd93248d9	SCOPUS
984	M.A., Fărcașiu, Marcela Alina; D., Dejița-Cartis, Daniel; S., Șimon, Simona; A., Kilyeni, Annamaria	EASY-TO-READ IN ROMANIA: CURRENT STATUS AND FUTURE PERSPECTIVES IN A EUROPEAN CONTEXT	Swedish Journal of Romanian Studies	5	2	10.35824/sjrs.v5i2.23692	2022	221	240	20	2-s2.0-85130831780	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130831780&doi=10.35824%2Fsjrs.v5i2.23692&partnerID=40&md5=acdfa51d6761f6a1a3c2619163afcbdd	SCOPUS
985	R., Druță, Romina; C.F., Druta, Cristian Filip; I., Silea, Ioan	Evaluation of Remote Data Compression Methods	Studies in Informatics and Control	31	1	10.24846/v31i1y202206	2022	59	70	12	2-s2.0-85129399594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129399594&doi=10.24846%2Fv31i1y202206&partnerID=40&md5=0c585ccc4e3a98ab76c85c4c79b82f09	SCOPUS

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986	C.T., Albuлесcu, Claudiu Tiberiu	Bank Financial Stability and International Oil Prices: Evidence from Listed Russian Public Banks	Eastern European Economics	60	3	10.1080/00128775.2022.2064876	2022	217	246	30	2-s2.0-85129184586	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129184586&doi=10.1080%2F00128775.2022.2064876&partnerID=40&md5=1b331abc37284ae968e6e337bf001463	SCOPUS
987	A.D., Filep, Alexandru Dan; T., Todincă, Teodor; G.A., Dumitrel, Gabriela Alina	Triethylene Glycol Dehydration of Natural Gas: Evaluation of Mass and Heat Transfer Coefficients in the Case of Absorption and Stripping Structured Packing Towers	Chemical and Biochemical Engineering Quarterly	36	1	10.15255/CABEQ.2021.1998	2022	25	38	14	2-s2.0-85129099965	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129099965&doi=10.15255%2FCABEQ.2021.1998&partnerID=40&md5=9ed08d884cd07463ba69107a8a47d5dd	SCOPUS
988	D.C., Danieleescu, Dan Cristian; A.E., Cioablă, Adrian Eugen; V., Pode, Vasile	STUDY CONCERNING PERFORMANCES OF TWO TYPES OF PREHYDROLYZED POLYMER IN COMPARISON WITH ALUMINUM SULPHATE AS A COAGULANT FOR WASTE WATER	Studia Universitatis Babes-Bolyai Chemia	67	1	10.24193/subbchem.2022.1.08	2022	125	137	13	2-s2.0-85128336645	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128336645&doi=10.24193%2Fsubbchem.2022.1.08&partnerID=40&md5=49b9e9e7870ae928452c70158ae632a3	SCOPUS
989	M., Sarfraz, Muddassar; H., Hafeez, Hira; M.I., Abdullah, Muhammad Ibrahim; L., Ivascu, Larisa; I., Ozturk, Ilknur	The effects of the COVID-19 pandemic on healthcare workers' psychological and mental health: The moderating role of felt obligation	Work	71	3	10.3233/WOR-211073	2022	539	550	12	2-s2.0-85128087453	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128087453&doi=10.3233%2FWOR-211073&partnerID=40&md5=c27efbae74b19e11ef2883ed4168e12e	SCOPUS
990	C.T., Albuлесcu, Claudiu Tiberiu; C., Turcu, Camelia	Productivity, financial performance, and corporate governance: evidence from Romanian R&D firms	Applied Economics	54	51	10.1080/00036846.2022.2056125	2022	5956	5975	20	2-s2.0-85127345450	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127345450&doi=10.1080%2F00036846.2022.2056125&partnerID=40&md5=d812b650472a75524a804fc2d2eed482	SCOPUS
991	A., Simo, Attila; S., Dzitac, Simona; D., Dzitac, Domnica	First Responders' Localization and Health Monitoring During Rescue Operations	International Journal of Computers, Communications and Control	17	1	10.15837/ijccc.2022.1.4665	2022				2-s2.0-85126359241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126359241&doi=10.15837%2Fijccc.2022.1.4665&partnerID=40&md5=d425e3ba6d9dd462298cdc4b574b7b27	SCOPUS

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992	R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian; E.L., Hedrea, Elena Lorena; C.A., Bojan-Dragos, Claudia Adina; M.M., Damian, Miruna Maria; M.L., Nedelcea, Monica Lavinia	Performance Improvement of Low-Cost Iterative Learning-Based Fuzzy Control Systems for Tower Crane Systems	International Journal of Computers, Communications and Control	17	1	10.15837/ijccc.2022.1.4623	2022				2-s2.0-85126346603	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126346603&doi=10.15837%2Fijccc.2022.1.4623&partnerID=40&md5=941075b941a6c12d45d71f089d05e26b	SCOPUS
993	S., Jitian, Simion; I., Bratu, Ioan	Changing the optical properties of poly(methyl methacrylate) superficial films during UV irradiation	Spectroscopy Letters	55	3	10.1080/00387010.2022.2046105	2022	199	211	13	2-s2.0-85126055378	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126055378&doi=10.1080%2F00387010.2022.2046105&partnerID=40&md5=03860c81f7de0d4d20ad6122787be4aa	SCOPUS
994	A.I., Bucur, Alexandra I.; R., Bănică, Radu; M.C., Pascariu, M. C.; M., Poienar, Maria; C., Mosoarca, Cristina; R.A., Bucur, Raul Alin; A., Negrea, Adina; I., Hulka, Iosif	Eco-valorification of marine shells by hydrothermal conversion in alkaline media	Digest Journal of Nanomaterials and Biostructures	17	1		2022	153	160	8	2-s2.0-85125726886	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125726886&partnerID=40&md5=000f16dff6c1ac0394c2f9a9e9c47b60	SCOPUS
995	M., Mohsin, Muhammad; K., Jamil, Khalid; S., Naseem, Sobia; M., Sarfraz, Muddassar; L., Ivascu, Larisa	Elongating Nexus Between Workplace Factors and Knowledge Hiding Behavior: Mediating Role of Job Anxiety	Psychology Research and Behavior Management	15		10.2147/PRBM.S348467	2022	441	457	17	2-s2.0-85125236121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125236121&doi=10.2147%2FPRBM.S348467&partnerID=40&md5=58c6a64cb660fb9bf9c22a01ab5f918	SCOPUS
996	G., Moza, Gheorghe; M., Sterpu, Mihaela; C., Roșoreanu, Carmen	An analysis of two degenerate double-Hopf bifurcations	Electronic Research Archive	30	1	10.3934/ERA.2022.020	2022	382	403	22	2-s2.0-85124134842	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124134842&doi=10.3934%2FERA.2022020&partnerID=40&md5=0dc344473f6ff00af19892e5bf313c5	SCOPUS
997	D., Albulescu, Daiana; D.H., Ursu, Daniel Horatiu; L.M., Rusnac, Lucian Mircea; S.V., Nițu, Sabina Violeta; M., Miclău, Marinela; M., Vajda, Melinda	Investigation of UV Dye-Sensitized Solar Cells Based on Water Electrolyte: A New Insight for Wavelength-Selective Greenhouse	Crystals	12	1	10.3390/cryst12010098	2022				2-s2.0-85123261829	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123261829&doi=10.3390%2Fcryst12010098&partnerID=40&md5=d7bc7c3ccdbd48b8750c7bf2a51cc740	SCOPUS
998	A.A., Anghel, Anamaria A.; D., Giurea, Diana; I., Salagean-Mohora, Irina; A.D., Hapenciuc, Alma Dia; O.C., Milincu, Octavian Camil; F., Mihai Frigura-Iliasa, Flaviu	Green Interactive Installations as Conceptual Experiments towards a New Meaning of Smart Design	Buildings	12	1	10.3390/buildings12010062	2022				2-s2.0-85123241969	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123241969&doi=10.3390%2Fbuildings12010062&partnerID=40&md5=e289b4f845527a819a498b2e8b7244f7	SCOPUS

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999	P.C., Ioana-Monica, Pop Calimanu; S., Popescu, Sorin; D.F., Lascu, Dan Florentin	A New SEPIC-Based DC-DC Converter with Coupled Inductors Suitable for High Step-Up Applications	Applied Sciences (Switzerland)	12	1	10.3390/app12010178	2022				2-s2.0-85122989635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122989635&doi=10.3390%2Fapp12010178&partnerID=40&md5=233a422c065be82f391d7beebafa9c25	SCOPUS
1000	C.D., Curiac, Christian Daniel; O., Baniș, Ovidiu; M.V., Micea, Mihai Victor	Evaluating Research Trends from Journal Paper Metadata, Considering the Research Publication Latency	Mathematics	10	2	10.3390/math10020233	2022				2-s2.0-85122932478	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122932478&doi=10.3390%2Fmath10020233&partnerID=40&md5=8cbec87f62db5fab1fd5fe0672cd0176	SCOPUS
1001	A.M., Vutan, Ana Maria; E.C., Lovasz, Erwin Christian; C.M., Gruescu, Corina Mihaela; C., Sticlaru, Carmen; E.M., Sirbu, Elena Maria; N.A., Jurjiu, Nicolae Adrian; I.S., Borozan, Ion Silviu; C., Vutan, Călin	Evaluation of Symmetrical Exercises in Scoliosis by Using Thermal Scanning	Applied Sciences (Switzerland)	12	2	10.3390/app12020721	2022				2-s2.0-85122729709	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122729709&doi=10.3390%2Fapp12020721&partnerID=40&md5=8c1bdbcde5a509c37c905885b652983	SCOPUS
1002	S., Lugojan, Sorin; L., Ciurdariu, Loredana; E., Grecu, Eugenia	New Elements of Analysis of a Degenerate Chenciner Bifurcation	Symmetry	14	1	10.3390/sym14010077	2022				2-s2.0-85122499391	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122499391&doi=10.3390%2Fsym14010077&partnerID=40&md5=7a788358c071f56d9f42da62ad1a9999	SCOPUS
1003	D., Duma, Diana; R., Zaharia, Raul; D., Pinteau, Dan; I., Both, Ioan; F., Hanus, François	Analytical Method for the Bending Resistance of Slim Floor Beams with Asymmetric Double-T Steel Section under ISO Fire	Applied Sciences (Switzerland)	12	2	10.3390/app12020574	2022				2-s2.0-85122270537	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122270537&doi=10.3390%2Fapp12020574&partnerID=40&md5=61893f72324186e1cbd59d154a1ae513	SCOPUS
1004	G.I., Barbulescu, Greta Ionela; T.P., Buica, Taddeus Paul; I.D., Goje, Jacob Daniel; M.F., Bojin, Maria Florina; V.L., Ordodi, Valentin Laurentiu; G.E., Olteanu, Gheorghe Emilian; E.R., Heredea, Elena Rodica; V., Păunescu, Virgil	Optimization of Complete Rat Heart Decellularization Using Artificial Neural Networks	Micromachines	13	1	10.3390/mi13010079	2022				2-s2.0-85122134763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122134763&doi=10.3390%2Fmi13010079&partnerID=40&md5=8b393de22d98e904c8aa48960d00527	SCOPUS
1005	T., Lala, Timotei; D.P., Chirla, Darius Pavel; M.B., Radae, Mircea Bogdan	Model Reference Tracking Control Solutions for a Visual Servo System Based on a Virtual State from Unknown Dynamics	Energies	15	1	10.3390/en15010267	2022				2-s2.0-85122091302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122091302&doi=10.3390%2Fen15010267&partnerID=40&md5=106ee4c7979c7ffb20f621d3fe8a2a2ec	SCOPUS

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1006	I., Kántor, Izolda; D.M., Dreava, Diana Maria; A., Todea, Anamaria; F., Peter, Francisc; Z., May, Zoltán; E., Biró, Emese; G., Babos, György; T., Feczko, Tivadar	Co-entrapment of sorafenib and cisplatin drugs and igrd tumour homing peptide by poly[ε-caprolactone-co-(12-hydroxystearate)] copolymer	Biomedicines	10	1	10.3390/biomedicines10010043	2022				2-s2.0-85121870145	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121870145&doi=10.3390%2Fbiomedicines10010043&partnerID=40&md5=7d84b35e5967cb665a4964a209a4ab71	SCOPUS
1007	R., Muntean, Roxana; D.T., Pascal, Dragoș Toader; N., Kazamer, Norbert; G.M., Marginean, Gabriela M.; V.A., Serban, Viorel Aurel	Sliding wear behavior of high-temperature vacuum-brazed WC-Co-NiP functional composite coatings	Materials	15	1	10.3390/ma15010088	2022				2-s2.0-85121717243	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121717243&doi=10.3390%2Fma15010088&partnerID=40&md5=7b30b420f14b834481ee91207546f65f	SCOPUS
1008	M., Sarfraz, Muddassar; L., Ivascu, Larisa; L.I., Cioca, Lucian Ionel	Environmental regulations and co2 mitigation for sustainability: Panel data analysis (pmg, ccemg) for brics nations	Sustainability (Switzerland)	14	1	10.3390/su14010072	2022				2-s2.0-85121681176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121681176&doi=10.3390%2Fsu14010072&partnerID=40&md5=7c9478841c58bbe31624bce8c0115541	SCOPUS
1009	S.W.J., Choong, Shaun Wei Jun; P.K., Ng, P. K.; B., Yeo, Boonchin; A., Draghici, A.; A., Gaureanu, Alin; Y., Ng, Yujin; G.M.H., Wong, Gerry Ming Horng; H.K.T., Selvan, Hari Krishnan Tamil	A preliminary study on ergonomic contribution to the engineering design approach of a wheel loader control lever system	Sustainability (Switzerland)	14	1	10.3390/su14010122	2022				2-s2.0-85121675455	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121675455&doi=10.3390%2Fsu14010122&partnerID=40&md5=5651dc40a443b271e147fe57551a26f3	SCOPUS
1010	L., Kouhalvandi, Lida; L., Matekovits, Ladislau; I., Peter, Ildiko	Deep learning assisted automatic methodology for implanted mimo antenna designs on large ground plane	Electronics (Switzerland)	11	1	10.3390/electronics11010047	2022				2-s2.0-85121647387	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121647387&doi=10.3390%2Felectronics11010047&partnerID=40&md5=1fed6ead415fb16bb07c0067aa0d1414	SCOPUS
1011	L.C., Balint, Lorena Cristina; I., Hulka, Iosif; A., Kellenberger, Andrea	Pencil graphite electrodes decorated with platinum nanoparticles as efficient electrocatalysts for hydrogen evolution reaction	Materials	15	1	10.3390/ma15010073	2022				2-s2.0-85121646683	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121646683&doi=10.3390%2Fma15010073&partnerID=40&md5=0a6157b7a645b748182311aa978f5d80	SCOPUS

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1012	I.L., Drăgoi, Iulia Iovanca; F.G., Popescu, Florina Georgeta; T., Petrița, Teodor; R.F., Tatu, Romulus Fabian; C.I., Bondor, Cosmina Ioana; C.S., Tatu, Carmen Sofica; F.L., Bowling, Frank Lee; N.D., Reeves, Neil D.; M.E., Ionac, Mihai Edmond	A custom-made lower limb dynamometer for assessing ankle joint torque in humans: Calibration and measurement procedures	Sensors	22	1	10.3390/s22010135	2022				2-s2.0-85121629170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121629170&doi=10.3390%2Fs22010135&partnerID=40&md5=a1e2d07376b73bed87ae38147a4f94a4	SCOPUS
1013	S., Motoc, Sorina; F., Manea, Florica; A., Baciuc, Anamaria; C., Orha, Corina; A., Pop, Aniela	Electrochemical method for ease determination of sodium diclofenac trace levels in water using graphene—Multi-walled carbon nanotubes paste electrode	International Journal of Environmental Research and Public Health	19	1	10.3390/ijerph19010029	2022				2-s2.0-85121398635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121398635&doi=10.3390%2Fijerph19010029&partnerID=40&md5=5f2fccf61232719c9a41b2c14feedd6f	SCOPUS
1014	I.A., Zamfirache, Iuliu Alexandru; R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian; E.M., Petriu, Emil M.	Reinforcement Learning-based control using Q-learning and gravitational search algorithm with experimental validation on a nonlinear servo system	Information Sciences	583		10.1016/j.ins.2021.10.070	2022	99	120	22	2-s2.0-85119897644	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119897644&doi=10.1016%2Fj.ins.2021.10.070&partnerID=40&md5=a31c736d7b8ad41eb86234c743e8ab27	SCOPUS
1015	L., Ivascu, Larisa; M., Sarfraz, Muddassar; A.E., Domil, Aura Emanuela; O., Bogdan, Oana; V., Burcă, Valentin	Assessment of country institutional factor on sustainable energy target achievement in European Union	Economic Research-Ekonomska Istrazivanja	35	1	10.1080/1331677X.2021.2002706	2022	3641	3662	22	2-s2.0-85119668843	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119668843&doi=10.1080%2F1331677X.2021.2002706&partnerID=40&md5=61f713df65254078a592a8e1d143140c	SCOPUS
1016	C., Ianăși, Cătălin; E.M., Picioruș, Elena Mirela; R., Nicola, Roxana; A.M., Lăcrămă, Ana Maria; A., Negrea, Adina; M., Ciopec, Mihaela; A., Len, Adél; L., Almásy, László	Synthesis and characterization of magnetic iron oxide–silica nanocomposites used for adsorptive recovery of palladium (II)	Soft Materials	20		10.1080/1539445X.2021.1999270	2022				2-s2.0-85119512899	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119512899&doi=10.1080%2F1539445X.2021.1999270&partnerID=40&md5=fecfd4d1678ff51ab7844d68635cbee1	SCOPUS
1017	S., Fakhte, Saeed; L., Matekovits, Ladislau	Controlling frequency distance between individual modes of dielectric resonator nanoantenna using uniaxial anisotropic materials	Radiation Physics and Chemistry	190		10.1016/j.radphyschem.2021.109812	2022				2-s2.0-85116523646	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116523646&doi=10.1016%2Fj.radphyschem.2021.109812&partnerID=40&md5=87676a3fed148ff4637bff6853e5ace3	SCOPUS

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1018	A., Forton, Andrei; S., Mangiafico, Salvatore; C., Sauzéat, Cédric; H., Di Benedetto, Herve; P., Marc, Paul	Critical temperatures blending chart for binder blends produced with rap binder and rejuvenator	Journal of Testing and Evaluation	50	1	10.1520/JTE20200710	2022	1	20	20	2-s2.0-85106937962	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106937962&doi=10.1520%2FJTE20200710&partnerID=40&md5=cd9f155dea490dbf25be0742494a2e14	SCOPUS
1019	S., Brata, Silviana; C., Tanasa, Cristina; D., Dan, Daniel; V.A., Stoian, Valeriu Augustin; I.S., Doboși, Ioan Silviu; S., Brata, Sorin	Energy potential of a ground-air heat exchanger-measurements and computational models	Science and Technology for the Built Environment	28	1	10.1080/23744731.2021.1898244	2022	84	93	10	2-s2.0-85102797319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102797319&doi=10.1080%2F23744731.2021.1898244&partnerID=40&md5=f0ec63dd357f899a366605f0eb0f693e	SCOPUS
1020	C.T., Albulescu, Claudiu Tiberiu; S., Miclea, Serban; E., Grecu, Eugenia	Firm-level TFP convergence: an application to the German electricity and gas industry	Applied Economics Letters	29	9	10.1080/13504851.2021.1887803	2022	805	811	7	2-s2.0-85101245665	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101245665&doi=10.1080%2F13504851.2021.1887803&partnerID=40&md5=a9eff524421e47500d4ea8b254a97e11	SCOPUS
1021	R.I., Negrea, Romeo Iosif	On a class of stochastic integro-differential equations	Applicable Analysis	101	9	10.1080/00036811.2020.1846723	2022	3308	3315	8	2-s2.0-85096140187	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096140187&doi=10.1080%2F00036811.2020.1846723&partnerID=40&md5=d3a4ab3ed39a7702a5f966a677b454d2	SCOPUS
1022	D., Banciu, Doina; B.V., Arulanandam, Benedict Valentine; T., Munhenga, Trymore; L., Ivascu, Larisa	Digital financial literacy and microfinancing among underprivileged communities in Cambodia; Alfabetizare financiară digitală și microfinanțare în rândul comunităților defavorizate din Cambodgia	Revista Romana de Informatica si Automatica	32	4	10.33436/v32i4y202207	2022	77	92	16	2-s2.0-105007237982	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007237982&doi=10.33436%2Fv32i4y202207&partnerID=40&md5=7e2b45c18bcc16f907cda43ff01a32fb	SCOPUS
1023	D., Mikic, Danilo; E., Desnica, Eleonora; I., Kiss, Imre; V., Mikic, Vladimir	RELIABILITY ANALYSIS OF ROLLING BALL BEARINGS CONSIDERING THE BEARING RADIAL CLEARANCE AND OPERATING TEMPERATURE	Advanced Engineering Letters	1	1	10.46793/adeletters.2022.1.1.3	2022	16	22	7	2-s2.0-105003388365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003388365&doi=10.46793%2Fadeletters.2022.1.1.3&partnerID=40&md5=a41516379d2d84cd4c05e4c9388a197e	SCOPUS
1024	Adriana Berdich;Bogdan Groza;Efrat Levy;Asaf Shabtai;Yuval Elovici;René Mayrhofer	Fingerprinting Smartphones Based on Microphone Characteristics From Environment Affected Recordings	IEEE Access	10		10.1109/ACCESS.2022.3223375	2022	122399	122413	15		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9955522	IEEE

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1025	Daniel Belega;Dario Petri	Algorithms for Real-Valued Noisy Damped Sinusoid Parameter Estimation	IEEE Open Journal of Instrumentation and Measurement	1		10.1109/OJIM.2022.3212727	2022	1	10	10		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9913664	IEEE
1026	Tudor Andreica;Christian-Daniel Curia;Camil Jichici;Bogdan Groza	Android Head Units vs. In-Vehicle ECUs: Performance Assessment for Deploying In-Vehicle Intrusion Detection Systems for the CAN Bus	IEEE Access	10		10.1109/ACCESS.2022.3204746	2022	95161	95178	18		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9878344	IEEE
1027	Raza Ullah;Sadiq Ullah;Rizwan Ullah;Ifthikhar Ud Din;Babar Kamal;Muhammad Altaf Hussain Khan;Ladislau Matekovits	Wideband and High Gain Array Antenna for 5G Smart Phone Applications Using Frequency Selective Surface	IEEE Access	10		10.1109/ACCESS.2022.3196687	2022	86117	86126	10		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9851424	IEEE
1028	Wei Xu;Kaiju Liao;Qizhe Wang;Lili Bai;Yifan Gong;Essam M. Rashad;Ion Boldea	A Stroke Estimation Method for Linear Oscillatory Machine Using an Improved Sliding Mode Observer	IEEE Transactions on Industry Applications	58	6	10.1109/TIA.2022.3193653	2022	7286	7296	11		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9839615	IEEE
1029	Kaiju Liao;Wei Xu;Lili Bai;Yifan Gong;Moustafa Magdi Ismail;Ion Boldea	Improved Position Sensorless Piston Stroke Control Method for Linear Oscillatory Machine via an Hybrid Terminal Sliding-Mode Observer	IEEE Transactions on Power Electronics	37	12	10.1109/TPEL.2022.3188828	2022	14186	14197	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9816019	IEEE
1030	Lucian Popa;Bogdan Groza;Camil Jichici;Pal-Stefan Murvay	ECUPrint—Physical Fingerprinting Electronic Control Units on CAN Buses Inside Cars and SAE J1939 Compliant Vehicles	IEEE Transactions on Information Forensics and Security	17		10.1109/TIFS.2022.3158055	2022	1185	1200	16		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9730883	IEEE
1031	Camil Jichici;Bogdan Groza;Radu Ragobete;Pal-Stefan Murvay;Tudor Andreica	Effective Intrusion Detection and Prevention for the Commercial Vehicle SAE J1939 CAN Bus	IEEE Transactions on Intelligent Transportation Systems	23	10	10.1109/TITS.2022.3151712	2022	17425	17439	15		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9723019	IEEE
1032	Adrian Daniel Martin;Lucian Nicolae Tutelea;Ion Boldea	Twin Inverter-Fed Induction Machines Artificial Loading Without Mechanical Coupling	IEEE Transactions on Industry Applications	58	3	10.1109/TIA.2022.3151320	2022	3738	3749	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9713704	IEEE
1033	Claudiu Pozna;Radu-Emil Precup;Ernő Horváth;Emil M. Petriu	Hybrid Particle Filter–Particle Swarm Optimization Algorithm and Application to Fuzzy Controlled Servo Systems	IEEE Transactions on Fuzzy Systems	30	10	10.1109/TFUZZ.2022.3146986	2022	4286	4297	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9697415	IEEE
1034	Sumer Singh Singhwal;Ladislau Matekovits;Ildiko Peter;Binod Kumar Kanaujia	A Study on Application of Dielectric Resonator Antenna in Implantable Medical Devices	IEEE Access	10		10.1109/ACCESS.2022.3144664	2022	11846	11857	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9687550	IEEE
1035	Lida Kouhalvandi;Ladislau Matekovits	Hyperparameter Optimization of Long Short-Term Memory-Based Forecasting DNN for Antenna Modeling Through Stochastic Methods	IEEE Antennas and Wireless Propagation Letters	21	4	10.1109/LAWP.2022.3144046	2022	725	729	5		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9684959	IEEE
1036	Ion Boldea;Lucian Nicolae Tutelea;Ana Adela Popa	Reluctance Synchronous and Flux-Modulation Machines Designs: Recent Progress	IEEE Journal of Emerging and Selected Topics in Power Electronics	10	2	10.1109/JESTPE.2021.3133129	2022	1683	1702	20		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9638452	IEEE
1037	Ion Boldea;Lucian Nicolae Tutelea;Ana Adela Popa	Claw Pole Synchronous Motors/Generators (CP-SMs/Gs) Design and Control: Recent Progress	IEEE Journal of Emerging and Selected Topics in Power Electronics	10	4	10.1109/JESTPE.2021.3125044	2022	4556	4564	9		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9599679	IEEE
1038	Negrea, Romeo	On a class of Ito stochastic differential equations	RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO	72	1	http://dx.doi.org/10.1007/s12215-021-00670-2	2023	253	272	20	WOS:000702974800002	View Full Record in Web of Science	ESCI
1039	Voicu, Vladimir; Draghici, Anca	Mitigating risks in railway tunnel maintenance: A pilot study on air quality management during drainage flushing	COGENT ENGINEERING	10	1	http://dx.doi.org/10.1080/23311916.2023.2244767	2023			10	WOS:001044789800001	View Full Record in Web of Science	ESCI
1040	Simon, Simona; Dejica-Caris, Daniel; Farcasiu, Marcela Alina; Kilyeni, Annamaria	Training easy-to-read validators for a linguistically inclusive society	OPEN LINGUISTICS	9	1	http://dx.doi.org/10.1515/opli-2022-0263	2023			10	WOS:001125583700001	View Full Record in Web of Science	ESCI
1041	Brebu, Floarea-Maria; Jianu, Maria-Roberta; David, Viorica; Bala, Alina-Corina	Thermal Imaging Used in Building Thermal Evaluation	ROMANIAN JOURNAL OF TRANSPORT INFRASTRUCTURE	12	2	http://dx.doi.org/10.2478/rjti-2023-0009	2023	18	18	1	WOS:001189214800002	View Full Record in Web of Science	ESCI

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1042	Duta, Alexandru; Lelea, Dorin	THERMAL SIMULATION OF 12V/48V DC-DC CONVERTER WITH LIQUID COOLING	INGINERIA AUTOMOBILULUI		69		2023	21	24	4	WOS:001162722500007	View Full Record in Web of Science	ESCI
1043	Boi, Biagio; Gupta, Tarush; Rinhel, Marcelo; Jubea, Iuliana; Khondoker, Rahamatullah; Esposito, Christian; Sousa, Bruno Miguel	Strengthening Automotive Cybersecurity: A Comparative Analysis of ISO/SAE 21434-Compliant Automatic Collision Notification (ACN) Systems	VEHICLES	5	4	http://dx.doi.org/10.3390/vehicles5040096	2023	1760	1802	43	WOS:001131448300001	View Full Record in Web of Science	ESCI
1044	Turi, Attila	REVERSE BULLWHIP EFFECT IN THE AUTOMOTIVE INDUSTRY: CASE STUDY FROM ROMANIA	EKONOMSKI VJESNIK	36	2	http://dx.doi.org/10.51680/v.36.2.11	2023			12	WOS:001136653000001	View Full Record in Web of Science	ESCI
1045	Todea, V.; Dan, D.; Florut, S. C.; Stoian, V.; Popescu, V. S.	NUMERICAL STUDY ON THE SEISMIC PERFORMANCE OF HYBRID SHEAR WALLS WITH CENTERED OPENINGS	JOURNAL OF APPLIED ENGINEERING SCIENCES	13	2	http://dx.doi.org/10.2478/jaes-2023-0036	2023	281	288	8	WOS:001114756100005	View Full Record in Web of Science	ESCI
1046	Yasmeen, Rizwana; Sarfraz, Muddassar; Shah, Wasi Ul Hassan; Ivascu, Larisa; Cifuentes-Faura, Javier	The impact of public awareness, infrastructure, and technological development with economic growth on solid waste management of European countries: does governance quality matters	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30	53	http://dx.doi.org/10.1007/s11356-023-30356-4	2023	113442	113456	15	WOS:001088928600011	View Full Record in Web of Science	ESCI
1047	Timpea, Stefan Adrian; Codrean, Cosmin; Sirbu, Nicusor-Alin; Dume, Adrian Ilie; Cosma, Cristian; Serban, Viorel-Aurel	Compressive Behavior of Various BCC Lattice Structure	NANO HYBRIDS AND COMPOSITES	41		http://dx.doi.org/10.4028/p-VO3r4q	2023	39	45	7	WOS:001221861900002	View Full Record in Web of Science	ESCI
1048	Galatanu, Sergiu-Valentin; Duma, Iuliana; Popa, Cosmin Florin; Murariu, Alin Constantin; Perianu, Ion Aurel; Liviu, Marsavina	Numerical and Experimental Study for Al4043A Aluminium-Silicium Alloy Fabricated by Wire Arc Additive Manufacturing under Dynamic Tests	NANO HYBRIDS AND COMPOSITES	41		http://dx.doi.org/10.4028/p-o9cOIX	2023	47	53	7	WOS:001221861900001	View Full Record in Web of Science	ESCI
1049	Rajic, Andrea; Lukacevic, Ivan; Skejic, Davor; Ungureanu, Viorel	Cold-formed Steel-Concrete Composite Beams with Back-to-Back Channel Sections in Bending	CIVIL ENGINEERING JOURNAL-TEHRAN	9	10	http://dx.doi.org/10.28991/CEJ-2023-09-10-01	2023	2345	2369	25	WOS:001106385800007	View Full Record in Web of Science	ESCI
1050	Manea, Adela; Perju, Delia; Tamas, Andra; Benede, Juan; Grau, Jose	The Method of Studying Cosmetic Creams Based on the Principles of Systems Theory and Mathematical Modeling Techniques	COSMETICS	10	5	http://dx.doi.org/10.3390/cosmetics10050118	2023			13	WOS:001094201300001	View Full Record in Web of Science	ESCI
1051	Fatol, Dana; Robescu, Diana	TWO WORLDS APART? OVERCOMING THE DISCORD IN TALENT MANAGEMENT BETWEEN ACADEMIA AND BUSINESS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	66			2023	141	146	6	WOS:001134913900012	View Full Record in Web of Science	ESCI
1052	Argesanu, Adrian-Loan; Andreescu, Gheorghe-Daniel	FROM DATA TO DECISIONS: THE IMPORTANCE OF MONITORING ML SYSTEMS IN INDUSTRIAL SETTINGS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	66	3		2023	381	388	8	WOS:001106401600010	View Full Record in Web of Science	ESCI
1053	Argesanu, Adrian-Loan; Andreescu, Gheorghe-Daniel	STREAMLINING MACHINE LEARNING WORKFLOWS IN INDUSTRIAL APPLICATIONS WITH CLT'S AND CI/CD PIPELINES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	66	3		2023	389	396	8	WOS:001106401600012	View Full Record in Web of Science	ESCI
1054	Armioni, Diana Miruna; Ratiu, Sorin Aurel; Ionel, Ioana	STUDY OF THE HAZARDOUS COMPOUNDS IN USED ENGINE OIL AND THEIR TOXICITY	INGINERIA AUTOMOBILULUI		68		2023	20	23	4	WOS:001101879400005	View Full Record in Web of Science	ESCI
1055	Burca, Ion; Badea, Valentin; Deleanu, Calin; Bercean, Vasile-Nicolae; Peter, Francisc	4-(4-ethoxyphenyl)-5-(4-methoxyphenyl)-2,4-dihydro-3H-1,2,4-triazol-3-one	MOLBANK	2023	3	http://dx.doi.org/10.3390/M1705	2023			7	WOS:001076956600001	View Full Record in Web of Science	ESCI

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1056	Niehaus, Markus; Hansen, Katrin; Mocan, Marian; Barmayoun, Darius	Unraveling Successful Company Organizations: A Research Design to Explore Strategies for Thriving Amid Market Turbulence	ADMINISTRATIVE SCIENCES	13	9	http://dx.doi.org/10.3390/admsci13090204	2023			12	WOS:001078852500001	View Full Record in Web of Science	ESCI
1057	Pintea, Benjamin-Nicolae; Burca, Ion; Badea, Valentin; Peter, Francisc	Synthesis of a Novel 2-((4,5-Diphenyl-4H-1,2,4-triazol-3-yl)thio)acetaldehyde as a Bisulfite Adduct	MOLBANK	2023	3	http://dx.doi.org/10.3390/M1715	2023			6	WOS:001076774600001	View Full Record in Web of Science	ESCI
1058	Burca, Ion; Diaconescu, Alexandra-Mihaela; Badea, Valentin; Peter, Francisc	5-((4-(Phenyldiazenyl)phenyl)diazenyl)quinolin-8-ol	MOLBANK	2023	3	http://dx.doi.org/10.3390/M1701	2023			5	WOS:001076869300001	View Full Record in Web of Science	ESCI
1059	Sun, Jianmin; Sarfraz, Muddassar; Ivascu, Larisa; Ozturk, Ilknur	Unveiling green synergies: sustainable performance through human resource management, CSR, and corporate image under a mediated moderation framework	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30	45	http://dx.doi.org/10.1007/s11356-023-29468-8	2023	101392	101409	18	WOS:001065226700003	View Full Record in Web of Science	ESCI
1060	Constantin, George-Dumitru; Mazilescu, Crisanta-Alina; Hoinoiu, Teodora; Hoinoiu, Bogdan; Luca, Ruxandra Elena; Viscu, Loredana-Ileana; Pasca, Ioana Giorgiana; Oancea, Roxana	Attitude of Romanian Medical Students and Doctors toward Business Ethics: Analyzing the Influence of Sex, Age, and Ethics Education	EUROPEAN JOURNAL OF INVESTIGATION IN HEALTH PSYCHOLOGY AND EDUCATION	13	8	http://dx.doi.org/10.3390/ejihpe13080106	2023	1452	1466	15	WOS:001054393500001	View Full Record in Web of Science	ESCI
1061	Baera, Cornelia; Gruin, Aurelian; Enache, Felicia; Bolborea, Bogdan; Chendes, Remus-Vasile; Cioabanu, Adrian; Varga, Luiza; Sandu, Ion; Corbu, Ofelia	OPPORTUNITIES REGARDING THE INNOVATIVE CONSERVATION OF THE ROMANIAN VERNACULAR URBANISTIC HERITAGE	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	14	3	http://dx.doi.org/10.36868/IJCS.2023.03.09	2023	913	936	24	WOS:001085013000009	View Full Record in Web of Science	ESCI
1062	Gherman, Vasile Daniel; Cimpoiasu, Vily Marius; Moga, Ioana Corina; Popa, Radu	CONSERVATION OF AQUATIC ECOSYSTEMS BY CONSTRAINING NITROGEN POLLUTION THROUGH AQUACULTURE EFFLUENTS	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	14	3	http://dx.doi.org/10.36868/IJCS.2023.03.21	2023	1107	1126	20	WOS:001085013000021	View Full Record in Web of Science	ESCI
1063	Togoe, Marius Mihai; Caplar, Borislav-Dusan; Craciunescu, Emanuela-Lidia; Miok, Kristian; Stoia, Dan Ioan; Cernescu, Anghel; Pop, Daniela Maria; Sinescu, Cosmin; Rominu, Mihai; Negrutiu, Meda-Lavinia	MECHANICAL AND FRACTOGRAPHIC ASSESSMENT OF DIFFERENT TYPES OF ENDODONTIC POST SYSTEMS USED IN THE RESTORATION OF DEVITALIZED TEETH	ROMANIAN JOURNAL OF ORAL REHABILITATION	15	3		2023	54	60	7	WOS:001083914900005	View Full Record in Web of Science	ESCI
1064	Marinescu, Adrian George; Abuabboud, Osama; Nica, Luminita-Maria; Cirligeriu, Laura-Elena; Rotar, Raul; Cornacchia, Simona; Stoia, Dan-Ioan; Jivanescu, Anca	COMPARISON OF THE FRACTURE RESISTANCE OF ENDODONTICALLY TREATED TEETH RESTORED WITH DIRECT COMPOSITE RESTORATIONS VERSUS ENDOCROWNS- AN IN VITRO STUDY	ROMANIAN JOURNAL OF ORAL REHABILITATION	15	3		2023	69	79	11	WOS:001083914900007	View Full Record in Web of Science	ESCI
1065	Bosioc, Alin Ilie; Szakal, Raul-Alexandru; Stuparu, Adrian; Susan-Resiga, Romeo	Numerical Analysis of the Flow by Using a Free Runner Downstream the Francis Turbine	INTERNATIONAL JOURNAL OF TURBOMACHINERY PROPULSION AND POWER	8	2	http://dx.doi.org/10.3390/ijtp8020014	2023			9	WOS:001017419000001	View Full Record in Web of Science	ESCI
1066	Cernicova-Buca, Mariana	Authorship in Communication Science Journals: Mapping Romanian Practices	PUBLICATIONS	11	2	http://dx.doi.org/10.3390/publications11020020	2023			14	WOS:001015669400001	View Full Record in Web of Science	ESCI
1067	Criveanu, Anca; Dumitrache, Florian; Fleaca, Claudiu; Gavrilă-Florescu, Lavinia; Lungu, Iulia; Morjan, Iuliana P.; Socoliuc, Vlad; Prodan, Gabriel	Chitosan-coated iron oxide nanoparticles obtained by laser pyrolysis	APPLIED SURFACE SCIENCE ADVANCES	15		http://dx.doi.org/10.1016/j.apsadv.2023.100405	2023			9	WOS:000985919300001	View Full Record in Web of Science	ESCI
1068	Both, Ioan; Burca, Mircea; Benzar, Stefan; Ungureanu, Viorel	Numerical Study on the Behaviour of Built-up Cold-Formed Steel Corrugated Web Beams End Connections	CIVIL ENGINEERING JOURNAL-TEHRAN	9	4	http://dx.doi.org/10.28991/CEJ-2023-09-04-01	2023	770	786	17	WOS:000984305800001	View Full Record in Web of Science	ESCI

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1069	Bucevski, Robert; Socalici, Ana-Virginia; Budiul-Berghian, Adina; Birtok-Baneasa, Corneliu	ANALYSIS AND DEVELOPMENT OF THE EXPERIMENTAL MANUFACTURING PROCESS OF POROUS CERAMIC FILTERS FOR AUTOMOTIVE INDUSTRY	INGINERIA AUTOMOBILULUI		66		2023	15	17	3	WOS:001156834100006	View Full Record in Web of Science	ESCI
1070	Szekely, Diana; Vert, Silviu; Rotaru, Oana; Andone, Diana	Usability Evaluation with Eye Tracking: The Case of a Mobile Augmented Reality Application with Historical Images for Urban Cultural Heritage	HERITAGE	6	3	http://dx.doi.org/10.3390/heritage6030172	2023	3256	3270	15	WOS:000955993900001	View Full Record in Web of Science	ESCI
1071	Ungureanu, Viorel; Kotelko, Maria; Bodea, Florin; Both, Ioan; Czechowski, Leszek	Failure mechanisms of TWCFS members considering various eccentricities	STEEL CONSTRUCTION-DESIGN AND RESEARCH	16	1	http://dx.doi.org/10.1002/stco.202200045	2023	44	55	12	WOS:000951591400007	View Full Record in Web of Science	ESCI
1072	Sarfraz, Muddassar; Ye, Zhixiao; Ozturk, Ilknur; Ivascu, Larisa	Fostering firm performance through the lens of environmental leadership and knowledge learning: a mediated moderation model	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30	15	http://dx.doi.org/10.1007/s11356-023-25415-9	2023	44657	44670	14	WOS:000922770300007	View Full Record in Web of Science	ESCI
1073	Nita, Lucian Dumitru; Tarau, Dorin; Rogobete, Gheorghe; Crista, Florin; Nita, Simona; Lato, Karel Iaroslav; Copcea, Anisoara Duma; Lato, Alina; Okros, Adalbert	PHYSICAL-GEOGRAPHICAL AND SOCIO-ECONOMIC CONDITIONS DEFINING THE QUALITY OF THE ECO-PEDOLOGICAL RESOURCES IN THE TIMIȘOARA METROPOLITAN AREA	SCIENTIFIC PAPERS-SERIES A-AGRONOMY	66	1		2023	793	804	12	WOS:001112923300007	View Full Record in Web of Science	ESCI
1074	Krausz, Tamas; Popa, Cosmin Florin; Galatanu, Sergiu-Valentin; Marsavina, Liviu	NUMERICAL AND EXPERIMENTAL STUDY FOR POLYCARBONATE COMPOSITES UNDER STATIC AND DYNAMIC TESTS	STRUCTURAL INTEGRITY AND LIFE-INTEGRITET I VEK KONSTRUKCIJA	23	3		2023	251	256	6	WOS:001165163800001	View Full Record in Web of Science	ESCI
1075	Magyar, Petra; Faur, Mihaela; Nita, Valentin; Dintica, Gabriela; Oravitan, Mihaela	Developing the Speed of Fencers at the Level of the Lower and Upper Limbs through a Combined Program of Non-Specific and Fencing-Specific Exercises	ANNALS OF APPLIED SPORT SCIENCE	11	4	http://dx.doi.org/10.52547/aassjournal.1206	2023			12	WOS:001127673000007	View Full Record in Web of Science	ESCI
1076	Sirbu, Ovidiu Marcel; Vilceanu, Clara -Beatrice; Moscovici, Anca Maria; Iliescu, Alexandru-Iulian; Chendes, Remus; Anderca, Otilia-Maria	MONITORING OF DEALUL MARIA MARBLE PERIMETER, RUSCHITA, CARAS-SEVERIN COUNTY	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	12			2023	11	18	8	WOS:001112288100001	View Full Record in Web of Science	ESCI
1077	Popa, Maria; Glevitzky, Mirel; Dumitrel, Gabriela-Alina; Popa, Dorin; Virsta, Ana	IMPROVING THE SYSTEM OF LOGISTICS MANAGEMENT AND SIGNALING, IDENTIFICATION, CLASSIFICATION OF NONCOMPLIANCE IN THE WATER BOTTLING INDUSTRY	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	12			2023	251	257	7	WOS:001112288100026	View Full Record in Web of Science	ESCI
1078	Budau, Laurentiu; Pescari, Simon; Chendes, Remus; Vilceanu, Clara-Beatrice; Herban, Sorin	COMPARATIVE STUDY ON DIGITAL IMAGE PROCESSING FOR 3D MODELING	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	12			2023	364	370	7	WOS:001112288100024	View Full Record in Web of Science	ESCI
1079	Merea, Mircea Razvan; Pescari, Simon Alexandru; Stoian, Valeriu-Augustin; Vilceanu, Clara -Beatrice	COMPARISON STUDY BETWEEN A CONCRETE FRAME STRUCTURE AND A MASONRY STRUCTURE FOR A FIVE-STOREY BUILDING	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	12			2023	505	510	6	WOS:001112288100049	View Full Record in Web of Science	ESCI

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1080	Pitroaca, Alexandru Florin; Pescari, Simon Alexandru; Stoian, Valeriu-Augustin; Vilceanu, Clara-Beatrice	COMPARISON STUDY BETWEEN A PITCHED ROOF AND A FLAT ROOF FOR A 2-STOREY HOUSE	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	12			2023	511	515	5	WOS:001112288100012	View Full Record in Web of Science	ESCI
1081	Czechowski, Leszek; Kotelko, Maria; Jankowski, Jacek; Ungureanu, Viorel; Sanduly, Annabella	Strength analysis of eccentrically loaded thin-walled steel lipped C-profile columns	ARCHIVES OF CIVIL ENGINEERING	69	3	http://dx.doi.org/10.24425/ace.2023.146082	2023	301	316	16	WOS:001108627900032	View Full Record in Web of Science	ESCI
1082	Dawod, Nazem; Stoia, Dan Ioan; Focsaneanu, Sergiu; Antoniac, Aurora; Robu, Alina; Dura, Horatiu; Carstoc, Ioana Dana; Dragomir, Bogdan Radu	SHEAR STRESS ANALYSIS BY FINITE ELEMENTS OF A METAL-CERAMIC DENTAL BRIDGE ON A CoCr ALLOY SUPPORT	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	85	3		2023	191	206	16	WOS:001052966300017	View Full Record in Web of Science	ESCI
1083	Farcean, Ioana; Prostean, Gabriela; Ardelean, Erika	LIFE CYCLE ANALYSIS OF STEEL MADE IN THE ELECTRIC ARC FURNACE WITH ECCENTRIC BOTTOM TAPPING	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	85	3		2023	219	230	12	WOS:001052966300019	View Full Record in Web of Science	ESCI
1084	Poenaru, Iulia-Olivia; Socalici, Ana Virginia; Magaon, Miruna; Budul Berghian, Adina; Birtok Baneasa, Corneliu	CONSIDERATIONS REGARDING REDUCING OXYGEN CONTENT IN STEELS	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	85	3		2023	231	238	8	WOS:001052966300020	View Full Record in Web of Science	ESCI
1085	Odagiu, Petrisor-Ovidiu; Salcianu, Cornelia Laura; Ghera, Cristian; Buzatu, Andreea Daniela; Micu, Lavinia Madalina; Luca, Alexandru Nicolae; Bordeasu, Ilare; Ghiban, Brandusa	HEAT TREATMENT PARAMETERS INFLUENCE ON THE CAVITATION RESISTANCE OF AN ALUMINUM ALLOY	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	85	3		2023	239	252	14	WOS:001052966300021	View Full Record in Web of Science	ESCI
1086	Tamas, Andra; Nitu, Sabina; Popa, Simona; Padure, Mirabela	MAYONNAISES FROM FRESH OR FROZEN EGG YOLK WITH RAPESEED AND SESAME OILS -THE INFLUENCE OF EGG YOLK FREEZING AND STORAGE TIME AND OILS RATIO	CHEMISTRY JOURNAL OF MOLDOVA	18	1	http://dx.doi.org/10.19261/cjm.2023.1060	2023	52	60	9	WOS:001022876600005	View Full Record in Web of Science	ESCI
1087	Perea, Ana -Maria Minda; Albu, Adriana	Prostate Cancer Classifier based on Three-Dimensional Magnetic Resonance Imaging and Convolutional Neural Networks	COMPUTER SCIENCE JOURNAL OF MOLDOVA	31	1	http://dx.doi.org/10.56415/csjm.v31.02	2023	22	44	23	WOS:000970350800002	View Full Record in Web of Science	ESCI
1088	Sarfraz, Muddassar; Abdullah, Muhammad Ibrahim; Ivascu, Larisa; Ahmad, Umair	Organizational learning from errors and organizational effectiveness: A dual mediation model	HUMAN SYSTEMS MANAGEMENT	42	2	http://dx.doi.org/10.3233/HSM-220106	2023	219	232	14	WOS:000964726300009	View Full Record in Web of Science	ESCI
1089	Bordeasu, Ilare; Ghiban, Brandusa; Nagy, Vasile; Paraianu, Vlad; Ghera, Cristian; Istrate, Dionisie; Demian, Alin Mihai; Odagiu, Petrisor-Ovidiu	CAVITATIONAL EROSION RESISTANCE CONSIDERATIONS FOR ALLOY 6082 STATE T651	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	85	1		2023	213	224	12	WOS:000957802300017	View Full Record in Web of Science	ESCI
1090	D.H., Ursu, Daniel Horatiu; M., Vajda, Melinda; E., Iliș, Elisei; R., Ricman, Radu; M., Marinca, Magdalena; S., Bularka, Szilard; M., Miclău, Marinela; A., Gontean, Aurel	Towards the thermal stability of dye-sensitized solar cells for wavelength-selective greenhouses using the polymorphism of light-scattering layers	Sustainable Energy and Fuels	8	1	10.1039/d3se01084h	2023	54	63	10	2-s2.0-85179158001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179158001&doi=10.1039%2Fd3se01084h&partnerID=40&md5=098f8c5a24a4f78a5b60bca9f4ce13fb	SCOPUS

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1091	M., Bucos, Marian; B., Drăgulescu, Bogdan	Enhancing Fake News Detection in Romanian Using Transformer-Based Back Translation Augmentation	Applied Sciences (Switzerland)	13	24	10.3390/app132413207	2023				2-s2.0-85186395434	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186395434&doi=10.3390%2Fapp132413207&partnerID=40&md5=3ba3d014f3d2fed8494ef798f58f7def	SCOPUS
1092	M., Cernicova-Buca, Mariana; G.M., Dragomir, Gabriel Mugurel; V., Gherheș, Vasile; A., Palea, Adina	Students' Awareness Regarding Environment Protection in Campus Life: Evidence from Romania	Sustainability (Switzerland)	15	23	10.3390/su152316444	2023				2-s2.0-85184499611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184499611&doi=10.3390%2Fsu152316444&partnerID=40&md5=15f2f4a92e97dbd51feaea7aa924123f	SCOPUS
1093	V.A., Nită, Valentin Adrian; P., Magyar, Petra	Improving Balance and Movement Control in Fencing Using IoT and Real-Time Sensorial Feedback †	Sensors	23	24	10.3390/s23249801	2023				2-s2.0-85180709018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180709018&doi=10.3390%2Fs23249801&partnerID=40&md5=ee1ac52eefeb28b01a0c51ccff9ea40	SCOPUS
1094	S., Marc, Simona; J., Savici, Jelena; B., Sicoe, Bogdan; O.M., Boldura, Oana Maria; C., Paul, Cristina; G., Otava, Gabriel	Exencephaly–Anencephaly Sequence Associated with Maxillary Brachygnathia, Spinal Defects, and Palatoschisis in a Male Domestic Cat	Animals	13	24	10.3390/ani13243882	2023				2-s2.0-85180637857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180637857&doi=10.3390%2Fani13243882&partnerID=40&md5=6f508a322d9fd281772b82d154d9b1ed	SCOPUS
1095	G.E., Moșoarcă, Giannin Emanuel; S., Popa, S.; C., Vancea, Cosmin; M.L., Dan, Mircea Laurențiu; S., Boran, Sorina	Modelling and Optimization of Methylene Blue Adsorption Process on Leonurus cardiaca L. Biomass Powder	Processes	11	12	10.3390/pr11123385	2023				2-s2.0-85180524519	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180524519&doi=10.3390%2Fpr11123385&partnerID=40&md5=158aff47e92b33d181f72d4fabab54769	SCOPUS
1096	A., Simo, Attila; F., Mihai Frigura-Iliasa, Flaviu; M., Frigura-Iliasa, Mihaela; P., Andea, Petru	Improvements in the Electronic Performance of ZnO-Based Varistors by Modifying the Manufacturing Process Parameters	Electronics (Switzerland)	12	24	10.3390/electronics12244922	2023				2-s2.0-85180506841	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180506841&doi=10.3390%2Felectronics12244922&partnerID=40&md5=0927659472389a4223701f48efbca0ad	SCOPUS
1097	R.C., Hegheduș-Mîndru, Ramona Cristina; M., Glevitzky, Mirel; M.G., Hegheduș, M. G.; G.A., Dumitrel, Gabriela Alina; M., Popa, Maria; D.M., Popa, Dorian Maria; I., Radulov, Isidora; M.L., Vică, Mihaela Laura	Applications of Romanian Propolis in Phyto-Inhibitory Activity and Antimicrobial Protection: A Comparative Study	Antibiotics	12	12	10.3390/antibiotics12121682	2023				2-s2.0-85180482256	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180482256&doi=10.3390%2Fantibiotics12121682&partnerID=40&md5=1d0b0d25e9a7a64c1ecab2ca7130cb6e	SCOPUS

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1098	I.A., Zamfirache, Iuliu Alexandru; R.E., Precup, Radu Emil; E.M., Petriu, Emil M.	Q-LEARNING, POLICY ITERATION AND ACTOR-CRITIC REINFORCEMENT LEARNING COMBINED WITH METAHEURISTIC ALGORITHMS IN SERVO SYSTEM CONTROL	Facta Universitatis, Series: Mechanical Engineering	21	4	10.22190/FUME231011044Z	2023	615	630	16	2-s2.0-85179884716	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179884716&doi=10.22190%2FFUME231011044Z&partnerID=40&md5=3fdc36c03330d76f222d7e446b61d87	SCOPUS
1099	R.D., Ene, Remus Daniel; N., Pop, Nicolina	Approximate Closed-Form Solutions for a Class of 3D Dynamical Systems Involving a Hamilton–Poisson Part	Mathematics	11	23	10.3390/math11234811	2023				2-s2.0-85178952575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178952575&doi=10.3390%2Fmath11234811&partnerID=40&md5=8350ad30b89347b5f362b981bdf8c3e9	SCOPUS
1100	I., Andrei Gîrbacea, Ioan; V., Ungureanu, Viorel	Efficient design of overlapped purlins loaded by gravity	Structures	58		10.1016/j.istruc.2023.105512	2023				2-s2.0-85177982514	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177982514&doi=10.1016%2Fj.istruc.2023.105512&partnerID=40&md5=982ea66be0fbf78ded421daf625f0ac2	SCOPUS
1101	I., Sarbu, Ioan; A., Dorca, Alexandru	Experimentally investigating and numerically simulating the performances of various low-temperature hydronic heating/cooling systems connected to a vertical closed-loop ground-coupled heat pump	Energy and Buildings	300		10.1016/j.enbuild.2023.113661	2023				2-s2.0-85174677791	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174677791&doi=10.1016%2Fj.enbuild.2023.113661&partnerID=40&md5=6217b4821d23dca40f627013b7413e51	SCOPUS
1102	D.A., Șerban, D. A.; E., Linul, Emanoil	Fatigue behaviour of closed-cell polyurethane rigid foams	Engineering Failure Analysis	154		10.1016/j.engfailanal.2023.107728	2023				2-s2.0-85174333884	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174333884&doi=10.1016%2Fj.engfailanal.2023.107728&partnerID=40&md5=3c98e87e2630726699cfe0c2d562a97e	SCOPUS
1103	I.E., Ținca, Iulia Eliza; A., Davidescu, Arjana	Analytical Fatigue Life Prediction of Ball Grid Array Solder Joints	Journal of Electronic Materials	52	12	10.1007/s11664-023-10724-z	2023	7991	8000	10	2-s2.0-85171986595	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171986595&doi=10.1007%2Fs11664-023-10724-z&partnerID=40&md5=58f997846cb7c191728270dd735bb3b1	SCOPUS

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1104	R.D., Jilte, R. D.; A., Afzal, Asif; Ü., Ağbulut, Ümit; S., Saboor, Shaik; S.A., Khan, Sher Afghan; E., Linul, Emanoil; M., Asif, Mohammad	Battery thermal management of a novel helical channeled cylindrical Li-ion battery with nanofluid and hybrid nanoparticle-enhanced phase change material	International Journal of Heat and Mass Transfer	216		10.1016/j.ijheatmasstransfer.2023.124547	2023				2-s2.0-85169884348	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169884348&doi=10.1016%2Fj.ijheatmasstransfer.2023.124547&partnerID=40&md5=9cf0b696bb4e6a8b3fd14449cf59d47e	SCOPUS
1105	S., Ahlawat, Sarita; B.K., Kumar Kanaujia, Binod Kumar; K., Rambabu, Karumudi; I., Peter, Ildiko; L., Matekovits, Ladislau	Circularly polarized differential intra-oral antenna design validation and characterization for tongue drive system	Scientific Reports	13	1	10.1038/s41598-023-36717-w	2023				2-s2.0-85162268149	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162268149&doi=10.1038%2Ff41598-023-36717-w&partnerID=40&md5=05ee83c20241442f28779e690dbcc931	SCOPUS
1106	D., Sharma, Deepti; B.K., Kumar Kanaujia, Binod Kumar; S., Rambabu, Karumudi; L., Matekovits, Ladislau	Low-loss MIMO antenna wireless communication system for 5G cardiac pacemakers	Scientific Reports	13	1	10.1038/s41598-023-36209-x	2023				2-s2.0-85161855752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161855752&doi=10.1038%2Ff41598-023-36209-x&partnerID=40&md5=a36f350e65d43db7431290b985e71841	SCOPUS
1107	D., Circioban, Denisa; I.V., Ledeti, Ionut Valentin; T., Vlase, T.; G.I., Rusu, Gerlinde I.; A., Ledeti, Adriana; G., Vlase, Gabriela	Stability evaluation and kinetic study for the atypical antidepressant opipramol	Journal of Thermal Analysis and Calorimetry	148	23	10.1007/s10973-023-12249-3	2023	13121	13131	11	2-s2.0-85159700849	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159700849&doi=10.1007%2Ff415973-023-12249-3&partnerID=40&md5=9b6c6464f0021cee08f97045a5b316ad	SCOPUS
1108	B.A., Bercean, Bogdan Alexandru; A., Birhala, Andreea; P.G., Ardelean, Paula G.; I., Barbulescu, Ioana; M.M., Benta, Marius M.; C.D., Rasadean, Cristina D.; D., Costachescu, Dan; C., Avramescu, Cristian; A., Tenescu, Andrei; S., Iarca, Stefan	Evidence of a cognitive bias in the quantification of COVID-19 with CT: an artificial intelligence randomised clinical trial	Scientific Reports	13	1	10.1038/s41598-023-31910-3	2023				2-s2.0-85150959111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150959111&doi=10.1038%2Ff41598-023-31910-3&partnerID=40&md5=a6533115fbf6c31ea6b38f0ccc27e4a6	SCOPUS
1109	D., Tivadar, Demjen; E.C., Lovasz, Erwin Christian; M.M., Ceccarelli, Marco M.; C., Sticlaru, Carmen; A.M.M.F., Lupuți, Antonio M.F. Marius Flavius; A., Oarcea, Alexandru; D.C., Silaghi-Perju, Dana Cristian	Design of the five-bar linkage with singularity-free workspace	Robotica	41	11	10.1017/S0263574723001042	2023	3361	3379	19	2-s2.0-85171800657	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171800657&doi=10.1017%2FS0263574723001042&partnerID=40&md5=b0f0de6b4d1631f5d10bd03a3e4ddc85c	SCOPUS

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1110	A.M., Mateoiu, Ana Maria; A., Korodi, Adrian; A., Stoianovici, Anka; R., Tira, Radu	Supervisory Monitoring and Control Solution on Android Mobile Devices for the Water Industry 4.0	Sustainability (Switzerland)	15	22	10.3390/su152216022	2023				2-s2.0-85197644175	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197644175&doi=10.3390%2Fsu152216022&partnerID=40&md5=e8c386804d30ca445cab24ce4d347840	SCOPUS
1111	B., Arvintî, Beatrice; A., Isar, Alexandru	Improving Chest Monitoring through Magnetic Resonance Angiogram Image Contrast Enhancement	Life	13	11	10.3390/life13112160	2023				2-s2.0-85192800783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192800783&doi=10.3390%2Flife13112160&partnerID=40&md5=dbcf26c6d34b8b36d494ed0fa577fb56	SCOPUS
1112	R.M., Popa, Rareș Mihăiță; D.M., Mustață, Dan Marius; I.C., Ionel, Ioana C.; R.M., Balogh, Ramon Mihai	Metal Element Traces Sampled from Peri-Urban Road Verge Particulate Matter	Applied Sciences (Switzerland)	13	21	10.3390/app13211649	2023				2-s2.0-85192390275	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192390275&doi=10.3390%2Fapp13211649&partnerID=40&md5=0d136811aa8452cbd78a636f6ff7b797	SCOPUS
1113	C.E., Moldovan, Cristian Emil; C., Sticlaru, Carmen	Performance Analysis of Polymer Additive Manufactured Gear Bearings	Applied Sciences (Switzerland)	13	22	10.3390/app132212383	2023				2-s2.0-85192381045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192381045&doi=10.3390%2Fapp132212383&partnerID=40&md5=555ef2300139bb3f457689f33729276d	SCOPUS
1114	M., Tudorica, M.; M.T., Toadere, Mihaela Teodora; C.I., Bob, Corneliu Ioan	The Sustainability Study Done for a Consolidation Work on a Historical Building	Sustainability (Switzerland)	15	21	10.3390/su152115285	2023				2-s2.0-85186114337	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186114337&doi=10.3390%2Fsu152115285&partnerID=40&md5=90acb9f57537b627196510ab1a693136	SCOPUS
1115	C.A., Popa, Călin Adrian	Asymptotic and Mittag-Leffler Synchronization of Fractional-Order Octonion-Valued Neural Networks with Neutral-Type and Mixed Delays	Fractal and Fractional	7	11	10.3390/fractalfract7110830	2023				2-s2.0-85178298966	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178298966&doi=10.3390%2Ffractalfract7110830&partnerID=40&md5=721d19a23260a1655be6f669b8ce155d	SCOPUS
1116	A., Ridichie, Amalia; A., Ledeti, Adriana; F., Peter, Francisc; I.V., Ledeti, Ionut Valentin; C.V., Muntean, Cornelia Veronica; M., Rădulescu, Matilda	Kinetic Investigation of the Oxidative Thermal Decomposition of Levonorgestrel	Processes	11	11	10.3390/pr11113210	2023				2-s2.0-85177884273	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177884273&doi=10.3390%2Fpr11113210&partnerID=40&md5=3e61cec5c2b83424743f97a73d299f53	SCOPUS

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1117	C., Lăzureanu, Cristian	On the Double-Zero Bifurcation of Jerk Systems	Mathematics	11	21	10.3390/math11214468	2023				2-s2.0-85176607278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176607278&doi=10.3390%2Fmath11214468&partnerID=40&md5=c8a56856e4b3c3244b416a5c6ace92e9	SCOPUS
1118	R., Elumalai, R.; R., Krishnaiah, Ravi; P.V., Elumalai, P. V.; S., Parida, Satyaject; S.K., Reddy Dwarshala, Siva Krishna; S.A., Khan, Sher Afghan; M., Asif, Mohammad; E., Linul, Emanoil	Prediction of RCCI combustion fueled with CNG and algal biodiesel to sustain efficient diesel engines using machine learning techniques	Case Studies in Thermal Engineering	51		10.1016/j.csite.2023.103630	2023				2-s2.0-85174690626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174690626&doi=10.1016%2Fj.csite.2023.103630&partnerID=40&md5=b9dd125d4b94f209bd031be5f677620e	SCOPUS
1119	E., Vaelean, Estera; P., Foti, Pietro; S.M.J., Razavi, Seyed Mohammad Javad; F., Berto, Filippo; L., Marşavina, Liviu	Static and fatigue behavior of 3D printed PLA and PLA reinforced with short carbon fibers	Journal of Mechanical Science and Technology	37	11	10.1007/s12206-023-2307-3	2023	5555	5559	5	2-s2.0-85173916793	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173916793&doi=10.1007%2Fs12206-023-2307-3&partnerID=40&md5=d6038a500e48e6c96ed531c4f672665e	SCOPUS
1120	B.V., Marinca, Bogdan V.; N., Herisanu, Nicolae; V., Marinca, Vasile	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	European Journal of Mechanics, A/Solids	102		10.1016/j.euromechsol.2023.105119	2023				2-s2.0-85171619752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171619752&doi=10.1016%2Fj.euromechsol.2023.105119&partnerID=40&md5=58feb4c6124e4293e5cf917e18e085de	SCOPUS
1121	A., Lo Monaco, Anna; N., Grillanda, Nicola; I., Onescu, Iasmina; M., Fofiu, Mihai; F., Clementi, Francesco; M., D'Amato, Michele; A., Formisano, Antonio; G., Milani, Gabriele; M., Moşoarcă, Marius	Seismic assessment of Romanian Orthodox masonry churches in the Banat area through a multi-level analysis framework	Engineering Failure Analysis	153		10.1016/j.engfailanal.2023.107539	2023				2-s2.0-85169820139	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169820139&doi=10.1016%2Fj.engfailanal.2023.107539&partnerID=40&md5=6faa8903a876e5f2487c3207e9ddcd6	SCOPUS
1122	C., Tánasá, Constantin; A.I., Bosioc, Alin Ilie; A.C., Stuparu, Adrian Ciprian; S., Muntean, Sebastian; R.F., Susan-Resiga, Romeo Florin	A Perspective Review of Passive Techniques Applied to Control the Swirling Flow Instabilities from the Conical Diffuser of Hydraulic Turbines	Applied Mechanics Reviews	75	6	10.1115/1.4056895	2023				2-s2.0-85164972651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164972651&doi=10.1115%2F1.4056895&partnerID=40&md5=bc7737f8081884b947edf0a400138a62	SCOPUS

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1123	S., Hamzad, Shanavaz; N., Kannanugu, Niranjan; D.R., Kasai, Deepak Ramesh; K., Yogesh Kumar, K.; M.S., Raghu, M. S.; M.K., Prashanth, Maralekere Krishnegowda; M.A., Khan, Moonis Ali; B., Jeon, Byong-hun; E., Linul, Emanoil	Covalent organic frameworks as promising materials: Review on synthetic strategies, topology and application towards supercapacitors	Journal of Energy Storage	71		10.1016/j.est.2023.108006	2023				2-s2.0-85163193288	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163193288&doi=10.1016%2Fj.est.2023.108006&partnerID=40&md5=b7ece066d5c0f10fa2bf34e619407e08	SCOPUS
1124	B.V., Marinca, Bogdan V.; N., Herisanu, Nicolae; V., Marinca, Vasile	Analytical solutions for solving unsteady flow of gas through a porous medium by using auxiliary functions method	Journal of Computational and Applied Mathematics	432		10.1016/j.cam.2023.115296	2023				2-s2.0-85158829707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158829707&doi=10.1016%2Fj.cam.2023.115296&partnerID=40&md5=3ca14e09a9150e6fbc96042c98acbbb	SCOPUS
1125	M.D., Pop, Madalin Dorin; D., Pescaru, Dan; M.V., Micea, Mihai Victor	Mamdani vs. Takagi-Sugeno Fuzzy Inference Systems in the Calibration of Continuous-Time Car-Following Models	Sensors	23	21	10.3390/s23218791	2023				2-s2.0-85176881701	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176881701&doi=10.3390%2Fs23218791&partnerID=40&md5=47fa4c8c78ce499da96a4189bf1a696a	SCOPUS
1126	C.M., Pesecan, Cătălin Mihai; L., Stoicu-Tivadar, Lăcrămioara	Explanation Relevance Index - A New Way of Assessing the Quality of Explanations Based on Learned Features	Studies in Health Technology and Informatics	309		10.3233/SHTI230807	2023	308	309	2	2-s2.0-85175742438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175742438&doi=10.3233%2FSHTI230807&partnerID=40&md5=d7fe54dc45929428319ee1a2082fe30d	SCOPUS
1127	N., Gal-Nadasan, Norbert; V., Stoicu-Tivadar, Vasile; E.G., Gal-Nadasan, Emanuela Georgiana; A., Raluca Dinu, Anca	Robotic Process Automation Based Data Extraction from Handwritten Medical Forms	Studies in Health Technology and Informatics	309		10.3233/SHTI230741	2023	68	72	5	2-s2.0-85175741884	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175741884&doi=10.3233%2FSHTI230741&partnerID=40&md5=bc4a8f26d698583dd190362efbd9c84f	SCOPUS
1128	O.S., Chirila, Oana Sorina; A.E., Tivig, Adelina Elena; L., Stoicu-Tivadar, Lăcrămioara	Application for Screening to Monitor and Assess Pregnancy Potential Risks	Studies in Health Technology and Informatics	309		10.3233/SHTI230745	2023	88	92	5	2-s2.0-85175661279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175661279&doi=10.3233%2FSHTI230745&partnerID=40&md5=39726f48a32487a7151dfae46c894262	SCOPUS
1129	E.E., Mahmut, Emilian Erman; S., Nicola, Stelian; V., Stoicu-Tivadar, Vasile	Decision Tree Versus Linear Support Vector Machine Classifier in the Screening of Medial Speech Sounds: A Quest for a Sound Rationale	Studies in Health Technology and Informatics	309		10.3233/SHTI230742	2023	73	77	5	2-s2.0-85175586981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175586981&doi=10.3233%2FSHTI230742&partnerID=40&md5=7b09a72c74fb2cfab08ae2a22d501de0	SCOPUS

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1130	A.V., Gudiu, Adela Vasilica; L., Stoicu-Tivadar, Lăcrămioara	Challenges in Early Diagnosis of Melanoma Using Tele-Dermatology	Studies in Health Technology and Informatics	309		10.3233/SHTI230738	2023	53	57	5	2-s2.0-85175586943	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175586943&doi=10.3233%2FSHTI230738&partnerID=40&md5=dd238d088a2e590e96114e7a5497f249	SCOPUS
1131	G., Varga, Gabriela; L., Stoicu-Tivadar, Lăcrămioara; S., Nicola, Stelian	Comparison of Data Classification Results in Serious Gaming for Rehabilitation of Rheumatoid Arthritis	Studies in Health Technology and Informatics	309		10.3233/SHTI230740	2023	63	67	5	2-s2.0-85175586037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175586037&doi=10.3233%2FSHTI230740&partnerID=40&md5=bb574797eb6f826d6c58c57c4edef137	SCOPUS
1132	S., Nicola, Stelian; O.S., Chirila, Oana Sorina; L., Stoicu-Tivadar, Lăcrămioara	Recovery Gestures Classification Using KNN and LDA Models	Studies in Health Technology and Informatics	309		10.3233/SHTI230739	2023	58	62	5	2-s2.0-85175585165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175585165&doi=10.3233%2FSHTI230739&partnerID=40&md5=5ee8ff3787bf8c8db36e8f91698add7aa	SCOPUS
1133	D., Turcian, Darius; V., Stoicu-Tivadar, Vasile	Real-Time Detection of Emotions Based on Facial Expression for Mental Health	Studies in Health Technology and Informatics	309		10.3233/SHTI230795	2023	272	276	5	2-s2.0-85175497355	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175497355&doi=10.3233%2FSHTI230795&partnerID=40&md5=aa2a07d0ed132db6e5f1319f6fbb5bed	SCOPUS
1134	M.M., Crișan-Vida, Mihaela Marcella; Ș.G., Păușan, Ștefana Gabriela; L., Stoicu-Tivadar, Lăcrămioara	Mind Note - Application for Mental Health Support	Studies in Health Technology and Informatics	309		10.3233/SHTI230771	2023	179	180	2	2-s2.0-85175496297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175496297&doi=10.3233%2FSHTI230771&partnerID=40&md5=0f13be81d5129fed6e6c4a139a501f5d7	SCOPUS
1135	M.A., Dan, Mircea Aurelian; S., Nicola, Stelian; L., Stoicu-Tivadar, Lăcrămioara	A Custom Image Recognition Model in the Cloud for Skin Diseases Identification	Studies in Health Technology and Informatics	309		10.3233/SHTI230744	2023	83	87	5	2-s2.0-85175496025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175496025&doi=10.3233%2FSHTI230744&partnerID=40&md5=069069fb1da33f205bce1ce967025032	SCOPUS
1136	J., Sun, Jianmin; M., Sarfraz, Muddassar; L., Ivascu, Larisa; I., Ozturk, Ilknur	How does organizational culture affect employees' mental health during COVID-19? The mediating role of transparent communication	Work	76	2	10.3233/WOR-220365	2023	473	488	16	2-s2.0-85175492545	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175492545&doi=10.3233%2FWOR-220365&partnerID=40&md5=3d3ee1ffa7d2daad9d14a9abad1ad6dd	SCOPUS

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1137	I., Mitelea, Ion; I., Bordeasu, Ilare; D., Cosma, Daniela; I.D., Utu, Ion Dragos; D., Buzdugan, Dragos; C.M., Craciunescu, Corneliu Marius	Enhanced cavitation erosion resistance of GX40CrNiSi25-20 cast stainless steels by surface TIG re-melting	Wear	530-531		10.1016/j.wear.2023.205058	2023				2-s2.0-85165575616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165575616&doi=10.1016%2Fj.wear.2023.205058&partnerID=40&md5=b2c6f12aa92ebf2ba7a193a1a5aa3707	SCOPUS
1138	K., Devarajan, Karunakaran; V.V.S., Karuppanan, Venkatachalapathy Vellaiyappan Sangli; D., Thirumalaikumarasamy, D.; B., Srinivasa Kumar, B.; G., Laxmaiah, G.; P.K., Chauhan, Pankaj Kumar; A.R.R., Kaladgi, Abdul Razak R.; M., Asif, Mohammad; E., Linul, Emanoil	Experimental Investigation and Characterization of Friction Stir Spot-Welded Dissimilar Aluminum Copper Metallic Lap Joints	ACS Omega	8	39	10.1021/acsomega.3c02706	2023	35706	35721	16	2-s2.0-85174932426	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174932426&doi=10.1021%2Facsomega.3c02706&partnerID=40&md5=a2250c4dc6e07c15e4a3e3d42d8cd01d	SCOPUS
1139	N., Muntean, N.; O., Cornea, Octavian; D., Hulea, Dan; M., Gireadă, Mihăiță; L.D., Vitan, Liviu Danut	CONTRIBUTIONS TO THE DEVELOPMENT OF A NEW FAMILY OF HYBRID DC-DC CONVERTERS	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	24	4		2023	373	381	9	2-s2.0-85179957380	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179957380&partnerID=40&md5=6fd3fb034800b622f0579abb575673a2	SCOPUS
1140	N.G., Hădărugă, Nicoleta Gabriela; Z., Gârban, Zeno; C., Baltă, Cornel; F., Muselin, Florin; D.I., Hădărugă, Daniel Ioan; M., Riviș, Mircea	Beneficial Effects of Resveratrol and γ -Cyclodextrin on the Hematological and Biochemical Parameters of Healthy Wistar Rats Treated with Cisplatin: A PCA Approach	Biomedicines	11	10	10.3390/biomedicines11102726	2023				2-s2.0-85175416058	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175416058&doi=10.3390%2Fbiomedicines11102726&partnerID=40&md5=6d267c9f99cc7eb4b2e588e17daabc6f	SCOPUS
1141	D.H., Patel, Devangi Hitenkumar; K.P., Shah, Kamya Premal; R., Gupta, Rajesh; N.K., Jadav, Nilesh Kumar; S., Tanwar, Sudeep; B.C., Neagu, Bogdan Constantin; A., Simo, Attila; F.H., Alqahtani, Fayez Hussain; A.M., Tolba, Amr M.	Blockchain-Based Crop Recommendation System for Precision Farming in IoT Environment	Agronomy	13	10	10.3390/agronomy13102642	2023				2-s2.0-85175380529	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175380529&doi=10.3390%2Fagronomy13102642&partnerID=40&md5=7362c3acd7ad006bfc633cae44a2bb27	SCOPUS
1142	C., Vancea, Cosmin; G., Mladin, Georgiana; M., Ciopec, Mihaela; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; G.E., Moșoarcă, Giannin Emanuel; C., Ianăși, Cătălin	Arsenic Removal Using Unconventional Material with Iron Content: Batch Adsorption and Column Study	Toxics	11	10	10.3390/toxics11100849	2023				2-s2.0-85175377833	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175377833&doi=10.3390%2Ftoxics11100849&partnerID=40&md5=3f33b668cf1d12e35f2da1df9c00eeef0	SCOPUS
1143	E.D., Ardelean, Erika Diana; F., Bucur, Flavius; C., Birtok-Baneasa, Corneliu; A.V., Socalici, Ana Virginia; A., Marius, Ardelean; A., Budiul-Berghian, Adina	Optimizing the Chemical Composition of Brake Shoes According to the Hardness Recommended by the Product Standard	Materials	16	20	10.3390/ma16206797	2023				2-s2.0-85175328699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175328699&doi=10.3390%2Fma16206797&partnerID=40&md5=f4e9dd7828bf5114c02acf587400e7db	SCOPUS

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1144	A.G., Marinescu, Adrian George; O., Abuabboud, Osama; Ș.D., Zimbru, Ștefana Denisa; L.E., Cirligeriu, Laura Elena; B.A., Piț, Bianca Adina; I.A., Borcean, Ioana Amalia; M., Paven, Mihai; L.M., Nica, Luminița Maria; D.I., Stoia, Dan Ioan	Influence of the Fiber Post Length on the Fracture Strength of Endodontically Treated Teeth	Medicina (Lithuania)	59	10	10.3390/medicina59101797	2023				2-s2.0-85175279142	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175279142&doi=10.3390%2Fmedicina59101797&partnerID=40&md5=d5187355d637233db07f40ce1a259d90	SCOPUS
1145	D.L., Roman, Diana Larisa; M.A., Matica, Mariana Adina; A.A., Ciorsac, Alecu Aurel; B.V., Boros, Bianca Vanesa; A., Isvoran, Adriana	The Effects of the Fungicide Myclobutanil on Soil Enzyme Activity	Agriculture (Switzerland)	13	10	10.3390/agriculture13101956	2023				2-s2.0-85175093268	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175093268&doi=10.3390%2Fagriculture13101956&partnerID=40&md5=c99d8567adfdffdc7026f14d369ba3a	SCOPUS
1146	C., Lăzureanu, Cristian; J., Cho, Jinyoung	On Hopf and Fold Bifurcations of Jerk Systems	Mathematics	11	20	10.3390/math11204295	2023				2-s2.0-85175025385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175025385&doi=10.3390%2Fmath11204295&partnerID=40&md5=6ba89f4eeb778b891a07ebbc4479eb2b	SCOPUS
1147	A.E., Segneanu, A. E.; G., Vlase, Gabriela; T., Vlase, T.; C.A., Sicoe, Crina Andreea; M.V., Ciocilteu, Maria Viorica; D.D., Herea, Dumitru Daniel; O.F., Ghirlea, Ovidiu Florin; I., Grozescu, Ioan; V., Nănescu, Valentin	Wild-Grown Romanian Helleborus purpurascens Approach to Novel Chitosan Phyto-Nanocarriers—Metabolite Profile and Antioxidant Properties	Plants	12	19	10.3390/plants12193479	2023				2-s2.0-85173862271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173862271&doi=10.3390%2Fplants12193479&partnerID=40&md5=1e877d2ef31b7b88c555b29716c62ea	SCOPUS
1148	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; M.L., Dan, Mircea Laurențiu; S., Boran, Sorina	Utilizing Novel Lignocellulosic Material from Hart's-Tongue Fern (Asplenium scolopendrium) Leaves for Crystal Violet Adsorption: Characterization, Application, and Optimization	Polymers	15	19	10.3390/polym15193923	2023				2-s2.0-85173807142	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173807142&doi=10.3390%2Fpolym15193923&partnerID=40&md5=215f26c10c65863b278d2f6bb6f59863	SCOPUS
1149	I.C., Benea, Ioana Cristina; I., Kántor, Izolda; A., Todea, Anamaria; A., Pellis, Alessandro; I., Bîțcan, Ioan; L.Z.S., Nagy, Lajos Z.S.; S., Kéki, Sándor; D.M., Dreava, Diana Maria; F., Peter, Francisc; T., Feczko, Tivadar	Biocatalytic synthesis of new polyesteramides from ε-caprolactam and hydroxy acids: Structural characterization, biodegradability, and suitability as drug nanocarriers	Reactive and Functional Polymers	191		10.1016/j.reactfunctpolym.2023.105702	2023				2-s2.0-85169291237	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169291237&doi=10.1016%2Fj.reactfunctpolym.2023.105702&partnerID=40&md5=85cbcca9b327af7771a9c3bd5685c9c6	SCOPUS

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1150	I., Bîtcă, Ioan; A., Pellis, Alessandro; A., Petrovici, Andreea; D.M., Dreava, Diana Maria; I., Păușescu, Iulia; F., Peter, Francisc; L.Z.S., Nagy, Lajos Z.S.; S., Kéki, Sándor; L., Gardossi, Lucia; A., Todea, Anamaria	One-pot green synthesis and characterization of novel furan-based oligoesters	Sustainable Chemistry and Pharmacy	35		10.1016/j.scp.2023.101229	2023				2-s2.0-85168104200	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168104200&doi=10.1016%2Fj.scp.2023.101229&partnerID=40&md5=0c1b708efc562c166ddb6bfb23dc9ee8	SCOPUS
1151	D.M., Dăianu, Daniel M.	Iterative Fixed Point Techniques in Generalized Ulam Stability	Results in Mathematics	78	5	10.1007/s00025-023-01977-5	2023				2-s2.0-85167446877	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167446877&doi=10.1007%2Fs00025-023-01977-5&partnerID=40&md5=3474d25fc49e56b0679178cf89380d4f	SCOPUS
1152	M., Moșoarcă, Marius; M., Fofiu, Mihai; I., Onescu, Iasmina	Failure mechanism of historic churches in Gorj county for shallow seismic action	Engineering Failure Analysis	152		10.1016/j.engfailanal.2023.107502	2023				2-s2.0-85165987512	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165987512&doi=10.1016%2Fj.engfailanal.2023.107502&partnerID=40&md5=5bb2f43ff9cf67b110a467d781a53260	SCOPUS
1153	S., Vantadori, Sabrina; A., Carpinteri, Andrea; R., Cerioni, Roberto; C., Ronchei, Camilla; D., Scorza, Daniela; A., Zanichelli, Andrea; L., Marșavina, Liviu	Fracture toughness of a rigid polyurethane foam: experimental and numerical investigation by varying the specimen sizes	Fatigue and Fracture of Engineering Materials and Structures	46	10	10.1111/ffe.14080	2023	3654	3666	13	2-s2.0-85164311101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164311101&doi=10.1111%2Fffe.14080&partnerID=40&md5=381fc352f7ebbaaf470c5011119658f	SCOPUS
1154	M., Păulescu, Marius; R., Blaga, Robert; C., Dughir, Ciprian; N., Stefu, Nicoleta; A., Sabadus, Andreea; D.G., Călinoiu, Delia Gabriela; V., Bădescu, Viorel	Intra-hour Pv power forecasting based on sky imagery	Energy	279		10.1016/j.energy.2023.128135	2023				2-s2.0-85161991821	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161991821&doi=10.1016%2Fj.energy.2023.128135&partnerID=40&md5=604397a11ef4b5f1c5a3dab08c998637	SCOPUS
1155	A.M., Marica, Andreea Madalina; L., Fritea, Luminița; F., Bănică, Florin; I., Hulka, Iosif; G.I., Rusu, Gerlinde I.; C., Sinescu, Cosmin; T.O., Costea, Traian Octavian; S.D., Cavalu, Simona Daniela	Evaluating the bioactivity of endodontic sealers with respect to their thermomechanical properties	Materials Science-Poland	41	3	10.2478/msp-2023-0038	2023	126	139	14	2-s2.0-85185563549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185563549&doi=10.2478%2Fmsp-2023-0038&partnerID=40&md5=d49b5972747e9eb20eb87b50b43e85c0	SCOPUS

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1156	I., Bordeasu, Ilare; B., Ghiban, Brândușa; L.M., Micu, Lavinia Mădălina; A.N., Luca, Alexandru Nicolae; M.A., Demian, Mihai Alin; D., Istrate, Dionisie	The Influence of Heat Aging Treatments on the Cavitation Erosion Behavior of a Type 6082 Aluminum Alloy	Materials	16	17	10.3390/ma16175875	2023				2-s2.0-85179184209	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179184209&doi=10.3390%2Fma16175875&partnerID=40&md5=b6094a2cf096a5631c0314a225e5f174	SCOPUS
1157	T.L., Dragomir, Toma Leonida; D.V., Căiman, Dadiana Valeria; C., Barbulescu, Corneliu; S., Nanu, Sorin	Extended Use of the Parameter Observer on a Class of Second-Order Systems	Studies in Informatics and Control	32	3	10.24846/v32i3y202306	2023	67	76	10	2-s2.0-85174319501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174319501&doi=10.24846%2Fv32i3y202306&partnerID=40&md5=9272bd55a38c2c30403d70d6c850a6d2	SCOPUS
1158	E., Ungureanu, Elena; M.E., Fortuna, Maria Emiliana; D.C., Țopa, Denis C.; C.O., Brezuleanu, Carmen Olguța; V.I., Ungureanu, Vlad Ilie; C., Chiruță, Ciprian; R.P., Rotaru, Razvan Paul; B.M., Tofanica, Bogdan Marian; V.I., Popa, Valentini I.; D.C., Jităreanu, Doina Carmen	Comparison Adsorption of Cd (II) onto Lignin and Polysaccharide-Based Polymers	Polymers	15	18	10.3390/polym15183794	2023				2-s2.0-85172863311	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172863311&doi=10.3390%2Fpolym15183794&partnerID=40&md5=c1a2c9a77b4ee65815026a557869695d	SCOPUS
1159	I., Burcă, Ion; A.M., Diaconescu, Alexandra Mihaela; V., Badea, Valentin; F., Peter, Francisc	5-((4-(Phenyldiazenyl)phenyl)diazenyl)quinolin-8-ol	MolBank	2023	3	10.3390/M1701	2023				2-s2.0-85172784811	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172784811&doi=10.3390%2FM1701&partnerID=40&md5=65881bb35618ad02066f92d276633462	SCOPUS
1160	S., Ceauranu, Silvana; A.A., Ciorsac, Alecu Aurel; V., Ostafe, Vasile; A., Isvoran, Adriana	Evaluation of the Toxicity Potential of the Metabolites of Di-Isononyl Phthalate and of Their Interactions with Members of Family 1 of Sulfotransferases—A Computational Study	Molecules	28	18	10.3390/molecules28186748	2023				2-s2.0-85172780601	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172780601&doi=10.3390%2Fmolecules28186748&partnerID=40&md5=14cc1f58539e1584796e1452b3408298	SCOPUS
1161	A.E., Segneanu, A. E.; R.D., Trușcă, Roxana Doina; C., Cepan, Claudiu; M., Mihăilescu, Maria; C.V., Muntean, Cornelia Veronica; D.D., Herea, Dumitru Daniel; I., Grozescu, Ioan; A., Salifoglou, Athanasios	Innovative Low-Cost Composite Nanoabsorbents Based on Eggshell Waste for Nickel Removal from Aqueous Media	Nanomaterials	13	18	10.3390/nano13182572	2023				2-s2.0-85172759441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172759441&doi=10.3390%2Fnano13182572&partnerID=40&md5=c9dc1f25f7e5a2e14a1c7b6a8c8e9a0b	SCOPUS
1162	R., Muntean, Roxana; P.C., Vălean, Petru Cristian; N., Kazamer, Norbert; I.D., Utu, Ion Dragos; G.M., Marginean, Gabriela M.; V.A., Serban, Viorel Aurel	Effect of Feedstock Powder Intrinsic Characteristics on the Tribological Behavior of Inductively Remelted NiCrBSi Flame-Sprayed Coatings	Lubricants	11	9	10.3390/lubricants11090363	2023				2-s2.0-85172471878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172471878&doi=10.3390%2Flubricants11090363&partnerID=40&md5=9a4c017503979ddc55e999a42475f378	SCOPUS

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1163	P.E., Mergheș, Petru Eugen; N.I., Varan, Narcis Ion; G., Ilia, Gheorge; I., Hulka, Iosif; V., Simulescu, Vasile	A SEM-EDX Study on the Structure of Phenyl Phosphinic Hybrids Containing Boron and Zirconium	Gels	9	9	10.3390/gels9090706	2023				2-s2.0-85172185335	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172185335&doi=10.3390%2Fgels9090706&partnerID=40&md5=db6f1e918fc619ba34b5ec9b361c2454	SCOPUS
1164	Ș.G., Călinoiu, Ștefan George; C.F., Bicleșanu, Cornelia Florentina; A., Florescu, Anamaria; D.I., Stoia, Dan Ioan; C.C., Dumitru, Cătălin Constantin; M., Miculescu, Marian	Comparative Study on Interface Fracture of 4th Generation 3-Steps Adhesive and 7th Generation Universal Adhesive	Materials	16	17	10.3390/ma16175834	2023				2-s2.0-85170403756	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170403756&doi=10.3390%2Fma16175834&partnerID=40&md5=6e44248a7cd5bb3205867e700677e5d9	SCOPUS
1165	O.D., Frenț, Olimpia Daniela; L.G., Vicaș, Laura Gratiela; N.M., Duțeanu, Narcis Mihai; N.S., Nemeș, Nicoleta Sorina; B.I., Pascu, Bogdan Ioan; A.C., Teușdea, Alin Cristian; C.M., Morgovan, Claudia Mona; M.E., Mureșan, Mariana Eugenia; T., Jurcă, Tünde; A., Pallag, Annamária	Formulation, Physico-Chemical Characterization, and Evaluation of the In Vitro Release Capacity of the Ruta graveolens L. Phytocomplex from Biodegradable Chitosan and Alginate Microspheres	Applied Sciences (Switzerland)	13	17	10.3390/app13179939	2023				2-s2.0-85170375672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170375672&doi=10.3390%2Fapp13179939&partnerID=40&md5=f7f86e5b177177806a14d92b638d5e64	SCOPUS
1166	C., Ianăși, Cătălin; N.S., Nemeș, Nicoleta Sorina; B.I., Pascu, Bogdan Ioan; R.I., Lazău, Radu Ioan; A., Negrea, Adina; P., Negrea, Petru; N.M., Duțeanu, Narcis Mihai; M., Ciopec, Mihaela; J., Plocek, Jiří; P., Alexandru, Popa	Synthesis, Characterization and Antimicrobial Activity of Multiple Morphologies of Gold/Platinum Doped Bismuth Oxide Nanostructures	International Journal of Molecular Sciences	24	17	10.3390/ijms241713173	2023				2-s2.0-85170215066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170215066&doi=10.3390%2Fijms241713173&partnerID=40&md5=f6be2203a5ce5b21479522debd4a3969	SCOPUS
1167	E., Cuce, Erdem; P.M., Cuce, Pinar Mert; E., Alvir, Emre; Y.N., Yilmaz, Yusuf Nadir; S., Saboor, Shaik; I., Ustabaş, Ilker; E., Linul, Emanoil; M., Asif, Mohammad	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	Case Studies in Thermal Engineering	49		10.1016/j.csite.2023.103350	2023				2-s2.0-85169616006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169616006&doi=10.1016%2Fj.csite.2023.103350&partnerID=40&md5=2d4c449340d39c08a27332b9650b7142	SCOPUS
1168	F., Hussain, Fayaz; S., Saboor, Shaik; S.A., Khan, Sher Afghan; H., Van, Huynhvan; R.D., Jilte, R. D.; V., Sundara, Vikram; M., Asif, Mohammad; E., Linul, Emanoil	Transient solidification and melting numerical simulation of lauric acid PCM filled stepped solar still basin used in water desalination process	Case Studies in Thermal Engineering	49		10.1016/j.csite.2023.103370	2023				2-s2.0-85167453059	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167453059&doi=10.1016%2Fj.csite.2023.103370&partnerID=40&md5=85d2a61f616dbd9586d54be8820f1761	SCOPUS
1169	M.O.A., Sajjad, Mohammed Owais Ahmed; S., Thanikodi, Sathish; S., Rathinasamy, Saravanan; M., Asif, Mohammad; E., Linul, Emanoil; Ü., Ağbulut, Ümit	Combustion, performance and emission discussion of soapberry seed oil methyl ester blends and exhaust gas recirculation in common rail direct fuel injection system	Energy	278		10.1016/j.energy.2023.127763	2023				2-s2.0-85159556413	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159556413&doi=10.1016%2Fj.energy.2023.127763&partnerID=40&md5=c3ff012f4427be0e887026c96ede696a	SCOPUS

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1170	I.A., Zamfirache, Iuliu Alexandru; R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian; E.M., Petriu, Emil M.	Neural Network-based control using Actor-Critic Reinforcement Learning and Grey Wolf Optimizer with experimental servo system validation	Expert Systems with Applications	225		10.1016/j.eswa.2023.120112	2023				2-s2.0-85153214549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153214549&doi=10.1016%2Fj.eswa.2023.120112&partnerID=40&md5=6b7b80da8f8e1044a36f08d58b7e457c	SCOPUS
1171	C.G., Vaszilesin, Cristian George; M.V., Putz, Mihai Viorel; A., Kellenberger, Andrea; M.L., Dan, Mircea Laurențiu	On the evaluation of metal-corrosion inhibitor interactions by adsorption isotherms	Journal of Molecular Structure	1286		10.1016/j.molstruc.2023.135643	2023				2-s2.0-85153680872	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153680872&doi=10.1016%2Fj.molstruc.2023.135643&partnerID=40&md5=c4a1fb8137f85b1328db68f6199d02d	SCOPUS
1172	C.E., Bandas Ratiu, C. Elena; M.I., Popescu, Mina Ionela; C., Orha, Corina; M., Nicolaescu, Mircea; A., Pop, Aniela; C., Lăzău, Carmen	Development of Hybrid Electrodes Based on a Ti/TiO2 Mesoporous/Reduced Graphene Oxide Structure for Enhanced Electrochemical Applications	Coatings	13	8	10.3390/coatings13081359	2023				2-s2.0-85169114858	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169114858&doi=10.3390%2Fcoatings13081359&partnerID=40&md5=543b684e0ce1ada92b1fd6f2082353f	SCOPUS
1173	O.D., Frenț, Olimpia Daniela; D.M., Duda-Seiman, Daniel Marius; L.G., Vicaș, Laura Gratiela; N.M., Duțeanu, Narcis Mihai; N.S., Nemeș, Nicoleta Sorina; B.I., Pascu, Bogdan Ioan; A.C., Teușdea, Alin Cristian; C.M., Morgovan, Claudia Mona; M.E., Mureșan, Mariana Eugenia; T., Jurcă, Tünde	Study of the Influence of the Excipients Used for the Synthesis of Microspheres Loaded with Quercetin: Their Characterization and Antimicrobial Activity	Coatings	13	8	10.3390/coatings13081376	2023				2-s2.0-85168913165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168913165&doi=10.3390%2Fcoatings13081376&partnerID=40&md5=21bde0faa5fb290a06459500c9296cc8	SCOPUS
1174	L., Ciurdariu, Loredana; E., Grecu, Eugenia	New Perspectives of Symmetry Conferred by q-Hermite-Hadamard Type Integral Inequalities	Symmetry	15	8	10.3390/sym15081514	2023				2-s2.0-85168902449	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168902449&doi=10.3390%2Fsym15081514&partnerID=40&md5=dea1d4113e9260abfeb430e05b66450b	SCOPUS
1175	O.O., Harich, Octavia Oana; O.I., Gavriliuc, Oana Isabella; V.L., Ordodi, Valentin Laurentiu; A., Tirziu, Alexandru; V., Păunescu, Virgil; C.B., Panaitescu, Carmen Bunu; M.F., Bojin, Maria Florina	In Vitro Study of the Multimodal Effect of Na+/K+ ATPase Blocker Ouabain on the Tumor Microenvironment and Malignant Cells	Biomedicines	11	8	10.3390/biomedicines11082205	2023				2-s2.0-85168883533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168883533&doi=10.3390%2Fbiomedicines11082205&partnerID=40&md5=89e03b1b07d83c2b4d3e2baf490765a	SCOPUS

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1176	N., Vaszilcsin, N.; A., Kellenberger, Andrea; M.L., Dan, Mircea Laurențiu; D.A., Duca, Delia Andrada; V.L., Ordodi, Valentin Laurentiu	Efficiency of Expired Drugs Used as Corrosion Inhibitors: A Review	Materials	16	16	10.3390/ma16165555	2023				2-s2.0-85168789868	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168789868&doi=10.3390%2Fma16165555&partnerID=40&md5=5799b14d7f9d08a6127aab1d0e2f4dc5	SCOPUS
1177	A., Korodi, Adrian; A.A., Nicolae, Andrei Alexandru; I.A., Drăghici, Ionel Aurel	Proactive Decentralized Historian-Improving Legacy System in the Water Industry 4.0 Context	Sustainability (Switzerland)	15	15	10.3390/su151511487	2023				2-s2.0-85167923962	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167923962&doi=10.3390%2Fsu151511487&partnerID=40&md5=c0372bb6d32cb939b106c61a9bb83916	SCOPUS
1178	D.M., Mustăță, Dan Marius; I.C., Ionel, Ioana C.; R.M., Popa, Rareș Mihăiță; C., Dughir, Ciprian; D., Bisorca, Daniel	A Study on Particulate Matter from an Area with High Traffic Intensity	Applied Sciences (Switzerland)	13	15	10.3390/app13158824	2023				2-s2.0-85167916018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167916018&doi=10.3390%2Fapp13158824&partnerID=40&md5=9d325454ff8b5218de7fde09825f4e8d	SCOPUS
1179	A.M., Pană, Ana Maria; V.L., Ordodi, Valentin Laurentiu; V.D., Gherman, Vasile Daniel; P., Sfirloagă, Paula; G.A., Dumitrel, Gabriela Alina	Study on the Biodegradation Process of D-Mannose Glycopolymers in Liquid Media and Soil	Polymers	15	15	10.3390/polym15153194	2023				2-s2.0-85167796236	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167796236&doi=10.3390%2Fpolym15153194&partnerID=40&md5=dcf3e76a72ae265b9921d6ac07f3aca5	SCOPUS
1180	A., Bobaru, Alexandru; C., Nafornita, Corina; G., Copacean, George; V.C., Vesa, Vladimir Cristian; M., Skutek, Michael	Contributions to Unsupervised Online Misalignment Detection and Bumper Error Compensation for Automotive Radar †	Sensors	23	15	10.3390/s23156785	2023				2-s2.0-85167774057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167774057&doi=10.3390%2Fs23156785&partnerID=40&md5=1451dd920d1f236a4b0cdd8e8345863	SCOPUS
1181	D., Ionescu, Daniela; M., Kovaci, Maria	Induced Wettability Switch in Thin Films of Conductive Polymer Coatings Exhibiting Hydrophobic/Hydrophilic Interactions	Sensors	23	15	10.3390/s23156867	2023				2-s2.0-85167744670	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167744670&doi=10.3390%2Fs23156867&partnerID=40&md5=33d9a183542abdcf2eafcd0954138ef9	SCOPUS
1182	C.I., Birdean, Calin Ioan; I., Both, Ioan; I., Marginean, Ioan; A.V., Cernescu, Anghel Vasile	Understanding In-Line Connections Behavior from Experimental and Numerical Analyses on Rectangular and Circular Hollow Section Elements	Mathematics	11	15	10.3390/math11153416	2023				2-s2.0-85167624383	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167624383&doi=10.3390%2Fmath11153416&partnerID=40&md5=a8dc89f9480e98e0647e7cd3dc99178a	SCOPUS

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1183	D., Belega, Daniel; D., Petri, Dario	Fast interpolated DTFT estimators of frequency and damping factor of real-valued damped sinusoids	Measurement: Journal of the International Measurement Confederation	217		10.1016/j.measurement.2023.113076	2023				2-s2.0-85160209437	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160209437&doi=10.1016%2Fj.measurement.2023.113076&partnerID=40&md5=21b44853bfbc02870d2e5c12fb35e1f5	SCOPUS
1184	I., Onescu, Iasmina; E., Onescu, Eugen; M., Moșoarcă, Marius	Seismic risk assessment and crisis management for historical buildings in Timisoara	Journal of Building Engineering	72		10.1016/j.job.2023.106665	2023				2-s2.0-85158106567	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158106567&doi=10.1016%2Fj.job.2023.106665&partnerID=40&md5=49c77d3a1144793de7f3be0729066795	SCOPUS
1185	D.M., Dăianu, Daniel M.	General criteria for hyperstability of Cauchy-type equations	Aequationes Mathematicae	97	4	10.1007/s00010-023-00954-1	2023	837	851	15	2-s2.0-85152357507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152357507&doi=10.1007%2Fs00010-023-00954-1&partnerID=40&md5=630a7ba818d3d65c67e68adcca6e0664	SCOPUS
1186	S., Arjoca, Stelian; A.P., Robu, Andreea P.; M., Neagu, Monica; A., Neagu, Adrian	Mathematical and computational models in spheroid-based biofabrication	Acta Biomaterialia	165		10.1016/j.actbio.2022.07.024	2023	125	139	15	2-s2.0-85134775569	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134775569&doi=10.1016%2Fj.actbio.2022.07.024&partnerID=40&md5=727cb394aa91a1c3386c5784a99d05aa	SCOPUS
1187	S.G., Muntean, Simona Gabriela; L., Ostropovici-Halip, Liliana; M.A., Nistor, Maria Andreea; C., Păcurariu, Cornelia	Removal of Metal Ions via Adsorption Using Carbon Magnetic Nanocomposites: Optimization through Response Surface Methodology, Kinetic and Thermodynamic Studies	Magnetochemistry	9	7	10.3390/magnetochemistry9070163	2023				2-s2.0-85166418659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166418659&doi=10.3390%2Fmagnetochemistry9070163&partnerID=40&md5=3a4dc10b3ad53d890d59286fd9d4a7	SCOPUS
1188	N., Herisanu, Nicolae; B.V., Marinca, Bogdan V.; V., Marinca, Vasile	Longitudinal-Transverse Vibration of a Functionally Graded Nanobeam Subjected to Mechanical Impact and Electromagnetic Actuation	Symmetry	15	7	10.3390/sym15071376	2023				2-s2.0-85166324864	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166324864&doi=10.3390%2Fsym15071376&partnerID=40&md5=3b6a6f7942243d58571c2641e00d03d1	SCOPUS

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1189	A., Tirziu, Alexandru; S., Avram, Speranța; L., Madă, Leonard; M.M., Crișan-Vida, Mihaela Marcella; C.M., Popovici, Casiana M.; D., Popovici, Dan; C.I., Faur, Cosmin Ioan; C., Duda-Seiman, Corina; V., Păunescu, Virgil; C., Vernic, Corina	Design of a Synthetic Long Peptide Vaccine Targeting HPV-16 and -18 Using Immunoinformatic Methods	Pharmaceutics	15	7	10.3390/pharmaceutics15071798	2023				2-s2.0-85166324208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166324208&doi=10.3390%2Fpharmaceutics15071798&partnerID=40&md5=a48748b34cd9aaac48b79e40bdf4a13b	SCOPUS
1190	L., Manolescu, Laura; A., Juratoni, Adina	Fixed Points and λ -Weak Contractions	Symmetry	15	7	10.3390/sym15071442	2023				2-s2.0-85166323530	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166323530&doi=10.3390%2Fsym15071442&partnerID=40&md5=d5f1bf076bdabf126654493977d50d97	SCOPUS
1191	N., Kazamer, Norbert; R., Muntean, Roxana; I.D., Utu, Ion Dragos; G.M., Marginean, Gabriela M.	Considerations on the Wear Behavior of Vacuum-Remelted ZrO ₂ -Reinforced Self-Fluxing Ni-Based Thermally Sprayed Alloys	Materials	16	14	10.3390/ma16145183	2023				2-s2.0-85166275120	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166275120&doi=10.3390%2Fma16145183&partnerID=40&md5=f67a8334e076a42ec08382af0d52f0c2	SCOPUS
1192	D., Bordeas, Dorin; O., Proștean, Octavian; I.A., Filip, Ioan A.; C., Vasar, Cristian	Adaptive Control Strategy for a Pumping System Using a Variable Frequency Drive	Machines	11	7	10.3390/machines11070688	2023				2-s2.0-85166271609	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166271609&doi=10.3390%2Fmachines11070688&partnerID=40&md5=169b6462ec6e15f8c1ba1f35615050af4	SCOPUS
1193	R.D., Ene, Remus Daniel; N., Pop, Nicolina	Semi-Analytical Closed-Form Solutions for the Rikitake-Type System through the Optimal Homotopy Perturbation Method	Mathematics	11	14	10.3390/math11143078	2023				2-s2.0-85166202244	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166202244&doi=10.3390%2Fmath11143078&partnerID=40&md5=d206c118a7537a90f76d1eb89c2d2616	SCOPUS
1194	S., Liga, Sergio; C., Paul, Cristina; F., Peter, Francisc	Flavonoids: Overview of Biosynthesis, Biological Activity, and Current Extraction Techniques	Plants	12	14	10.3390/plants12142732	2023				2-s2.0-85166200762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166200762&doi=10.3390%2Fplants12142732&partnerID=40&md5=d7d648880056f5a1f4ca8aea90e68703	SCOPUS

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1195	K.M., Morshed, Khaled Mahbub; D.K., Karmokar, Debabrata K.; K.P., Esselle, Karu P.A.P.; L., Matekovits, Ladislau	Beam-Switching Antennas for 5G Millimeter-Wave Wireless Terminals	Sensors	23	14	10.3390/s23146285	2023				2-s2.0-85166028127	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166028127&doi=10.3390%2Fs23146285&partnerID=40&md5=2343d4692d73040afe25bd6ff8635250	SCOPUS
1196	C.E., Bandas Ratiu, C. Elena; M., Nicolaescu, Mircea; M.I., Popescu, Mina Ionela; C., Orha, Corina; S., Căprărescu, Simona; C., Lăzău, Carmen	One-Step Microwave-Assisted Hydrothermal Preparation of Zn-ZnO(Nw)-rGO Electrodes for Supercapacitor Applications	Materials	16	13	10.3390/ma16134536	2023				2-s2.0-85165101578	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165101578&doi=10.3390%2Fma16134536&partnerID=40&md5=397a856ad8ab5297c9796124b6396a5	SCOPUS
1197	A.M.C., Daescu, Ana Maria Cristina; D.B., Navolan, Dan Bogdan; L., Dehelean, Liana; M., Frandeeș, Mirela; A.I., Gaitoane, Alexandru Ioan; A., Daescu, Andrei; R.I., Daniluc, Razvan Ionut; D.L., Stoian, Dana Liana	The Paradox of Sexual Dysfunction Observed during Pregnancy	Healthcare (Switzerland)	11	13	10.3390/healthcare11131914	2023				2-s2.0-85165021315	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165021315&doi=10.3390%2Fhealthcare11131914&partnerID=40&md5=9dd4de9758faadc9989bfb37daa30c6f	SCOPUS
1198	D.P., Mutașcu, Daniel Paul; O.L., Karancsi, Olimpiu Ladislau; I., Mitelea, Ion; C.M., Crăciunescu, Corneliu Marius; D., Buzdugan, Dragoș; I.D., Utu, Ion Dragos	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	Materials	16	13	10.3390/ma16134557	2023				2-s2.0-85165004974	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165004974&doi=10.3390%2Fma16134557&partnerID=40&md5=7f16a323260bbad8ca22527b154b0af0	SCOPUS
1199	C.M., Andras, Cristina Maria; G.R., Barb, Gordana Raluca; F., Alexa, Florin; C., Balint, Cornel	Congestion Analysis of Transport Layer in a Multicell 5G DL Communication System	Sensors	23	13	10.3390/s23136111	2023				2-s2.0-85164839179	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164839179&doi=10.3390%2Fs23136111&partnerID=40&md5=e79adaa634715d15815746d14c0555a6	SCOPUS
1200	M., Bucos, Marian; G., Țucudean, Georgiana	Text Data Augmentation Techniques for Fake News Detection in the Romanian Language	Applied Sciences (Switzerland)	13	13	10.3390/app13137389	2023				2-s2.0-85164782220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164782220&doi=10.3390%2Fapp13137389&partnerID=40&md5=16186191248785b10cfe106c8cd28f5c	SCOPUS
1201	D., Toader, Dumitru; M., Vințan, Maria	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	Mathematics	11	13	10.3390/math11133032	2023				2-s2.0-85164741275	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164741275&doi=10.3390%2Fmath11133032&partnerID=40&md5=190db94262c24e3dc323aea9e705f7cf	SCOPUS

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1202	R., Szabo, Roland	Design Approach for Evolutionary Techniques Using Genetic Algorithms: Application for a Biped Robot to Learn to Walk and Rise after a Fall	Mathematics	11	13	10.3390/math11132931	2023				2-s2.0-85164718269	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164718269&doi=10.3390%2Fmath11132931&partnerID=40&md5=7de3d3bf122557a90c5bc7f9637ddd28	SCOPUS
1203	K., Balamurugan, Karnan; V., Shanmugam, Vigneshwaran; G., Palani, Geetha; S., Rajendran, Sundarakannan; S., Thanikodi, Sathish; E., Linul, Emanoil; S.A., Khan, Sher Afghan; M., Asif, Mohammad	Effect of TiC/RHA on solid particle erosion of Al6061 hybrid composites fabricated through a 2-step ultrasonic-assisted stir casting process	Journal of Materials Research and Technology	25		10.1016/j.jmrt.2023.06.225	2023	4888	4900	13	2-s2.0-85164225564	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164225564&doi=10.1016%2Fj.jmrt.2023.06.225&partnerID=40&md5=fc151392b8cd2a24e0d5903842263f57	SCOPUS
1204	E.C., Cismas, Emanuel Ciprian	Partially defined operators on locally Hilbert spaces	Banach Journal of Mathematical Analysis	17	3	10.1007/s43037-023-00274-1	2023				2-s2.0-85160238305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160238305&doi=10.1007%2Fs43037-023-00274-1&partnerID=40&md5=b767227f4091090dbd0e254ffa0a26	SCOPUS
1205	S., Pescari, Simon; L., Budău, Laurențiu; C.B., Vilceanu, Clara Beatrice	Rehabilitation and restauration of the main façade of historical masonry building –Romanian National Opera Timisoara	Case Studies in Construction Materials	18		10.1016/j.cscem.2023.e01838	2023				2-s2.0-85146056358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146056358&doi=10.1016%2Fj.cscem.2023.e01838&partnerID=40&md5=6f1d44443f400ba74be55935486d5672	SCOPUS
1206	A.K., Ospanova, Anar K.; M.V., Cojocari, Maria V.; P., Lamberti, Patrizia; A.O., Plyushch, Artem O.; L., Matekovits, Ladislau; Y.P., Svirko, Yuri P.; P.P., Kuzhir, Polina P.; A.A., Basharin, Alexey A.	Broadband transparency of Babinet complementary metamaterials	Applied Physics Letters	122	23	10.1063/5.0152841	2023				2-s2.0-85161800868	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161800868&doi=10.1063%2F5.0152841&partnerID=40&md5=81673d453820fb836c72618ab35d1d90	SCOPUS
1207	A.D., Stana, Adelina Diana; I., Șora, Ioana	Logical dependencies: extraction from the versioning system and usage in key classes detection	Computer Science and Information Systems	20	3	10.2298/CSIS220518025S	2023	1015	1035	21	2-s2.0-85165959224	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165959224&doi=10.2298%2FCSIS220518025S&partnerID=40&md5=cabd2b7c179191ae98e71a6465e36870	SCOPUS

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1208	D.D., Bhatta, Dharm Dev; M., Sarfraz, Muddassar; L., Ivascu, Larisa; M., Pislaru, Marius	The Nexus of Corporate Affinity for Technology and Firm Sustainable Performance in the Era of Digitalization: A Mediated Model	Sustainability (Switzerland)	15	12	10.3390/su15129765	2023				2-s2.0-85164204688	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164204688&doi=10.3390%2Fsu15129765&partnerID=40&md5=8d412e1ede030698b9fac13ea4667a9d	SCOPUS
1209	A., Baci, Anamaria; C., Orha, Corina; R., Nicolae, Radu; M., Nicolaescu, Mircea; S., Motoc, Sorina; F., Manea, Florica	Advanced Electrochemical Degradation of Organic Pollutants from Water Using Sb-Doped SnO ₂ /Ti Anode and Assisted by Granular Activated Carbon	Coatings	13	6	10.3390/coatings13061127	2023				2-s2.0-85164166208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164166208&doi=10.3390%2Fcoatings13061127&partnerID=40&md5=19e326b0636b00027b42e798ced97632	SCOPUS
1210	A., Doboli, Alex; D.I., Curiac, Daniel Ioan	Studying Consensus and Disagreement during Problem Solving in Teams through Learning and Response Generation Agents Model	Mathematics	11	12	10.3390/math11122602	2023				2-s2.0-85164138999	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164138999&doi=10.3390%2Fmath11122602&partnerID=40&md5=cd747c05480f0f111c8f0672b82c0c89	SCOPUS
1211	A., Horabaga, Adina; A., Șibu, Alina; C.I., Megyesi, Corina Iuliana; D.P., Gligor, Dina Pane; G.S., Bujancă, Gabriel Stelian; A.B., Velcirov, Ariana Bianca; F.E., Morariu, Florica Emilia; D.I., Hădăruță, Daniel Ioan; C.D., Mișcă, Corina Dana; N.G., Hădăruță, Nicoleta Gabriela	Estimation of the Controlled Release of Antioxidants from β -Cyclodextrin/Chamomile (Matricaria chamomilla L.) or Milk Thistle (Silybum marianum L.), Asteraceae, Hydrophilic Extract Complexes through the Fast and Cheap Spectrophotometric Technique	Plants	12	12	10.3390/plants12122352	2023				2-s2.0-85163988949	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163988949&doi=10.3390%2Fplants12122352&partnerID=40&md5=1766589d7de7167b404229067d8fddce	SCOPUS
1212	G., Mladin, Georgiana; M., Ciopec, Mihaela; A., Negrea, Adina; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; P., Svera, Paula; C., Ianăși, Cătălin	Selenite Removal from Aqueous Solution Using Silica–Iron Oxide Nanocomposite Adsorbents	Gels	9	6	10.3390/gels9060497	2023				2-s2.0-85163944471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163944471&doi=10.3390%2Fgels9060497&partnerID=40&md5=afd24c97fad8ddfc6d8780c3117e97d6	SCOPUS
1213	S.A., Abu-Awwad, Simona Alina; M.L., Craina, Marius Lucian; A., Gluhovschi, Adrian; L., Boscu, Lioara; E.S., Bernad, Elena Silvia; M., Iurciuc, M.; A., Abu-Awwad, Ahmed; S., Iurciuc, Stela; C., Tudoran, Cristina; R.L., Bernad, Robert Leonard	Comparative Analysis of Neonatal Effects in Pregnant Women with Cardiovascular Risk versus Low-Risk Pregnant Women	Journal of Clinical Medicine	12	12	10.3390/jcm12124082	2023				2-s2.0-85163941367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163941367&doi=10.3390%2Fjcm12124082&partnerID=40&md5=67161a0782607b969dcd3c95f6f66771	SCOPUS
1214	L., Ciurdariu, Loredana; E., Grecu, Eugenia	Several Quantum Hermite–Hadamard-Type Integral Inequalities for Convex Functions	Fractal and Fractional	7	6	10.3390/fractalfrac7060463	2023				2-s2.0-85163929365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163929365&doi=10.3390%2Ffractalfrac7060463&partnerID=40&md5=f14ef37eaa0d6a691f0ea57c937733d	SCOPUS

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1215	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; M.L., Dan, Mircea Laurențiu; S., Boran, Sorina	A Novel High-Efficiency Natural Biosorbent Material Obtained from Sour Cherry (<i>Prunus cerasus</i>) Leaf Biomass for Cationic Dyes Adsorption	Materials	16	12	10.3390/ma16124252	2023				2-s2.0-85163876339	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163876339&doi=10.3390%2Fma16124252&partnerID=40&md5=859acbbae2f9c08ec08a68f3d24d2a1b	SCOPUS
1216	D., Istrate, Dionisie; I., Bordeasu, Ilare; B., Ghiban, Brândușa; B., Istrate, Bogdan; B.G., Sbrăcea, Beatrice Gabriela; C., Ghera, Cristian; A.N., Luca, Alexandru Nicolae; O.P., Odagiu, Ovidiu Petrisor; B.F., Florea, Bogdan Florin; D.V., Gubencu, Dinu Valentin	Correlation between Mechanical Properties—Structural Characteristics and Cavitation Resistance of Rolled Aluminum Alloy Type 5083	Metals	13	6	10.3390/met13061067	2023				2-s2.0-85163872430	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163872430&doi=10.3390%2Fmet13061067&partnerID=40&md5=710ec1f306f457f75cf46de997ece21b	SCOPUS
1217	C., Cuzic, Cristiana; A., Jivănescu, Anca; R.M., Negru, Radu Marcel; I., Hulka, Iosif; M., Rominu, Mihai	The Influence of Hydrofluoric Acid Temperature and Application Technique on Ceramic Surface Texture and Shear Bond Strength of an Adhesive Cement	Materials	16	12	10.3390/ma16124303	2023				2-s2.0-85163857561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163857561&doi=10.3390%2Fma16124303&partnerID=40&md5=1b5597969bf73c1a44129e2b925967ad	SCOPUS
1218	B., Baul, Bianca; A., Ledet, Adriana; D., Circioban, Denisa; A., Ridichie, Amalia; T., Vlase, T.; G., Vlase, Gabriela; F., Peter, Francisc; I.V., Ledet, Ionut Valentin	Thermal Stability and Kinetics of Degradation of Moxonidine as Pure Ingredient vs. Pharmaceutical Formulation	Processes	11	6	10.3390/pr11061738	2023				2-s2.0-85163824178	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163824178&doi=10.3390%2Fpr11061738&partnerID=40&md5=d662ff3037b9602818dbcb82c83fdae	SCOPUS
1219	C., Ianăși, Cătălin; B.L., Pascu, Bogdan Ioan; N.S., Nemeș, Nicoleta Sorina; A., Popa, Alexandru	Synthesis and Characterization of Amorphous SiO ₂ -Fe ₃ O ₄ Materials Starting from Iron Sulfate for Preliminary Studies of CO ₂ Adsorption	Separations	10	6	10.3390/separations10060352	2023				2-s2.0-85163761750	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163761750&doi=10.3390%2Fseparations10060352&partnerID=40&md5=dda9965a2a9f14374bd00088736c7cb7	SCOPUS
1220	A.I., Bosioc, Alin Ilie; R.A., Szakal, Raul Alexandru; A.C., Stuparu, Adrian Ciprian; R.F., Susan-Resiga, Romeo Florin	Numerical Analysis of the Flow by Using a Free Runner Downstream the Francis Turbine	International Journal of Turbomachinery, Propulsion and Power	8	2	10.3390/ijtp8020014	2023				2-s2.0-85163737163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163737163&doi=10.3390%2Fijtp8020014&partnerID=40&md5=73985788a6a242da5be63311e511ef0	SCOPUS
1221	M.L., Vică, Mihaela Laura; M., Glevitzky, Mirel; R.C., Hegheduș-Mindru, Ramona Cristina; G.A., Dumitrel, Gabriela Alina; M.G., Hegheduș, M. G.; M., Popa, Maria; D.M., Faur, Doriana Maria; S.Ș., Bălici, Silvia Ștefana; C.A., Teodoru, Cosmin Adrian	Phyto-Inhibitory and Antimicrobial Activity of Brown Propolis from Romania	Antibiotics	12	6	10.3390/antibiotics12061015	2023				2-s2.0-85163642317	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163642317&doi=10.3390%2Fantibiotics12061015&partnerID=40&md5=d80269c83fe88f89cb2442fd4e8546d0	SCOPUS

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1222	S., Avram, Sebastian; R., Vasiu, Radu	Passive Power Line Communication Filter Design and Benchmarking Using Scattering Parameters	Applied Sciences (Switzerland)	13	11	10.3390/app13116821	2023				2-s2.0-85163128225	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163128225&doi=10.3390%2Fapp13116821&partnerID=40&md5=036858b4c1b46af7d18a42d6a1e6a568	SCOPUS
1223	S., Karda, Szilárd; T., Nagy-György, Tamás; I., Boros, Iosif	Evolution of the Payback Period for Energy-Efficient Residential Buildings in Romania in the Last Decade	Sustainability (Switzerland)	15	11	10.3390/su15118986	2023				2-s2.0-85163104388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163104388&doi=10.3390%2Fsu15118986&partnerID=40&md5=9eaf111025e203be1094b92acf8e6504	SCOPUS
1224	I., Mitelea, Ion; L.C., Burcă, Lucian Călin; M., Burcă, Mircea; C.M., Crăciunescu, Corneliu Marius; I.D., Utu, Ion Dragos	Process parameters, structure and mechanical properties of dissimilar Nimonic 80 A/AISI 316 L resistance welded joints	Materialpruefung/Materials Testing	65	6	10.1515/mt-2022-0349	2023	911	923	13	2-s2.0-85159077251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159077251&doi=10.1515%2Fmt-2022-0349&partnerID=40&md5=4bc8e1b6b5cce4a784fa4d9ee8fed205	SCOPUS
1225	N., Lupa, Nicolae; L.H., Popescu, Liviu Horia	Generalized Evolution Semigroups and General Dichotomies	Results in Mathematics	78	3	10.1007/s00025-023-01896-5	2023				2-s2.0-85151351377	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151351377&doi=10.1007%2Fs00025-023-01896-5&partnerID=40&md5=ca79f032175b65b998f13bb49ba37e9e	SCOPUS
1226	C., Toduț, Carla; D., Dan, Daniel; V.A., Stoian, Valeriu Augustin; M., Fofiu, Mihai	Theoretical and experimental study of damaged reinforced concrete shear walls strengthened with FRP composites	Composite Structures	313		10.1016/j.compstruct.2023.116912	2023				2-s2.0-85150245168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150245168&doi=10.1016%2Fj.compstruct.2023.116912&partnerID=40&md5=24649f998b1c296a4e6d053a682f6354	SCOPUS
1227	L., Kouhalvandi, Lida; L., Matekovits, Ladislau	Combinational of surrogate modeling and particle swarm optimization for improving the electromagnetic performances of a frequency selective surface	Signal, Image and Video Processing	17	4	10.1007/s11760-022-02371-4	2023	1615	1620	6	2-s2.0-85139650913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139650913&doi=10.1007%2Fs11760-022-02371-4&partnerID=40&md5=13de4c2e8a4cb2918430fcfd90ad	SCOPUS

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1228	R.I., Negrea, Romeo Iosif	On the pathwise uniqueness of solutions to stochastic differential equations	Journal of Differential Equations	355		10.1016/j.jde.2023.01.027	2023	1	15	15	2-s2.0-85146858491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146858491&doi=10.1016%2Fj.jde.2023.01.027&partnerID=40&md5=7deae3cce9c4f41c2e96a17b84737e41	SCOPUS
1229	S., Marc, Simona; A.E., Mizeranschi, Alexandru E.; C., Paul, Cristina; G., Otava, Gabriel; J., Savici, Jelena; B., Sicoe, Bogdan; I., Torda, Iuliu; I., Huțu, Ioan; C., Mircu, Călin; D.E., Ilie, Daniela Elena	Simultaneous Occurrence of Hypospadias and Bilateral Cleft Lip and Jaw in a Crossbred Calf: Clinical, Computer Tomographic, and Genomic Characterization	Animals	13	10	10.3390/ani13101709	2023				2-s2.0-85160444250	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160444250&doi=10.3390%2Fani13101709&partnerID=40&md5=9c64b9cc5b2ac030d8ac65abc9625b41	SCOPUS
1230	A.C., Măroiu, Alexandra Cristina; A., Jivănescu, Anca; D.A., Șerban, D. A.; R.M., Negru, Radu Marcel; V.F., Duma, Virgil-Florin Florin; C., Sinescu, Cosmin; M., Romînu, Mihai	The Influence of a Novel, Crenelated Design of CAD-CAM Ceramic Veneers on the Debonding Strength	Materials	16	10	10.3390/ma16103694	2023				2-s2.0-85160319511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160319511&doi=10.3390%2Fma16103694&partnerID=40&md5=71ecb97787d2e46b57f1c5afcc3e4535	SCOPUS
1231	V.L., Ordodi, Valentin Laurentiu; N.G., Hădărugă, Nicoleta Gabriela; D.I., Hădărugă, Daniel Ioan; A.T., Lukinich-Gruia, Alexandra T.; M., Mărgineanu, Mihaela; C.A., Tatu, Călin Adrian; V., Păunescu, Virgil	Urine Metabolomic Signature of People Diagnosed with Balkan Endemic Nephropathy and Other Types of Chronic Kidney Disease Compared with Healthy Subjects in Romania	Metabolites	13	5	10.3390/metabo13050609	2023				2-s2.0-85160307567	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160307567&doi=10.3390%2Fmetabo13050609&partnerID=40&md5=b07ec9bad5afdf9fb3119529209444	SCOPUS
1232	A.M.C., Daescu, Ana Maria Cristina; L., Dehelean, Liana; D.B., Navolan, Dan Bogdan; A.I., Gaitoane, Alexandru Ioan; A., Daescu, Andrei; D.L., Stoian, Dana Liana	Effects of Hormonal Profile, Weight, and Body Image on Sexual Function in Women with Polycystic Ovary Syndrome	Healthcare (Switzerland)	11	10	10.3390/healthcare11101488	2023				2-s2.0-85160257961	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160257961&doi=10.3390%2Fhealthcare11101488&partnerID=40&md5=446bb8b9224553f1034fd04cb4d305b3	SCOPUS
1233	A.M., Silaghi, Andrei Marius; F., Mir, Farzad; A.I., De Sabata, Aldo I.; L., Matekovits, Ladislau	Design and Experimental Validation of a Switchable Frequency Selective Surface with Incorporated Control Network	Sensors	23	9	10.3390/s23094561	2023				2-s2.0-85159323845	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159323845&doi=10.3390%2Fs23094561&partnerID=40&md5=dc43da4b953584c555cc0e6c43bcc408	SCOPUS
1234	R.D., Ene, Remus Daniel; N., Pop, Nicolina; R., Bădărău, Rodica	Partial Slip Effects for Thermally Radiative Convective Nanofluid Flow	Mathematics	11	9	10.3390/math11092199	2023				2-s2.0-85159202354	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159202354&doi=10.3390%2Fmath11092199&partnerID=40&md5=33a163cdebe7d49fc60c2c5475db4ae8	SCOPUS

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1235	N., Herisanu, Nicolae; B.V., Marinca, Bogdan V.; L.J., Cveticanin, L. J.; V., Marinca, Vasile	Analysis of the Vibro-Impact Nonlinear Damped and Forced Oscillator in the Dynamics of the Electromagnetic Actuation	Mathematics	11	9	10.3390/math11092194	2023				2-s2.0-85159172757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159172757&doi=10.3390%2Fmath11092194&partnerID=40&md5=1176575f735141c34de7c5c70bfl1daef	SCOPUS
1236	R., Kumar, Raj; R., Nadda, Rahul; S.H.S., Kumar, Sushil Hari Selva; S., Saboor, Shaik; A.S., C. Ahamed Saleel; M.A.E., Abbas, Mohamed Abd Elhamid; A., Afzal, Asif; E., Linul, Emanoil	Convective heat transfer enhancement using impingement jets in channels and tubes: A comprehensive review	Alexandria Engineering Journal	70		10.1016/j.aej.2023.02.013	2023	349	376	28	2-s2.0-85149683883	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149683883&doi=10.1016%2Fj.aej.2023.02.013&partnerID=40&md5=625339888310d543879df16cdeba344d	SCOPUS
1237	C., Bengescu, Cosmina; A., Ledeți, Adriana; T., Olariu, Tudor; D., Circioban, Denisa; C.V., Muntean, Cornelia Veronica; G., Vlase, Gabriela; T., Vlase, T.; C., Tomoroga, Carmen; A.O., Dragomirescu, Anca Octavia; D., Dascălu, Daniela	Instrumental investigations of promestriene: first report regarding the solid-state characterization and compatibility with pharmaceutical excipients	Journal of Thermal Analysis and Calorimetry	148	10	10.1007/s10973-023-11942-7	2023	4641	4649	9	2-s2.0-85146621205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146621205&doi=10.1007%2Fs10973-023-11942-7&partnerID=40&md5=9e0565b4d7d6c620e1e7f925b6e389bd	SCOPUS
1238	D.A., Șerban, D. A.; G., Furtos, Gabriel; L., Marșavina, Liviu; C., Șoșdean, Corina; R.M., Negru, Radu Marcel	Numerical modelling of the mechanical behaviour of wood fibre-reinforced geopolymers	Continuum Mechanics and Thermodynamics	35	3	10.1007/s00161-020-00934-9	2023	957	969	13	2-s2.0-85092708745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092708745&doi=10.1007%2Fs00161-020-00934-9&partnerID=40&md5=f6f3bd7d30c258acc4cbb5a36bc4f0c	SCOPUS
1239	D.A., Șerban, D. A.; R.M., Negru, Radu Marcel; H.E., Filipescu, Hannelore Elfride; L., Marșavina, Liviu	Investigations on the influence of the triaxial state of stress on the failure of polyurethane rigid foams	Continuum Mechanics and Thermodynamics	35	3	10.1007/s00161-020-00924-x	2023	905	918	14	2-s2.0-85090461907	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090461907&doi=10.1007%2Fs00161-020-00924-x&partnerID=40&md5=9aabee33bb75e979c49db772fd48241a	SCOPUS
1240	D., Belega, Daniel; D., Petri, Dario	Analysis of asymptotic and exact Cramér-Rao lower bounds on the parameters of a noisy periodic signals	Digital Signal Processing: A Review Journal	135		10.1016/j.dsp.2023.103961	2023				2-s2.0-85148543797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148543797&doi=10.1016%2Fj.dsp.2023.103961&partnerID=40&md5=0eacbc857b9092c1d13e21de4c4e20e2	SCOPUS

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1241	C., Yin, Chenzhong; M., Udrescu, Mihai; G., Gupta, Gaurav; M., Cheng, Mingxi; A., Libu, Andrei; L., Udrescu, Lucreția; P., Bogdan, Paul; D.M., Mannino, David M.; S.A., Mihaicuta, Stefan A.	Fractional Dynamics Foster Deep Learning of COPD Stage Prediction	Advanced Science	10	12	10.1002/advs.202203485	2023				2-s2.0-85148653394	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148653394&doi=10.1002%2Fadvs.202203485&partnerID=40&md5=56f285cebb3aef7fd8406b281d39900	SCOPUS
1242	B.V., Marincea, Bogdan V.; V., Marincea, Vasile	ANALYTICAL METHOD FOR NONLINEAR MEMRISTIVE SYSTEMS	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	24	2	10.59277/pra-ser.a.24.2.08	2023	159	165	7	2-s2.0-85167963355	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167963355&doi=10.59277%2Fpra-ser.a.24.2.08&partnerID=40&md5=43ed1780d3c939e662ab7ac234e7475e	SCOPUS
1243	R., Szabo, Roland; R., Rician, Radu	A Genetic Algorithm-Controlled Solar Tracker Robot with Increased Precision Due to Evolution	Machines	11	4	10.3390/machines11040430	2023				2-s2.0-85156231378	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156231378&doi=10.3390%2Fmachines11040430&partnerID=40&md5=316b65cb138c6f1121db06e654304335	SCOPUS
1244	E.M., Stanciu, Elena Manuela; A., Pascu, Alexandru; C., Croitoru, Cătălin; I.C., Roată, Ionuț Claudiu; D.V., Cristea, Daniel V.; M.H., Țiercean, Mircea Horia; I., Hulka, Iosif; I.M., Petre, Ioana Mădălina; J.C., Mirza-Rosca, Julia Claudia	Functional Surfaces via Laser Processing in Nickel Acetate Solution	Materials	16	8	10.3390/ma16083087	2023				2-s2.0-85156175076	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156175076&doi=10.3390%2Fma16083087&partnerID=40&md5=fb568722d98cd87d82b97ea2d16fc831	SCOPUS
1245	D.N., Avram, Diana Nicoleta; C.M., Davidescu, Corneliu Mircea; I., Hulka, Iosif; M.L., Dan, Mircea Laurențiu; E.M., Stanciu, Elena Manuela; A., Pascu, Alexandru; J.C., Mirza-Rosca, Julia Claudia	Corrosion Behavior of Coated Low Carbon Steel in a Simulated PEMFC Environment	Materials	16	8	10.3390/ma16083056	2023				2-s2.0-85156140581	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156140581&doi=10.3390%2Fma16083056&partnerID=40&md5=784ff8c9007136cd3ec8a48a21eeeb44	SCOPUS
1246	C.I., Belin, Cosmin Ion; I., Mitelea, Ion; I., Bordeasu, Ilare; C.M., Crăciunescu, Corneliu Marius; I.D., Utu, Ion Dragos	Technological Processes for Increasing the Cavitation Erosion Resistance of Nimonic 80A Superalloys	Materials	16	8	10.3390/ma16083206	2023				2-s2.0-85156130385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156130385&doi=10.3390%2Fma16083206&partnerID=40&md5=960b697c83ee9c80f152d2eb1cadce0d	SCOPUS

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1247	I.M.C., Ienascu, Ioana Maria Carmen; A., Căta, Adina; A.A., Chiș, Adriana Aurelia; M.N., Ștefănuț, Mariana Nela; P., Șfîrloagă, Paula; G.I., Rusu, Gerlinde I.; A., Frum, Adina; A.M., Arseniu, Anca Maria; C., Morgovan, Claudiu; L.L., Rus, Luca Liviu	Some Brassicaceae Extracts as Potential Antioxidants and Green Corrosion Inhibitors	Materials	16	8	10.3390/ma16082967	2023				2-s2.0-85156129411	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156129411&doi=10.3390%2Fma16082967&partnerID=40&md5=dedf6da2d46db537422aab5dc740ca48	SCOPUS
1248	C., Jianu, Călin; A.T., Lukinich-Gruia, Alexandra T.; M., Rădulescu, Matilda; M., Mioc, Marius; A., Mioc, Alexandra; C.M., Șoica, Codruța Marinela; A.T., Constantin, Albert Titus; I., David, Ioan; G.S., Bujancă, Gabriel Stelian; R., Ghircu-Radu, Roxana	Essential Oil of Origanum vulgare var. aureum L. from Western Romania: Chemical Analysis, In Vitro and In Silico Screening of Its Antioxidant Activity	Applied Sciences (Switzerland)	13	8	10.3390/app13085076	2023				2-s2.0-85156117134	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156117134&doi=10.3390%2Fapp13085076&partnerID=40&md5=1976cd0f400d759a2fc10a7e70da151a	SCOPUS
1249	A.I., Borlea, Anamaria Ioana; R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian	DISCRETE-TIME MODEL-BASED SLIDING MODE CONTROLLERS FOR TOWER CRANE SYSTEMS	Facta Universitatis, Series: Mechanical Engineering	21	1	10.22190/FUME230125009B	2023	1	20	20	2-s2.0-85154617135	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154617135&doi=10.22190%2FFUME230125009B&partnerID=40&md5=d3fd171f587fe4eb42f7bd8e200e6133	SCOPUS
1250	R.L., Șumălan, Radu L.; V., Nescu, Vlad; A.A., Berbeca, Adina A.; R.M., Sumalan, Renata Maria; M.E., Crisan, Manuela E.; P., Negrea, Petru; S., Ciulca, Sorin	The Impact of Heavy Metal Accumulation on Some Physiological Parameters in Silphium perfoliatum L. Plants Grown in Hydroponic Systems	Plants	12	8	10.3390/plants12081718	2023				2-s2.0-85154542851	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154542851&doi=10.3390%2Fplants12081718&partnerID=40&md5=72b7ed44a1e6f43cf8e5a7290dbe07dc	SCOPUS
1251	R., Bogdan, Razvan; C., Paliuc, Camelia; M.M., Crișan-Vida, Mihaela Marcella; S., Nimara, Sergiu; D., Barmayoun, Darius	Low-Cost Internet-of-Things Water-Quality Monitoring System for Rural Areas	Sensors	23	8	10.3390/s23083919	2023				2-s2.0-85153756688	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153756688&doi=10.3390%2Fs23083919&partnerID=40&md5=c33e9de55ede329d1e4c367e0ca8b2a	SCOPUS
1252	M.C., Ioncica, Maria Cristina; S., Bandyopadhyay, Sulalit; N., Bali, Nesrine; V.M., Socoliuc, Vlad Mircea; S.I., Bernad, Sandor Ianos	Investigation of Cubic and Spherical IONPs' Rheological Characteristics and Aggregation Patterns from the Perspective of Magnetic Targeting	Magnetochemistry	9	4	10.3390/magnetocchemistry9040099	2023				2-s2.0-85153730043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153730043&doi=10.3390%2Fmagnetocchemistry9040099&partnerID=40&md5=9f5e5b54eccc173db7f4ef35cd657803f	SCOPUS

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1253	D.D., Bonciog, Dumitru Daniel; M.R., Lascu, Mihaela Ruxandra; L., Mățiu-Iovan, Liliana; V.L., Ordodi, Valentin Laurentiu	Automation and Optimization of Rat Heart Decellularization Using a Vibrating Fluid Column	Sensors	23	8	10.3390/s23084045	2023				2-s2.0-85153709592	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153709592&doi=10.3390%2Fs23084045&partnerID=40&md5=b5821d75779432723b60736b718bdc34	SCOPUS
1254	R.D., Ene, Remus Daniel; N., Pop, Nicolina; R., Bădărău, Rodica	Heat and Mass Transfer Analysis for the Viscous Fluid Flow: Dual Approximate Solutions	Mathematics	11	7	10.3390/math11071648	2023				2-s2.0-85152793435	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152793435&doi=10.3390%2Fmath11071648&partnerID=40&md5=7339a62dadfa0070be1b5f23a4bc1cc9	SCOPUS
1255	C., Ianăși, Cătălin; P., Svera, Paula; A., Popa, Alexandru; R.I., Lazău, Radu Ioan; A., Negrea, Adina; P., Negrea, Petru; N.M., Duțeanu, Narcis Mihai; M., Ciopec, Mihaela; N.S., Nemeș, Nicoleta Sorina	Adsorbent Material Based on Carbon Black and Bismuth with Tunable Properties for Gold Recovery	Materials	16	7	10.3390/ma16072837	2023				2-s2.0-85152654982	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152654982&doi=10.3390%2Fma16072837&partnerID=40&md5=8d4c3108c68bebb85d4de3a394c29140	SCOPUS
1256	M., Nicolaescu, Mircea; M., Vajda, Melinda; C., Lăzău, Carmen; C., Orha, Corina; C.E., Bandas Ratiu, C. Elena; V.A., Serban, Viorel Aurel; C., Codrean, Cosmin	Fabrication of Flexible Supercapacitor Electrode Materials by Chemical Oxidation of Iron-Based Amorphous Ribbons	Materials	16	7	10.3390/ma16072820	2023				2-s2.0-85152621683	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152621683&doi=10.3390%2Fma16072820&partnerID=40&md5=6254a3c455cc3997bf93e9244c34535c	SCOPUS
1257	I., Mitelea, Ion; I., Bordeasu, Ilare; F., Franț, Florin; I.D., Utu, Ion Dragos; C.M., Craciunescu, Corneliu Marius; C., Ghera, Cristian	Cavitation Erosion Characteristics of the EN AW-6082 Aluminum Alloy by TIG Surface Remelting	Materials	16	7	10.3390/ma16072563	2023				2-s2.0-85152556460	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152556460&doi=10.3390%2Fma16072563&partnerID=40&md5=70c55dfc020982f1a37de3d84a647de7	SCOPUS
1258	A.I., Feier, Anamaria Ioana; I., Both, Ioan; E., Petzek, Edward	Optimisation of the Heterogeneous Joining Process of AlMg3 and X2CrNiMo17-12-2 Alloy by FSW Method	Materials	16	7	10.3390/ma16072750	2023				2-s2.0-85152518855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152518855&doi=10.3390%2Fma16072750&partnerID=40&md5=19d7438e2fdb4fa79bc265a14f49bc5c	SCOPUS
1259	L., Marșavina, Liviu; A., Sapura, Alberto; L., Susmel, Luca; D., Taylor, David	The application of the Theory of Critical Distances to nonhomogeneous materials	Fatigue and Fracture of Engineering Materials and Structures	46	4	10.1111/ffe.13922	2023	1314	1329	16	2-s2.0-85145467195	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145467195&doi=10.1111%2Fffe.13922&partnerID=40&md5=d038fcac4flc8a402d70a10e552cc086	SCOPUS

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1260	C.E., Ille, Codruța Eliza; A.E., Moacă, Alina Elena; D.A., Pop, Daniel Alexandru; L.M., Goguță, Luciana Maria; C.F., Opreș, Carmen Firu; I.L., Pirvulescu, Ioana Ligia; L.T., Avram, Liane Tabitha; A.B., Faur, Andrei Bogdan; A., Jivănescu, Anca	Compressive strength evaluation of thin occlusal veneers from different CAD/CAM materials, before and after acidic saliva exposure	Odontology / the Society of the Nippon Dental University	111	2	10.1007/s10266-022-00741-5	2023	360	374	15	2-s2.0-85137849905	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137849905&doi=10.1007%2Fs10266-022-00741-5&partnerID=40&md5=0889184d5e9746a4fb357a4b9842b5f4	SCOPUS
1261	C., Pinca-Bretotean, Camelia; A., Josan, Ana; A.K., Sharma, Arun Kumar	Composites Based on Sustainable Biomass Fiber for Automotive Brake Pads	Materiale Plastice	60	1	10.37358/MP.23.1.5642	2023	33	41	9	2-s2.0-85158850415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158850415&doi=10.37358%2FMP.23.1.5642&partnerID=40&md5=c5fd9b9db2444f0d10f658ca7d53e7c0	SCOPUS
1262	R.Ș., Vizitiu, Robert Ștefan; A., Burlacu, Andrei; C., Abid, Chérifa; M.C., Balan, Marius Costel; S.E., Vizitiu, Ștefănică Eliza; M., Brănoaea, Marius; N.E., Kaba, Nicoleta Elena	Investigating the Efficiency of a Heat Recovery–Storage System Using Heat Pipes and Phase Change Materials	Materials	16	6	10.3390/ma16062382	2023				2-s2.0-85152035871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152035871&doi=10.3390%2Fma16062382&partnerID=40&md5=d7136bcbf2e956c575ad157ac81098c5	SCOPUS
1263	A.M., Jasim, Ali Mohammed; B.H., Jasim, Basil H.; B.C., Neagu, Bogdan Constantin; A., Simo, Attila	Electric Vehicle Battery-Connected Parallel Distribution Generators for Intelligent Demand Management in Smart Microgrids	Energies	16	6	10.3390/en16062570	2023				2-s2.0-85151959898	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151959898&doi=10.3390%2Fen16062570&partnerID=40&md5=817d70562ab6c1302a3f57ef5f9f7f50	SCOPUS
1264	D.V., Gubencu, Dinu Valentin; C.F., Opreș, Carmen Firu; A.A., Han, Adelina Alina	Analysis of Kerf Quality Characteristics of Kevlar Fiber-Reinforced Polymers Cut by Abrasive Water Jet	Materials	16	6	10.3390/ma16062182	2023				2-s2.0-85151545102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151545102&doi=10.3390%2Fma16062182&partnerID=40&md5=63ac106541fb61aa7fc3dc5afec34797	SCOPUS
1265	A., Topirceanu, Alexandru	On the Impact of Quarantine Policies and Recurrence Rate in Epidemic Spreading Using a Spatial Agent-Based Model	Mathematics	11	6	10.3390/math11061336	2023				2-s2.0-85151386849	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151386849&doi=10.3390%2Fmath11061336&partnerID=40&md5=0099495a261ff495206490c2d051ea01	SCOPUS

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1266	M., Cernicova-Buca, Mariana; V., Gherheș, Vasile; C., Obrad, Ciprian	Residents' Satisfaction with Green Spaces and Daily Life in Small Urban Settings: Romanian Perspectives	Land	12	3	10.3390/land12030689	2023				2-s2.0-85151376675	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151376675&doi=10.3390%2Fland12030689&partnerID=40&md5=3f2481ec5dd744417dd4b3e7ddad09e8	SCOPUS
1267	R., Szabo, Roland; R., Ricman, Radu	Robotic Arm Position Computing Method in the 2D and 3D Spaces	Actuators	12	3	10.3390/act12030112	2023				2-s2.0-85150960270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150960270&doi=10.3390%2Fact12030112&partnerID=40&md5=78aa76d3eb623f495dd46910ddfe59f3	SCOPUS
1268	S.S., Singhwal, Sumer Singh; L., Matekovits, Ladislau; B.K., Kumar Kanaujia, Binod Kumar	Glueless Multiple Input Multiple Output Dielectric Resonator Antenna with Improved Isolation	Electronics (Switzerland)	12	5	10.3390/electronics12051125	2023				2-s2.0-85150165132	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150165132&doi=10.3390%2Felectronics12051125&partnerID=40&md5=b948a340bed2c03c25e4b9febc61cb39	SCOPUS
1269	A., Forton, Andrei; A., Stirb, Adelin; P., Marc, Paul	Influence of Anti-Stripping Green Additives on Binder Performance	Sustainability (Switzerland)	15	5	10.3390/su15054560	2023				2-s2.0-85149960681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149960681&doi=10.3390%2Fsu15054560&partnerID=40&md5=747e01b3c4377aa5390cf7f9a62f765c	SCOPUS
1270	E., Popa, Evelyn; A.A., Andeescu, Adelina Antonia; S., Motoc, Sorina; A., Visan, Alexandru; C., Cretu, Carmen; F., Scarpelli, Francesca; A., Crispini, Alessandra; F., Manea, Florica; E.I., Szerb, Elisabeta Ildyko	Hetero-Bimetallic Ferrocene-Containing Zinc(II)-Terpyridyl-Based Metallomesogen: Structural and Electrochemical Characterization	Materials	16	5	10.3390/ma16051946	2023				2-s2.0-85149867566	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149867566&doi=10.3390%2Fma16051946&partnerID=40&md5=1bc12b7d5e6337d8fda8a25884d71ca1	SCOPUS
1271	R.D., Ene, Remus Daniel; N., Pop, Nicolina	Optimal Homotopy Asymptotic Method for an Anharmonic Oscillator: Application to the Chen System	Mathematics	11	5	10.3390/math11051124	2023				2-s2.0-85149846834	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149846834&doi=10.3390%2Fmath11051124&partnerID=40&md5=97c171639a99e51af8ef377e92081857	SCOPUS
1272	C.T., Albuiescu, Claudiu Tiberiu; E., Grecu, Eugenia	Government Interventions and Sovereign Bond Market Volatility during COVID-19: A Quantile Analysis	Mathematics	11	5	10.3390/math11051171	2023				2-s2.0-85149817701	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149817701&doi=10.3390%2Fmath11051171&partnerID=40&md5=00cd8158db69340f30583a2f281a2a6	SCOPUS

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1273	I., Hulka, Iosif; J.C., Mirza-Rosca, Julia Claudia; D., Buzdugan, Dragoș; A., Saceleanu, Adriana	Microstructure and Mechanical Characteristics of Ti-Ta Alloys before and after NaOH Treatment and Their Behavior in Simulated Body Fluid	Materials	16	5	10.3390/ma16051943	2023				2-s2.0-85149816740	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149816740&doi=10.3390%2Fma16051943&partnerID=40&md5=a6799655d366cc34d62c466925c4353d	SCOPUS
1274	A., Tidrea, Alexandra; A., Korodi, Adrian; I., Silea, Ioan	Elliptic Curve Cryptography Considerations for Securing Automation and SCADA Systems	Sensors	23	5	10.3390/s23052686	2023				2-s2.0-85149752027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149752027&doi=10.3390%2Fs23052686&partnerID=40&md5=83261d96cc617969e153c98f8f6f0e0b	SCOPUS
1275	A.Z., Farkas, Andrei Zoltan; S.V., Galațanu, Sergiu Valentin; R., Nagib, Riham	The Influence of Printing Layer Thickness and Orientation on the Mechanical Properties of DLP 3D-Printed Dental Resin	Polymers	15	5	10.3390/polym15051113	2023				2-s2.0-85149682668	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149682668&doi=10.3390%2Fpolym15051113&partnerID=40&md5=c434b54ca83210c1cb6da35e009f035c	SCOPUS
1276	I., Rus, Iulia; R., Ianoș, Robert; R.I., Lazău, Radu Ioan; C., Păcurariu, Cornelia	New blue pigments based on Co ²⁺ and La ³⁺ doped hibonite for NIR-reflective coatings	Materials Today Chemistry	28		10.1016/j.mtchem.2023.101391	2023				2-s2.0-85147607122	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147607122&doi=10.1016%2Fj.mtchem.2023.101391&partnerID=40&md5=499dfa487cfl6337edd85bf49dbcc563	SCOPUS
1277	M., Sarfraz, Muddassar; K.F., Khawaja, Kausar Fiaz; L., Ivascu, Larisa; M., Khalil, Mahmoona	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	Studies in Educational Evaluation	76		10.1016/j.stueduc.2023.101235	2023				2-s2.0-85146682615	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146682615&doi=10.1016%2Fj.stueduc.2023.101235&partnerID=40&md5=313b20214ff7f5c30d4091302a0a57ac	SCOPUS
1278	D.I., Stoia, Dan Ioan; S.V., Galațanu, Sergiu Valentin; L., Marșavina, Liviu	Impact properties of laser sintered polyamide, according to building orientation	Journal of Mechanical Science and Technology	37	3	10.1007/s12206-022-2108-0	2023	1119	1123	5	2-s2.0-85141730612	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141730612&doi=10.1007%2Fs12206-022-2108-0&partnerID=40&md5=901e254791bbbeb3383fb6b2267c606	SCOPUS

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1279	Y.V., Shestopalov, Yuri V.; L., Matekovits, Ladislau	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)	Optics Express	31	5	10.1364/OE.473217	2023	7863	7886	24	2-s2.0-85149130459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149130459&doi=10.1364%2FOE.473217&partnerID=40&md5=3de96c6db603be77e719e706b84e299f6	SCOPUS
1280	C., Vancea, Cosmin; G.E., Moșoarcă, Giannin Emanuel; S., Popa, S.; M.L., Dan, Mircea Laurențiu; S., Boran, Sorina	New Glass Ceramic Materials Obtained from Cathode Ray Tubes Glass Wastes and Fly Ash	Sustainability (Switzerland)	15	4	10.3390/su15043021	2023				2-s2.0-85149337854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149337854&doi=10.3390%2Fsu15043021&partnerID=40&md5=93d7df13b8992d1040502666a133ce1	SCOPUS
1281	R., Muntean, Roxana; M., Brîndușoiu, Mihai; D., Buzdugan, Dragoș; N.S., Nemeș, Nicoleta Sorina; A., Kellenberger, Andrea; I.D., Utu, Ion Dragoș	Characteristics of Hydroxyapatite-Modified Coatings Based on TiO2 Obtained by Plasma Electrolytic Oxidation and Electrophoretic Deposition	Materials	16	4	10.3390/ma16041410	2023				2-s2.0-85149251060	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149251060&doi=10.3390%2Fma16041410&partnerID=40&md5=320e11b978559ba4388111dc6891d52f	SCOPUS
1282	M.L., Dan, Mircea Laurențiu; A., Kellenberger, Andrea; D.A., Duca, Delia Andrada; N., Vaszilcsin, N.; C.M., Crăciunescu, Corneliu Marius; I., Mitelea, Ion; A., Ercuța, Aurel; S., Laedre, Sigrid; T., Khoza, Thulile	Corrosion Resistance of AISI 442 and AISI 446 Ferritic Stainless Steels as a Support for PEMWE Bipolar Plates	Materials	16	4	10.3390/ma16041501	2023				2-s2.0-85149224991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149224991&doi=10.3390%2Fma16041501&partnerID=40&md5=6b06f42caa5d1668b21526a57985f49	SCOPUS
1283	A.L., Dimb, Alexandru Lucian; V.F., Duma, Virgil-Florin Florin	Symmetries of Scan Patterns of Laser Scanners with Rotational Risley Prisms	Symmetry	15	2	10.3390/sym15020336	2023				2-s2.0-85149221430	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149221430&doi=10.3390%2Fsym15020336&partnerID=40&md5=af4f9b6e8c35cb57e7aa694469c0e7b5	SCOPUS
1284	M., Gheju, Marius; I., Balcu, Ionel	Effect of Sand Co-Presence on CrVI Removal in Fe0-H2O System	Water (Switzerland)	15	4	10.3390/w15040777	2023				2-s2.0-85149204976	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149204976&doi=10.3390%2Fw15040777&partnerID=40&md5=d5b7951365140184fd2dda2e65237692	SCOPUS
1285	I., Salagean-Mohora, Irina; A.A., Anghel, Anamaria A.; F., Mihai Friguta-Iliasa, Flaviu	Photogrammetry as a Digital Tool for Joining Heritage Documentation in Architectural Education and Professional Practice	Buildings	13	2	10.3390/buildings13020319	2023				2-s2.0-85149203672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149203672&doi=10.3390%2Fbuildings13020319&partnerID=40&md5=19ce9a4807786ca56fa05b07255b943a	SCOPUS

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1286	L., Mitelea, Ion; I., Bordeasu, Ilare; D., Cosma, Daniela; I.D., Utu, Ion Dragos; C.M., Craciunescu, Corneliu Marius	Microstructure and Cavitation Damage Characteristics of GX40CrNiSi25-20 Cast Stainless Steel by TIG Surface Remelting	Materials	16	4	10.3390/ma16041423	2023				2-s2.0-85149184474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149184474&doi=10.3390%2Fma16041423&partnerID=40&md5=e21722edc0e688efe04b075cb120f254	SCOPUS
1287	L., Kouhalvandi, Lida; L., Matekovits, Ladislau; I., Peter, Ildiko	Amplifiers in Biomedical Engineering: A Review from Application Perspectives	Sensors	23	4	10.3390/s23042277	2023				2-s2.0-85149166893	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149166893&doi=10.3390%2Fs23042277&partnerID=40&md5=2b6ee16165e4fc97aa4c9dc73ad11228	SCOPUS
1288	G., Moza, Gheorghe; O., Brandibur, Oana; A., Găină, Ariana	Dynamics of a Four-Dimensional Economic Model	Mathematics	11	4	10.3390/math11040797	2023				2-s2.0-85149008694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149008694&doi=10.3390%2Fmath11040797&partnerID=40&md5=0d51481d19d0a857b46d9841de6550e4	SCOPUS
1289	R., Nagib, Riham; A.Z., Farkas, Andrei Zoltan; C.A., Szuhaneck, Camelia Alexandrina	FEM Analysis of Individualized Polymeric 3D Printed Guide for Orthodontic Mini-Implant Insertion as Temporary Crown Support in the Anterior Maxillary Area	Polymers	15	4	10.3390/polym15040879	2023				2-s2.0-85149003954	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149003954&doi=10.3390%2Fpolym15040879&partnerID=40&md5=f92cd9390b6aeb94674af13b91ea48d6	SCOPUS
1290	R.I., Lazău, Radu Ioan; R., Ianoș, Robert; C., Pecurariu, Cornelia; D.A., Căpraru, Diana Aylin; A.V., Racu, A. V.; V., Cornea, Vlad	Combustion Synthesis of SrAl2O4: Eu2+, Dy3+ Phosphorescent Pigments for Glow-in-the-Dark Safety Markings	Nanomaterials	13	4	10.3390/nano13040687	2023				2-s2.0-85148996104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148996104&doi=10.3390%2Fnano13040687&partnerID=40&md5=5e6cba5e902f3dda09d8c0d6451cea7b	SCOPUS
1291	M.D., Baci, Marian D.; E.A., Capota, Eugenia Ana; C.S., Stangaci, Cristina Sorina; D.I., Curia, Daniel Ioan; M.V., Micea, Mihai Victor	Multi-Core Time-Triggered OCBP-Based Scheduling for Mixed Criticality Periodic Task Systems	Sensors	23	4	10.3390/s23041960	2023				2-s2.0-85148973170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148973170&doi=10.3390%2Fs23041960&partnerID=40&md5=5cdd8171a46c7328def2f04f2bc074f4	SCOPUS
1292	M.A., Fărcașiu, Marcela Alina; V., Gherheș, Vasile; S., Șimon, Simona; D., Dejica-Cartis, Daniel; L.I., Cadariu-Brailoiu, Liviu Ioan; A., Kilyeni, Annamaria	Easy-to-Read: Evolution and Perspectives—A Bibliometric Analysis of Research, 1978–2021	International Journal of Environmental Research and Public Health	20	4	10.3390/ijerph20043359	2023				2-s2.0-85148965701	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148965701&doi=10.3390%2Fijerph20043359&partnerID=40&md5=111a3909a01554bc9fe500a93fd77b33	SCOPUS

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1293	M.G., Hegheduș, M. G.; P., Negrea, Petru; T.I., Trasca, Teodor Ioan; D.S., Ștef, Ducu Sandu; I., Cocan, Ileana; R.C., Hegheduș-Mîndru, Ramona Cristina	Food Intake of Macro and Trace Elements from Different Fresh Vegetables Taken from Timisoara Market, Romania—Chemometric Analysis of the Results	Foods	12	4	10.3390/foods12040749	2023				2-s2.0-85148899046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148899046&doi=10.3390%2Ffoods12040749&partnerID=40&md5=b8620f6c55cc83818d6e1930cef8c36b	SCOPUS
1294	M., Mostovei, Mihail; O., Solomon, Oleg; N., Chele, Nicolae; C., Sinescu, Cosmin; V.F., Duma, Virgil-Florin Florin; A., Mostovei, Andrei	Electromyographic Evaluation of Muscle Activity in Patients Rehabilitated with Full Arch Fixed Implant-Supported Protheses	Medicina (Lithuania)	59	2	10.3390/medicina59020299	2023				2-s2.0-85148857519	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148857519&doi=10.3390%2Fmedicina59020299&partnerID=40&md5=9d64e3e5d6b3337e20bb54da60915666	SCOPUS
1295	M., Gireadă, Mihăiță; D., Hulea, Dan; N., Muntean, N.; O., Cornea, Octavian	A Common-Ground Bidirectional Hybrid Switched-Capacitor DC–DC Converter with a High Voltage Conversion Ratio	Energies	16	3	10.3390/en16031337	2023				2-s2.0-85147923723	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147923723&doi=10.3390%2Fen16031337&partnerID=40&md5=a11806135fb2653318ab7c37b17bd23e	SCOPUS
1296	C.D., Dumitru, Cristian Dragos; A., Gligor, Adrian; I., Vlasiu, Ilie; A., Simo, Attila; S., Dzitac, Simona	Energy Contour Forecasting Optimization with Smart Metering in Distribution Power Networks	Sensors	23	3	10.3390/s23031490	2023				2-s2.0-85147894997	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147894997&doi=10.3390%2Fs23031490&partnerID=40&md5=070d0747e5c4667dafd880706e21d76a	SCOPUS
1297	C., Koch, Claudia; D.M., Dreava, Diana Maria; A., Todea, Anamaria; F., Peter, Francisc; M.A., Medeleanu, Mihai A.; I., Păușescu, Iulia; C., Samoila, Corina; I.O., Sirbu, Ioan Ovidiu	Synthesis, Characterization, and Antiproliferative Properties of New Bio-Inspired Xanthylum Derivatives	Molecules	28	3	10.3390/molecules28031102	2023				2-s2.0-85147892446	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147892446&doi=10.3390%2Fmolecules28031102&partnerID=40&md5=c5f0ef8008e83123c9b1e6d6a8c1b889	SCOPUS
1298	B.I., Sighencea, Bogdan Ilie; R.R., Stanciu, Rares Rareș; C.D., Căleanu, Cătălin Daniel	D-STGCN: Dynamic Pedestrian Trajectory Prediction Using Spatio-Temporal Graph Convolutional Networks	Electronics (Switzerland)	12	3	10.3390/electronics12030611	2023				2-s2.0-85147888910	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147888910&doi=10.3390%2Felectronics12030611&partnerID=40&md5=9cefla8e06a192e9c79d35d42b713d4f	SCOPUS
1299	A., Popa, Adriana; L., Coșeci, Laura; L., Lupa, Lavinia; A., Pop, Aniela; A., Visa, Aurelia	β-Phosphonated Glycine Pendant Groups Grafted on Styrene-6,7% Divinylbenzene Copolymers: Synthesis and Their Application as Photocatalysts	Applied Sciences (Switzerland)	13	3	10.3390/app13032025	2023				2-s2.0-85147881324	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147881324&doi=10.3390%2Fapp13032025&partnerID=40&md5=38f1aa8201b750c627a97f55ce67f19f	SCOPUS

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1300	G.N., Popa, Gabriel Nicolae; C.M., Diniș, Corina Maria; A., Iagar, Angela	Investigations on Three-Section Plate-Type Electrostatic Precipitators Used in Thermoelectric Power Plants	Energies	16	3	10.3390/en16031186	2023				2-s2.0-85147853176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147853176&doi=10.3390%2Fen16031186&partnerID=40&md5=a3caf006f349a9f7818141e70a8477ab	SCOPUS
1301	V., Gherheș, Vasile; M., Cernicova-Buca, Mariana; M.A., Fărcașiu, Marcela Alina	Public Engagement with Romanian Government Social Media Accounts during the COVID-19 Pandemic	International Journal of Environmental Research and Public Health	20	3	10.3390/ijerph20032372	2023				2-s2.0-85147819064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147819064&doi=10.3390%2Fijerph20032372&partnerID=40&md5=1fe37f9c61707c0c0ec4ed9acb3673b2	SCOPUS
1302	I., Bîtcă, Ioan; A., Petrovici, Andreea; A., Pellis, Alessandro; S., Klébert, Szilvia; Z., Károly, Zoltán; L., Bereczki, Laura; F., Peter, Francisc; A., Todea, Anamaria	Enzymatic route for selective glycerol oxidation using covalently immobilized laccases	Enzyme and Microbial Technology	163		10.1016/j.enzmiete.2022.110168	2023				2-s2.0-85144078430	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144078430&doi=10.1016%2Fj.enzmiete.2022.110168&partnerID=40&md5=ed64aacc0ab7513ab98415fc08223601	SCOPUS
1303	A., Trușculescu, Adriana; A., Versavia, Ancușă; B., Laura, Broască; M., Diana, Manolescu; P., Camelia, Pescaru; C.I., Oancea, Cristian Iulian	Interstitial lung diseases computer-aided imaging diagnosis, using complex networks; Diagnosticul imagistic ajutat de computer al pneumopatiilor interstițiale difuze, folosind rețele complexe	Pneumologia	72	1	10.2478/pneum-2024-0008	2023	48	58	11	2-s2.0-85196102523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196102523&doi=10.2478%2Fpneum-2024-0008&partnerID=40&md5=c7dc79f7224192b0cc12418442c71f9b	SCOPUS
1304	Q., Hao, Qiaohong; Q., Zhao, Qi; M., Sbert, Mateu; Q., Feng, Qinghe; C., Ancușă, Cosmin; M., Feixas, Miquel; M., Vila, Màrius; J., Zhang, Jiawan	Information-Theoretic Channel for Multi-exposure Image Fusion	Computer Journal	66	1	10.1093/comjnl/bxab148	2023	114	127	14	2-s2.0-85192685457	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192685457&doi=10.1093%2Fcomjnl%2Fbxab148&partnerID=40&md5=f8312c01cd92c7f84a89f38f5791f76	SCOPUS
1305	M., Nicolaescu, Mircea; C., Codrean, Cosmin; C., Orha, Corina; C.E., Bandas Ratiu, C. Elena	Synthesis and Characterization of Three-Dimensional Nanoporous Copper Oxide Materials via Dealloying and Thermal Oxidation of Amorphous Ribbons †	Engineering Proceedings	48	1	10.3390/CSAC2023-15171	2023				2-s2.0-85186447129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186447129&doi=10.3390%2FCSAC2023-15171&partnerID=40&md5=f8f4097ab6b7ec0bbdbf627b7a6d4861	SCOPUS

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1306	S., Mischie, Septimiu; I.A., Munteanu, Ionela Alina	Using Ultrawideband Technology to Control a Car to Reach Its Destination †	Engineering Proceedings	56	1	10.3390/ASEC2023-16331	2023				2-s2.0-85186433450	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186433450&doi=10.3390%2FASEC2023-16331&partnerID=40&md5=2786f4972d7a0532d302bd6158221243	SCOPUS
1307	C.P., Wickramarachchi, Charuni P.; I.I., Popescu, I. I.; A., Jonoski, Andreja; J.W., Wenninger, Jochen W.	USE OF GLOBALLY AVAILABLE DATA FOR DETERMINING WATER LEVEL VARIATION IN LAKES: THE CASE STUDY OF LAKE TURKANA, KENYA	Geo-Eco-Marina	29		10.5281/zenodo.10376148	2023	169	186	18	2-s2.0-85185971523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185971523&doi=10.5281%2Fzenodo.10376148&partnerID=40&md5=ef82e857f27e34959316a3a816d69fbd	SCOPUS
1308	A.H., Haleem, Ali Hubi; N.S., Radhi, Nabaa Sattar; N.T., Jaber, Nada Talib	A STUDY ON STAINLESS STEEL 316L UTILIZING SINGLE-STEP ANODIZATION AND A DC SPUTTERING PLASMA OF SILVER COATING TO IMPROVE CORROSION RESISTANCE	Academic Journal of Manufacturing Engineering	21	4		2023	5	14	10	2-s2.0-85185174259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185174259&partnerID=40&md5=f2ecc20becad8605100ffab2fc668b8	SCOPUS
1309	Y., Sayyari, Yamin; H., Barsam, Hasan; L., Ciurdariu, Loredana	A NEW REFINEMENT OF JENSEN–TYPE INEQUALITY WITH RESPECT TO UNIFORMLY CONVEX FUNCTIONS WITH APPLICATIONS IN INFORMATION THEORY	Journal of Mathematical Inequalities	17	4	10.7153/jmi-2023-17-85	2023	1311	1322	12	2-s2.0-85185151587	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185151587&doi=10.7153%2Fjmi-2023-17-85&partnerID=40&md5=779eb886815d933f3ec59b11f42ecbd6	SCOPUS
1310	R., Ardelean, Radu; A., Popa, Adriana; E.S., Dragan, Ecaterina Stela; C.M., Davidescu, Corneliu Mircea	Removal of Aromatic Amino-derivatives from Aqueous Solutions Using Polymeric Supports Functionalized with Aminophosphonated/aminoacid-phosphonated Groups	Materiale Plastice	60	4	10.37358/MP.23.4.5685	2023	44	53	10	2-s2.0-85183200080	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183200080&doi=10.37358%2FMP.23.4.5685&partnerID=40&md5=b41a7e80b6b574240a89e33e27a37738	SCOPUS
1311	L.M., Pălăgeșiu, Lucia Maria	ALTERNATIVE CHURCHES From Desacralization to Adaptive-Reuse; BISERICI ALTERNATIVE De la desacralizare la refuncționalizare	Argument (Romania)	2023	15	10.54508/Argument.15.04	2023	61	76	16	2-s2.0-85178371871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178371871&doi=10.54508%2FArgument.15.04&partnerID=40&md5=98c6c320b30b155de72f01c7509aeb3b	SCOPUS
1312	C., Bulei, Ciprian; I., Kiss, Imre; M., Todor, Mihai–Paul	The Chemical Composition of Post-Consumer Aluminium Scrap – A Challenge in Aluminium Recycling	Acta Polytechnica Hungarica	20	9	10.12700/APH.20.9.2023.9.4	2023	63	76	14	2-s2.0-85177567451	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177567451&doi=10.12700%2FAPH.20.9.2023.9.4&partnerID=40&md5=8c57509d36ce235f27b462418a2f14ab	SCOPUS

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1313	D.V., Gubencu, Dinu Valentin	Experimental Investigation for the Prediction of Surface Roughness Height Parameters in Abrasive Water Jet Cutting of Kevlar/epoxy Composites	Materiale Plastice	60	3	10.37358/MP.23.3.5679	2023	94	105	12	2-s2.0-85177069968	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177069968&doi=10.37358%2FMP.23.3.5679&partnerID=40&md5=62a44f051dc32d8fb258734f50825996	SCOPUS
1314	A., Simo, Attila; S., Dzijac, Simona; A., Duțu, Amalia; I., Pandelică, Ionut	Smart Agriculture in the Digital Age: A Comprehensive IoT-Driven Greenhouse Monitoring System	International Journal of Computers, Communications and Control	18	6	10.15837/ijccc.2023.6.6147	2023				2-s2.0-85175569376	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175569376&doi=10.15837%2Fijccc.2023.6.6147&partnerID=40&md5=b0819e76f78dda3d35e2259b61ccb551	SCOPUS
1315	L., Czechowski, Leszek; M., Kotelko, Maria; J., Jankowski, Jacek; V., Ungureanu, Viorel; A., Sánduly, Annabella	Strength analysis of eccentrically loaded thin-walled steel lipped C-profile columns; Analiza noșności mimośrodowo obciążonego stalowego słupa o przekroju ceowym	Archives of Civil Engineering	69	3	10.24425/ace.2023.146082	2023	301	316	16	2-s2.0-85175343880	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175343880&doi=10.24425%2Face.2023.146082&partnerID=40&md5=b2c943b069ef2b5ac24a4031339bbe92	SCOPUS
1316	G.G., Duca, Gheorghe G.; S.O., Travin, S. O.; I.I., Zinicovscaia, Inga Ivanovna; R.E., Precup, Radu Emil	Approach to Evaluate the Data of Moss Biomonitoring Studies: Preprocessing and Preliminary Ranking	Romanian Journal of Information Science and Technology	26		10.59277/ROMJIST.2023.3-4.02	2023	276	288	13	2-s2.0-85175231749	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175231749&doi=10.59277%2FROMJIST.2023.3-4.02&partnerID=40&md5=b7ecd540641e983c00e3256152d595d7	SCOPUS
1317	G.D., Dima, George Daniel; O.T., Șerboiu, Oana Tabita; M.L., Dan, Mircea Laurențiu; L.V., Costea, Liviu Virgil	VALERIAN EXTRACT USED AS POTENTIAL CORROSION INHIBITOR FOR CARBON STEEL IN DIFFERENT MEDIA	Studia Universitatis Babes-Bolyai Chemia	2023	3	10.24193/subbchem.2023.3.06	2023	99	114	16	2-s2.0-85172908484	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172908484&doi=10.24193%2Fsubbchem.2023.3.06&partnerID=40&md5=a2a6f0e338b21060768b3a245a900e2	SCOPUS
1318	A., Ene, Anna; A., Stratan, Aurel	Monotonic and Cyclic Modelling of Structural Steel for Finite Element Analysis	Key Engineering Materials	953		10.4028/p-PgRg9J	2023	21	29	9	2-s2.0-85170392563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170392563&doi=10.4028%2Fp-PgRg9J&partnerID=40&md5=9fbc3c3f88524e70a9bc5fac159b5a7d	SCOPUS

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1319	A., Ene, Anna; I., Both, Ioan; O., Abrudan, Ovidiu; A., Stratan, Aurel; H.F., Dașcău, Horia Florin; N.A., Sîrbu, Nicușor Alin	Experimental Investigation of Monotonic and Cyclic Behaviour of High-Performance Steels	Key Engineering Materials	953		10.4028/p-K0XkeD	2023	13	20	8	2-s2.0-85170366868	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170366868&doi=10.4028%2Fp-K0XkeD&partnerID=40&md5=f9e5cb6196457792c81fa9b8a4dacd41	SCOPUS
1320	B., Cornelia, Baeră; A., Gruin, Aurelian; B., Bolborea, Bogdan; I.A., Perianu, Ion Aurel; V., Luiza, Varga	Analysis of Mechanical Performance of Cementitious Materials with Spent Garnets as Fine Grain Aggregate Partial Replacement	Key Engineering Materials	953		10.4028/p-dng6B8	2023	127	139	13	2-s2.0-85170358602	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170358602&doi=10.4028%2Fp-dng6B8&partnerID=40&md5=31a421eac346c1c49156d7177bee87da	SCOPUS
1321	C.G., Vaszilesin, Cristian George; M.V., Putz, Mihai Viorel; M.L., Dan, Mircea Laurențiu; M.A., Medeleanu, Mihai A.	MYRICETIN AS CORROSION INHIBITOR FOR METALS IN ALCOHOLIC SOLUTIONS	Studia Universitatis Babes-Bolyai Chemia	2023	2	10.24193/subbchem.2023.2.02	2023	23	36	14	2-s2.0-85168692819	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168692819&doi=10.24193%2Fsubbchem.2023.2.02&partnerID=40&md5=d599c4e6a34548e1802cfa6885568e4b	SCOPUS
1322	G., Moza, Gheorghe; L.F., Vesa, Loredana Flavia	Analysis of interactions between human immune system and a pathogenic virus	Carpathian Journal of Mathematics	39	2	10.37193/CJM.2023.02.06	2023	411	422	12	2-s2.0-85168577995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168577995&doi=10.37193%2FCJM.2023.02.06&partnerID=40&md5=f62f68ccccc13a21fdffa8692a7fade	SCOPUS
1323	D., Popov, Dušan	NEW CONTRIBUTIONS ON THE COHERENT STATES OF THE MEIXNER OSCILLATOR	Romanian Reports in Physics	75	2		2023				2-s2.0-85162757773	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162757773&partnerID=40&md5=f95fcddd937e1089765a407d9e573453	SCOPUS
1324	V., Tigariiev, Volodymyr; O., Lopakov, Oleksii; O.V., Rybak, Olga V.; V., Kosmachevskiy, Volodymyr; V.G.G., Cioată, Vasile George George	Design in Modern Information Systems by Applying Cloud Technologies	Journal of Engineering Sciences (Ukraine)	10	1	10.21272/jes.2023.10(1).e2	2023				2-s2.0-85161384336	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161384336&doi=10.21272%2Fjes.2023.10%281%29.e2&partnerID=40&md5=bee5b1b0d7441793206c1352101fd90b	SCOPUS

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1325	C.R., Pozna, Claudiu Radu; R.E., Precup, Radu Emil	On the Use of Quaternions, in the Translated Reference Frame Formalism	Acta Polytechnica Hungarica	20	6	10.12700/APH.20.6.2023.6.11	2023	195	214	20	2-s2.0-85160246015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160246015&doi=10.12700%2FAPH.20.6.2023.6.11&partnerID=40&md5=2ea3cfbaeb9ef03dabac8234c0378e4b	SCOPUS
1326	S., Izvoreanu, Stefan; A.E., Cioabla, Adrian Eugen; T.B., Bacos, Timotei Bogdan; A.T., Borborean, Andrei Tiberiu; S.B., Genic, Sbrislav B.; D.V., Lelea, Dorin V.; F.R., Popescu, Francisc R.; M.S., Trumic, Maja S.	EXPERIMENTAL APPROACH FOR CATALYTIC COMBUSTION OF BIOGAS Preliminary Research	Thermal Science	27	2	10.2298/TSCI220716182I	2023	1383	1392	10	2-s2.0-85159763276	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159763276&doi=10.2298%2FTSCI220716182I&partnerID=40&md5=f82e7b23010c6d5acaec4564ecb8cf7f	SCOPUS
1327	C.A., Popa, Călin Adrian	Neutral-type, leakage, and mixed delays in fractional-order neural networks: asymptotic synchronization analysis	AIMS Mathematics	8	7	10.3934/math.2023815	2023	15969	15992	24	2-s2.0-85159145452	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159145452&doi=10.3934%2Fmath.2023815&partnerID=40&md5=0aa1ba0402d53c6546b3550d9219ee4c	SCOPUS
1328	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; M.E., Radulescu-Grad, Maria Elena; S., Boran, Sorina	Powdered adsorbent obtained from bathurst burr biomass for methylene blue removal from aqueous solutions; ПРАШКАСТИ АДСОРБЕНТ ДОБИЈЕН ИЗ БИОМАСЕ Xanthium spinosum ЗА УКЛАЊАЊЕ МЕТИЛЕНСКОГ ПЛАВОГ ИЗ ВОДЕНИХ РАСТВОРА	Journal of the Serbian Chemical Society	88	3	10.2298/JSC220316039M	2023	327	341	15	2-s2.0-85153949681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153949681&doi=10.2298%2FJSC220316039M&partnerID=40&md5=a252752966fd997e0103783b3f521758	SCOPUS
1329	S.G., Șerban, Sorina Gabriela; L.M., Strugariu, Laura Maria; S., Jitian, Simion	The influence of solvents on the appearance of the absorption bands of the polystyrene films deposited from solutions on metal mirrors	Optica Applicata	53	1	10.37190/OA230101	2023	5	19	15	2-s2.0-85153874704	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153874704&doi=10.37190%2FOA230101&partnerID=40&md5=8ccd89bd60348643f05003fd7e5e5912	SCOPUS
1330	D., Jakab, Dominiq; I., Marginean, Ioan; D., Dubină, Dan	ROBUSTNESS CAPACITY OF MULTISTOREY STEEL STRUCTURES IN CASE OF FIRE AFTER EARTHQUAKE EVENTS	Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science	24	1	10.59277/praser.a.24.1.09	2023	73	80	8	2-s2.0-85152906770	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152906770&doi=10.59277%2Fpraser.a.24.1.09&partnerID=40&md5=604125726a195471bcfe0525f48d7566	SCOPUS
1331	A., Formisano, Antonio; N., Chieffo, Nicola; F., Fabbrocino, Francesco	Geological Hazard Effects on the Seismic Vulnerability and Damage Assessment of the Municipality of Romagnano Al Monte (Italy)	Masonry International	34	3		2023	51	58	8	2-s2.0-85152899839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152899839&partnerID=40&md5=19956b695bac5c4a624c91f1ed31fd97	SCOPUS

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1332	N.G., Hădărugă, Nicoleta Gabriela; G., Popescu, Gabriela; D.P., Gligor, Dina Pane; C.L., Mitroi, Cristina L.; S.M., Stanciu, Sorin Mihai; D.I., Hădărugă, Daniel Ioan	Discrimination of β -cyclodextrin/hazelnut (Corylus avellana L.) oil/flavonoid glycoside and flavonolignan ternary complexes by Fourier-transform infrared spectroscopy coupled with principal component analysis	Beilstein Journal of Organic Chemistry	19		10.3762/bjoc.19.30	2023	380	398	19	2-s2.0-85152895163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152895163&doi=10.3762%2Fbjoc.19.30&partnerID=40&md5=75bb9d9927a3ce14d1022d9b93e01096	SCOPUS
1333	I.A., Udrea, Ioan Alexandru; V.L., Ordodi, Valentin Laurentiu; C., Paul, Cristina; C., Stăneșe, Cristian; N., Vaszilesin, N.	EFFECTS OF PULSED ELECTRIC FIELD ON THE ESTERIFICATION REACTIONS	Studia Universitatis Babes-Bolyai Chemia	2023	1	10.24193/subbchem.2023.1.04	2023	49	58	10	2-s2.0-85152785978	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152785978&doi=10.24193%2Fsubbchem.2023.1.04&partnerID=40&md5=b1adeb54fc98b400c8fc9557d9b94d7	SCOPUS
1334	G.E., Moșoarcă, Giannin Emanuel; C., Vancea, Cosmin; S., Popa, S.; S., Boran, Sorina; P., Negrea, Petru; M.E., Radulescu-Grad, Maria Elena	STUDIES REGARDING COPPER IONS REMOVAL FROM WASTEWATERS USING OAK WOOD ASH AND THE EFFECT OF EXHAUSTED ASH AS SOIL AMENDMENT	Studia Universitatis Babes-Bolyai Chemia	2023	1	10.24193/subbchem.2023.1.14	2023	193	209	17	2-s2.0-85152695643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152695643&doi=10.24193%2Fsubbchem.2023.1.14&partnerID=40&md5=4a21fb4b61ba317b746f256db3691a72	SCOPUS
1335	M.G., Ivanovici, Mădălina Gabriela; A.E., Cioabla, Adrian Eugen; G.A., Dumitrel, Gabriela Alina; A.M., Pană, Ana Maria; L.V., Ordodi, Laurențiu Valentin	EXPERIMENTAL LAB-SCALE BIOGAS PRODUCTION BY ANAEROBIC CO-DIGESTION OF AGRICULTURAL RESIDUES AND BREWERY WASTEWATER	Studia Universitatis Babes-Bolyai Chemia	2023	1	10.24193/subbchem.2023.1.17	2023	239	250	12	2-s2.0-85152647316	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152647316&doi=10.24193%2Fsubbchem.2023.1.17&partnerID=40&md5=5c757196eb47d8173d2eba3d9712d253	SCOPUS
1336	I., Dimcea, Iasmina; D.C., Cozmiuc, Diana Claudia; D., Botez, Daniel; D., Darvasi, Doina; M., Untaru, Mircea; R., Wagner, Ralf; A.M., Țîțu, Aurel Mihail	Digital solutions for bespoke apparel achieving mass customization in as service business models; Soluții digitale pentru îmbrăcăminte la comandă care realizează personalizarea în masă în modele de afaceri ca serviciu	Industria Textila	74	1	10.35530/IT.074.01.202281	2023	107	120	14	2-s2.0-85152284474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152284474&doi=10.35530%2FIT.074.01.202281&partnerID=40&md5=3acae4d405e3a66f1a313f907b2d6532	SCOPUS
1337	S.M., Abramov, Sergei M.; S.O., Travin, S. O.; G.G., Duca, Gheorghe G.; R.E., Precup, Radu Emil	New Opportunities Model for Monitoring, Analyzing and Forecasting the Official Statistics on Coronavirus Disease Pandemic	Romanian Journal of Information Science and Technology	26	1		2023	49	64	16	2-s2.0-85152250408	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152250408&partnerID=40&md5=874f6375c2ac06155e9025b7fc230c	SCOPUS

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1338	R.C., Roman, Raul Cristian; R.E., Precup, Radu Emil; E.M., Petriu, Emil M.; M., Muntyan, Mihai	Fictitious Reference Iterative Tuning of Discrete-Time Model-Free Control for Tower Crane Systems	Studies in Informatics and Control	32	1	10.24846/V32I1Y202301	2023	5	14	10	2-s2.0-85151009995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151009995&doi=10.24846%2FV32I1Y202301&partnerID=40&md5=5cfa7e697849f32db1f43348ebabb66	SCOPUS
1339	M., Udrescu, Mihai; S.M., Ardelean, Sebastian Mihai; L., Udrescu, Lucreția	The curse and blessing of abundance—the evolution of drug interaction databases and their impact on drug network analysis	GigaScience	12		10.1093/gigascience/giad011	2023				2-s2.0-85149620198	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149620198&doi=10.1093%2Fgigascience%2Fgiad011&partnerID=40&md5=0de3ea322fb0d9ee9af268b3a8a77295	SCOPUS
1340	L., Hortoványi, Lilla; R.E., Morgan, Robert E.; I., Vuksanović Herceg, Iva; D., Djuricin, Dragan; R., Haňák, Róbert; D., Horváth, Dóra; M.L., Mocan, Marian Liviu; A., Romanová, Anita; R.Z., Szabó, Roland Zsolt	Assessment of digital maturity: the role of resources and capabilities in digital transformation in B2B firms	International Journal of Production Research	61	23	10.1080/00207543.2022.2164087	2023	8043	8061	19	2-s2.0-85148243693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148243693&doi=10.1080%2F00207543.2022.2164087&partnerID=40&md5=60d0fdce4499ce0f13222e112a351fa2	SCOPUS
1341	J., Khan, Jalal; S., Ullah, Sadiq; U., Ali, Usman; L., Matekovits, Ladislau; F.A., Tahir, Farooq Ahmad; M.I., Abbasi, Muhammad Inam	A 37 GHz Millimeter-Wave Antenna Array for 5G Communication Terminals	Computers, Materials and Continua	75	1	10.32604/cmc.2023.029879	2023	1317	1330	14	2-s2.0-85148000388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148000388&doi=10.32604%2Fcmc.2023.029879&partnerID=40&md5=c814166e397e3420513bf701751513b0	SCOPUS
1342	A.E., Moacă, Alina Elena; C.G., Watz, Claudia Geanina; A.C., Faur, Alexandra Corina; D.C., Lazăr, Daniela Cornelia; V.M., Socoliuc, Vlad Mircea; C., Păcurariu, Cornelia; R., Ianoș, Robert; I., Rus, Iulia; D.I., Minda, Daliana Ionela; L., Barbu-Tudoran, Lucian	Biologic Impact of Green Synthetized Magnetic Iron Oxide Nanoparticles on Two Different Lung Tumorigenic Monolayers and a 3D Normal Bronchial Model—EpiAirwayTM Microtissue	Pharmaceutics	15	1	10.3390/pharmaceutics15010002	2023				2-s2.0-85146819415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146819415&doi=10.3390%2Fpharmaceutics15010002&partnerID=40&md5=b94f7219e074ce632d519c57a9a13e11	SCOPUS
1343	A.A., Vencel, Aleksandar A.; P., Svoboda, Petr; S., Klančnik, Simon; A., But, Adrian; M.D., Vorkapić, Miloš D.; M., Harničárová, Marta; B.Ž., Stojanović, Blaža Ž.	Influence of Al2O3 Nanoparticles Addition in ZA-27 Alloy-Based Nanocomposites and Soft Computing Prediction	Lubricants	11	1	10.3390/lubricants11010024	2023				2-s2.0-85146793938	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146793938&doi=10.3390%2Flubricants11010024&partnerID=40&md5=60b2ed4d560c4ea4f0b88b497b9e3963	SCOPUS

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1344	C.A., Popa, Călin Adrian	Neutral-Type and Mixed Delays in Fractional-Order Neural Networks: Asymptotic Stability Analysis	Fractal and Fractional	7	1	10.3390/fractalfrac17010036	2023				2-s2.0-85146743076	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146743076&doi=10.3390%2Ffractalfrac17010036&partnerID=40&md5=0d04d9bda3ac75efd38e34479b62f641	SCOPUS
1345	L., Ciurdariu, Loredana; E., Grecu, Eugenia	Post-Quantum Integral Inequalities for Three-Times (p,q)-Differentiable Functions	Symmetry	15	1	10.3390/sym15010246	2023				2-s2.0-85146736942	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146736942&doi=10.3390%2Fsym15010246&partnerID=40&md5=324782ab6bfb4baabfa893b6838106a	SCOPUS
1346	A.A., Cristian, Antonio Andrei; V., Ungureanu, Viorel	Parametric Study on Built-Up Cold-Formed Steel Beams with Web Openings Connected by Spot Welding	Buildings	13	1	10.3390/buildings13010237	2023				2-s2.0-85146706224	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146706224&doi=10.3390%2Fbuildings13010237&partnerID=40&md5=2027ce65ac5d28534e612ad1c5b95190	SCOPUS
1347	A.I.G., Petrehele, Anda Ioana Gratiela; N.M., Duțeanu, Narcis Mihai; C.M., Morgovan, Claudia Mona; S.M., Filip, Sanda Monica; S., Ciocan, Stefania; E., Marian, Eleonora	Synthesis and Characterisation of Monolacunary Keggin Monovanado-decatungstophosphate and Its Complexes with Transition Metal Cations	Materials	16	2	10.3390/ma16020827	2023				2-s2.0-85146588126	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146588126&doi=10.3390%2Fma16020827&partnerID=40&md5=9b9859b967aa616e1e135b6ae5fad645	SCOPUS
1348	M., Raza, Mohsin; R., Khalid, Rimsha; L., Ivascu, Larisa; J., Kasuma, Jati	Education Beats at the Heart of the Sustainability in Thailand: The Role of Institutional Awareness, Image, Experience, and Student Volunteer Behavior	Sustainability (Switzerland)	15	2	10.3390/su15020918	2023				2-s2.0-85146556948	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146556948&doi=10.3390%2Fsu15020918&partnerID=40&md5=fc70bcc6beb39f391bb4837df27b1df6	SCOPUS
1349	C., Barbulescu, Corneliu; D.V., Căiman, Dadiana Valeria; S., Nanu, Sorin; T.L., Dragomir, Toma Leonida	Implementation of Parameter Observer for Capacitors	Sensors	23	2	10.3390/s23020948	2023				2-s2.0-85146497862	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146497862&doi=10.3390%2Fs23020948&partnerID=40&md5=41ef3cf0329df91bbd2dc7292ce2157e	SCOPUS
1350	W.U., Hassan Shah, Wasi Ul; R., Yasmeen, Rizwana; M., Sarfraz, Muddassar; L., Ivascu, Larisa	The Repercussions of Economic Growth, Industrialization, Foreign Direct Investment, and Technology on Municipal Solid Waste: Evidence from OECD Economies	Sustainability (Switzerland)	15	1	10.3390/su15010836	2023				2-s2.0-85145997247	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145997247&doi=10.3390%2Fsu15010836&partnerID=40&md5=1aef530744fcc2f6fd983af8a76c951	SCOPUS

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1351	B.I., Pascu, Bogdan Ioan; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; L.A., Bumm, Lloyd A.; O.A., Grad, Oana Alexandra; N.S., Nemeș, Nicoleta Sorina; C.G., Mihalcea, Catalina Gabriela; D.M., Duda-Seiman, Daniel Marius	Silver Nanoparticle Synthesis via Photochemical Reduction with Sodium Citrate	International Journal of Molecular Sciences	24	1	10.3390/ijms24010255	2023				2-s2.0-85145951324	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145951324&doi=10.3390%2Fijms24010255&partnerID=40&md5=809b9f9fb5eb64fb23664c418365a5b3	SCOPUS
1352	M.L., Negrut, Mircea Liviu; A., Muțiu, Adriana; A.A., Mihărtescu, Ana Andreea	Insights on the Performance of Public Procurement for Water Utilities Works	Sustainability (Switzerland)	15	1	10.3390/su15010155	2023				2-s2.0-85145937350	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145937350&doi=10.3390%2Fsu15010155&partnerID=40&md5=f3eda88d542a0c4ce2c2c8f01763a9c1	SCOPUS
1353	M., Pănoiu, Manuela; C., Pănoiu, Caius; S.S., Mezinescu, Sergiu S.	Modelling and Prediction of Reactive Power at Railway Stations Using Adaptive Neuro Fuzzy Inference Systems	Applied Sciences (Switzerland)	13	1	10.3390/app13010212	2023				2-s2.0-85145860131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145860131&doi=10.3390%2Fapp13010212&partnerID=40&md5=55eb9ca8d5377327b59aad7a215cbebf	SCOPUS
1354	L., Popa, Lucian; A.M., Berdich, Adriana Maria; B., Groza, Bogdan	CarTwin—Development of a Digital Twin for a Real-World In-Vehicle CAN Network	Applied Sciences (Switzerland)	13	1	10.3390/app13010445	2023				2-s2.0-85145829099	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145829099&doi=10.3390%2Fapp13010445&partnerID=40&md5=4bc68e65d89eea9475cf811859b74b62	SCOPUS
1355	A.I., Feier, Anamaria Ioana; I., Buta, Ioan; C.C., Florica, Cosmina Carmen; L.A., Blaga, Lucian A.	Optimization of Wire Arc Additive Manufacturing (WAAM) Process for the Production of Mechanical Components Using a CNC Machine	Materials	16	1	10.3390/ma16010017	2023				2-s2.0-85145666556	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145666556&doi=10.3390%2Fma16010017&partnerID=40&md5=9516c0e32c4e4151d569ad25e01864e3	SCOPUS
1356	L., Ivascu, Larisa; W., Ali, Waqas; R., Khalid, Rimsha; M., Raza, Mohsin	The Impact of Competitive Strategies on Performance of Banking Sector; The Mediating Role of Corporate Social Responsibility and Operational Excellence	Energies	16	1	10.3390/en16010297	2023				2-s2.0-85145651563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145651563&doi=10.3390%2Fen16010297&partnerID=40&md5=9de9080960048797c9d6592c444cd378	SCOPUS

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1357	C.A., Popa, Călin Adrian	Mittag–Leffler stability and synchronization of neutral-type fractional-order neural networks with leakage delay and mixed delays	Journal of the Franklin Institute	360	1	10.1016/j.jfranklin.2022.11.011	2023	327	355	29	2-s2.0-85142735095	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142735095&doi=10.1016%2Fj.jfranklin.2022.11.011&partnerID=40&md5=5f48785c537d4a08b8f9b2d2c6541822	SCOPUS
1358	I., Sarbu, Ioan; S., Popa-Albu, Simona	Optimization of urban water distribution networks using heuristic methods: an overview	Water International	48	1	10.1080/02508060.2022.2127611	2023	120	148	29	2-s2.0-85141370106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141370106&doi=10.1080%2F02508060.2022.2127611&partnerID=40&md5=8452debec5721a1ec6e9068fdcac7fb6	SCOPUS
1359	G., Taranu, George; V., Ungureanu, Viorel; Z., Nagy, Zsolt; S.M., Alexa-Stratulat, Sergiu Mihai; I.O., Toma, Ionuț Ovidiu; S.G., Luca, Septimiu George	Shake table test and numerical analyses of a thin-walled Cold-Formed Steel structure: Part 1 — Investigation of the structural skeleton without claddings	Thin-Walled Structures	182		10.1016/j.tws.2022.110258	2023				2-s2.0-85140974073	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140974073&doi=10.1016%2Fj.tws.2022.110258&partnerID=40&md5=9df51edd28015acf6a618cdc123cd764	SCOPUS
1360	D., Dubină, Dan; V., Ungureanu, Viorel	Local/distortional and overall interactive buckling of thin-walled cold-formed steel columns with open cross-section	Thin-Walled Structures	182		10.1016/j.tws.2022.110172	2023				2-s2.0-85139358485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139358485&doi=10.1016%2Fj.tws.2022.110172&partnerID=40&md5=61dcd60b0c53e10af8a95d8669af498b	SCOPUS
1361	M., Sarfraz, Muddassar; L., Ivascu, Larisa; A.E., Artene, Alin Emanuel; N., Bobițan, Nicolae; D., Dumitrescu, Diana; O., Bogdan, Oana; V., Burcă, Valentin	The relationship between firms' financial performance and performance measures of circular economy sustainability: an investigation of the G7 countries	Economic Research-Ekonomska Istrazivanja	36	1	10.1080/1331677X.2022.2101019	2023	2545	2572	28	2-s2.0-85135571351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135571351&doi=10.1080%2F1331677X.2022.2101019&partnerID=40&md5=549285e4ade7450d46a832c6d0375fb7	SCOPUS
1362	M., Brezovan, Marius; R.E., Precup, Radu Emil; D., Selișteanu, Dan; L.I., Stănescu, Liana Ionela	Colored Petri nets-based control and experimental validation on three-tank system level control	International Journal of General Systems	52	1	10.1080/03081079.2022.2086542	2023	1	47	47	2-s2.0-85132912497	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132912497&doi=10.1080%2F03081079.2022.2086542&partnerID=40&md5=dd1435b8a032ba0c4debe4e363489e3a	SCOPUS

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1363	R., Brighenti, Roberto; L., Marşavina, Liviu; M.P., Mărghițaș, Mihai Petru; M.P., Cosma, Mattia Pancrazio; M., Montanari, Matteo	Mechanical characterization of additively manufactured photopolymerized polymers	Mechanics of Advanced Materials and Structures	30	9	10.1080/15376494.2022.2045655	2023	1853	1864	12	2-s2.0-85126528528	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126528528&doi=10.1080%2F15376494.2022.2045655&partnerID=40&md5=f4f58a8f0e7453126610704f1fa75d59	SCOPUS
1364	R.E., Precup, Radu Emil; R.C., David, Radu Codruț; R.C., Roman, Raul Cristian; A.I., Szedlak-Stinean, Alexandra Iulia; E.M., Petriu, Emil M.	Optimal tuning of interval type-2 fuzzy controllers for nonlinear servo systems using Slime Mould Algorithm	International Journal of Systems Science	54	15	10.1080/00207721.2021.1927236	2023	2941	2956	16	2-s2.0-85108629223	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108629223&doi=10.1080%2F00207721.2021.1927236&partnerID=40&md5=6c791320f368d536cfa9558b97bedf9e	SCOPUS
1365	Q.U., Ain, Qurat Ul; Y., Jie, Yan; L., Ivascu, Larisa; S.G.M., Shah, Syed Ghulam Meran; T., Yousaf, Tahir	Whether rising tide has lifted all the boats? Effect of inter-governmental transfers on household income inequality in Pakistan	International Journal of Finance and Economics	28	1	10.1002/ijfe.2429	2023	430	447	18	2-s2.0-85099016612	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099016612&doi=10.1002%2Fijfe.2429&partnerID=40&md5=b63215f74b64919f7e2b789ec89f94a9	SCOPUS
1366	Saeed Fakhte;Ladislau Matekovits	Enhancing the Radiation Pattern of Circularly Polarized Dielectric Rod Antenna Using Planar Excitation Method	IEEE Access	11		10.1109/ACCESS.2023.3328959	2023	125109	125121	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10302276	IEEE
1367	Ioan Lucan Orășan;Adrian-Ioan Bublea;Cătălin Daniel Căleanu	Deep Learning-Based Eye Gaze Estimation for Automotive Applications Using Knowledge Distillation	IEEE Access	11		10.1109/ACCESS.2023.3325134	2023	120741	120753	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10287539	IEEE
1368	Andy Molin;Andrei Mario Riviș;Radu Marinescu	Assessing the Real Impact of Open-Source Components in Software Systems	IEEE Access	11		10.1109/ACCESS.2023.3322362	2023	111226	111237	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10272612	IEEE
1369	Ciprian Orhei;Radu Vasii	An Analysis of Extended and Dilated Filters in Sharpening Algorithms	IEEE Access	11		10.1109/ACCESS.2023.3301453	2023	81449	81465	17		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10201855	IEEE
1370	Efrat Levy;Asaf Shabtai;Bogdan Groza;Pal-Stefan Murvay;Yuval Elovici	CAN-LOC: Spoofing Detection and Physical Intrusion Localization on an In-Vehicle CAN Bus Based on Deep Features of Voltage Signals	IEEE Transactions on Information Forensics and Security	18		10.1109/TIFS.2023.3297444	2023	4800	4814	15		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10188890	IEEE
1371	Usman Ali;Sadiq Ullah;Abdul Basir;Babar Kamal;Ladislau Matekovits;Hyoungsuk Yoo	Design and SAR Analysis of AMC-Based Fabric Antenna for Body-Centric Communication	IEEE Access	11		10.1109/ACCESS.2023.3295993	2023	73894	73911	18		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10184312	IEEE
1372	Adriana Berdich;Bogdan Groza;René Mayrhofer	A Survey on Fingerprinting Technologies for Smartphones Based on Embedded Transducers	IEEE Internet of Things Journal	10	16	10.1109/JIOT.2023.3277883	2023	14646	14670	25		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10130072	IEEE
1373	Mohamed Amine Ouamri;Gordana Barb;Daljeet Singh;Abuzar B. M. Adam;M. S. A. Muthanna;Xingwang Li	Nonlinear Energy-Harvesting for D2D Networks Underlaying UAV With SWIPT Using MADQN	IEEE Communications Letters	27	7	10.1109/LCOMM.2023.3275989	2023	1804	1808	5		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10124205	IEEE
1374	Feifei Bu;Beijia Ma;Renhui Du;Tiankui Sun;Jianbo Chu;Qi Liu;Haihong Qin;Sorin Ioan Deaconu	Multiaverage Random Switching Frequency Space Vector Pulsewidth Modulation Strategy for High-Order Harmonics Dispersion	IEEE Journal of Emerging and Selected Topics in Power Electronics	11	4	10.1109/JESTPE.2023.3266491	2023	4010	4021	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10099456	IEEE

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1375	Christian-Daniel Curiaș;Mihai V. Micea	Identifying Hot Information Security Topics Using LDA and Multivariate Mann-Kendall Test	IEEE Access	11		10.1109/ACCESS.2023.3247588	2023	18374	18384	11		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10049568	IEEE
1376	Usman Ali;Sadiq Ullah;Babar Kamal;Ladislav Matekovits;Amir Altaf	Design, Analysis and Applications of Wearable Antennas: A Review	IEEE Access	11		10.1109/ACCESS.2023.3243292	2023	14458	14486	29		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10040636	IEEE
1377	Wei Xu;Kaiju Liao;Jian Ge;Ganghui Qu;Siwei Cheng;Anyong Wang;Ion Boldea	Improved Position Sensorless Control for PMLSM via an Active Disturbance Rejection Controller and an Adaptive Full-Order Observer	IEEE Transactions on Industry Applications	59	2	10.1109/TIA.2022.3230729	2023	1742	1753	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9994031	IEEE
1378	Vikrant Kaim;Neeta Singh;Binod Kumar Kanaujia;Ladislav Matekovits;Karu P. Esselle;Karumudi Rambabu	Multi-Channel Implantable Cubic Rectenna MIMO System With CP Diversity in Orthogonal Space for Enhanced Wireless Power Transfer in Biotelemetry	IEEE Transactions on Antennas and Propagation	71	1	10.1109/TAP.2022.3222695	2023	200	214	15		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9957087	IEEE
1379	Liviu – Danut Vitan;Adrian–Daniel Martin;Lucian Tutelaș;Ion Boldea;Ileana Torac;Nicolae Muntean	Supercapacitor City Minibus Bonded – NdFeB IPMSM Propulsion System: Design and System Modeling Methodology via a Case Study and Laboratory Experiments	IEEE Transactions on Industry Applications	59	2	10.1109/TIA.2022.3220500	2023	1405	1417	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9942336	IEEE
1380	Yi Liu;Yangsheng Zhang;Wei Xu;Maoxin Zhang;Wenwu Pan;Jose Rodriguez;Ion Boldea	Improved Efficiency Optimization Control for Brushless Doubly Fed Induction Generator–DC System by Regulating Stator Frequency	IEEE Transactions on Power Electronics	38	3	10.1109/TPEL.2022.3219279	2023	3624	3639	16		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9937156	IEEE
1381	Adriana Berdich;Bogdan Groza;René Mayrhofer;Efrat Levy;Asaf Shabtai;Yuval Elovici	Sweep-to-Unlock: Fingerprinting Smartphones Based on Loudspeaker Roll-Off Characteristics	IEEE Transactions on Mobile Computing	22	4	10.1109/TMC.2021.3119987	2023	2417	2434	18		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9573339	IEEE
1382	Anghel-Drugarin, Cornelia-Victoria; Mirea, Nicoleta; Banaduc, Gabriela; Lungu, Ionel; Landa, Bosco Lopez	NAVIGATING CRISES: TECHNOLOGY, COMMUNICATION, AND THEIR ROLES IN THE COVID-19 PANDEMIC AND TEACHER STRIKES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	909	918	10	WOS:001469721900003	View Full Record in Web of Science	ESCI
1383	Bibu, Nicolae; Lisetchi, Mihail; Mihaesu, Vlad; Solomon, Adrian	ENTREPRENEURSHIP EDUCATION AS A PILLAR OF THE SUSTAINABILITY OF CULTURAL AND CREATIVE INDUSTRIES. THE CASE OF THE TRACCE PROJECT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	935	942	8	WOS:001469721900006	View Full Record in Web of Science	ESCI
1384	Bogdea, Constantin Florin; Golosie, Grantian Daniel; Agache, Andrei; Samfirescu, Mircea	CONSIDERATIONS REGARDING INCREASING THE COMPETITIVENESS OF THE ADMINISTRATIVE-TERRITORIAL UNITS OF TIMIS COUNTY	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	943	952	10	WOS:001469721900007	View Full Record in Web of Science	ESCI
1385	Buciuman, Cella-Flavia; Negrut, Mircea; Pater, Liana	INTEGRATING ESCAPE ROOM GAMES IN TEACHING OPERATIONAL RESEARCH CONCEPTS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	961	970	10	WOS:001469721900009	View Full Record in Web of Science	ESCI
1386	Bujor, Andrei; Bujor, Constantin; Feier, Anamaria Ioana; Chivu, Oana Roxana; Tapirdea, Alin Ion; Marinescu, Marinea; Gheorghe, Marilena	EVOLUTION OF OCCUPATIONAL ACCIDENTS INDUCED BY RISKS IN TELECOMMUNICATIONS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	989	996	8	WOS:001469721900012	View Full Record in Web of Science	ESCI

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1387	Bulboaca, Costinel; Feier, Anamaria Ioana; Chivu, Oana Roxana; Tapirdea, Alin Ion; Enache, Ioana Catalina; Nitoi, Dan; Gheorghe, Marilena	NEW MEvAR RISKS EVALUATION METHODOLOGY IN CONSTRUCTION	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	997	1006	10	WOS:001469721900013	View Full Record in Web of Science	ESCI
1388	Bulboaca, Eugenia; Feier, Anamaria Ioana; Tapirdea, Alin Ion; Chivu, Oana Roxana; Enache, Ioana Catalina; Borda, Claudia; Butu, Larisa; Suciu, Oana	CONSIDERATIONS REGARDING THE USE OF THE MEvAR METHODOLOGY IN PROFESSIONAL ASSESSMENT IN THE FIELD OF DETERGENT PRODUCTION	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1007	1016	10	WOS:001469721900014	View Full Record in Web of Science	ESCI
1389	Cernescu, Lavinia Maria; Dungan, Luisa; Taucean, Ilie; Diaconescu, Andra; Potra, Sabina	INITIAL FACTORS' INFLUENCING THE ROMANIAN ACADEMIC SPIN-OFF'S LONG-TERM SURVIVAL	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1017	1026	10	WOS:001469721900015	View Full Record in Web of Science	ESCI
1390	Cisma, Timea; Ivascu, Larisa; Domil, Aura; Artene, Alin; Bogdan, Oana; Burca, Valentin	IS THE DIGITAL ECONOMY AND SOCIETY INDEX RELEVANT FOR THE ACADEMIC RESEARCH?	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1049	1056	8	WOS:001469721900018	View Full Record in Web of Science	ESCI
1391	Coroian, Alexandra; Cita, Roland; Dragan, Florin; Ivascu, Larisa; Pislaru, Marius	POSITIVE RISK BALANCE FOR AUTONOMOUS VEHICLES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1065	1078	14	WOS:001469721900020	View Full Record in Web of Science	ESCI
1392	Diaconescu, Andra Elena; Albulescu, Claudiu Tiberiu; Tamasila, Matei; Cernescu, Lavinia Maria	A CASE STUDY USING WEB TOOLS TO IMPROVE ENVIRONMENTAL MANAGEMENT INITIATIVES FOR MEDICAL WASTE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1089	1104	16	WOS:001469721900021	View Full Record in Web of Science	ESCI
1393	Draghici, Anca; Boatca, Maria Elena; Rada, Elena Cristina; Perniu, Dana; Bubik, Anja; Baera, Cornelia; Sirbu, Roxana Mihaela	EDUCATION FOR PLASTIC IN A CIRCULAR AND CLIMATE NEUTRAL ECONOMY-PREVENTING WASTE ENDING UP INTO THE ENVIRONMENT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1105	1114	10	WOS:001469721900022	View Full Record in Web of Science	ESCI
1394	Mihartescu, Ana-Andreea; Reckerth, Iris; Negrut, Mircea Liviu	HUMAN RESOURCE ASSESSMENT USING AN AFFORDABLE SOFTWARE TOOL	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1177	1182	6	WOS:001469721900030	View Full Record in Web of Science	ESCI
1395	Negrut, Mircea Liviu; Mutiu, Adriana	MULTI-ATTRIBUTE REVERSE AUCTIONS IN THE ROMANIAN PRIVATE SECTOR	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1193	1200	8	WOS:001469721900032	View Full Record in Web of Science	ESCI
1396	Olenici, Carina Oana; Pugna, Adrian	UNLOCKING EXCELLENCE: A COMPREHENSIVE SIX SIGMA STUDY ON PROCESS OPTIMIZATION AND PERFORMANCE IMPROVEMENT	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1201	1208	8	WOS:001469721900033	View Full Record in Web of Science	ESCI
1397	Palade, Marta; Ion, Marian; Draghici, Anca; Lungu, Ionel	THE ROLE OF ARTIFICIAL INTELLIGENCE IN SUPPORTING INTELLIGENCE DECISION	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1221	1228	8	WOS:001469721900035	View Full Record in Web of Science	ESCI

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1398	Rada, Elena Cristina; Draghici, Anca; Torretta, Vincenzo; Nasirov, Muhtor; Ragazzi, Marco	ADAPTATIVE GASIFICATION OF WASTE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1255	1262	8	WOS:001469721900039	View Full Record in Web of Science	ESCI
1399	Saptebani, Neta; Faget, Madalina; Mocan, Marian	THE MANAGEMENT AND STRATEGY OF ROMANIA'S ACCESSION TO THE SCHENGEN AREA THROUGH THE SECURITY OF STATE BORDERS AND THEIR EQUIPMENT WITH SCANNING DEVICES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1263	1274	12	WOS:001469721900040	View Full Record in Web of Science	ESCI
1400	Trifu, Alina; Feier, Anamaria Ioana; Tuca, Petrisor Laurentiu; Chivu, Roxana Oana	USING KNOWLEDGE ELICITATION FOR ENHANCING OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT PERFORMANCE IN A WELDING WORKSHOP	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1297	1304	8	WOS:001469721900043	View Full Record in Web of Science	ESCI
1401	Trusculescu, Laria-Maria; Gherhes, Vasile; Popovici, Ramona Amina; Dolidze, Tamari	VIRTUAL REALITY THERAPY: A PRIME EXAMPLE OF HOW CONTROLLED FAKE NEWS CAN SOMETIMES BE BENEFICIAL	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1305	1312	8	WOS:001469721900044	View Full Record in Web of Science	ESCI
1402	Voicu, Vladimir; Gaureanu, Alin; Neag, Nicoleta Paula; Draghici, Anca	MAXIMIZING THE USE OF TRACK POSSESSION: A CASE STUDY ON COORDINATED RAILWAY AND HIGHWAY MAINTENANCE WORKS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67			2024	1347	1352	6	WOS:001469721900048	View Full Record in Web of Science	ESCI
1403	Jurca, Laura; Vigar, Cosmina; Herisanu, Nicolae	Experimental Investigation on Acoustic Parameters in Speech Analysis for Patients Diagnosed with Laryngeal Disorders	ROMANIAN JOURNAL OF ACOUSTICS AND VIBRATION	21	2		2024	182	189	8	WOS:001454314300003	View Full Record in Web of Science	ESCI
1404	Bacos, Timotei Bogdan; Popa, Mihaela; Cioabla, Adrian Eugen; Vintila, Teodor; Ordodi, Laurentiu valentin	PRELIMINARY STUDIES CONCERNING THE USE OF POLIMER BASD MATERIALS FOR BIOGAS PRODUCTION AT SMALL SCALE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	4		2024	643	650	8	WOS:001442810000006	View Full Record in Web of Science	ESCI
1405	Mnerie, Dumitru; Boboescu, Remus; Mnerie, Gabriela-Victoria	CONSIDERATIONS ON SOME OPPORTUNITIES FOR OPTIMIZING NONCONVENTIONAL TECHNOLOGIES USING SUPERMATHEMATICS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	3		2024	383	392	10	WOS:001425211200001	View Full Record in Web of Science	ESCI
1406	Bulboac, Eugenia; Chivu, Oana Roxana; Gheorghe, Marilena; Nitoi, Dan; Feier, Anamaria Ioana	MEvAR- AN INNOVATIVE METHODOLOGY OF MANAGEMENT OF PROFESSIONAL ASSESSMENTS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	3		2024	469	478	10	WOS:001425211200010	View Full Record in Web of Science	ESCI
1407	Onescu, Iasmina	HERITAGE CONSERVATION THROUGH LEARNING. CASE-STUDY OF AN INTERNATIONAL MULTIDISCIPLINARY SUMMER SCHOOL	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	15	4	http://dx.doi.org/10.36868/JCS.2024.04.11	2024	1755	1778	24	WOS:001422405100011	View Full Record in Web of Science	ESCI
1408	Belega, Daniel; Gasparesc, Gabriel	Power system frequency and rate-of-change of frequency measurement under steady-state and dynamic conditions by means of electronic instruments	ACTA IMEKO	13	4	http://dx.doi.org/10.21014/actaimeko.v13i4.1784	2024	7	8	2	WOS:001411003900014	View Full Record in Web of Science	ESCI

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1409	Draghici, Anca; Bere-Semeredi, Iudit; Banaduc, Gabriela; Baera, Cornelia	AN INTEGRATIVE APPROACH FOR THE DEVELOPMENT OF ENVIRONMENTAL STRATEGY IN THE CLIMATE CHANGE CONTEXT. THE PERSPECTIVE OF LOCAL PUBLIC AUTHORITIES' ACTION	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	73	82	10	WOS:001411932400004	View Full Record in Web of Science	ESCI
1410	Gruin, Aurelian; Baera, Cornelia; Dan, Sorin; Bolborea, Bogdan; Vasile, Ana Cristina	STUDIES REGARDING THE USE OF POURED EARTH IN BUILDINGS	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	101	106	6	WOS:001411932400007	View Full Record in Web of Science	ESCI
1411	Banaduc, Gabriela; Baera, Cornelia; Draghici, Anca	URBAN PARADOX: AN ANALYTICAL PERSPECTIVE RETHINKING SUSTAINABLE LAND AREAS	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	272	282	11	WOS:001411932400026	View Full Record in Web of Science	ESCI
1412	Ilca, Marin-Vasile; Man, Teodor Eugen; Beilicci, Robert; Ienciu, Anisoara; Untaru, Daniela Cristina; Pasc, Mariana Antonia	MODERNIZATION/REHABILITATION OF THE SECONDARY DRAINAGE INFRASTRUCTURE BY REPOSITIONING EXISTING CHANNELS AND BY ASSIGNING THE DUAL ROLE OF DRAINAGE-IRRIGATION	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	293	304	12	WOS:001411932400028	View Full Record in Web of Science	ESCI
1413	Herban, Sorin; Vilceanu, Clara-Beatrice; Crisan, Andrei; Nistor-Iopatenco, Livia	ANALYSIS OF LANDSAT AND SENTINEL SATELLITE IMAGES FOR ROSIA POIENI QUARRY AND VALEA SESII DECONTAMINATION POND	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	805	812	8	WOS:001411932400033	View Full Record in Web of Science	ESCI
1414	Baera, Cornelia; Gruin, Aurelian; Vasile, Ana-Cristina; Bolborea, Bogdan; Ion, Alexandru; Banaduc, Gabriela	RECYCLING OF STEEL FURNACE SLAGS (SFS) BY EFFICIENT INTEGRATION IN CONSTRUCTION MATERIALS AS AGGREGATE PARTIAL REPLACEMENT	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	378	389	12	WOS:001411932900011	View Full Record in Web of Science	ESCI
1415	Untaru, Daniela-Cristina; Man, Teodor-Eugen; Beilicci, Robert; Visescu, Mircea; Beilicci, Erika; Pasc, Antonia-Mariana	ADVANCE HYDRAULIC MODELING FOR IRRIGATION SYSTEMS, CASE STUDY SPPI5 IRRIGATION PLOT HOTĂRANI- ROMANIA	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	646	654	9	WOS:001411932900043	View Full Record in Web of Science	ESCI
1416	Turi, Attila	Mitigating data inaccuracy and supply chain challenges in Western Romania's automotive industry	ACTA LOGISTICA	11	3	http://dx.doi.org/10.22306/aLv11i3.533	2024	473	483	11	WOS:001405595800005	View Full Record in Web of Science	ESCI
1417	Avram, Elena; Balla, Alexandra; Taucan, Ilie; Avasilcai, Silvia; Gall, George Victor; Bujor, Adriana	FROM BUSINESS TO DIGITAL BUSINESS ECOSYSTEMS: EXPLORING DIGITAL LANDSCAPE OF DYNAMIC CAPABILITIES	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	179	188	10	WOS:001398967500006	View Full Record in Web of Science	ESCI
1418	Banaduc, Gabriela; Balla, Alexandra; Biholar, Aurelia-Ioana; Draghici, Anca	A STUDY OF WELL-BEING IMPACT ON WORK EFFECTIVENESS	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	249	256	8	WOS:001398967500014	View Full Record in Web of Science	ESCI

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1419	Bogdea, Constantin Florin; Rozovlean, Delia; Ardelean, Mihai; Ivascu, Larisa; Pescari, Simon	ASPECTS OF SUSTAINABILITY ASSESSMENT IN PUBLIC ORGANIZATIONS: THE CASE OF EIGHT UNIVERSITIES IN EUROPE	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	257	266	10	WOS:001398967500015	View Full Record in Web of Science	ESCI
1420	Chincea, Rebecca; Potra, Sabina; Tamasila, Matei	MOTIVATING CORPORATE EMPLOYEES BY MEETING PSYCHOLOGICAL NEEDS IN A POST-CAVID ERA. A GROUNDED THEORY APPROACH	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	267	274	8	WOS:001398967500016	View Full Record in Web of Science	ESCI
1421	Costa, Mihai-Ioan; Boatca, Maria Elena; Lopez Landa, Bosco; Lungu, Ionel; Tamasila, Matei	CONCEPTION OF A FRAMEWORK FOR CONTINUOUS IMPROVEMENT OF STUDENT SERVICES BASED ON ANALYTIC HIERARCHY PROCESS MODEL	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	291	296	6	WOS:001398967500019	View Full Record in Web of Science	ESCI
1422	Farcean, Ioana; Prostean, Gabriela; Ardelean, Erika	MANAGEMENT OF MATERIAL FLOWS IN THE STEEL INDUSTRY. CASE STUDY: ELABORATION OF STEEL IN AN ELECTRIC ARC FURNACE	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	323	332	10	WOS:001398967500023	View Full Record in Web of Science	ESCI
1423	Gyalus, Deian; Dungan, Luisa Izabel; Bacos, Timotei Bogdan; Cioabl, Adrian Eugen; Popa, Mihaela	ACUSTIC COMFORT IN DIFFERENT THERMAL ENGINE VEHICLES CASE STUDY FOR CITY SPEED LIMIT SCENARIO	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	333	342	10	WOS:001398967500024	View Full Record in Web of Science	ESCI
1424	Suru, Silviu Nicusor; Vasar, Cristian; Prostean, Gabriela; Giuca, Olivia	METHODS AND TECHNIQUES FOR ENHANCING THE EDUCATION SYSTEM THROUGH THE USE OF NEURAL NETWORKS	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	359	368	10	WOS:001398967500027	View Full Record in Web of Science	ESCI
1425	Vlad, Ciprian-Sorin; Mircea, Iulia-Ioana; Rosca, Eugen; Ivascu, Larisa; Ardelean, Ben-Oni	THE ROLE OF ACCIDENT ANALYSIS IN ROAD SAFETY MANAGEMENT: CASE STUDY NEAMT COUNTY	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	369	376	8	WOS:001398967500028	View Full Record in Web of Science	ESCI
1426	Bacos, Timotei-Bogdan; Trif-tordai, Gavrila; Cioabla, Adrian Eugen; Lelea, Dorin	Preliminary study on temperature field distribution inside an anaerobic fermentation reactor for further co-firing testing in engine type application	INGINERIA AUTOMOBILULUI		73		2024	21	26	6	WOS:001379866400006	View Full Record in Web of Science	ESCI
1427	Stefan, Calin-Daniel; Marsavina, Liviu; Miu, Catalin Adrian	Fracture toughness of cancellous iliac bone	OPEN VETERINARY JOURNAL	14	11	http://dx.doi.org/10.5455/OVJ.2024.v14.i11.40	2024	3108	3112	5	WOS:001389332500015	View Full Record in Web of Science	ESCI
1428	Cioroaga, B. D.; Cioata, V. G.; Socalici, A. V.; Linul, E.; Hulka, I.; Anghel, I. M.	Optimization of Submerged Arc Welding through Voltage Variation to Achieve Superior Mechanical Properties Using P355N Base Material	JOURNAL OF ENGINEERING SCIENCES-UKRAINE	11	2	http://dx.doi.org/10.21272/jes.2024.11(2).c4	2024	C42	C56	15	WOS:001388468800006	View Full Record in Web of Science	ESCI
1429	Maialetti, Marco; Halbac-Cotoara-Zamfir, Rares; Vardopoulos, Ioannis; Salvati, Luca	Early Desertification Risk in Advanced Economies: Summarizing Past, Present and Future Trends in Italy	EARTH	5	4	http://dx.doi.org/10.3390/earth5040036	2024	690	706	17	WOS:001386949500001	View Full Record in Web of Science	ESCI
1430	Gherbes, Vasile; Farcasiu, Marcela Alina; Cernicova-Buca, Mariana	Are ChatGPT-Generated Headlines Better Attention Grabbers than Human-Authored Ones? An Assessment of Salient Features Driving Engagement with Online Media	JOURNALISM AND MEDIA	5	4	http://dx.doi.org/10.3390/journalmedia5040110	2024	1817	1835	19	WOS:001386828800001	View Full Record in Web of Science	ESCI

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1431	Ungureanu, Stefania; Ciocan, Veronica; Muresan, Camelia-Oana; Stan, Emanuela; Gavrilita, Georgiana-Denisa; Sirmon, Alexandra; Pop, Cristian; Enache, Alexandra	The Impact of the COVID-19 Pandemic on Fatal Road-Traffic Accidents: A Five-Year Study on Medicolegal Autopsies in Timis County, Romania	SAFETY	10	4	http://dx.doi.org/10.3390/safety10040086	2024			17	WOS:001386592200001	View Full Record in Web of Science	ESCI
1432	Tulcan, Aurel; Banciu, Felicia Veronica; Grozav, Ion	COST OPTIMISATION FOR ASSIGNED TOLERANCE TO A 2D DIMENSIONAL CHAIN USING GeoGebra SOFTWARE	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	709	716	8	WOS:001362561700027	View Full Record in Web of Science	ESCI
1433	Popescu, Cristian-Eusebiu; But, Adrian	THE INFLUENCE OF CUTTING MILLING PARAMETERS ON SURFACE ROUGHNESS FOR PRETREATED MOLD STEELS	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	745	752	8	WOS:001362561700032	View Full Record in Web of Science	ESCI
1434	But, Adrian; Popescu, Cristian-Eusebiu	OPTIMIZATION OF THE CNC PROCESSING FUNCTION OF REQUIREMENTS AND CAPABILITIES	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	753	760	8	WOS:001362561700029	View Full Record in Web of Science	ESCI
1435	Florica, Cosmina; Feier, Anamaria; Visescu, Mircea; Hernea, Silvia	A REVIEW OF THE SUSTAINABILITY CONCEPT IN MANUFACTURING ENGINEERING AND CIVIL ENGINEERING	ACTA TECHNICA NAPOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	2		2024	797	804	8	WOS:001362561700037	View Full Record in Web of Science	ESCI
1436	Tulcan, Elida-Gabriela; Sticlaru, Carmen; Oarcea, Alexandru; Sandu, Melania Olivia; Craciun, Narcis-Gratian; Lovasz, Erwin-Christian	Feasibility Study of the Seven-Bar Linkage 7-PR(RRR)RP Used for Medical Disinfection Robot	ROBOTICS	13	12	http://dx.doi.org/10.3390/robotics13120177	2024			24	WOS:001385630700001	View Full Record in Web of Science	ESCI
1437	Stefan, Calin; Moldovan, Cristian; Marsavina, Liviu; Hurmuz, Mihai; Stefan, Iuliana	A Case Report on a Fractured Ceramic Bearing Surface Following Total Hip Replacement and a Short Review on the Mechanisms of Liner Fracture	REPORTS	7	4	http://dx.doi.org/10.3390/reports7040117	2024			9	WOS:001384519900001	View Full Record in Web of Science	ESCI
1438	Lovasz, Erwin-Christian; Ciupe, Valentin; Demjen, Tivadar; Oarcea, Alexandru; Tulcan, Elida-Gabriela; Sandu, Melania-Olivia	Optimal Synthesis of Five-Bar Linkage Based on Singularity-Free Workspaces with Predefined Shapes	ROBOTICS	13	12	http://dx.doi.org/10.3390/robotics13120173	2024			15	WOS:001384554800001	View Full Record in Web of Science	ESCI
1439	Birtok Baneasa, Corneliu; Doru, Sapta; Socalici, Ana	CHARACTERIZATION OF SPARK PLUG ELEMENTS USED IN SPARK IGNITION ENGINES	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	86	4		2024	257	268	12	WOS:001380943500019	View Full Record in Web of Science	ESCI
1440	Halmaci, Ioana-Ancuta; Ionel, Ioana; Miutescu, Maria-Cristina; Grecu, Eugenia	Novel Specifications Regarding Biogas Production from Agriengineering Activities in Romania	AGRIENGINEERING	6	4	http://dx.doi.org/10.3390/agriengineering6040205	2024	3602	3617	16	WOS:001384060900001	View Full Record in Web of Science	ESCI
1441	Farcasiu, Marcela A.; Gherhes, Vasile; Stoian, Claudia E.; Dragomir, Gabriel-Mugurel	Similarities and Differences between Online and Face-to-Face Education: Students' Perspectives	REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA	16	4	http://dx.doi.org/10.18662/rrem/16.4/915	2024	256	293	38	WOS:001383053100011	View Full Record in Web of Science	ESCI
1442	Lucan (Banciu), Christine A.; Cugorean, Marius I.; Galan, Iulia M.; Ciobanu (Sibu), Alina; Pop (Mateut), Anamaria; Oprinescu, Claudia I.; Draghici, Laurentiu R.; Hadaruga, Daniel I.; Hadaruga, Nicoleta G.	State-of-the-art on the Dehydration and Drying of Cucurbita Species	BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA- FOOD SCIENCE AND TECHNOLOGY	81	2	http://dx.doi.org/10.15835/buasvmcn-fst:2024.0032	2024			14	WOS:001381250000001	View Full Record in Web of Science	ESCI

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1443	Farcasiu, Marcela Alina	BRIDGING CULTURES THROUGH SUBTITLING: A CASE STUDY OF SOUTHLAND AND ROMANIAN SUBTITLES	ENGLISH STUDIES AT NBU	10	2	http://dx.doi.org/10.33919/esnbu.24.2.8	2024	342	363	22	WOS:001379776600010	View Full Record in Web of Science	ESCI
1444	Rada, Maria; Alda, Simion; Velcirov, Ariana; Scedei, Daniela; Anghel, Iasmia Madalina; Dobrei, Alina; Nistor, Eleonara; Danci, Marcel	EVALUATION OF SOME ESSENTIAL ELEMENTS IN WALNUT KERNEL	SCIENTIFIC PAPERS-SERIES B-HORTICULTURE	68	1		2024	129	139	11	WOS:001368682800016	View Full Record in Web of Science	ESCI
1445	Popescu, Ionela-Denisa; Fekete-Nagy, A. -f.	Analysis of Plaster Solutions for the Rehabilitation of Historical Buildings	JOURNAL OF APPLIED ENGINEERING SCIENCES	14	2	http://dx.doi.org/10.2478/jaes-2024-0039	2024	316	321	6	WOS:001374977700019	View Full Record in Web of Science	ESCI
1446	Popa, Maria; Glevitzky, Mirel; Dumitrel, Gabriela-Alina; Popa, Dorin-Victor; Virsta, Ana	THE QUALITATIVE CHARACTERIZATION OF POLYFLORAL HONEY AND THE INFLUENCE OF THERMAL PROCESSING ON HYDROXYMETHYLFURFURAL CONTENT	SCIENTIFIC PAPERS-SERIES A-AGRONOMY	67	2		2024	585	590	6	WOS:001369756100077	View Full Record in Web of Science	ESCI
1447	Rogobete, Gheorghe; Grozav, Adia	ARID CLIMATE IMPROVEMENT IN THE LOW PLAIN ARANCA WITH FRUIT TREE AND FOREST SHELTER - BELTS	SCIENTIFIC PAPERS-SERIES A-AGRONOMY	67	2		2024	596	601	6	WOS:001369756100079	View Full Record in Web of Science	ESCI
1448	Sisu, Alina Maria; Stoicescu, Emil Robert; Bolintineanu, Sorin Lucian; Faur, Alexandra Corina; Iacob, Roxana; Ghenciu, Delius Mario; Danila, Alexandra-Ioana; Hategan, Ovidiu Alin	Blending Tradition and Innovation: Student Opinions on Modern Anatomy Education	EDUCATION SCIENCES	14	11	http://dx.doi.org/10.3390/educsci14111150	2024			17	WOS:001364408500001	View Full Record in Web of Science	ESCI
1449	Johansyah, Muhamad Deni; Sambas, Aceng; Vaidyanathan, Sundarapandian; Lazureanu, Cristian; Benkouider, Khaled; Mamat, Mustafa; Hidayanti, Monika; Aruna, Chittineni	Controlling the unpredictable: bifurcation and backstepping strategies in supply chain dynamics	JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE-JMCS	35	2	http://dx.doi.org/10.22436/jmcs.035.02.07	2024	229	240	12	WOS:001362064700004	View Full Record in Web of Science	ESCI
1450	Hategan, Simona Ioana; Belea, Alina-Luminita; Tanase, Alina Doina; Gavrilovici, Andrei-Mihai; Petrescu, Emanuela-Lidia; Marsavina, Liviu; Sinescu, Cosmin; Negrutiu, Meda-Lavinia; Manole, Marius-Ciprian	THE EVALUATION OF THE PROSTHETIC PREPARATIONS FINISH LINES FOR PROVISIONAL CROWNS WITH THE IMPACT ON PERIODONTAL HEALTH	ROMANIAN JOURNAL OF ORAL REHABILITATION	16	3	http://dx.doi.org/10.6261/RJOR.2024.3.16.47	2024	453	459	7	WOS:001359228700067	View Full Record in Web of Science	ESCI
1451	Herbei, Mihai Valentin; Badalua-Minda, Codruta; Popescu, Cosmin Alin; Horablaga, Adina; Dragomir, Lucian Octavian; Popescu, George; Kader, Shuraik; Sestras, Paul	Rainfall-runoff modeling based on HEC-HMS model: a case study in an area with increased groundwater discharge potential	FRONTIERS IN WATER	6		http://dx.doi.org/10.3389/frwa.2024.1474990	2024			17	WOS:001340706100001	View Full Record in Web of Science	ESCI
1452	Armioni, Diana Miruna; Ratiu, Sorin Aurel; Gidali, Adrian	STUDY ON THE DETERMINATION OF THE DEGREE OF DECREASE IN THE DIELECTRICITY OF ENGINE OILS FOLLOWING WATER CONTAMINATION	INGINERIA AUTOMOBILULUI		72		2024			29	WOS:001340317100003	View Full Record in Web of Science	ESCI
1453	Copacean, Loredana; Man, Eugen Teodor; Herban, Sorin; Cojocariu, Luminita; Popescu, Cosmin	GIS METHODS FOR ESTIMATING SOIL EROSION AND ITS IMPACT ON THE ENVIRONMENT. CASE STUDY: CRIȘUL ALB HYDROGRAPHIC BASIN	SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION & SURVEYING ENVIRONMENTAL ENGINEERING	13			2024	776	785	10	WOS:001335679300013	View Full Record in Web of Science	ESCI
1454	Molnar, R.; Feier, A.; Chivu, O.; Banciu, F. V.; Coteata, M.	An Investigation of the Effects of Flame Straightening Heating on the High-Strength Structural Steels Microstructure	METALLOGRAPHY MICROSTRUCTURE AND ANALYSIS	13	6	http://dx.doi.org/10.1007/s13632-024-01141-7	2024	1071	1081	11	WOS:001337226100002	View Full Record in Web of Science	ESCI

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1455	Grozav, Ion; Banciu, Felicia Veronica	DETERMINATION OF CUTTING TOOLS PROFILE USED FOR PROCESSING THE NON-INVOLUTE PART PROFILES USING GEO GEBRA SOFTWARE	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	1		2024	235	240	6	WOS:001328942700029	View Full Record in Web of Science	ESCI
1456	Pamintas, Eugen; Banciu, Felicia Veronica	HOW THE PRESCRIBED TOLERANCES OF THE PROFILED LATHE TOOL INFLUENCE THE MACHINING ACCURACY OF THE PART	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	67	1		2024	309	312	4	WOS:001328942700037	View Full Record in Web of Science	ESCI
1457	Dohan, Vlad; Galatanu, Sergiu-Valentin; Marsavina, Liviu	Mechanical evaluation of recycled PETG filament for 3D printing	FRATTURA ED INTEGRITA STRUTTURALE-FRACTURE AND STRUCTURAL INTEGRITY		70	http://dx.doi.org/10.3221/IGF-ESIS.70.18	2024	310	321	12	WOS:001324514700002	View Full Record in Web of Science	ESCI
1458	Morar, Catalin Daniel; Popescu, Daniela Elena	A Survey of Blockchain Applicability, Challenges, and Key Threats	COMPUTERS	13	9	http://dx.doi.org/10.3390/computers13090223	2024			30	WOS:001322857900001	View Full Record in Web of Science	ESCI
1459	Onchis, Darian; Istin, Codruta; Samuila, Ioan	Optimal Knowledge Distillation through Non-Heuristic Control of Dark Knowledge	MACHINE LEARNING AND KNOWLEDGE EXTRACTION	6	3	http://dx.doi.org/10.3390/make6030094	2024	1921	1935	15	WOS:001323075900001	View Full Record in Web of Science	ESCI
1460	Mazilescu, Crisanta-Alina; Gangloff, Bernard	The Level of Equity and Justification of the Sanctions Distributed within the Family and Professional Fields	REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA	16	3	http://dx.doi.org/10.18662/rrem/16.3/896	2024	335	351	17	WOS:001318544200018	View Full Record in Web of Science	ESCI
1461	Rotar, Raul; Petcut, Flavius Maxim; Susany, Robert; Oprioiu, Flavius; Vladuiu, Mircea	Dependability Assessment of a Dual-Axis Solar Tracking Prototype Using a Maintenance-Oriented Metric System	APPLIED SYSTEM INNOVATION	7	4	http://dx.doi.org/10.3390/asi7040067	2024			37	WOS:001305113400001	View Full Record in Web of Science	ESCI
1462	Popa, Gabriel Nicolae; Dinis, Corina Maria	Analogue Computation Converter for Nonhomogeneous Second-Order Linear Ordinary Differential Equation	COMPUTATION	12	8	http://dx.doi.org/10.3390/computation12080169	2024			23	WOS:001305772900001	View Full Record in Web of Science	ESCI
1463	Lupita, Cassandra; Bojoga, Daliana Emanuela; Del Vecchio, Alessandro; Stoia, Dan Ioan; Grozav, Ion; Miron, Mariana Ioana; Todea, Darinca Carmen	Photon-Induced Photo-Acoustic Streaming vs. Shock Wave-Enhanced Emission Photo-Acoustic Streaming-The Effect of Three Final Irrigation Protocols on the Bond Strength of an Individually Formed Fiber Post	DENTISTRY JOURNAL	12	8	http://dx.doi.org/10.3390/dj12080237	2024			17	WOS:001305020000001	View Full Record in Web of Science	ESCI
1464	Dascalu, Daniela; Ciorsac, Alecu Aurel; Isvoran, Adriana	Computational assessment of the toxicological profiles of various chemicals to which humans are exposed. A review	OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY	35	2	http://dx.doi.org/10.2478/auoc-2024-0011	2024	83	90	8	WOS:001303172200001	View Full Record in Web of Science	ESCI
1465	Ciungu, Gabriela; Micu, Lavinia Madalina; Bordeasu, Ilare; Iordache, Cristina Maria; Ghiban, Brandusa; Ghera, Cristian	CAVITATION BEHAVIOUR OF A BIODEGRADABLE ZnCu ALLOY	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	86	3		2024	247	260	14	WOS:001301114000020	View Full Record in Web of Science	ESCI
1466	Alfio, Vincenzo Saverio; Costantino, Domenica; Pepe, Massimiliano; Herban, Sorin; Garofalo, Alfredo Restuccia	Quad-mesh modelling for finite element method applications in heritage structures	ACTA IMEKO	13	2	http://dx.doi.org/10.21014/actaimeko.v13i2.1809	2024			8	WOS:001296497700001	View Full Record in Web of Science	ESCI
1467	Copacean, Loredana; Man, Eugen Teodor; Herban, Sorin; Popescu, Cosmin Alin; Cojocariu, Luminita	Estimating flood susceptibility based on GIS and remote sensing. Case study: Hydrographic Basin of Crișul Alb river	PRESENT ENVIRONMENT AND SUSTAINABLE DEVELOPMENT	18	1	http://dx.doi.org/10.47743/pesd2024181009	2024	121	140	20	WOS:001293169100009	View Full Record in Web of Science	ESCI
1468	Farcasiu, Marcela Alina	Communicating culture through hotel names: The case of the Maramures region in Romania	AGATHOS-AN INTERNATIONAL REVIEW OF THE HUMANITIES AND SOCIAL SCIENCES	15	1	http://dx.doi.org/10.5281/zenodo.10968245	2024			379	WOS:001252102700020	View Full Record in Web of Science	ESCI

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1469	Colf, Ioana; Mateoc Sirb, Nicoleta; Iancu, Tiberiu	THE NADLAC FARMER AGRICULTURAL COOPERATIVE - A MODEL OF GOOD PRACTICES FOR SMALL FARMERS, ROMANIA	SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT	24	2		2024	351	356	6	WOS:001264962000037	View Full Record in Web of Science	ESCI
1470	Mateoc-Sirb, Nicoleta; Otiman, Paula Diana; Venig, Adelina; Feier David, Saida; Manescu, Camelia; Duma Copcea, Anisoara; Mateoc, Teodor	ANALYSIS OF THE DYNAMICS OF ORGANIC AGRICULTURE IN THE EUROPEAN UNION WITH AN EMPHASIS ON ROMANIA	SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT	24	2		2024	629	638	10	WOS:001264962000070	View Full Record in Web of Science	ESCI
1471	Mateoc, Teodor; Milin, Ioana Anda; Ciolac, Ramona; Manescu, Camelia; Mihut, Casiana; Mateoc-Sirb, Nicoleta	STUDY REGARDING THE INTEREST OF ROMANIAN CONSUMERS FOR ORGANIC AGRICULTURE	SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT	24	2		2024			8	WOS:001264962000069	View Full Record in Web of Science	ESCI
1472	Stangaciu, Valentin; Stangaciu, Cristina	BERLib: A Basic Encoding Rules implementation	SOFTWARE IMPACTS	21		http://dx.doi.org/10.1016/j.simpa.2024.100677	2024			5	WOS:001262998000001	View Full Record in Web of Science	ESCI
1473	Fofiu, Miha; Mosoarca, Marius; Olariu, Gigi; Palade, Marius	Consolidation of historic buildings damaged by settlements with composite materials	INTERNATIONAL JOURNAL OF MASONRY RESEARCH AND INNOVATION	9	4	http://dx.doi.org/10.1504/IJMRI.2024.139591	2024			14	WOS:001263223200004	View Full Record in Web of Science	ESCI
1474	Socalici, Ana; Bobora, Adriana; Baneasa, Corneliu Birtok; Farcean, Ioana; Lupu, Oana	RECOVERY OF POWDERY WASTE WITH IRON CONTENT IN THE STEEL INDUSTRY	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	86	2		2024	1	10	10	WOS:001247485400019	View Full Record in Web of Science	ESCI
1475	Volosciuc, Cristian; Bogdan, Razvan; Blajovan, Bianca; Stangaciu, Cristina; Marcu, Marius	GreenLab, an IoT-Based Small-Scale Smart Greenhouse	FUTURE INTERNET	16	6	http://dx.doi.org/10.3390/fi16060195	2024			19	WOS:001256742100001	View Full Record in Web of Science	ESCI
1476	Burca, Ion; Badea, Valentin; Bercean, Vasile-Nicolae; Peter, Francisc	Synthesis and Spectroscopic Study of New 1H-1-Alkyl-6-methyl-7-nitroso-3-phenylpyrazolo[5,1-c][1,2,4]triazoles	MOLBANK	2024	2	http://dx.doi.org/10.3390/M1815	2024			6	WOS:001257263600001	View Full Record in Web of Science	ESCI
1477	Popescu, Liviana; Craciunescu, Emanuela Lidia; Novac, Andreea Codrut; Negrutiu, Meda Lavinia; Duma, Virgil Florin; Tudor, Anca; Mostovei, Andrei; Jumanca, Daniela; Sinescu, Cosmin	NUTRITIONAL PROFILING AND SENSORY EVALUATION OF NOVEL HOT CHOCOLATE RECIPES: A COMPARATIVE STUDY WITH A COMMERCIAL BRAND	ROMANIAN JOURNAL OF ORAL REHABILITATION	16	2	http://dx.doi.org/10.6261/RJOR.2024.2.16.19	2024	196	203	8	WOS:001250408000019	View Full Record in Web of Science	ESCI
1478	Mosoarca, Cristina; Hulka, Iosif; Schiopu, Pavel; Rus, Florina S.; Banica, Radu	CaCO3-Infused Carbon Fiber Aerogels: Synthesis and Characterization	CERAMICS-SWITZERLAND	7	2	http://dx.doi.org/10.3390/ceramics7020051	2024	777	795	19	WOS:001254937100001	View Full Record in Web of Science	ESCI
1479	Cernicova-Buca, Mariana	Experiences in Letting the Public in: Tentative Conclusions on the Administration-Public Tango for Co-Responsible Local Governance	CHANGING SOCIETIES & PERSONALITIES	8	1	http://dx.doi.org/10.15826/csp.2024.8.1.267	2024	128	144	17	WOS:001237960600008	View Full Record in Web of Science	ESCI
1480	Bala, Alina Corina; Dragulescu, B. C.; Brebu, Floarea-Maria	Analyzing Rinex Data Files Using the Python Programming Language	JOURNAL OF APPLIED ENGINEERING SCIENCES	14	1	http://dx.doi.org/10.2478/jaes-2024-0021	2024	167	177	11	WOS:001227385200010	View Full Record in Web of Science	ESCI
1481	Pop, Aniela; Manea, Florica; Baci, Anamaria; Motoc, Sorina	Simultaneous voltammetric detection of benzene, naphthalene and anthracene from water using boron-doped diamond electrode	SENSING AND BIO-SENSING RESEARCH	44		http://dx.doi.org/10.1016/j.sbsr.2024.100641	2024			9	WOS:001221578800001	View Full Record in Web of Science	ESCI
1482	Farcean, Ioana; Prostean, Gabriela; Ardelean, Erika	MANAGEMENT OF MATERIAL RESOURCES IN THE STEEL INDUSTRY	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	86	1		2024	235	250	16	WOS:001196525500009	View Full Record in Web of Science	ESCI

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1483	Izvoorean, Stefan; Stoica, Virgil; Lelea, Dorin	DIESEL ENGINES AND THE PALINKA FROM TRANSYLVANIA. EXPERIMENTAL RESEARCH	INGINERIA AUTOMOBILULUI		70		2024			28	WOS:001186398200005	View Full Record in Web of Science	ESCI
1484	Crisan, Andrei; Pepe, Massimiliano; Costantino, Domenica; Herban, Sorin	From 3D Point Cloud to an Intelligent Model Set for Cultural Heritage Conservation	HERITAGE	7	3	http://dx.doi.org/10.3390/heritage7030068	2024	1419	1437	19	WOS:001192813000001	View Full Record in Web of Science	ESCI
1485	Popa, Evelyn; Andelesc, Adelina A.; Badea, Valentin; Svera (m. Ianasi), Paula; Szerb, Elisabeta I.	Bis(2,6-di(pyridin-2-yl) pyridin-4-yl)-6,6'-(1,2-diselanediy)dihexanoate	MOLBANK	2024	1	http://dx.doi.org/10.3390/M1752	2024			8	WOS:001193483500001	View Full Record in Web of Science	ESCI
1486	Saback, Vanessa; Gonzalez-Libreros, Jaime; Daescu, Cosmin; Popescu, Cosmin; Garmabaki, A. H. S.; Sas, Gabriel	Adapting to climate change: snow load assessment of snow galleries on the Iron Ore Line in Northern Sweden	FRONTIERS IN BUILT ENVIRONMENT	9		http://dx.doi.org/10.3389/fbuil.2023.1308401	2024			21	WOS:001153302500001	View Full Record in Web of Science	ESCI
1487	Osaci, Mihaela; Cacciola, Matteo	A study of Brownian relaxation time in magnetic nanofluids: a semi-analytical model	MULTISCALE AND MULTIDISCIPLINARY MODELING EXPERIMENTS AND DESIGN	7	1	http://dx.doi.org/10.1007/s41939-023-00174-9	2024	15	29	15	WOS:001016167000001	View Full Record in Web of Science	ESCI
1488	Ganesh, Uddebornhalli Lavakumar; Raghavendra, Hebbar; Patel, Gowdru Chandrashekarappa Manjunath; Lakshmikanthan, Avinash; Linul, Emanoil; Prakash, Chander; Buddhi, Dharam; Singh, Bharat	Design and Development of Low Density and Refractory Based on Ni-Ti-Al-Li-Si Pentanary Equiatomic High Entropy Alloys: Microstructure and Phase Analysis	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	18	4	http://dx.doi.org/10.1007/s12008-022-01070-1	2024	2183	2198	16	WOS:000870125800001	View Full Record in Web of Science	ESCI
1489	Keller, Alexandra Iasmina; Mosoarca, Marius	Historic timber roof structure vulnerability assessment procedures - Critical analysis and comparison	JOURNAL OF CULTURAL HERITAGE	66		http://dx.doi.org/10.1016/j.culher.2023.11.011	2024	132	141	10	WOS:001127965400001	View Full Record in Web of Science	AHCI
1490	Domokos-Pascu, Gabriela; Ianas, Ana-Neli; Baldea, Maja; Gheorghiu, Teodor-Octavian	Cultural Landscapes of Banat: Experimenting and Understanding the Territory	STUDIES IN HISTORY AND THEORY OF ARCHITECTURE- STUDIUL DE ISTORIA SI TEORIA ARHITECTURII	12			2024	99	114	16	WOS:001470418200008	View Full Record in Web of Science	AHCI
1491	I.I., Popescu, I. I.; C., Teau, Camelia; C., Moiescu-Ciocan, Cristian; C., Florescu, Constantin; A.T., Constantin, Albert Titus	MODIFIED METHODOLOGICAL FRAMEWORK FOR SUSTAINABILITY EVALUATION OF EXISTING HYDRAULIC STRUCTURES IN ROMANIA: THE CASE STUDY OF CINCIS DAM, HUNEDOARA	Geo-Eco-Marina	30		10.5281/zenodo.14228682	2024	81	92	12	2-s2.0-85213008538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213008538&doi=10.5281%2Fzenodo.14228682&partnerID=40&md5=0cc40c84f7460903335ed9a70ae20d5f	SCOPUS
1492	X., Shi, Xiangting; A.A., al-Ahmadi, Ahmad Aziz; M.B., Khan, Muhammad Bilal; L., Ciurdariu, Loredana; K.H., Hakami, Khalil Hadi	Novel versions of Hölder's-Like and related inequalities with newly defined LP space, and their applications over fuzzy domain	Heliyon	10	23	10.1016/j.heliyon.2024.e40664	2024				2-s2.0-85210718695	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210718695&doi=10.1016%2Fj.heliyon.2024.e40664&partnerID=40&md5=c1b5e96c440677846d0aff92650e1b2c	SCOPUS
1493	M.E., Ionascu, Marian Emanuel; M.G., Marcu, Marius George; R., Bogdan, Razvan; M., Darie, Marius	Calibration of NO, SO2, and PM using Airify: A low-cost sensor cluster for air quality monitoring	Atmospheric Environment	339		10.1016/j.atmosenv.2024.120841	2024				2-s2.0-85206811664	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206811664&doi=10.1016%2Fj.atmosenv.2024.120841&partnerID=40&md5=0ee75475b688e1b053799514d739a1f1	SCOPUS

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1494	F., Dinu, Florea; C., Neagu, Calin; M., Șenilă, Mihai	Wall sandwich panels with steel facings and PUR foam core under transverse loading: Experimental testing and numerical model calibration	Engineering Structures	321		10.1016/j.engstruct.2024.119014	2024				2-s2.0-85204482658	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204482658&doi=10.1016%2Fj.engstruct.2024.119014&partnerID=40&md5=17da3dfe14b7c86426287846e4f424da	SCOPUS
1495	A., Constantinescu, Amalia; E.R., Stoicescu, Emil Robert; R.G., Iacob, Roxana Georgeta; C.A., Chira, Cosmin Alexandru; D.M., Cocolea, Daiana Marina; A.C., Nicola, Alin Ciprian; R., Mladin, Roxana; C.I., Oancea, Cristian Iulian; D.L., Manolescu, Diana Luminița	CT-Guided Transthoracic Core-Needle Biopsy of Pulmonary Nodules: Current Practices, Efficacy, and Safety Considerations	Journal of Clinical Medicine	13	23	10.3390/jcm13237330	2024				2-s2.0-86000634748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000634748&doi=10.3390%2Fjcm13237330&partnerID=40&md5=b83203479abcf4cd25fdcc40a9927c99	SCOPUS
1496	R.E., Precup, Radu Emil; R.C., Roman, Raul Cristian; E.L., Hedrea, Elena Lorena; E.M., Petriu, Emil M.; C.A., Bojan-Dragos, Claudia Adina; A.I., Szedlak-Stinean, Alexandra Iulia	METAHEURISTIC-BASED TUNING OF PROPORTIONAL-DERIVATIVE LEARNING RULES FOR PROPORTIONAL-INTEGRAL FUZZY CONTROLLERS IN TOWER CRANE SYSTEM PAYLOAD POSITION CONTROL	Facta Universitatis, Series: Mechanical Engineering	22	4	10.22190/fume240914044p	2024	567	582	16	2-s2.0-85216735770	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85216735770&doi=10.22190%2Ffume240914044p&partnerID=40&md5=5cccb9b097602cccfd0c1837394429977	SCOPUS
1497	D., Ionescu, Daniela; M., Kovaci, Maria	Prediction of the Specific Energy of Supercapacitors with Polymeric Materials Using Advanced Molecular Dynamics Simulations	Polymers	16	23	10.3390/polym16233404	2024				2-s2.0-85216634604	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85216634604&doi=10.3390%2Fpolym16233404&partnerID=40&md5=43a6dbfb04025966a6cde170e3c2b610	SCOPUS
1498	S.M.D., Laitin, Sorina Maria Denisa; L.M., Bădițoiu, Luminița Mirela; R., Laza, Ruxandra; I.M., Stefan, Irina Maria; R.S., Besliu, Razvan Sebastian; S.R., Susa, Septimiu Radu; C.I., Oancea, Cristian Iulian; E.R., Stoicescu, Emil Robert; D.L., Manolescu, Diana Luminița; C., Fira-Mlădinescu, Corneluța	Unveiling the Dynamics of Antimicrobial Resistance: A Year-Long Surveillance (2023) at the Largest Infectious Disease Profile Hospital in Western Romania	Antibiotics	13	12	10.3390/antibiotics13121130	2024				2-s2.0-85213440259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213440259&doi=10.3390%2Fantibiotics13121130&partnerID=40&md5=b0a1fbcdc249dc72c79d2fe63c510a0b	SCOPUS
1499	Q., Liu, Qi; Rukhsar; M.U., Awan, Muhammad Uzair; B., Bin-Mohsin, Bandar; M.Z., Javed, Muhammad Zakria; L., Ciurdariu, Loredana; B., Meftah, Badreddine	Bridging Pre-Innex Mappings and Fractional Integrals: A Pathway to Iterative Schemes via Error Boundaries of Maclaurin's Rule	Fractal and Fractional	8	12	10.3390/fractalfrac18120734	2024				2-s2.0-85213435696	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213435696&doi=10.3390%2Ffractalfrac18120734&partnerID=40&md5=f59b02481bbfc5974a5115582bcea791	SCOPUS

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1500	E.G., Tulcan, Elida Gabriela; C., Sticlaru, Carmen; A., Oarcea, Alexandru; M.O., Sandu, Melania Olivia; N.G., Crăciun, Narcis Gratian; E.C., Lovasz, Erwin Christian	Feasibility Study of the Seven-Bar Linkage 7-PR(RRRR)RP Used for Medical Disinfection Robot †	Robotics	13	12	10.3390/robotics13120177	2024				2-s2.0-85213425171	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213425171&doi=10.3390%2Frobotics13120177&partnerID=40&md5=04abf6f221a752c4ef0ee1d6f6ceeb3c	SCOPUS
1501	D.E., Man, Dana Emilia; E.T., Nițu, Ema Teodora; C., Temereancă, Claudia; L., Sbârcea, Laura; A., Ledeți, Adriana; D.L., Ivan, Denisa Laura; A., Ridichie, Amalia; M., Andor, Minodora; A.R., Jijie, Alex Robert; P., Barvinschi, Paul	Host–Guest Complexation of Olmesartan Medoxomil by Heptakis(2,6-di-O-methyl)-β-cyclodextrin: Compatibility Study with Excipients	Pharmaceutics	16	12	10.3390/pharmaceutics16121557	2024				2-s2.0-85213357687	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213357687&doi=10.3390%2Fpharmaceutics16121557&partnerID=40&md5=df0c6ea111e3b3373e6d4b263b3dae	SCOPUS
1502	I., Nichita, Ileana; L., Lupa, Lavinia; A., Visa, Aurelia; E.S., Dragan, Ecaterina Stela; M.V., Dinu, Maria Valentina; A., Popa, Adriana	Chemical Modification of Acrylonitrile-Divinylbenzene Polymer Supports with Aminophosphonate Groups and Their Antibacterial Activity Testing	Molecules	29	24	10.3390/molecules29246054	2024				2-s2.0-85213266980	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213266980&doi=10.3390%2Fmolecules29246054&partnerID=40&md5=ce678b782c4ef4226e019e528bea9057	SCOPUS
1503	S.M.D., Laitin, Sorina Maria Denisa; L.M., Bădițoiu, Luminița Mirela; R., Laza, Ruxandra; R.S., Besliu, Razvan Sebastian; E.R., Stoicescu, Emil Robert; M., Gug, Miruna; C.S., Dumitru, Cristina Stefania; R.F.P., Pătrașcu, Raul Florian Petrisor	Impact of Vaccination Status on COVID-19 Severity and Pulmonary Involvement	Medicina (Lithuania)	60	12	10.3390/medicina60121919	2024				2-s2.0-85213252480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213252480&doi=10.3390%2Fmedicina60121919&partnerID=40&md5=9fd4244489e6b8800cd4c5d1b726b47f	SCOPUS
1504	N.G., Crăciun, Narcis Gratian; E.G., Tulcan, Elida Gabriela; A., Oarcea, Alexandru; C., Ciapa, Cristian; E.C., Lovasz, Erwin Christian	Wrist Exoskeleton Actuated by a 2-RRU-U Parallel Manipulator †	Machines	12	12	10.3390/machines12120945	2024				2-s2.0-85213248579	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213248579&doi=10.3390%2Fmachines12120945&partnerID=40&md5=15b1965867b741578fe870a24cdd4118	SCOPUS
1505	R.D., Ene, Remus Daniel; N., Pop, Nicolina; R., Bădăraș, Rodica	Semi-Analytical Solutions for the Qi-Type Dynamical System	Symmetry	16	12	10.3390/sym16121578	2024				2-s2.0-85213207724	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213207724&doi=10.3390%2Fsym16121578&partnerID=40&md5=48c2bfe3d2c17d4561ae7b595cef7893	SCOPUS

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1506	E., Milos, Emilia; L., Cochechi, Laura; A., Popa, Adriana; L., Lupa, Lavinia; A., Filimon, Anca	Hybrid Materials—Mg3Al-LDH/Ionic Liquids/Chitosan Used in the Recovery Process of Pd Ions from Aqueous Solutions	Molecules	29	24	10.3390/molecules29246001	2024				2-s2.0-85213205179	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213205179&doi=10.3390%2Fmolecules29246001&partnerID=40&md5=224dbfa3212f0b1647c9d1522d7a5ac	SCOPUS
1507	A.E., Segneanu, A. E.; I.A., Bradu, Ionela Amalia; M.S., Calinescu, Mihaela Simona; G., Vlase, Gabriela; T., Vlase, T.; D.D., Herea, Dumitru Daniel; G., Buena, Gabriela; M., Mihăilescu, Maria; I., Grozescu, Ioan	Novel Nanocomposites and Biopolymer-Based Nanocomposites for Hexavalent Chromium Removal from Aqueous Media	Polymers	16	24	10.3390/polym16243469	2024				2-s2.0-85213205001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213205001&doi=10.3390%2Fpolym16243469&partnerID=40&md5=8001b7b3fe810ba6d5d1a4b28ca445ad	SCOPUS
1508	I., Mitelea, Ion; I., Bordeasu, Ilare; D., Cosma, Daniela; D., Buzdugan, Dragoș; C.M., Craciunescu, Corneliu Marius; I.D., Utu, Ion Dragoș	Assessment of Corrosion and Cavitation Resistance of Laser Remelted GX40CrNiSi25-20 Cast Stainless Steel	Materials	17	24	10.3390/ma17246278	2024				2-s2.0-85213204906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213204906&doi=10.3390%2Fma17246278&partnerID=40&md5=036741ad5785fe23dc07e1b5e657bebc	SCOPUS
1509	C.E., Bandas Ratiu, C. Elena; C., Orha, Corina; M., Nicolaeescu, Mircea; M.I., Morariu, Mina Ionela; C., Lăzău, Carmen	2D and 3D Nanostructured Metal Oxide Composites as Promising Materials for Electrochemical Energy Storage Techniques: Synthesis Methods and Properties	International Journal of Molecular Sciences	25	23	10.3390/ijms252312521	2024				2-s2.0-85212676698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212676698&doi=10.3390%2Fijms252312521&partnerID=40&md5=493bc70ea39be90d96a06917488a406f	SCOPUS
1510	S.L., Jurj, Sorin Liviu	PySpice-Simulated In Situ Learning with Memristor Emulation for Single-Layer Spiking Neural Networks	Electronics (Switzerland)	13	23	10.3390/electronics13234665	2024				2-s2.0-85212674250	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212674250&doi=10.3390%2Felectronics13234665&partnerID=40&md5=30f0e031dff15f1f46ed41cd91488c1c	SCOPUS
1511	L., Ciocarlie, Loredana; A., Negrea, Adina; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; P., Svera, Paula; C., Ianași, Cătălin	Adsorption Performances and Mechanisms of MgFe2O4 Spinel Toward Gallium (III) from Aqueous Solution	Materials	17	23	10.3390/ma17235740	2024				2-s2.0-85212583775	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212583775&doi=10.3390%2Fma17235740&partnerID=40&md5=faf1becf4547dd0257ffac5856de148c	SCOPUS
1512	M.G., Hegheduș, M. G.; M., Glevitzky, Mirel; R.C., Hegheduș-Mindru, Ramona Cristina; G.A., Dumitrel, Gabriela Alina; M., Popa, Maria; I., Glevitzky, Ioana; D., Obistoiu, Diana; I., Cocan, Ileana; M.L., Vică, Mihaela Laura	Inhibitory Effects and Composition Analysis of Romanian Propolis: Applications in Organic and Sustainable Agriculture	Plants	13	23	10.3390/plants13233355	2024				2-s2.0-85212211309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212211309&doi=10.3390%2Fplants13233355&partnerID=40&md5=61af5c09cac75b39b7305fe2940fc753	SCOPUS

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1513	L.I., Găină, Lucian Ionel; C.S., Stangaciu, Cristina Sorina; D., Stanescu, Daniela; B., Gusita, Bianca; M.V., Micea, Mihai Victor	Unidirectional Communications in Secure IoT Systems—A Survey	Sensors	24	23	10.3390/s24237528	2024				2-s2.0-85211947029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211947029&doi=10.3390%2Fs24237528&partnerID=40&md5=f656eda04effa2ffa85acd464c476739	SCOPUS
1514	A., Ivan, Alexandra; A.T., Lukinich-Gruia, Alexandra T.; M.I., Cristea, Mirabela Iustina; M.A., Pricop, Maria Alexandra; C.L., Calma, Crenguta Livia; A.G., Simina, Alina Georgiana; C.A., Tatu, Călin Adrian; A., Gălușcan, Atena; V., Păunescu, Virgil	Quercetin and Mesenchymal Stem Cell Metabolism: A Comparative Analysis of Young and Senescent States	Molecules	29	23	10.3390/molecules29235755	2024				2-s2.0-85211937951	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211937951&doi=10.3390%2Fmolecules29235755&partnerID=40&md5=07216d22b0ca25bc26e2607271368daf	SCOPUS
1515	D., Buncianu, Dorel; E.M., Lungulescu, Eduard Marius; A.R., Caramitu, Alina Ruxandra; V.E., Marinescu, V. E.; L., Marșavina, Liviu; E.C., Lovasz, Erwin Christian	Synthesis and Characterization of Acrylic Resin/Kaolin Composites for Dielectric Applications	Polymers	16	23	10.3390/polym16233376	2024				2-s2.0-85211921456	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211921456&doi=10.3390%2Fpolym16233376&partnerID=40&md5=077e93750233dbfeca49436da2b7725	SCOPUS
1516	E.L., Zimbru, Elena Larisa; R.I., Zimbru, Răzvan Ionuț; V.L., Ordodi, Valentin Laurentiu; M.F., Bojin, Maria Florina; D., Crisnic, Daniela; M., Andor, Minodora; S.N., Mirica Nicoleta, Silvia Nicoleta; I., Huțu, Ioan; G., Tănăsie, Gabriela; L., Haidar, Laura	Rosuvastatin Attenuates Vascular Dysfunction Induced by High-Fructose Diets and Allergic Asthma in Rats	Nutrients	16	23	10.3390/nu16234104	2024				2-s2.0-85211917808	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211917808&doi=10.3390%2Fnu16234104&partnerID=40&md5=f2735851b4e41a5067c196c285541102	SCOPUS
1517	A., Ledet, Adriana; B., Baul, Bianca; A., Ridichie, Amalia; D.L., Ivan, Denisa Laura; T., Vlase, T.; C., Tomoroga, Carmen; A.O., Dragomirescu, Anca Octavia; G., Vlase, Gabriela; R.A., Bertici, Razvan Adrian; D.E., Man, Dana Emilia	Thermooxidation of Four Sartans: Kinetic Analysis Based on Thermo-Gravimetric Data	Molecules	29	23	10.3390/molecules29235527	2024				2-s2.0-85211899813	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211899813&doi=10.3390%2Fmolecules29235527&partnerID=40&md5=c33e51095a72f21df2ded6ab01724381	SCOPUS
1518	N., Herisanu, Nicolae; B.V., Marinca, Bogdan V.; V., Marinca, Vasile	On the Nonlinear Forced Vibration of the Magnetostrictive Laminated Beam in a Complex Environment	Mathematics	12	23	10.3390/math12233836	2024				2-s2.0-85211806408	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211806408&doi=10.3390%2Fmath12233836&partnerID=40&md5=71603e1fce0e7233331f4e41b849080c	SCOPUS
1519	I.I., Popescu, I. I.; C., Teau, Camelia; C., Moisesescu-Ciocan, Cristian; C., Florescu, Constantin; R., Adam, Relu; A.T., Constantin, Albert Titus	Evaluating the Sustainability of Longtime Operating Infrastructure for Romanian Flood Risk Protection	Sustainability (Switzerland)	16	23	10.3390/su162310573	2024				2-s2.0-85211799121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211799121&doi=10.3390%2Fsu162310573&partnerID=40&md5=628337ebd3cade71fa7fc8f6eb77fc3d	SCOPUS

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1520	T., Hussain, Talib; L., Ciurdariu, Loredana; E., Grecu, Eugenia	A New Inclusion on Inequalities of the Hermite–Hadamard–Mercer Type for Three-Times Differentiable Functions	Mathematics	12	23	10.3390/math12233711	2024				2-s2.0-85211772912	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211772912&doi=10.3390%2Fmath12233711&partnerID=40&md5=a8cf6de9c0a4690a40cf6cf85134cba9	SCOPUS
1521	A.M., Munteanu, Andreea Mara; A., Gogulescu, Armand; C.M., Șoica, Codruța Marinela; A., Mioc, Alexandra; M., Mioc, Marius; A., Milan, Andreea; A.T., Lukinich-Gruia, Alexandra T.; M.A., Pricop, Maria Alexandra; C., Jianu, Călin; C.D., Banciu, Christian Dragoș	In Vitro and In Silico Evaluation of Syzygium aromaticum Essential Oil: Effects on Mitochondrial Function and Cytotoxic Potential Against Cancer Cells	Plants	13	23	10.3390/plants13233443	2024				2-s2.0-85211760449	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211760449&doi=10.3390%2Fplants13233443&partnerID=40&md5=e6e500728fca7bad038f950dfla406aa	SCOPUS
1522	I.C., Benea, Ioana Cristina; D.I., Dăescu, Diana Ionela; A., Todea, Anamaria; L.Z.S., Nagy, Lajos Z.S.; S., Kéki, Sándor; I., Păușescu, Iulia; A., Pellis, Alessandro; F., Peter, Francisc	Efficient biotransformation of biobased raw materials into novel polyesters/polyesteramides; comparative investigation of enzymatic synthesis of block and random copolymers and terpolymers	International Journal of Biological Macromolecules	282		10.1016/j.ijbiomac.2024.137046	2024				2-s2.0-85208057185	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208057185&doi=10.1016%2Fj.ijbiomac.2024.137046&partnerID=40&md5=1cc7f624e55af699da7bd0c5b022da5a	SCOPUS
1523	S., Ahlawat, Sarita; B.K., Kumar Kanaujia, Binod Kumar; N., Singh, Neeta; A.M., Zaidi, Aijaz Mehdi; K., Rambabu, Karumudi; L., Matekovits, Ladislau	Measurement and performance evaluation of triple band differential integrated extraoral rectifying antenna for data transfer and RF energy harvesting for tongue drive system	Scientific Reports	14	1	10.1038/s41598-024-74769-8	2024				2-s2.0-85207191429	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207191429&doi=10.1038%2Fas41598-024-74769-8&partnerID=40&md5=e63f7f4aa45a238ab71002537196c2d5	SCOPUS
1524	I., Mitelea, Ion; D., Cosma, Daniela; O.L., Karancsi, Olimpiu Ladislau; M., Burcă, Mircea; C.M., Crăciunescu, Corneliu Marius; I.D., Utu, Ion Dragoș	Hardfacing of GX40CrNiSi25-20 cast stainless steel with an austenitic manganese steel electrode	Materialpruefung/Materials Testing	66	12	10.1515/mt-2024-0124	2024	2055	2065	11	2-s2.0-85207122747	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207122747&doi=10.1515%2Fmt-2024-0124&partnerID=40&md5=faa6fb2e25c13641669c437b3c658cc9	SCOPUS
1525	I., Sarbu, Ioan; A., Dorca, Alexandru; M., Mirza, Matei	Exhaustive overview of advances in integrating renewable energy sources into district heating systems	Sustainable Cities and Society	116		10.1016/j.scs.2024.105897	2024				2-s2.0-85206461566	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206461566&doi=10.1016%2Fj.scs.2024.105897&partnerID=40&md5=d9c1221342cfb47bd25b7a79e77e29c7	SCOPUS

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1526	E., Marino, Enzo; M., Gkantou, Michaela; A., Malekjafarian, Abdollah; S., Bali, Seevani; C.C., Baniotopoulos, Charalampos C.; J.P.A.J., Van-Beeck, Jeroen Petrus Antonius Johannes; R.P., Borg, Ruben Paul; N., Bruschi, Niccolò; P., Cardiff, P.; E.N., Chatzi, Eleni N.	Offshore renewable energies: A review towards Floating Modular Energy Islands—Monitoring, Loads, Modelling and Control	Ocean Engineering	313		10.1016/j.oceaneng.2024.119251	2024				2-s2.0-85204993532	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204993532&doi=10.1016%2Fj.oceaneng.2024.119251&partnerID=40&md5=cfeae0c1d654ab8f10fd367740766fda	SCOPUS
1527	L., Kouhalvandi, Lida; L., Matekovits, Ladislau	Conjointly active and passive modelings with deep neural networks as fully automated optimizations for upper-mid band 6G communications	Scientific Reports	14	1	10.1038/s41598-024-68011-8	2024				2-s2.0-85200385129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200385129&doi=10.1038%2F41598-024-68011-8&partnerID=40&md5=92f5b83c3d5b4b3b05cd1a7426f1096	SCOPUS
1528	L., Yan, Lu; T., Zhao, Tao; X., Xie, Xiangpeng; R.E., Precup, Radu Emil	OSSEFS: An online semi-supervised ensemble fuzzy system for data streams learning with missing values	Expert Systems with Applications	255		10.1016/j.eswa.2024.124695	2024				2-s2.0-85198063595	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198063595&doi=10.1016%2Fj.eswa.2024.124695&partnerID=40&md5=47391854f028ec4db88d4837b96be8d3	SCOPUS
1529	R., Nagib, Riham; A.Z., Farkas, Andrei Zoltan; C.A., Szuhaneck, Camelia Alexandrina	Finite element analysis of the mechanical behavior of 3D printed orthodontic attachments used in aligner treatment	Scientific Reports	14	1	10.1038/s41598-024-65864-x	2024				2-s2.0-85197135125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197135125&doi=10.1038%2F41598-024-65864-x&partnerID=40&md5=04f3d8cf6b877614990a46fd80a9043	SCOPUS
1530	T., Andreica, Tudor; A., Musuroi, Adrian; A., Anistoroaei, Alfred; C., Jichici, Camil; B., Groza, Bogdan	Blockchain integration for in-vehicle CAN bus intrusion detection systems with ISO/SAE 21434 compliant reporting	Scientific Reports	14	1	10.1038/s41598-024-58694-4	2024				2-s2.0-85189784569	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189784569&doi=10.1038%2F41598-024-58694-4&partnerID=40&md5=e62c8dd5caff22b6131def7d737188b0	SCOPUS
1531	D., Belega, Daniel; D., Petri, Dario	REAL-VALUED DAMPED SINUSOID PARAMETER ESTIMATION USING A THREE-POINT INTERPOLATED DISCRETE FOURIER TRANSFORM ALGORITHM	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	69	4	10.59277/RRST-EE.2024.69.4.1	2024	373	376	4	2-s2.0-85209944097	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209944097&doi=10.59277%2FRRST-EE.2024.69.4.1&partnerID=40&md5=c0e1efb1962a4649ed1dbab4057ff76	SCOPUS

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1532	E., Güzel, Enis; U., Çoruh, Ufuk; N.M., Duțeanu, Narcis Mihaie; C., Çiçek, Ceren; E., Açar, Erbil; E.M., Vázquez López, Ezequiel M.; M., Yavuz, Metin	Experimental Studies of Schiff Base (E)-4-Methoxy-2-(((2-Phenoxyphenyl)Imino)-Methyl) Phenol Compound with Various Spectroscopic Methods	Journal of Structural Chemistry	65	11	10.1134/S0022476624110076	2024	2187	2197	11	2-s2.0-85217167297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217167297&doi=10.134%2FS0022476624110076&partnerID=40&md5=1cc212b6463827a7cb40527c85d7bf7c	SCOPUS
1533	M., Nicolaescu, Mircea; S., Ambruș, Sebastian; P., Hididis, Petru; M.I., Morariu, Mina Ionela; I., Hulka, Iosif; C., Orha, Corina; C., Lăzău, Carmen; C., Codrean, Cosmin; C.E., Bandas Ratiu, C. Elena	In Situ Synthesis of NPC-Cu2O/CuO/rGO Composite via Dealloying and Microwave-Assisted Hydrothermal Technique	Crystals	14	11	10.3390/cryst14110968	2024				2-s2.0-85212119555	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212119555&doi=10.3390%2Fcryst14110968&partnerID=40&md5=a4e237f00d218bf89e47d5028fab4a9	SCOPUS
1534	S., Liga, Sergio; R., Voda, Raluca; L., Lupa, Lavinia; C., Paul, Cristina; N.S., Nemeș, Nicoleta Sorina; D., Muntean, Delia; Ș.F., Avram, Ștefana F.; M.I., Gherban, Mihaela Ionela; F., Peter, Francisc	Green Synthesis of Zinc Oxide Nanoparticles Using Puerarin: Characterization, Antimicrobial Potential, Angiogenesis, and In Ovo Safety Profile Assessment	Pharmaceutics	16	11	10.3390/pharmaceutics16111464	2024				2-s2.0-85210700776	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210700776&doi=10.3390%2Fpharmaceutics16111464&partnerID=40&md5=13e39bc0681a7b0af9bd5038af130a37	SCOPUS
1535	A., Filimon, Anca; D., Serbezeanu, Diana; D., Rusu, Daniela; A.I., Bargan, Alexandra I.; L., Lupa, Lavinia	Design of High-Performance Electrospun Membranes for Protective Clothing Applications	Membranes	14	11	10.3390/membranes14110244	2024				2-s2.0-85210600559	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210600559&doi=10.3390%2Fmembranes14110244&partnerID=40&md5=7a0438b031f5a7fatb92ab38fc2e111d	SCOPUS
1536	A.A., Jojic, Alina Arabella; S., Liga, Sergio; D., Utu, Diana; G., Ruse, Grațiana; L., Suci, Liana; A.G.M., Moțoc, Andrei Gheorghe Marius; C.M., Șoica, Codruța Marinela; D.S., Antal, Diana Simona	Beyond Essential Oils: Diterpenes, Lignans, and Biflavonoids from Juniperus communis L. as a Source of Multi-Target Lead Compounds	Plants	13	22	10.3390/plants13223233	2024				2-s2.0-85210580105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210580105&doi=10.3390%2Fplants13223233&partnerID=40&md5=39592ebab5676500bc1353c2377ed16f	SCOPUS
1537	A.L., Mederle, Alexandra Laura; M.A., Dima, Mirabela Adina; E.R., Stoicescu, Emil Robert; B.F., Căpăstraru, Bogdan Florin; C.M., Levai, Codrina Mihaela; O.A., Hațegan, Ovidiu Alin; A.L., Maghiari, Anca Laura	Impact of Gut Microbiome Interventions on Glucose and Lipid Metabolism in Metabolic Diseases: A Systematic Review and Meta-Analysis	Life	14	11	10.3390/life14111485	2024				2-s2.0-85210575754	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210575754&doi=10.3390%2Flife14111485&partnerID=40&md5=f126a4f76c51d1a50a8529e8056d173b	SCOPUS

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1538	E.R., Stoicescu, Emil Robert; L.A.B., Ghenciu, Laura Andreea Bolintineanu; R.G., Iacob, Roxana Georgeta; A.I., Ardelean, Adina Iuliana; E., Dăescu, Ecaterina; O.A., Hațegan, Ovidiu Alin; D.L., Manolescu, Diana Luminița; E., Tudorache, Emanuela; C., Boru, Casiana; M.A., Dima, Mirabela Adina	CMV Retinitis in the Context of SARS-CoV-2 Infection: A Case Study and Comprehensive Review of Viral Interactions	Pathogens	13	11	10.3390/pathogens13110938	2024				2-s2.0-85210563241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210563241&doi=10.3390%2Fpathogens13110938&partnerID=40&md5=cd0ade04e12bfb9c79961d2e04498ed8	SCOPUS
1539	O.D., Frenț, Olimpia Daniela; L., Ștefan, Liana; C.M., Morgovan, Claudia Mona; N.M., Duțeanu, Narcis Mihaie; I.L., Dejeu, Ioana Lavinia; E., Marian, Eleonora; L.G., Vicaș, Laura Gratiela; F., Manole, Felicia	A Systematic Review: Quercetin—Secondary Metabolite of the Flavonol Class, with Multiple Health Benefits and Low Bioavailability	International Journal of Molecular Sciences	25	22	10.3390/ijms252212091	2024				2-s2.0-85210562560	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210562560&doi=10.3390%2Fijms252212091&partnerID=40&md5=353e3cf95850e2c5c54594492d011c6b	SCOPUS
1540	J., Eßler, Julian; D.H., Woelk, Dino Horst; I.D., Utu, Ion Dragos; G.M., Marginean, Gabriela M.	Impact of hBN Content on the Tribological Behavior and Thermal Diffusivity of HVOF-Sprayed Cr3C2-NiCr Coatings	Materials	17	22	10.3390/ma17225470	2024				2-s2.0-85210315074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210315074&doi=10.3390%2Fma17225470&partnerID=40&md5=bc7f0373525832370f549fb6e46ec79	SCOPUS
1541	N., Herisanu, Nicolae; B.V., Marinca, Bogdan V.; V., Marinca, Vasile	Nonlinear Dynamics of an Electromagnetically Actuated Cantilever Beam Under Harmonic External Excitation	Applied Sciences (Switzerland)	14	22	10.3390/app142210335	2024				2-s2.0-85210258171	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210258171&doi=10.3390%2Fapp142210335&partnerID=40&md5=66fa85f801701ebc261d014f81f70067	SCOPUS
1542	D.V., Căiman, Dadiana Valeria; C., Barbulescu, Corneliu; S., Nanu, Sorin; T.L., Dragomir, Toma Leonida	DC-DC Buck Converters with Quasi-Online Estimation of Filter Capacitor Equivalent Parameters	Applied Sciences (Switzerland)	14	22	10.3390/app142210756	2024				2-s2.0-85210237103	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210237103&doi=10.3390%2Fapp142210756&partnerID=40&md5=b92c7b395699c782ae9717784bed629d	SCOPUS
1543	L., Ghiormez, Loredana; M., Pănoiu, Manuela; C., Pănoiu, Caius	Fuzzy Logic Controller for Power Control of an Electric Arc Furnace	Mathematics	12	21	10.3390/math12213445	2024				2-s2.0-85208595515	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208595515&doi=10.3390%2Fmath12213445&partnerID=40&md5=658a48d44cd6378aa9bcb2cdcf71b58	SCOPUS
1544	A., Truşculescu, Adriana; V.M., Ancusa, V. Maria; C.C., Pescaru, Camelia Corina; N., Wellmann, Norbert; C., Fira-Mlădinescu, Corneluța; C.I., Oancea, Cristian Iulian; O., Fira-Mladinescu, Ovidiu	A Multifaceted Exploration of Status Asthmaticus: A Retrospective Analysis in a Romanian Hospital	Journal of Clinical Medicine	13	21	10.3390/jcm1321615	2024				2-s2.0-85208476631	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208476631&doi=10.3390%2Fjcm1321615&partnerID=40&md5=20875247a7f8eff1172c0aa03e10a86f	SCOPUS

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1545	M.A., Pricop, Maria Alexandra; A.T., Lukinich-Gruia, Alexandra T.; M.I., Cristea, Mirabela Iustina; V., Păunescu, Virgil; C.A., Tatu, Călin Adrian	Aristolochia clematitis L. Ethanolic Extracts: In Vitro Evaluation of Antioxidant Activity and Cytotoxicity on Caco-2 Cell Line	Plants	13	21	10.3390/plants13212987	2024				2-s2.0-85208475975	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208475975&doi=10.3390%2Fplants13212987&partnerID=40&md5=ebc2766903e2a723fd1ab2d82cb0ae00	SCOPUS
1546	C.A., Stolojanu, Cristiana Alexandra; G.S., Doros, Gabriela Simona; L.M., Bratu, Lavinia Melania; I., Ciobanu, Iulia; K., Munteanu, Krisztina; E.R., Jacob, Emil Radu; L.A.B., Ghenciu, Laura Andreea Bolintineanu; E.R., Stoicescu, Emil Robert; M.A., Dima, Mirabela Adina	COVID-19 and Its Potential Impact on Children Born to Mothers Infected During Pregnancy: A Comprehensive Review	Diagnostics	14	21	10.3390/diagnostics14212443	2024				2-s2.0-85208400047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208400047&doi=10.3390%2Fdiagnostics14212443&partnerID=40&md5=c320965f703986b6b4a66eca7ba6b8c8	SCOPUS
1547	C., Vălean, Cristina; L., Marșavina, Liviu; E., Linul, Emanoil	Compressive behavior of additively manufactured lightweight structures: Infill density optimization based on energy absorption diagrams	Journal of Materials Research and Technology	33		10.1016/j.jmrt.2024.10.143	2024	4952	4967	16	2-s2.0-85206928508	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206928508&doi=10.1016%2Fj.jmrt.2024.10.143&partnerID=40&md5=5044f8c600b591c8fd10509aab08f322	SCOPUS
1548	R., Binali, Rüstem; L.R.R., da Silva, Leonardo Rosa Ribeiro; D.Y., Pimenov, Danil Yu; M., Kuntoğlu, Mustafa; A.R., Rocha Machado, Álisson Rocha; E., Linul, Emanoil	A review on progress trends of machining of Carbon Fiber Reinforced Plastics	Journal of Materials Research and Technology	33		10.1016/j.jmrt.2024.10.050	2024	4332	4359	28	2-s2.0-85206147052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206147052&doi=10.1016%2Fj.jmrt.2024.10.050&partnerID=40&md5=e8b6b183ec1fe9254200f25a67b8ad80	SCOPUS
1549	C., Tudoran, Cristina; M., Tudoran, Mariana; A., Abu-Awwad, Ahmed; S.A., Abu-Awwad, Simona Alina; C.I., Faur, Cosmin Ioan; M.M., Crișan-Vida, Mihaela Marcella; L., Stoicu-Tivadar, Lăcrămioara; F., Voită-Mekeres, Florica	Sex-related differences concerning the profile and evolution of cardiovascular complications in patients with post-acute COVID-19 syndrome	Life Sciences	356		10.1016/j.lfs.2024.123044	2024				2-s2.0-85203195715	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203195715&doi=10.1016%2Fj.lfs.2024.123044&partnerID=40&md5=4975d3034568b53843b53ffcb7d858b4	SCOPUS
1550	D., Pasmino, Diego; J., Slotboom, Johannes; B.B., Schweisthal, Brigitte Beatrix; P., Guevara, Pamela; W., Valenzuela, Waldo; E.J., Pino, Esteban J.	Comparison of baseline correction algorithms for in vivo 1H-MRS	NMR in Biomedicine	37	11	10.1002/nbm.5203	2024				2-s2.0-85197580035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197580035&doi=10.1002%2Fnbm.5203&partnerID=40&md5=b018ff6aef05d07223288d942032e9d5	SCOPUS

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1551	M.L., Vică, Mihaela Laura; M., Glevitzky, Mirel; G.A., Dumitre, Gabriela Alina; M., Popa, Maria; I., Glevitzky, Ioana; C.A., Teodoru, Cosmin Adrian	Antimicrobial Activity of Honey and Propolis from Alba County, Romania	Antibiotics	13	10	10.3390/antibiotics13100952	2024				2-s2.0-85207733394	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207733394&doi=10.3390%2Fantibiotics13100952&partnerID=40&md5=950d6b4005d93b356e69a238456b99dc	SCOPUS
1552	M.Z., Javed, Muhammad Zakria; M.U., Awan, Muhammad Uzair; L., Ciurdariu, Loredana; S.S., Dragomir, Silvestru Sever; Y., Almalki, Yahya	On Extended Class of Totally Ordered Interval-Valued Convex Stochastic Processes and Applications	Fractal and Fractional	8	10	10.3390/fractalfrac18100577	2024				2-s2.0-85207687972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207687972&doi=10.3390%2Ffractalfrac18100577&partnerID=40&md5=c6d99f11c8063c5e51bb8860247df79	SCOPUS
1553	C.D., Roșu, Cristian Dan; L.M., Bratu, Lavinia Melania; E.R., Stoicescu, Emil Robert; R.G., Jacob, Roxana Georgeta; O.A., Hațegan, Ovidiu Alin; L.A.B., Ghenciu, Laura Andreea Bolintineanu; S.L., Bolintineanu, Sorin Lucian	Cardiovascular Risk Factors as Independent Predictors of Diabetic Retinopathy in Type II Diabetes Mellitus: The Development of a Predictive Model	Medicina (Lithuania)	60	10	10.3390/medicina60101617	2024				2-s2.0-85207684846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207684846&doi=10.3390%2Fmedicina60101617&partnerID=40&md5=63331c33c8acc8de77bb2d370891fd61	SCOPUS
1554	N.Z., Ali, Naseem Zulfiqar; A.G., Khan, Awais Gul; M.U., Awan, Muhammad Uzair; L., Ciurdariu, Loredana; K., Brahim, Kamel	Design and Applicability of Two-Step Fractional Newton–Raphson Method	Fractal and Fractional	8	10	10.3390/fractalfrac18100582	2024				2-s2.0-85207684755	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207684755&doi=10.3390%2Ffractalfrac18100582&partnerID=40&md5=8434994dcdbd60f91878237647b7161b	SCOPUS
1555	A., Marișescu, Adelina; A.F., Crișan, Alexandru Florian; C.C., Pescaru, Camelia Corina; E.R., Stoicescu, Emil Robert; C.I., Oancea, Cristian Iulian; D., Jacob, Daniela	Effectiveness of Combined Pulmonary Rehabilitation and Progressive Muscle Relaxation in Treating Long-Term COVID-19 Symptoms: A Randomized Controlled Trial	Journal of Clinical Medicine	13	20	10.3390/jcm13206237	2024				2-s2.0-85207683106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207683106&doi=10.3390%2Fjcm13206237&partnerID=40&md5=6709f3b3809c901c194f6dfc808a3af1	SCOPUS
1556	I., Mitelea, Ion; I., Bordeasu, Ilare; D.P., Mutașcu, Daniel Paul; C.M., Crăciunescu, Corneliu Marius; I.D., Utu, Ion Dragos	Surface Integrity of Austenitic Manganese Alloys Hard Layers after Cavitation Erosion	Lubricants	12	10	10.3390/lubricants12100330	2024				2-s2.0-85207681975	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207681975&doi=10.3390%2Flubricants12100330&partnerID=40&md5=aa05bfe908dcae32007618b47127b894	SCOPUS

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1557	R.G., Iacob, Roxana Georgeta; D.L., Manolescu, Diana Luminița; E.R., Stoicescu, Emil Robert; S., Cerbu, Simona; T.R., Bardan, Tiberiu Răzvan; L.A.B., Ghenciu, Laura Andreea Bolintineanu; A.A., Cumpănaș, Alin Adrian	The Diagnostic Value of bpMRI in Prostate Cancer: Benefits and Limitations Compared to mpMRI	Bioengineering	11	10	10.3390/bioengineering11101006	2024				2-s2.0-85207669480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207669480&doi=10.3390%2Fbioengineering11101006&partnerID=40&md5=3d1033a22276bf57d9f1d2ba45996ed9	SCOPUS
1558	O., Ștefan, Octavian; A., Codrean, Alexandru	Networked Control of a Small Drone Resilient to Cyber Attacks	Drones	8	10	10.3390/drones8100552	2024				2-s2.0-85207657008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207657008&doi=10.3390%2Fdrone8100552&partnerID=40&md5=b8d6ce703846de5300602a1ea0cf5b93	SCOPUS
1559	A.A., Anton, Alin Adrian; P., Csereoka, Petra; E.A., Capota, Eugenia Ana; R.D., Cioargă, Razvan Dorel	Enhancing Syslog Message Security and Reliability over Unidirectional Fiber Optics	Sensors	24	20	10.3390/s24206537	2024				2-s2.0-85207463850	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207463850&doi=10.3390%2Fs24206537&partnerID=40&md5=f84fe93cbb5a06daf24a0d28d30e8	SCOPUS
1560	C.P., Chioncel, C. P.; S., Elisabeta, Spunei; O.G., Tirian, Ovidiu Gelu	The Problem of Power Variations in Wind Turbines Operating under Variable Wind Speeds over Time and the Need for Wind Energy Storage Systems	Energies	17	20	10.3390/en17205079	2024				2-s2.0-85207332423	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207332423&doi=10.3390%2Fen17205079&partnerID=40&md5=b1520a2742e9adcccfdaf27fa7c34dc	SCOPUS
1561	T.V., Gavrilović, Tamara V.; V.M., Despotović, Vladimir M.; M.I., Zot, Madalina Ileana; M.S., Trumic, Maja S.	Prediction of Flotation Deinking Performance: A Comparative Analysis of Machine Learning Techniques	Applied Sciences (Switzerland)	14	19	10.3390/app14198990	2024				2-s2.0-85206579859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206579859&doi=10.3390%2Fapp14198990&partnerID=40&md5=e747be9041677023bfafe72400e18d6	SCOPUS
1562	R., Blaga, Robert; D.G., Călinoiu, Delia Gabriela; G., Trif-Tordai, Gavrilă	Changes in Anthropogenic Aerosols during the First Wave of COVID-19 Lockdowns in the Context of Long-Term Historical Trends at 51 AERONET Stations	Remote Sensing	16	19	10.3390/rs16193618	2024				2-s2.0-85206466464	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206466464&doi=10.3390%2Frs16193618&partnerID=40&md5=d9ea14d4608375ce44d57f1d10ff76f3	SCOPUS

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1563	M., Pănoiu, Manuela; C., Pănoiu, Caius	Hybrid Deep Neural Network Approaches for Power Quality Analysis in Electric Arc Furnaces	Mathematics	12	19	10.3390/math12193071	2024				2-s2.0-85206345069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206345069&doi=10.3390%2Fmath12193071&partnerID=40&md5=b10d214757cf9ada8fd3b96e7ab478b0	SCOPUS
1564	A., Benis, Arriel; J., Grosjean, Julien; F., Disson, Flavien; M.M., Crișan-Vida, Mihaela Marcella; P., Weber, Patrick; L., Stoicu-Tivadar, Lăcrămioara; P.M., Staccini, Pascal M.; S.J., Darmoni, Stéfan Jacques	Empowering healthcare education: A multilingual ontology for medical informatics and digital health (MIMO) integrated to artificial intelligence powered training in smart hospitals	Health Informatics Journal	30	4	10.1177/14604582241287010	2024				2-s2.0-85205820656	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205820656&doi=10.1177%2F14604582241287010&partnerID=40&md5=0aab7ca37ac735bb9876d26f4ed9dc1c	SCOPUS
1565	D., Belega, Daniel; D., Petri, Dario	Frequency and damping factor estimation of real-valued damped sinusoids by means of an improved two-point Interpolated DFT algorithm	Digital Signal Processing: A Review Journal	153		10.1016/j.dsp.2024.104640	2024				2-s2.0-85196841180	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196841180&doi=10.1016%2Fj.dsp.2024.104640&partnerID=40&md5=d3d274703bbb0b2cc42d4f6606e99340	SCOPUS
1566	D.M., Dăianu, Daniel M.	General hyperstability criteria for Jensen-type equations	Aequationes Mathematicae	98	5	10.1007/s00010-024-01066-0	2024	1351	1371	21	2-s2.0-85191708297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191708297&doi=10.1007%2Fs00010-024-01066-0&partnerID=40&md5=f029b147e802e331c55e4a8e8257d3bf	SCOPUS
1567	I.A., Udrea, Ioan Alexandru; A.T., Lukinich-Gruia, Alexandra T.; C., Paul, Cristina; M.A., Pricop, Maria Alexandra; M.L., Dan, Mircea Laurențiu; V., Păunescu, Virgil; A., Băloi, Alexandru; C.A., Tatu, Călin Adrian; N., Vaszilcsin, N.; V.L., Ordodi, Valentin Laurentiu	Experimental Device for the “Green” Synthesis of Unbranched Aliphatic Esters C4–C8 Using an Audio Frequency Electric Field	Processes	12	9	10.3390/pr12091891	2024				2-s2.0-85205242285	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205242285&doi=10.3390%2Fpr12091891&partnerID=40&md5=e2316a8ee726c4b1e05d635eea95f73	SCOPUS
1568	R.D., Ene, Remus Daniel; N., Pop, Nicolina	Semi-Analytical Closed-Form Solutions of the Ball–Plate Problem	Processes	12	9	10.3390/pr12091977	2024				2-s2.0-85205237848	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205237848&doi=10.3390%2Fpr12091977&partnerID=40&md5=27ea6111ac5cc9f5990b57045a195687	SCOPUS

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1569	D.M., Onchis, Darian M.; C.M., Istin, Codruta Mihaela; I.V., Samuila, Ioan Valentin	Optimal Knowledge Distillation through Non-Heuristic Control of Dark Knowledge †	Machine Learning and Knowledge Extraction	6	3	10.3390/make6030094	2024	1921	1935	15	2-s2.0-85205230826	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205230826&doi=10.3390%2Fmake6030094&partnerID=40&md5=96cbe12df6f15b740736f1d55f6ab03b	SCOPUS
1570	C., Banciu, Claudia; A., Florea, Adrian; R., Bogdan, Razvan	Monitoring and Predicting Air Quality with IoT Devices	Processes	12	9	10.3390/pr12091961	2024				2-s2.0-85205226476	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205226476&doi=10.3390%2Fpr12091961&partnerID=40&md5=54fe0e28d86e701225138797f429048a	SCOPUS
1571	M.V., Cirdei, Mihaela Valentina; M.M., Margan, Mădălin Marius; R., Margan, Roxana; A., Bancuczerzan, Alexandra; I., Petre, Ion; I., Hulka, Iosif; R.M., Horhat, Razvan Mihai; C.D., Todea, Carmen Darinca	Surface and Mineral Changes of Primary Enamel after Laser Diode Irradiation and Application of Remineralization Agents: A Comparative In Vitro Study	Children	11	9	10.3390/children11091069	2024				2-s2.0-85205219456	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205219456&doi=10.3390%2Fchildren11091069&partnerID=40&md5=cee00918952293956b968ef2b2fcb862	SCOPUS
1572	Ș., Ungureanu, Ștefania; V., Ciocan, Veronica; C.O., Mureșan, Camélia Oana; E., Stan, Emanuela; G.D., Gavrilă, Georgiana Denisa; A., Sirmon, Alexandra; C., Pop, Cristian; A., Enache, Alexandra	Road Fatalities in Children Aged 0–17: Epidemiological Data and Forensic Aspects on a Series of Cases in a Single-Centre in Romania	Children	11	9	10.3390/children11091065	2024				2-s2.0-85205214015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205214015&doi=10.3390%2Fchildren11091065&partnerID=40&md5=64357e0587bd1601ed85730d43aa15a2	SCOPUS
1573	L.A.B., Ghenciu, Laura Andreea Bolintineanu; M.A., Dima, Mirabela Adina; E.R., Stoicescu, Emil Robert; R.G., Iacob, Roxana Georgeta; C., Boru, Casiana; O.A., Hațegan, Ovidiu Alin	Retinal Imaging-Based Oculomics: Artificial Intelligence as a Tool in the Diagnosis of Cardiovascular and Metabolic Diseases	Biomedicines	12	9	10.3390/biomedicines12092150	2024				2-s2.0-85205082863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205082863&doi=10.3390%2Fbiomedicines12092150&partnerID=40&md5=7b8b8de950cfd1d1de3fb9c61bf04922	SCOPUS
1574	L.A.B., Ghenciu, Laura Andreea Bolintineanu; A.M., Șîșu, Alina Maria; E.R., Stoicescu, Emil Robert; A.I., Dănilă, Alexandra Ioana; R.G., Iacob, Roxana Georgeta; M.A., Săndesc, Mihai Alexandru; O.A., Hațegan, Ovidiu Alin	Thyroid Eye Disease and Glaucoma: A Cross-Sectional Study Comparing Clinical Characteristics and Disease Severity	Medicina (Lithuania)	60	9	10.3390/medicina60091430	2024				2-s2.0-85205054269	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205054269&doi=10.3390%2Fmedicina60091430&partnerID=40&md5=55f9b37bddfd041701d7b9e759e6b6de	SCOPUS

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1575	A., Dumitrescu, Andreea; G.M., Vitcu, Gabriela Mut; S., Stoica, Svetlana; S.R., Susa, Septimiu Radu; E.R., Stoicescu, Emil Robert	Cardiovascular Risk Factors in Socioeconomically Disadvantaged Populations in a Suburb of the Largest City in Western Romania	Biomedicines	12	9	10.3390/biomedicines12091989	2024				2-s2.0-85205050934	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205050934&doi=10.3390%2Fbiomedicines12091989&partnerID=40&md5=3a6b9be3b680886612dcd53d91ae52a	SCOPUS
1576	A., Ene, Anna; A., Stratan, Aurel; I., Both, Ioan	Behaviour of Dissimilar Welded Connections of Mild Carbon (S235), Stainless (1.4404), and High-Strength (S690) Steels under Monotonic and Cyclic Loading	Metals	14	9	10.3390/met14090989	2024				2-s2.0-85205047194	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205047194&doi=10.3390%2Fmet14090989&partnerID=40&md5=7c9931d149adda7359b65a46450e9fce	SCOPUS
1577	A., Topirceanu, Alexandru	A Spatial Agent-Based Model for Studying the Effect of Human Mobility Patterns on Epidemic Outbreaks in Urban Areas	Mathematics	12	17	10.3390/math12172765	2024				2-s2.0-85204140619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204140619&doi=10.3390%2Fmath12172765&partnerID=40&md5=52f60548b6cda2852b0431e33e189d36	SCOPUS
1578	R.Ș., Vizitiu, Robert Ștefan; S.E., Vizitiu, Ștefanica Eliza; A., Burlacu, Andrei; C., Abid, Chérifa; M.C., Balan, Marius Costel; N.E., Kaba, Nicoleta Elena	Experimental Investigation of a Water–Air Heat Recovery System	Sustainability (Switzerland)	16	17	10.3390/su16177686	2024				2-s2.0-85204120115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204120115&doi=10.3390%2Fsu16177686&partnerID=40&md5=47689272e63dd226a437b694c6ba1bca0	SCOPUS
1579	D., Cosma, Daniela; I., Mitelea, Ion; I., Bordeasu, Ilare; I.D., Utu, Ion Dragos; C.M., Craciunescu, Corneliu Marius	Ultrasonic Cavitation Erosion Behavior of GX40CrNiSi25-20 Cast Stainless Steel through Yb-YAG Surface Remelting	Materials	17	17	10.3390/ma17174180	2024				2-s2.0-85203860523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203860523&doi=10.3390%2Fma17174180&partnerID=40&md5=6104f566c3414706aa0339ff600c12445	SCOPUS
1580	T., Babău, Theodora; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; A., Negrea, Adina; P., Negrea, Petru; N.S., Nemeș, Nicoleta Sorina; B.I., Pascu, Bogdan Ioan; M., Mihăilescu, Maria; C., Ianăși, Cătălin	Synthesis of Some Eco-Friendly Materials for Gold Recovery	Polymers	16	17	10.3390/polym16172512	2024				2-s2.0-85203854673	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203854673&doi=10.3390%2Fpolym16172512&partnerID=40&md5=151c98184b7a4ac84834a9b7662bf7d	SCOPUS

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1581	A.T., Lukinich-Gruia, Alexandra T.; C.L., Calma, Crenguta Livia; F.A.E., Szekely, Flavia A.E.; M.I., Cristea, Mirabela Iustina; M.A., Pricop, Maria Alexandra; A.G., Simina, Alina Georgiana; V.L., Ordodi, Valentin Laurentiu; N.M., Pavlović, Nikola M.; C.A., Tatu, Călin Adrian; V., Păunescu, Virgil	Mitochondrial Dysfunction in Aristolochic Acid I-Induced Kidney Diseases: What We Know and What We Do Not Know	Applied Sciences (Switzerland)	14	17	10.3390/app14177961	2024				2-s2.0-85203664045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203664045&doi=10.3390%2Fapp14177961&partnerID=40&md5=b44ce333646e8f2e2c2dd44e0172c08c	SCOPUS
1582	A., Tămaș, Andra; I., Bîtcă, Ioan; S.V., Nițu, Sabina Violeta; C., Paul, Cristina; I.C., Benea, Ioana Cristina; G.I., Rusu, Gerlinde I.; E., Perot, Elline; F., Peter, Francisc; A., Todea, Anamaria	Novel Aromatic Estolide Esters from Biobased Resources by a Green Synthetic Approach	Applied Sciences (Switzerland)	14	17	10.3390/app14177832	2024				2-s2.0-85203649119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203649119&doi=10.3390%2Fapp14177832&partnerID=40&md5=28751ac343db0a117f82c27c15f08e37	SCOPUS
1583	S.M., Ardelean, Sebastian Mihai; M., Udrescu, Mihai; V., Stangaciu, Valentin	Easy to integrate API for accessing true random numbers generated with IDQ's Quantis Appliance	SoftwareX	27		10.1016/j.softx.2024.101841	2024				2-s2.0-85200339083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200339083&doi=10.1016%2Fj.softx.2024.101841&partnerID=40&md5=ceecf28ca42e2a26d949d6818ad50d41a	SCOPUS
1584	A., Agache, Andrei; T., Cisma, Timea; M.L., Mocan, Marian Liviu; L., Ivascu, Larisa	Driving Towards Sustainable Transportation Systems: A bottom-up Traffic Modal Choices Analysis Using Responsible Management for Future Development Planning; Dezvoltarea sistemelor de transport durabile: o analiză a alegerilor modale de trafic folosind managementul responsabil pentru planificarea dezvoltării viitoare	Promet - Traffic and Transportation	36	4	10.7307/ptt.v36i4.556	2024	593	607	15	2-s2.0-85203057313	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203057313&doi=10.7307%2Fptt.v36i4.556&partnerID=40&md5=6feb087db4900059b738740349a316b	SCOPUS
1585	M., Osaci, Mihaela; M., Cacciola, Matteo; L., Gheorghe, Lavinia	Exploring the tendency of Brownian agglomeration in polydispersed systems of solid atmospheric aerosols	Physics of Fluids	36	8	10.1063/5.0218974	2024				2-s2.0-85202716299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202716299&doi=10.1063%2F5.0218974&partnerID=40&md5=11dc82e456b06db491030f8051a153	SCOPUS
1586	A., Korodi, Adrian; I.V., Nițulescu, Ioana Victoria; A.A., Fülöp, Adriana Anamaria; V.C., Vesa, Vladimir Cristian; P., Demian, Petru; R.A., Braneci, Robert Adelin; D., Popescu, Daniel	Integration of Legacy Industrial Equipment in a Building-Management System Industry 5.0 Scenario	Electronics (Switzerland)	13	16	10.3390/electronics13163229	2024				2-s2.0-85202660663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202660663&doi=10.3390%2Felectronics13163229&partnerID=40&md5=05d52f753821de95b789e774158e1270	SCOPUS

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1587	R.I., Zimbru, Răzvan Ionuț; E.L., Zimbru, Elena Larisa; V.L., Ordodi, Valentin Laurentiu; M.F., Bojin, Maria Florina; D., Crisnic, Daniela; M., Grijincu, Manuela; S.N., Mirica Nicoleta, Silvia Nicoleta; G., Tănăsie, Gabriela; M., Georgescu, Marius; I., Huțu, Ioan	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	International Journal of Molecular Sciences	25	16	10.3390/ijms25168868	2024				2-s2.0-85202657622	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202657622&doi=10.3390%2Fijms25168868&partnerID=40&md5=c257d2489934774c3dfe48f7d23b4970	SCOPUS
1588	L.A.B., Ghenciu, Laura Andreea Bolintineanu; O.A., Hațegan, Ovidiu Alin; S.L., Bolintineanu, Sorin Lucian; A.I., Dănilă, Alexandra Ioana; R.G., Jacob, Roxana Georgeta; E.R., Stoicescu, Emil Robert; M.A., Lupu, Maria Alina; T.R., Olariu, T. R.	Human Ocular Toxoplasmosis in Romania: History, Epidemiology, and Public Health: A Narrative Review	Microorganisms	12	8	10.3390/microorga-nisms12081541	2024				2-s2.0-85202639419	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202639419&doi=10.3390%2Fmicroorganisms12081541&partnerID=40&md5=df5ca7cc2c9b458d6aacd67dede2abae	SCOPUS
1589	V., Gherheș, Vasile; G.M., Dragomir, Gabriel Mugurel; M., Cernicova-Buca, Mariana; A., Palea, Adina	Enhancing Sustainability in University Campuses: A Study on Solid Waste Generation and Disposal Practices among Students in Politehnica University Timisoara, Romania	Sustainability (Switzerland)	16	16	10.3390/su16166866	2024				2-s2.0-85202621296	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202621296&doi=10.3390%2Fsu16166866&partnerID=40&md5=0c8222714bcd409fc1f2286867f6ff50	SCOPUS
1590	L.A.B., Ghenciu, Laura Andreea Bolintineanu; O.A., Hațegan, Ovidiu Alin; E.R., Stoicescu, Emil Robert; R.G., Jacob, Roxana Georgeta; A.M., Șişu, Alina Maria	Emerging Therapeutic Approaches and Genetic Insights in Stargardt Disease: A Comprehensive Review	International Journal of Molecular Sciences	25	16	10.3390/ijms25168859	2024				2-s2.0-85202615278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202615278&doi=10.3390%2Fijms25168859&partnerID=40&md5=46175d458ab05626bd156f3adbdf9911	SCOPUS
1591	C., Lupita, Cassandra; D.E., Bojoga, Daliana Emanuela; A., Del Vecchio, Alessandro; D.I., Stoaia, Dan Ioan; I., Grozav, Ion; M.I., Mirón, Mariana Ioana; C.D., Todea, Carmen Darinca Post	Photon-Induced Photo-Acoustic Streaming vs. Shock Wave-Enhanced Emission Photo-Acoustic Streaming—The Effect of Three Final Irrigation Protocols on the Bond Strength of an Individually Formed Fiber Post	Dentistry Journal	12	8	10.3390/dj12080237	2024				2-s2.0-85202610884	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202610884&doi=10.3390%2Fdj12080237&partnerID=40&md5=7243065a36cd89c1644b95bc15ae139a	SCOPUS
1592	R.C., Sibișanu, Remus Constantin; S., Cseminski, Stanislav; A.C., Ionică, Andreea Cristina; M., Leba, Monica; A., Draghici, A.; Y., Nassar, Yunis	Investigating School Principals' Burnout: A Cross-Cultural Perspective on Stress, Sustainability, and Organizational Climate	Sustainability (Switzerland)	16	16	10.3390/su16167016	2024				2-s2.0-85202606066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202606066&doi=10.3390%2Fsu16167016&partnerID=40&md5=38aef4158a9783fd02a19194f6f0844d	SCOPUS

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1593	C., Modiga, Cristina; A., Stoia, Andreea; M.T., Leretter, Marius Traian; A.C., Chis, Ana Codruța; A.V., Ardelean, Andreea Violeta; E.R., Azar, Edward Ronald; G., Kapor, Gabriel; D.M., Pop, Daniela Maria; M., Romînu, Mihai; C., Sinescu, Cosmin	Mechanical Assessment of Denture Polymers Processing Technologies	Journal of Functional Biomaterials	15	8	10.3390/jfb15080234	2024				2-s2.0-85202601798	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202601798&doi=10.3390%2Fjfb15080234&partnerID=40&md5=17a572be936254b0ba676e145f79118c	SCOPUS
1594	I.T., Perva, Iulia Teodora; I.E., Simina, Iulia Elena; R., Bende, Renata; A.C., Motofelea, Alexandru Catalin; A., Chirita-Emandi, Adela; N.I., Andreescu, Nicoleta Ioana; A.C., Sima, Alexandra Christa; A.R., Vlad, Adrian Radu; I., Sporea, Ioan; C.G., Zimbru, Cristian G.	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	Medicina (Lithuania)	60	8	10.3390/medicina60081366	2024				2-s2.0-85202481174	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202481174&doi=10.3390%2Fmedicina60081366&partnerID=40&md5=40860bb77980add3d46d068c19b7b9d2	SCOPUS
1595	X., Gao, Xiangli; T., Jie, Tianle; D., Xu, Datao; J., Gál, János; G., Fekete, Gusztáv; M., Liang, Minjun; Y., Gu, Yaodong	Adaptive Adjustments in Lower Limb Muscle Coordination during Single-Leg Landing Tasks in Latin Dancers	Biomimetics	9	8	10.3390/biomimetics9080489	2024				2-s2.0-85202472802	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202472802&doi=10.3390%2Fbiomimetics9080489&partnerID=40&md5=566bdc833d07288d2b3941f899aa2546	SCOPUS
1596	D.I., Dăescu, Diana Ionela; D.M., Dreava, Diana Maria; A., Todea, Anamaria; F., Peter, Francisc; I., Păușescu, Iulia	Intelligent Biopolymer-Based Films: Promising New Solutions for Food Packaging Applications	Polymers	16	16	10.3390/polym16162256	2024				2-s2.0-85202435295	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202435295&doi=10.3390%2Fpolym16162256&partnerID=40&md5=2d7ef77ee36011cb2231fd905e96ad8	SCOPUS
1597	L., Litu, Loredana; G., Buema, Gabriela; G.E., Moșoarcă, Giannin Emanuel; M., Harja, Maria	Copper Ion Removal by Adsorption Using Fly Ash-Based Geopolymers: Process Optimization Insights from Taguchi and ANOVA Statistical Methods	Materials	17	16	10.3390/ma17163992	2024				2-s2.0-85202430660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202430660&doi=10.3390%2Fma17163992&partnerID=40&md5=501b87e99f4f7cd57a6cf83764a00477	SCOPUS
1598	N., Herisanu, Nicolae; B.V., Marinca, Bogdan V.; V., Marinca, Vasile	Dynamic Analysis of a Uniform Microbeam Resting on a Nonlinear Foundation Considering Its Curvature Subjected to a Mechanical Impact and Electromagnetic Actuation	Micromachines	15	8	10.3390/mi15080969	2024				2-s2.0-85202349562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202349562&doi=10.3390%2Fmi15080969&partnerID=40&md5=d418a6d33f5c6945fc0d0092f29fc5a6	SCOPUS

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1599	U., Ali, Usman; S., Ullah, Sadiq; A., Basir, Abdul; S., Yan, Sen; H., Ren, Hongwei; B., Kamal, Babar; L., Matekovits, Ladislau	Design and performance investigation of metamaterial-inspired dual band antenna for WBAN applications	PLOS ONE	19	8 August	10.1371/journal.pone.0306737	2024				2-s2.0-85201047093	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201047093&doi=10.1371%2Fjournal.pone.0306737&partnerID=40&md5=a168151651daa1e225d77d6d6bcefbe0	SCOPUS
1600	S., Avram, Sebastian; R., Vasii, Radu	Optimal Passive Power Line Communication Filter for NB-PLC Applications	Electronics (Switzerland)	13	15	10.3390/electronics13152920	2024				2-s2.0-85200760543	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200760543&doi=10.3390%2Felectronics13152920&partnerID=40&md5=bfce5c2fe1e56f4b292e567d540034a	SCOPUS
1601	D., Sharma, Deepti; R.N., Tiwari, Rakesh Nath; S., Kumar, Sachin; S., Sharma, Satyendra; L., Matekovits, Ladislau	A Compact Wearable Textile Antenna for NB-IoT and ISM Band Patient Tracking Applications	Sensors	24	15	10.3390/s24155077	2024				2-s2.0-85200757358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200757358&doi=10.3390%2Fs24155077&partnerID=40&md5=05a2332c69d504d56932dcf75b65360f	SCOPUS
1602	A., Tokar, Adriana; D., Muntean, Daniel; D., Tokar, Dănuț; D., Bisorca, Daniel	Decarbonization of Heating and Cooling Systems of Buildings Located Nearby Surface Water Sources: Case Study	Energies	17	15	10.3390/en17153673	2024				2-s2.0-85200753637	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200753637&doi=10.3390%2Fen17153673&partnerID=40&md5=f7f2d3f3c1ffe316586367d55b77b35b	SCOPUS
1603	A.E., Artene, Alin Emanuel; A.E., Domil, Aura Emanuela; L., Ivascu, Larisa	Unlocking Business Value: Integrating AI-Driven Decision-Making in Financial Reporting Systems	Electronics (Switzerland)	13	15	10.3390/electronics13153069	2024				2-s2.0-85200748587	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200748587&doi=10.3390%2Felectronics13153069&partnerID=40&md5=9f0225edc374062693474ba37985a3b7	SCOPUS
1604	C., Lăzureanu, Cristian	The Cusp Bifurcation of a Jerk System	International Journal of Bifurcation and Chaos	34	10	10.1142/S0218127424501268	2024				2-s2.0-85199259756	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199259756&doi=10.1142%2FS0218127424501268&partnerID=40&md5=65805a1f88aaccb5a96e0ca27ea827d3	SCOPUS

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1605	R., Ianoș, Robert; I., Rus, Iulia; R.I., Lazău, Radu Ioan; R., Ciutan, Roxana	Near-infrared reflective coatings based on red-brown Ce1-xPrxO2 pigments	Applied Materials Today	39		10.1016/j.apmt.2024.102301	2024				2-s2.0-85196964961	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196964961&doi=10.1016%2Fj.apmt.2024.102301&partnerID=40&md5=a791763f5791635d4b6a155b0fe50cae	SCOPUS
1606	D.I., Stoia, Dan Ioan; E., Linul, Emanoil	Tensile, flexural and fracture properties of MEX-printed PLA-based composites	Theoretical and Applied Fracture Mechanics	132		10.1016/j.tafmec.2024.104478	2024				2-s2.0-85195058193	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195058193&doi=10.1016%2Fj.tafmec.2024.104478&partnerID=40&md5=78f4be8e3982652e8c297e59e3d3e216	SCOPUS
1607	I.O., Pop, Ion Octavian; L., Marșavina, Liviu; J., Dopeux, Jérôme; M., Metrope, Mickaël	A new approach for fracture process zone evaluation	Theoretical and Applied Fracture Mechanics	132		10.1016/j.tafmec.2024.104495	2024				2-s2.0-85195020611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195020611&doi=10.1016%2Fj.tafmec.2024.104495&partnerID=40&md5=ffc5639710c1e8291e86a57261e7714a	SCOPUS
1608	I., Sarbu, Ioan; A., Dorca, Alexandru	Investigation by monitoring and numerical simulation of the performance of a ground-source heat pump system with and without regeneration in different configurations and operating modes	Applied Thermal Engineering	250		10.1016/j.applthermaleng.2024.123507	2024				2-s2.0-85194403943	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194403943&doi=10.1016%2Fj.applthermaleng.2024.123507&partnerID=40&md5=9a989868dd0112728187157bcd1829e	SCOPUS
1609	L., Harding, Liliana; E., Kaslik, Eva; M., Neamțu, Mihaela; L.F., Vesa, Loredana Flavia	A five-dimensional unemployment model with two distributed time delays	Mathematical Methods in the Applied Sciences	47	11	10.1002/mma.10054	2024	8969	8984	16	2-s2.0-85189643690	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189643690&doi=10.1002%2Fmma.10054&partnerID=40&md5=84b3db5647313924cb751fbc6552af93	SCOPUS
1610	D., Susan-Resiga, Daniela; V.M., Socoliuc, Vlad Mircea; I., Borbáth, István; T., Borbáth, Tünde; S.C., Tripon, Septimiu Cassian; F., Bălănean, Florica; L.N., Vékás, Ladislau Nicolae	High magnetization composite magnetic fluid: structure, magnetorheology and new sealing mechanism in rotating seals	Soft Matter	20	31	10.1039/d3sm01693e	2024	6176	6192	17	2-s2.0-85199320779	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199320779&doi=10.1039%2Fd3sm01693e&partnerID=40&md5=ac61f70cce6177d532032ebf4f260481	SCOPUS

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1611	R., Blaga, Robert; O., Mares, Oana; E., Paulescu, Eugenia; R.S., Boata, Remus Stefan; A., Sabadus, Andreea; S.M., Hategan, Sergiu Mihai; D.G., Călinoiu, Delia Gabriela; N., Stefu, Nicoleta; M., Păulescu, Marius	Diffuse fraction as a tool for exploring the sensitivity of parametric clear-sky models to changing aerosol conditions	Solar Energy	277		10.1016/j.solener.2024.112731	2024				2-s2.0-85196937930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196937930&doi=10.1016%2Fj.solener.2024.112731&partnerID=40&md5=c53ebec3c811a6a54377b2fcc3d9c174	SCOPUS
1612	A.R., Buzatu, Alina Ramona; M.A., Soler, Miguel A.; O., Ozkilinc, Ozge; S., Fortuna, Sara; D.M., Dreava, Diana Maria; I., Bitcan, Ioan; P., Giannozzi, Paolo; F., Fogolari, Federico; L., Gardossi, Lucia; F., Peter, Francisc	Lipase-catalysed esterification in a reactive natural deep eutectic solvent leads to lauroylcholine chloride rather than glucose ester	Reaction Chemistry and Engineering	9	10	10.1039/d4re00209a	2024	2623	2634	12	2-s2.0-85199510037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199510037&doi=10.1039%2Fd4re00209a&partnerID=40&md5=952e0c0fe2c45767e0768ba2ddd2b2da	SCOPUS
1613	A.R., Buzatu, Alina Ramona; A., Todea, Anamaria; F., Peter, Francisc; C.G., Boeriu, Carmen G.	The Role of Reactive Natural Deep Eutectic Solvents in Sustainable Biocatalysis	ChemCatChem	16	13	10.1002/cctc.202301597	2024				2-s2.0-85184727367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184727367&doi=10.1002%2Fcctc.202301597&partnerID=40&md5=63cad764ec71c1e1866869be126e80d2	SCOPUS
1614	M.C., Langa, Maria Cristina; D.F., Nica, Diana Florina; V.F., Duma, Virgil-Florin Florin; E.R., Heredea, Elena Rodica; C., Sinescu, Cosmin	Dentigerous Cysts in Children: Clinical, Radiological, and Healing Aspects	Medicina (Lithuania)	60	7	10.3390/medicina60071133	2024				2-s2.0-85199880246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199880246&doi=10.3390%2Fmedicina60071133&partnerID=40&md5=cf0dc27b1584ec1e9f0bf283bd8b6ceb	SCOPUS
1615	B.D., Cioroagă, Bogdan Dorel; A.V., Socalici, Ana Virginia; V.G.G., Cioată, Vasile George George; E., Linul, Emanoil; I., Hulka, Iosif; I.M., Anghel, Iasmina Madalina	Influence of Submerged Arc Welding Current Intensity on the Mechanical Properties and Microstructure of Pressure Vessel P355N Steel	Materials	17	14	10.3390/ma17143520	2024				2-s2.0-85199792864	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199792864&doi=10.3390%2Fma17143520&partnerID=40&md5=9bfff26e0cd422f39f3d8aaff19a98166	SCOPUS
1616	M.I., Morariu, Mina Ionela; M., Nicolaescu, Mircea; I., Hulka, Iosif; N.M., Duțeanu, Narcis Mihai; C., Orha, Corina; C., Lăzău, Carmen; C.E., Badas Ratiu, C. Elena	Fabrication of Cu ₂ O/CuO Nanowires by One-Step Thermal Oxidation of Flexible Copper Mesh for Supercapacitor Applications	Batteries	10	7	10.3390/batteries10070246	2024				2-s2.0-85199671049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199671049&doi=10.3390%2Fbatteries10070246&partnerID=40&md5=0de97bf03429604f4d5025642ab3c792	SCOPUS

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1617	A.A., Alexa, Andreea Anda; V.N., Bercean, Vasile Nicolae; S.E., Boncea, Sabina Elena; A., Ledeti, Adriana; V., Badea, Valentin; A., Ridichie, Amalia; M.M., Moțoc, Marilena M.; I.V., Ledeti, Ionut Valentin	Synthesis, Characterization and Biological Activity Evaluation of Some 1,N-bis-(4-amino-5-mercapto-1,2,4-triazol-3-yl) Alkanes	Applied Sciences (Switzerland)	14	14	10.3390/app14146180	2024				2-s2.0-85199663345	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199663345&doi=10.3390%2Fapp14146180&partnerID=40&md5=4a22b10d6e8fc89f4f304fe81f5c5cc4	SCOPUS
1618	S.I., Bernad, Sandor Ianos; A., Bunge, Alexander; M.C., Ioncica, Maria Cristina; R.P., Turcu, R. Paula; M., Dan, Monica; V.M., Socoliuc, Vlad Mircea; D., Susan-Resiga, Daniela; E.S., Bernad, Elena Silvia	Impact of the Different Molecular Weights of Polyethylene Glycol (PEG) Coating Agents on the Magnetic Targeting Characteristics of Functionalized Magnetoresponse Nanoclusters	Magnetochemistry	10	7	10.3390/magnetocchemistry10070051	2024				2-s2.0-85199655959	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199655959&doi=10.3390%2Fmagnetocchemistry10070051&partnerID=40&md5=1b1b26627884f22c8379c4307728d404	SCOPUS
1619	G.N., Popa, Gabriel Nicolae; D.A., Nikolov, Dimitar Aleksiev; C.M., Diniș, Corina Maria	About the Aged Degradation of the Materials Used for Medium-Voltage Distributors	Energies	17	14	10.3390/en17143418	2024				2-s2.0-85199631833	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199631833&doi=10.3390%2Fen17143418&partnerID=40&md5=88aed41c887453e47e7bc2b9f8c956ec	SCOPUS
1620	I., Hulka, Iosif; J.C., Mirza-Rosca, Julia Claudia; A., Saceleanu, Adriana; I.D., Utu, Ion Dragos	Microstructure, Hardness and EIS Evaluation of Ti-15Zr-5Nb Dental Alloy	Crystals	14	7	10.3390/cryst14070602	2024				2-s2.0-85199618711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199618711&doi=10.3390%2Fcryst14070602&partnerID=40&md5=65032a6392631adb6b92510add13e36d	SCOPUS
1621	I.R., Munteanu, Ioana Roxana; R.E., Luca, Ruxandra Elena; E., Hoge, Elena; R.A., Erdelyi, Ralph Alexandru; V.F., Duma, Virgil-Florin Florin; L., Marșavina, Liviu; A.L., Globasu, Amelia Larisa; G.D., Constantin, George Dumitru; C.D., Todea, Carmen Darina	Microbiological and Imaging-Based Evaluations of Photodynamic Therapy Combined with Er:YAG Laser Therapy in the In Vitro Decontamination of Titanium and Zirconia Surfaces	Microorganisms	12	7	10.3390/microorgnisms12071345	2024				2-s2.0-85199599635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199599635&doi=10.3390%2Fmicroorganisms12071345&partnerID=40&md5=59813ff75529a28238ede2d377b5f42f	SCOPUS
1622	R.D., Ene, Remus Daniel; N., Pop, Nicolina	Closed-Form Solutions for Kermack–McKendrick Dynamical System	Symmetry	16	7	10.3390/sym16070889	2024				2-s2.0-85199576681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199576681&doi=10.3390%2Fsym16070889&partnerID=40&md5=26d3e834b5049b4156b885643eacc620	SCOPUS

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1623	A., Forton, Andrei; A.L., Ciutina, Adrian Liviu; A., Stirb, Adelin; P., Marc, Paul; C., Costescu, Ciprian; A., Ciopec, Alexandra	Evaluation of Bio-Rejuvenator and Compaction Conditions on Stiffness Modulus and Indirect Tensile Strength of Recycled Hot Mix Asphalt	Materials	17	13	10.3390/ma17133081	2024				2-s2.0-85198369627	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198369627&doi=10.3390%2Fma17133081&partnerID=40&md5=9fe8f89c43c3165cf00a95b1d3e4eeb0	SCOPUS
1624	M.M., Rajath Hegde, Muduvalli Mahabala; P.N., B, Pradeep N.; P., S, Parameshwara; M.P., Gowdru Chandrashekarappa, Manjunath Patel; E., Linul, Emanoil	Synthesis and characterization of multi-walled carbon nanotube-reinforced Ti-Mg alloy prepared by mechanical alloying and microwave sintering	Journal of Materials Research and Technology	31		10.1016/j.jmrt.2024.06.120	2024	1236	1249	14	2-s2.0-85196659825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196659825&doi=10.1016%2Fj.jmrt.2024.06.120&partnerID=40&md5=5ec364d599a1c60fd4b9a761e3e51cfc	SCOPUS
1625	C.A., Popa, Călin Adrian	Stability and synchronization of octonion-valued neural networks with leakage and mixed delays on time scales	Computational and Applied Mathematics	43	5	10.1007/s40314-024-02820-5	2024				2-s2.0-85196648283	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196648283&doi=10.1007%2Fs40314-024-02820-5&partnerID=40&md5=91c6e18dd94ce908b8307469343ddb02	SCOPUS
1626	D., Bocan, Dragos; C., Bocan, Catalina; A.L., Keller, Alexandra Iasmina; A., Gruin, Aurelian	Analysis of Thermal Rehabilitation and Seismic Strengthening Solutions Suitable for Heritage Structures	Sustainability (Switzerland)	16	13	10.3390/su16135369	2024				2-s2.0-85195878772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195878772&doi=10.3390%2Fsu16135369&partnerID=40&md5=01737f6c6704773993c3021f3ff54861	SCOPUS
1627	D., Belega, Daniel; D., Petri, Dario; D., Dallet, Dominique	Generalized multi-point interpolated DTFT frequency and damping factor estimators of real-valued damped sinusoids	Measurement: Journal of the International Measurement Confederation	234		10.1016/j.measurement.2024.114885	2024				2-s2.0-85192753488	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192753488&doi=10.1016%2Fj.measurement.2024.114885&partnerID=40&md5=42f434334b30626697274d6b1c5afce2	SCOPUS
1628	I.A., Zamfirache, Iuliu Alexandru; R.E., Precup, Radu Emil; E.M., Petriu, Emil M.	Adaptive reinforcement learning-based control using proximal policy optimization and slime mould algorithm with experimental tower crane system validation	Applied Soft Computing	160		10.1016/j.asoc.2024.111687	2024				2-s2.0-85192488900	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192488900&doi=10.1016%2Fj.asoc.2024.111687&partnerID=40&md5=19a16baebfaabdbca89fee20c1ace23	SCOPUS

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1629	F., Dinu, Florea; C., Neagu, Calin; R., Laszlo, Robert; E., Ghicioi, Emilian; M., Șenilă, Mihai; D., Dubină, Dan	Behavior of steel liner tray walls under external blast: Experimental testing and numerical simulations	Engineering Structures	310		10.1016/j.engstruct.2024.118106	2024				2-s2.0-85192272163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192272163&doi=10.1016%2Fj.engstruct.2024.118106&partnerID=40&md5=9465aa787c25f07e7a8a2928119e4a3c	SCOPUS
1630	D., Belega, Daniel; D., Petri, Dario	Complex-Valued Noisy Sinewaves Frequency Estimator Based on DTFT Linearization and Interpolation	Circuits, Systems, and Signal Processing	43	7	10.1007/s00034-024-02691-5	2024	4624	4642	19	2-s2.0-85191950822	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191950822&doi=10.1007%2Fs00034-024-02691-5&partnerID=40&md5=bfd88aec86d159f4e6dc719bafc5107f	SCOPUS
1631	C., Vălean, Cristina; I.N., Orbulov, Imre Norbert; A., Kemény, Alexandra; E., Linul, Emanoil	Low-cycle compression-compression fatigue behavior of MEX-printed PLA parts	Engineering Failure Analysis	161		10.1016/j.engfailanal.2024.108335	2024				2-s2.0-85191170966	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191170966&doi=10.1016%2Fj.engfailanal.2024.108335&partnerID=40&md5=d41e736e107fe572ebbc86626b0a8f36	SCOPUS
1632	S.V., Galațanu, Sergiu Valentin; L., Marșavina, Liviu; J., Kováčik, Jaroslav; E., Linul, Emanoil	Influence of density and loading speed on static and impact properties of closed-cell metallic foams	Engineering Failure Analysis	161		10.1016/j.engfailanal.2024.108297	2024				2-s2.0-85189932638	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189932638&doi=10.1016%2Fj.engfailanal.2024.108297&partnerID=40&md5=265a445137dbf86d5bdf0be47fe3add	SCOPUS
1633	R., Ardelean, Radu; A., Popa, Adriana; A., Visa, Aurelia; E.S., Dragan, Ecaterina Stela; C.M., Davidescu, Corneliu Mircea	Synthesis, characterization and applications of poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid pendant groups as high-performance adsorbents for acetylsalicylic acid	Polymer Bulletin	81	10	10.1007/s00289-023-05123-7	2024	8783	8809	27	2-s2.0-85182248852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182248852&doi=10.1007%2Fs00289-023-05123-7&partnerID=40&md5=2e17940934aa52c84f4c7029d0dda55f	SCOPUS
1634	E., Djuissi, Emerance; J., Boffelli, Jeffrey; R., Hassaine, Riyad; N., Pop, Nicolina; V., Laporta, V.; K., Chakrabarti, Kalyan; M.A., Ayouz, Mehdi Adrien; A., Bultel, Arnaud; J.Z., Mezei, János Z.; I.F., Schneider, Ioan F.	Reactive collisions between electrons and BeH ⁺ above dissociation threshold	Physical Chemistry Chemical Physics	26	26	10.1039/d4cp01736f	2024	18311	18320	10	2-s2.0-85197846744	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197846744&doi=10.1039%2Fd4cp01736f&partnerID=40&md5=23d21a6c6b95448b1608ccfd738750ad	SCOPUS

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1635	D.C.S., Untaru, Daniela Cristina Stoica; T.E., Man, Teodor Eugen; R.F., Beilicci, Robert Florin; A.A., Ienciu, Anișoara Aurelia; M., Visescu, Mircea; M., Ilca, Marin	ADVANCED NUMERICAL MODELING USING MIKE 11 TO DETERMINE THE WATER VOLUME ACCUMULATION IN A DRAINAGE CHANNEL FOR IRRIGATION USE	Environmental Engineering and Management Journal	23	6	10.30638/eeemj.2024.092	2024	1129	1138	10	2-s2.0-85204030795	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204030795&doi=10.30638/eeemj.2024.092&partnerID=40&md5=6264b2158319424b6dd144ef04d2c301	SCOPUS
1636	C., Maria Iordache, Cristina; A.N., Luca, Alexandru Nicolae; I., Bordeasu, Ilare; G., Ciungu, Gabriela; B., Ghiban, Brândușa	Cavitational Erosion Behavior of a Biodegradable Alloy from the Zn-Mg System for Biomedical Applications	Tribology in Industry	46	2	10.24874/ti.1604.11.23.01	2024	315	323	9	2-s2.0-85197406783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197406783&doi=10.24874/ti.1604.11.23.01&partnerID=40&md5=8c3736c54be1b0a879ed7a3d974025d4	SCOPUS
1637	A.N., Luca, Alexandru Nicolae; I., Bordeasu, Ilare; C., Maria Iordache, Cristina; G., Ciungu, Gabriela; B., Ghiban, Brândușa; M., Miculescu, Marian; L., Madalina Micu, Lavinia	Heat Treatment Influence on the Cavitational Erosion Zn-Mg Behavior Used for Biomedical Applications	Tribology in Industry	46	2	10.24874/ti.1548.09.23.11	2024	270	282	13	2-s2.0-85197365030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197365030&doi=10.24874/ti.1548.09.23.11&partnerID=40&md5=1089e833f6d5946d5e2d3bf673a308d3	SCOPUS
1638	L.A.B., Ghenciu, Laura Andreea Bolintineanu; O.A., Hațegan, Ovidiu Alin; S.L., Bolintineanu, Sorin Lucian; A.I., Dănilă, Alexandra Ioana; A.C., Faur, Alexandra Corina; C., Prodan-Bărbulescu, Catalin; E.R., Stoicescu, Emil Robert; R.G., Iacob, Roxana Georgeta; A.M., Șişu, Alina Maria	Immune-Mediated Ocular Surface Disease in Diabetes Mellitus—Clinical Perspectives and Treatment: A Narrative Review	Biomedicines	12	6	10.3390/biomedicines12061303	2024				2-s2.0-85197285612	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197285612&doi=10.3390/biomedicines12061303&partnerID=40&md5=ac16c9890bc9ab23a68140ef08890d35	SCOPUS
1639	J., Jankowski, Jacek; M., Kotelko, Maria; V., Ungureanu, Viorel	Numerical and Experimental Analysis of Buckling and Post-Buckling Behaviour of TWCFs Lipped Channel Section Members Subjected to Eccentric Compression	Materials	17	12	10.3390/ma17122874	2024				2-s2.0-85197212109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197212109&doi=10.3390/ma17122874&partnerID=40&md5=77e94eea5170786d048174b914045145	SCOPUS
1640	A., Berbentea, Alexandra; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; A., Negrea, Adina; P., Negrea, Petru; N.S., Nemeș, Nicoleta Sorina; B.I., Pascu, Bogdan Ioan; P., Svera, Paula; C., Ianași, Cătălin; D.M., Duda-Seiman, Daniel Marius	Advanced Photocatalytic Degradation of Cytarabine from Pharmaceutical Wastewaters	Toxics	12	6	10.3390/toxics12060405	2024				2-s2.0-85197180921	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197180921&doi=10.3390/toxics12060405&partnerID=40&md5=074bab57329bbb5f960bee7aebd8c1b	SCOPUS

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1641	I.D., Utu, Ion Dragos; I.M., Anghel, Iasmina Madalina; I., Hulka, Iosif; G.M., Marginean, Gabriela M.	Design, Manufacturing, Microstructure, and Surface Properties of Brazed Co-Based Composite Coatings Reinforced with Tungsten Carbide Particles	Crystals	14	6	10.3390/cryst14060576	2024				2-s2.0-85197154616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197154616&doi=10.3390%2Fcryst14060576&partnerID=40&md5=7539f7b3bb732de19b2c088c801ddedd	SCOPUS
1642	I., Hulka, Iosif; I.D., Utu, Ion Dragos; S.J., Brito-Garcia, Santiago Jose; A., Verdu-Vazquez, Amparo; J.C., Mirza-Rosca, Julia Claudia	Electrochemical Study and Mechanical Properties of Ti-Zr Alloy for Biomedical Applications	Crystals	14	6	10.3390/cryst14060493	2024				2-s2.0-85197147237	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197147237&doi=10.3390%2Fcryst14060493&partnerID=40&md5=13f7ff7a328db5ef574432d9237914a	SCOPUS
1643	O.S., Sarău, Oana Silvana; A.E., Moacă, Alina Elena; A.D., Semenescu, Alexandra Denisa; R., Voda, Raluca; A.R., Jijie, Alex Robert; M., Poenaru, Marioara; C.A., Dehelean, Cristina Adriana; A., Chevereșan, Adelina	Physicochemical and Toxicological Screening of Silver Nanoparticle Biosynthesis from Punica granatum Peel Extract	Inorganics	12	6	10.3390/inorganics12060160	2024				2-s2.0-85196904855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196904855&doi=10.3390%2Finorganics12060160&partnerID=40&md5=d25d54bb32ef1b30e793c44cdd6b626a	SCOPUS
1644	A.I., Feier, Anamaria Ioana; M., Brîndușoiu, Mihai; D.F., Nițoi, Daniel Florin; O.R., Chivu, Oana Roxana; D., Dubic, Demetrius; A., Țăpirdea, Alin; I.C., Enache, Ioana Catalina	Optimization of a Dissimilar Joint Using Additive Manufacturing	Macromolecular Symposia	413	3	10.1002/masy.202300196	2024				2-s2.0-85196555857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196555857&doi=10.1002%2Fmasy.202300196&partnerID=40&md5=7ae995136361295431a2f1cddb3c68e	SCOPUS
1645	R., Bostan, Roxana; M., Glevitzky, Mirel; S., Varvara, Simona; G.A., Dumitrel, Gabriela Alina; G.I., Rusu, Gerlinde I.; M., Popa, Maria; I., Glevitzky, Ioana; M.L., Vică, Mihaela Laura	Utilization of Natural Adsorbents in the Purification of Used Sunflower and Palm Cooking Oils	Applied Sciences (Switzerland)	14	11	10.3390/app14114417	2024				2-s2.0-85195979350	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195979350&doi=10.3390%2Fapp14114417&partnerID=40&md5=032951d8860c5cba7836b1ec04cbd84d	SCOPUS
1646	A.P., Botezatu, Adrian Paul; A., Burlacu, Adrian; C., Orhei, Ciprian	A Review of Deep Learning Advancements in Road Analysis for Autonomous Driving	Applied Sciences (Switzerland)	14	11	10.3390/app14114705	2024				2-s2.0-85195955867	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195955867&doi=10.3390%2Fapp14114705&partnerID=40&md5=3cc5682f14ca7c77b8046b3b19817a02	SCOPUS
1647	R., Szabo, Roland	Developing Different Test Conditions to Verify the Robustness and Versatility of Robotic Arms Controlled by Evolutionary Algorithms	Electronics (Switzerland)	13	11	10.3390/electronics13112130	2024				2-s2.0-85195851614	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195851614&doi=10.3390%2Felectronics13112130&partnerID=40&md5=e87a4576b7d97503a86b871ddd5debfe	SCOPUS

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1648	G., Longobardi, Giovanna; M., Moșoarcă, Marius; A., Gruin, Aurelian; A., Ion, Alexandru; A., Formisano, Antonio	An Innovative, Lightweight, and Sustainable Solution for the Integrated Seismic Energy Retrofit of Existing Masonry Structures	Sustainability (Switzerland)	16	11	10.3390/su16114791	2024				2-s2.0-85195845434	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195845434&doi=10.3390%2Fsu16114791&partnerID=40&md5=93586963c7399a8d3590485284fee387	SCOPUS
1649	I., Fărcean, Ioana; G.I., Proștean, Gabriela Ioana; E.D., Ardelean, Erika Diana; A.V., Socalici, Ana Virginia; A., Marius, Ardelean	Development of a Waste Management Strategy in a Steel Company	Sustainability (Switzerland)	16	11	10.3390/su16114378	2024				2-s2.0-85195838085	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195838085&doi=10.3390%2Fsu16114378&partnerID=40&md5=176c60197a6be7d737c6624fbf24943d	SCOPUS
1650	E., Veleam, Estera; P., Foti, Pietro; F., Berto, Filippo; L., Marşavina, Liviu	Static and fatigue behavior of 3D printed smooth and notched PLA and short carbon fibers reinforced PLA	Theoretical and Applied Fracture Mechanics	131		10.1016/j.tafmec.2024.104417	2024				2-s2.0-85190115904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190115904&doi=10.1016%2Fj.tafmec.2024.104417&partnerID=40&md5=0a7d7efbd10ec87837a7514543bcb9ed	SCOPUS
1651	A., Milovanović, Aleksa; M., Montanari, Matteo; Z.Z., Golubović, Zorana Z.; M.P., Mărghițaș, Mihai Petru; A., Spagnoli, Andrea; R., Brighenti, Roberto; A.S., Sedmak, Aleksandar S.	Compressive and flexural mechanical responses of components obtained through mSLA vat photopolymerization technology	Theoretical and Applied Fracture Mechanics	131		10.1016/j.tafmec.2024.104406	2024				2-s2.0-85189761297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189761297&doi=10.1016%2Fj.tafmec.2024.104406&partnerID=40&md5=f0c4055202a627fe9567e3d8f94e0710	SCOPUS
1652	C.D., Cunțan, Corina Daniela; C., Pănoiu, Caius; M., Pănoiu, Manuela; I., Baciuc, Ioan; S.S., Mezinescu, Sergiu S.	Using the LabVIEW Simulation Program to Design and Determine the Characteristics of Amplifiers		3	2	10.3390/chips3020004	2024	69	97	29	2-s2.0-105012408618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012408618&doi=10.3390%2Fchips3020004&partnerID=40&md5=0b516ecc8224fac37252ca28ab068fe7	SCOPUS
1653	R., George Roy, Roji; Ü., Ağbulut, Ümit; C., Preno Koshi, Chacko; A., Y., Alex; K.S., Sailesh, K. S.; S., Afghan Khan, Sher; R.D., Jilte, R. D.; E., Linul, Emanoil; M., Asif, Mohammad	Impact of synthesizing surfactant-modified catalytic ceria nanoparticles on the performance and environmental behaviors of coconut oil/diesel-fueled CI engine: An optimization attempt	Energy	295		10.1016/j.energy.2024.130825	2024				2-s2.0-85188961596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188961596&doi=10.1016%2Fj.energy.2024.130825&partnerID=40&md5=dd43f3ddb1022193b3011349ed05f5bf	SCOPUS
1654	M., Gosta, Mihai; M., Fofiu, Mihai; I., Kirizsán, Imola	Comparison Regarding the Carbon Footprint of Various Sustainable Seismic Consolidation Solutions for Romanian Orthodox Churches	Sustainability (Switzerland)	16	10	10.3390/su16103979	2024				2-s2.0-85194401491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194401491&doi=10.3390%2Fsu16103979&partnerID=40&md5=88789b800ea64cfa37c743a86ba845	SCOPUS

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1655	D., Bordeasu, Dorin; F., Drăgan, Florin; I.A., Filip, Ioan A.; I., Szeidert, Iosif; O.G., Tirian, Ovidiu Gelu	Estimation of Centrifugal Pump Efficiency at Variable Frequency for Irrigation Systems	Sustainability (Switzerland)	16	10	10.3390/su16104134	2024				2-s2.0-85194386863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194386863&doi=10.3390%2Fsu16104134&partnerID=40&md5=3f8e6581e790a909a6b5bd27b4a58050	SCOPUS
1656	A., Todea, Anamaria; I., Bîtcă, Ioan; M., Giannetto, Marco; I.I., Rădoi, Iulia Ioana; R., Bruschi, Raffaele; M., Renzi, Monia; S., Anselmi, Serena; F., Provenza, Francesca; T., Bentivoglio, Tecla; F., Asaro, Fioretta	Enzymatic Synthesis and Structural Modeling of Bio-Based Oligoesters as an Approach for the Fast Screening of Marine Biodegradation and Ecotoxicity	International Journal of Molecular Sciences	25	10	10.3390/ijms25105433	2024				2-s2.0-85194219500	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194219500&doi=10.3390%2Fijms25105433&partnerID=40&md5=5ed690a0422b6e617722c366fdce2713	SCOPUS
1657	M., Andor, Minodora; C., Temereancă, Claudia; L., Sbârcea, Laura; A., Ledeti, Adriana; D.E., Man, Dana Emilia; C., Mornos, Cristian; A., Ridichie, Amalia; D., Cirioban, Denisa; G., Vlase, Gabriela; P., Barvinschi, Paul	Host–Guest Interaction Study of Olmesartan Medoxomil with β -Cyclodextrin Derivatives	Molecules	29	10	10.3390/molecules29102209	2024				2-s2.0-85194219030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194219030&doi=10.3390%2Fmolecules29102209&partnerID=40&md5=4fdaa5b6f22a7baa82b86fa9299c3ae4	SCOPUS
1658	R.M., Steflea, Ruxandra Maria; R.F., Stroescu, Ramona Florina; M., Gafencu, M.; E.R., Stoicescu, Emil Robert; R., Isac, Raluca; I.C., Olariu, Ioana Cristina; A.M., Micescu-Olah, Andrada Mara; S.R., Susa, Septimiu Radu; M., Murariu, Mircea; G.S., Doros, Gabriela Simona	A Pilot Comparative Study between Creatinine- and Cystatin-C-Based Equations to Estimate GFR and Kidney Ultrasound Percentiles in Children with Congenital Anomalies of the Kidney and Urinary Tract	Diagnostics	14	10	10.3390/diagnostics14100994	2024				2-s2.0-85194193005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194193005&doi=10.3390%2Fdiagnostics14100994&partnerID=40&md5=4ea2d66a9bbf29d725c1f0e3cc2e0abd	SCOPUS
1659	S., Liga, Sergio; C., Paul, Cristina	Puerarin—A Promising Flavonoid: Biosynthesis, Extraction Methods, Analytical Techniques, and Biological Effects	International Journal of Molecular Sciences	25	10	10.3390/ijms25105222	2024				2-s2.0-85194146544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194146544&doi=10.3390%2Fijms25105222&partnerID=40&md5=e6dc36a6d75ea92fad055a6d984a8469	SCOPUS
1660	E.A., Lovasz, Evelyn Astrid; D.F., Lascu, Dan Florentin; S., Lica, Septimiu	Digitally Controlled Hybrid Switching Step-Up Converter	Electronics (Switzerland)	13	9	10.3390/electronics13091740	2024				2-s2.0-85193015438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193015438&doi=10.3390%2Felectronics13091740&partnerID=40&md5=b6b3a2f87ccca1048e9773b391bca0d0	SCOPUS
1661	H., Mousavi, Hossein; A.H., Dehghanipour, Amir Hossein; C.S.S., Ferreira, Carla Sofia Santos; Z., Kalantari, Zahra	Investigating the Impact of Large Lakes on Local Precipitation: Case Study of Lake Urmia, Iran	Water (Switzerland)	16	9	10.3390/w16091250	2024				2-s2.0-85192764434	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192764434&doi=10.3390%2Fw16091250&partnerID=40&md5=41a1d996020fb3b9d9a33925f5aa3a03e	SCOPUS

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1662	A., Pană, Adrian; A., Băloi, Alexandru; F., Molnar-Matei, Florin; C., Stănescu, Cristian; A., Jorza, Andrei; D., Stoica, David	Two-Way Power Flow Balancing in Three-Phase Three-Wire Networks by Unbalanced Capacitive Shunt Compensation	Applied Sciences (Switzerland)	14	9	10.3390/app14093746	2024				2-s2.0-85192740797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192740797&doi=10.3390%2Fapp14093746&partnerID=40&md5=acf840034509ec9768e4506eba9a6b79	SCOPUS
1663	I., Mitelea, Ion; D.P., Mutașcu, Daniel Paul; O.L., Karancsi, Olimpiu Ladislau; C.M., Crăciunescu, Corneliu Marius; D., Buzdugan, Dragoș; I.D., Utu, Ion Dragoș	Microstructural Investigations of Weld Deposits from Manganese Austenitic Alloy on X2CrNiMoN22-5-3 Duplex Stainless Steel	Applied Sciences (Switzerland)	14	9	10.3390/app14093751	2024				2-s2.0-85192738988	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192738988&doi=10.3390%2Fapp14093751&partnerID=40&md5=369128f8bd989cd7cc3cc473befd96ab	SCOPUS
1664	R.D., Ene, Remus Daniel; N., Pop, Nicolina	Semi-Analytical Closed-Form Solutions for Dynamical Rössler-Type System	Mathematics	12	9	10.3390/math12091308	2024				2-s2.0-85192717719	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192717719&doi=10.3390%2Fmath12091308&partnerID=40&md5=d1b6da4ba57132589289505e14f0c718	SCOPUS
1665	R.S., Nanjundaiah, Rashmi Saragur; S.S., Rao, Shrikantha Sasithilhu; K., Praveenkumar, K.; R.T., Prabhu, Ram T.; A.K., Shettigar, Arun Kumar; M.P., Gowdru Chandrashekarappa, Manjunath Patel; E., Linul, Emanoil	Fretting wear behavior on LPBF processed AlSi10Mg alloy for different heat treatment conditions	Journal of Materials Research and Technology	30		10.1016/j.jmrt.2024.04.147	2024	4330	4346	17	2-s2.0-85190872017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190872017&doi=10.1016%2Fj.jmrt.2024.04.147&partnerID=40&md5=544258c352fdbeaff429a5d3aff125b	SCOPUS
1666	A., Sabadus, Andreea; R., Blaga, Robert; S.M., Hategan, Sergiu Mihai; D.G., Călinoiu, Delia Gabriela; E., Paulescu, Eugenia; O., Mares, Oana; R.S., Boata, Remus Stefan; N., Ștefău, Nicoleta; M., Păulescu, Marius; V., Bădescu, Vioarel	A cross-sectional survey of deterministic PV power forecasting: Progress and limitations in current approaches	Renewable Energy	226		10.1016/j.renene.2024.120385	2024				2-s2.0-85189750319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189750319&doi=10.1016%2Fj.renene.2024.120385&partnerID=40&md5=855ded6cf95d313f6d63d45c36e0b919	SCOPUS
1667	C., Vălean, Cristina; E., Linul, Emanoil; G., Palomba, Giulia; G., Epasto, Gabriella	Single and repeated impact behavior of material extrusion-based additive manufactured PLA parts	Journal of Materials Research and Technology	30		10.1016/j.jmrt.2024.03.150	2024	1470	1481	12	2-s2.0-85189010195	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189010195&doi=10.1016%2Fj.jmrt.2024.03.150&partnerID=40&md5=4b8576ead7ebae3d2a8589f63016d6f4	SCOPUS
1668	E., Linul, Emanoil; S.V., Galațanu, Sergiu Valentin; L., Marșavina, Liviu; J., Kováčik, Jaroslav	Crushing behavior of closed-cell metallic foams: Anisotropy and temperature effects	Journal of Materials Research and Technology	30		10.1016/j.jmrt.2024.03.186	2024	1436	1449	14	2-s2.0-85188934963	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188934963&doi=10.1016%2Fj.jmrt.2024.03.186&partnerID=40&md5=969bb0233f289a5364d58e03f96ccfa6	SCOPUS

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1669	F., Hussain, Fayaz; S., Ramesh, S.; A., Afzal, Asif; Ü., Ağbulut, Ümit; S., Afghan Khan, Sher; M., Asif, Mohammad; V., Raja, Vijayanandh; E., Linul, Emanoil	Investigation of numerical phase transition of nano-enhanced SiC/paraffin wax PCM in solar-assisted water desalination system	Thermal Science and Engineering Progress	50		10.1016/j.tsep.2024.102528	2024				2-s2.0-85188839586	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188839586&doi=10.1016%2Fj.tsep.2024.102528&partnerID=40&md5=fa5a35310c060742e0ff444809464da8	SCOPUS
1670	L.V., Costea, Liviu Virgil; M.E., Radulescu-Grad, Maria Elena; G., Fafilek, Guenter	Electrochemical and density functional theory studies of some newly synthesized azo-stilbene chromogenic structures	Monatshefte fur Chemie	155	5	10.1007/s00706-024-03189-1	2024	493	505	13	2-s2.0-85187657353	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187657353&doi=10.1007%2Fs00706-024-03189-1&partnerID=40&md5=3d2c10fe9e31195059e8b4b4e04bde94	SCOPUS
1671	J., Sun, Jianmin; M., Sarfraz, Muddassar; L., Ivascu, Larisa; H., Han, Heesup; I., Ozturk, Ilknur	Live streaming and livelihoods: Decoding the creator Economy's influence on consumer attitude and digital behavior	Journal of Retailing and Consumer Services	78		10.1016/j.jretconser.2024.103753	2024				2-s2.0-85184622372	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184622372&doi=10.1016%2Fj.jretconser.2024.103753&partnerID=40&md5=eb2b00c448576bfa9326b7b8cd83067	SCOPUS
1672	C., Magazzino, Cosimo; M., Mele, Marco; C.T., Albulescu, Claudiu Tiberiu; N., Apergis, Nicholas; M.I., Mutaşcu, Mihai Ioan	The presence of a latent factor in gasoline and diesel prices co-movements	Empirical Economics	66	5	10.1007/s00181-023-02523-6	2024	1921	1939	19	2-s2.0-85176614241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176614241&doi=10.1007%2Fs00181-023-02523-6&partnerID=40&md5=145c816e3a6f3fbc6375a59c200984c	SCOPUS
1673	S., Soares, Sara; F.N., Serralha, F. N.; M.C., Paz, Maria Catarina; N., Carriço, Nelson; S.V., Galaţanu, Sergiu Valentin	Unveiling the data: An analysis of plastic waste with emphasis on the countries of the EUDRES2 alliance	Heliyon	10	7	10.1016/j.heliyon.2024.e28375	2024				2-s2.0-85188718533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188718533&doi=10.1016%2Fj.heliyon.2024.e28375&partnerID=40&md5=41f594ca889902ba11670fb2c2a4be00	SCOPUS
1674	F., Dinu, Florea; C., Neagu, Calin; D., Dubină, Dan; M., Şenilă, Mihai; R., Laszlo, Robert; E., Ghicioi, Emilian	Experimental and numerical studies on steel liner tray walls under static transverse loads	Engineering Structures	305		10.1016/j.engstruct.2024.117666	2024				2-s2.0-85186116064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186116064&doi=10.1016%2Fj.engstruct.2024.117666&partnerID=40&md5=4976cb6a62a266f7f48cfcdbd1f8a8a5a	SCOPUS

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1675	A.M.M.F., Lupuți, Antonio M.F. Marius Flavius; M., Salinschi, Marin; M., Babescu, Marius; H., Ciocărlie, Horia	THE DEPENDENCE BETWEEN THE OPTIMAL MECHANICAL ANGULAR SPEED AND THE VARIABLE WIND SPEED FROM AN ENERGETIC POINT OF VIEW; LA DÉPENDANCE ENTRE LA VITESSE ANGULAIRE MÉCANIQUE OPTIMALE ET LA VITESSE VARIABLE DU VENT D'UN POINT DE VUE ÉNERGÉTIQUE	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	69	1	10.59277/RRST-EE.2024.1.9	2024	49	55	7	2-s2.0-85191457523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191457523&doi=10.59277%2FRRST-EE.2024.1.9&partnerID=40&md5=e147d1af4bae255c1645079ad3b33f2d	SCOPUS
1676	M., Cernicova-Buca, Mariana	Experiences in “Letting the Public in”: Tentative Conclusions on the Administration-Public Tango for Co-Responsible Local Governance	Changing Societies and Personalities	8	1	10.15826/csp.2024.8.1.267	2024	128	144	17	2-s2.0-85194744812	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194744812&doi=10.15826%2Fcsp.2024.8.1.267&partnerID=40&md5=8a8a735150d2f93843d9dee6a7c00811	SCOPUS
1677	I., Mitelea, Ion; D.P., Mutașcu, Daniel Paul; I.D., Utu, Ion Dragos; C.M., Crăciunescu, Corneliu Marius; I., Bordeasu, Ilare	Cavitation Erosion of the Austenitic Manganese Layers Deposited by Pulsed Current Electric Arc Welding on Duplex Stainless Steel Substrates	Crystals	14	4	10.3390/cryst14040315	2024				2-s2.0-85191491491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191491491&doi=10.3390%2Fcrist14040315&partnerID=40&md5=3cd e27b0f31745a8372cf86b8a4285b5	SCOPUS
1678	L.M., Șuta, Lenuța Maria; A., Ridichie, Amalia; A., Ledeti, Adriana; C., Temereancă, Claudia; I.V., Ledeti, Ionut Valentin; D., Muntean, Delia; M., Rădulescu, Matilda; R.M., Varut, Renata Maria; C.G., Watz, Claudia Geanina; F., Crăineanu, Florentin	Host–Guest Complexation of Itraconazole with Cyclodextrins for Bioavailability Enhancement	Pharmaceutics	16	4	10.3390/pharmaceutics16040560	2024				2-s2.0-85191401450	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191401450&doi=10.3390%2Fpharmaceutics16040560&partnerID=40&md5=a2ad40ebd731302af51ce017f7d77fec	SCOPUS
1679	G.C., Cervantes Puma, Genesis Camila; A., Salles, Adriana; J., Turk, Janez; V., Ungureanu, Viorel; L., Bragança, L.	Utilisation of Reused Steel and Slag: Analysing the Circular Economy Benefits through Three Case Studies	Buildings	14	4	10.3390/buildings14040979	2024				2-s2.0-85191392774	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191392774&doi=10.3390%2Fbuildings14040979&partnerID=40&md5=d68783300c6c9e13446c75e134293002	SCOPUS
1680	A.I., Dănilă, Alexandra Ioana; L.A.B., Ghenciu, Laura Andreea Bolintineanu; E.R., Stoicescu, Emil Robert; S.L., Bolintineanu, Sorin Lucian; R.G., Iacob, Roxana Georgeta; M.A., Săndesc, Mihai Alexandru; A.C., Faur, Alexandra Corina	Aldose Reductase as a Key Target in the Prevention and Treatment of Diabetic Retinopathy: A Comprehensive Review	Biomedicines	12	4	10.3390/biomedicines12040747	2024				2-s2.0-85191373195	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191373195&doi=10.3390%2Fbiomedicines12040747&partnerID=40&md5=262c49f809a7ed35f455198853ac2008	SCOPUS

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1681	C., Lăzureanu, Cristian; J., Cho, Jinyoung	On a Family of Hamilton–Poisson Jerk Systems	Mathematics	12	8	10.3390/math12081260	2024				2-s2.0-85191360693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191360693&doi=10.3390%2Fmath12081260&partnerID=40&md5=f7390533ff74afee38e61d859284fe63	SCOPUS
1682	M., Pislaru, Marius; C.S., Vlad, Ciprian Sorin; L., Ivascu, Larisa; I.I., Mircea, Iulia Ioana	Citizen-Centric Governance: Enhancing Citizen Engagement through Artificial Intelligence Tools	Sustainability (Switzerland)	16	7	10.3390/su16072686	2024				2-s2.0-85190293061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190293061&doi=10.3390%2Fsu16072686&partnerID=40&md5=02cb49c2e293ff244d639b5efid74ef93	SCOPUS
1683	C.M., Diniș, Corina Maria; G.N., Popa, Gabriel Nicolae	An Experimental Analysis of Three-Phase Low-Voltage Power Factor Controllers Used in a Deforming Regime	Energies	17	7	10.3390/en17071647	2024				2-s2.0-85190292575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190292575&doi=10.3390%2Fen17071647&partnerID=40&md5=cc0e71e8f6fcd68b4c3a8230d3ca8502	SCOPUS
1684	C.P., Chioncel, C. P.; S., Elisabeta, Spunei; O.G., Tirian, Ovidiu Gelu	Visualizing the Maximum Energy Zone of Wind Turbines Operating at Time-Varying Wind Speeds	Sustainability (Switzerland)	16	7	10.3390/su16072659	2024				2-s2.0-85190287659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190287659&doi=10.3390%2Fsu16072659&partnerID=40&md5=9f54ceaaba01334db4e275381e02205b	SCOPUS
1685	A.C., Novac, Andreea Codruta; A., Tudor, Anca; D.M., Pop, Daniela Maria; C.S., Neagu, Carina Sonia; E.L., Crăciunescu, Emanuela Lidia; M., Rominu, Mihai; M.L., Negrutiu, Meda Lavinia; V.F., Duma, Virgil-Florin Florin; C., Sinescu, Cosmin	Conventional Dental Impressions vs. Impressions Reinforced with Rigid Mouthguards	Polymers	16	7	10.3390/polym16070994	2024				2-s2.0-85190248794	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190248794&doi=10.3390%2Fpolym16070994&partnerID=40&md5=eb1cb73fb7fea5bd79a24f64e4b0764b	SCOPUS
1686	D., Daminescu, Diana; N.M., Duțeanu, Narcis Mihai; M., Ciopec, Mihaela; A., Negrea, Adina; P., Negrea, Petru; N.S., Nemeș, Nicoleta Sorina; B.I., Pascu, Bogdan Ioan; C., Ianăși, Cătălin; L., Cotet, Lucian	Adsorption of Scandium Ions by Amberlite XAD7HP Polymeric Adsorbent Loaded with Tri-n-Octylphosphine Oxide	Molecules	29	7	10.3390/molecules29071578	2024				2-s2.0-85190242302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190242302&doi=10.3390%2Fmolecules29071578&partnerID=40&md5=0b7982a84cedc761c1b4c73b1eab43c6	SCOPUS
1687	C.M., Diniș, Corina Maria; G.N., Popa, Gabriel Nicolae; C.D., Cuntan, Corina Daniela; A., Iagar, Angela	Aspects Regarding of Passive Filters Sustainability for Non-Linear Single-Phase Consumers	Sustainability (Switzerland)	16	7	10.3390/su16072776	2024				2-s2.0-85190239368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190239368&doi=10.3390%2Fsu16072776&partnerID=40&md5=e5c576436c6298caeb58cc5654561880	SCOPUS

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1688	F., Hussain, Fayaz; S., Ramesh, S.; V., Raja, Vijayanandh; E., Linul, Emanoil; S.A., Khan, Sher Afghan; M., Asif, Mohammad; A., Buradi, Abdulrajak; O.D., Samuel, Olusegun David	Temporal numerical analysis of beeswax PCM melting in a cube geometry subjected to a constant wall temperature condition	Case Studies in Thermal Engineering	56		10.1016/j.csite.2024.104273	2024				2-s2.0-85188510357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188510357&doi=10.1016%2Fj.csite.2024.104273&partnerID=40&md5=19d82b3063ae1d06e76ed52d12a8e679	SCOPUS
1689	A.V., Nagornyi, Anatolii V.; M.V., Avdeev, M. V.; V.M., Socoliuc, Vlad Mircea; O.I., Ivankov, O. I.; A.A., Tomchuk, Alina A.; L.N., Vékás, Ladislau Nicolae	Particle correlations in concentrated aqueous ferrofluids upon dilution by small-angle X-ray scattering	Journal of Magnetism and Magnetic Materials	595		10.1016/j.jmmm.2024.171923	2024				2-s2.0-85187196862	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187196862&doi=10.1016%2Fj.jmmm.2024.171923&partnerID=40&md5=14111eae3f709867a245b10464316f0	SCOPUS
1690	V., Stangaci, Valentin; C.S., Stangaci, Cristina Sorina; D.I., Curiac, Daniel Ioan; M.V., Micea, Mihai Victor	PARSECS_RT: A real-time PARSECS-based communication protocol stack for critical sensing applications	Internet of Things (The Netherlands)	25		10.1016/j.iot.2024.101139	2024				2-s2.0-85186474244	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186474244&doi=10.1016%2Fj.iot.2024.101139&partnerID=40&md5=0ad7a87b12056c43a92ae41a91a6766a	SCOPUS
1691	C., Tanasa, Cristina; D., Dan, Daniel; L.M., Moga, Ligia M.	Investigating the influence of building shape and insulation thickness on energy efficiency of buildings	Energy for Sustainable Development	79		10.1016/j.esd.2024.101384	2024				2-s2.0-85184665083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184665083&doi=10.1016%2Fj.esd.2024.101384&partnerID=40&md5=572a818e44bd6aba141c3a5f6fc184ed	SCOPUS
1692	A., Kellenberger, Andrea; N., Vaszilcsin, N.; M.L., Dan, Mircea Laurențiu; I., Mitelea, Ion; A.A., Geană, Alexandru Adrian; S., Laedre, Sigrid; C.M., Crăciunescu, Corneliu Marius	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	Acta Metallurgica Sinica (English Letters)	37	4	10.1007/s40195-023-01653-1	2024	607	619	13	2-s2.0-85183343240	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183343240&doi=10.1007%2Fs40195-023-01653-1&partnerID=40&md5=71a3dc60e5307203589f4efc06bac461	SCOPUS
1693	S.G.M., Shah, Syed Ghulam Meran; L., Ivascu, Larisa	Accentuating the moderating influence of green innovation, environmental disclosure, environmental performance, and innovation output between vigorous board and Romanian manufacturing firms' performance	Environment, Development and Sustainability	26	4	10.1007/s10668-023-03164-6	2024	10569	10589	21	2-s2.0-85151452477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151452477&doi=10.1007%2Fs10668-023-03164-6&partnerID=40&md5=08275ee8daac37c622e59bcc5f4d388d	SCOPUS

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1694	A.S., Sedmak, Aleksandar S.; D., Radu, Dorin; M., Arandelović, Mihajlo; S.A., Sedmak, Simon A.; R., Băncilă, Radu	Residual life assessment of the historical road riveted bridges	Engineering Fracture Mechanics	299		10.1016/j.engfracmech.2024.109960	2024				2-s2.0-85185839135	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185839135&doi=10.1016%2Fj.engfracmech.2024.109960&partnerID=40&md5=1acaf65692c4bb4c65c6807fa36a3219	SCOPUS
1695	R., Blaga, Robert; D.G., Călinoiu, Delia Gabriela; M., Păulescu, Marius	A methodology for realistic estimation of the aerosol impact on the solar potential	Solar Energy	271		10.1016/j.solener.2024.112425	2024				2-s2.0-85186427209	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186427209&doi=10.1016%2Fj.solener.2024.112425&partnerID=40&md5=d52fd1651d0e5943d11dab5e27614367	SCOPUS
1696	I., Rus, Iulia; R., Ianoș, Robert; R.I., Lazău, Radu Ioan; C., Păcurariu, Cornelia; I., Moldovan, Ionela; A., Dabici, Anamaria	Near-infrared reflective coatings based on Ca1-xNdxA112-xNixO19 blue pigments, prepared by solution combustion synthesis	Ceramics International	50	6	10.1016/j.ceramint.2023.12.288	2024	9697	9709	13	2-s2.0-85181945720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181945720&doi=10.1016%2Fj.ceramint.2023.12.288&partnerID=40&md5=c2756ed3208e80b9ffa9340b8ee40d	SCOPUS
1697	V., Marinca, Vasile; B.V., Marinca, Bogdan V.; N., Herisanu, Nicolae	Study of heat transfer in MHD viscoelastic fluid of second grade over a stretching porous sheet with electromagnetic effects and nonuniform source/sink	Journal of Computational and Applied Mathematics	439		10.1016/j.cam.2023.115601	2024				2-s2.0-85173405803	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173405803&doi=10.1016%2Fj.cam.2023.115601&partnerID=40&md5=f1926e7104f0f2c3ac6e0d72fa8d2a5c	SCOPUS
1698	W., Li, Wenjie; X., Liu, Xiangpeng; D., Wang, Danning; W., Lu, Wei; B., Yuan, Bo; C., Qin, Chengjin; Y., Cheng, YuHua; C.D., Căleanu, Cătălin Daniel	MITDCNN: A multi-modal input Transformer-based deep convolutional neural network for misfire signal detection in high-noise diesel engines	Expert Systems with Applications	238		10.1016/j.eswa.2023.121797	2024				2-s2.0-85172896003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172896003&doi=10.1016%2Fj.eswa.2023.121797&partnerID=40&md5=95b09802c6888f5d739726148ff2b6d7	SCOPUS
1699	D.H., Ursu, Daniel Horatiu; M., Miclău, Marinela; C., Casut, Cristian; D., Albușescu, Daiana; C., Birtok-Baneasa, Corneliu; M., Vajda, Melinda	Efficient indoor dye-sensitized solar cells based on TiO2 hollow sphere	Journal of Alloys and Compounds	976		10.1016/j.jallcom.2023.173134	2024				2-s2.0-85179621370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179621370&doi=10.1016%2Fj.jallcom.2023.173134&partnerID=40&md5=dfa720d30be2fb3e6f0dd2da8cabb4fe	SCOPUS

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1700	T.R., Ploscă, Traian Radu; C.D., Curiac, Christian Daniel; D.I., Curiac, Daniel Ioan	Investigating Semantic Differences in User-Generated Content by Cross-Domain Sentiment Analysis Means	Applied Sciences (Switzerland)	14	6	10.3390/app14062421	2024				2-s2.0-85192475589	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192475589&doi=10.3390%2Fapp14062421&partnerID=40&md5=de68d376e8142481ef5b1012885e3a9f	SCOPUS
1701	M.E., Crisan, Manuela E.; C.V., Muntean, Cornelia Veronica; Y.M., Chumakov, Yu M.; N., Pleșu, Nicoleta	Investigating the Corrosion Inhibition Mechanisms of Alkanolammonium Salts: A Case Study with Ethylethanolammonium 4-Nitrobenzoate on Carbon Steel in Saline Solution	Applied Sciences (Switzerland)	14	5	10.3390/app14051832	2024				2-s2.0-85192463564	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192463564&doi=10.3390%2Fapp14051832&partnerID=40&md5=cac2e1c28500cbb6ab77c7a5dd84a5cd	SCOPUS
1702	S., Bularka, Szilard; M., Vajda, Melinda; E., Ilieș, Elisei; R., Ricman, Radu; M., Marinca, Magdalena; M., Miclău, Marinela; A., Gontean, Aurel; D.H., Ursu, Daniel Horatiu	Photovoltaic Tiles for the Wavelength-Selective Greenhouse: Exploring Yellow and Green Dye-Sensitized Solar Cells in Outdoor Conditions	Applied Sciences (Switzerland)	14	5	10.3390/app14051957	2024				2-s2.0-85192449510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192449510&doi=10.3390%2Fapp14051957&partnerID=40&md5=799dc8319c35a6ae6a95d9bb9dce9383	SCOPUS
1703	C., Vancea, Cosmin; L., Ciocarlie, Loredana; A., Negrea, Adina; G.E., Moșoarcă, Giannin Emanuel; M., Ciopec, Mihaela; N.M., Duțeanu, Narcis Mihai; P., Negrea, Petru; B.I., Pascu, Bogdan Ioan; N.S., Nemeș, Nicoleta Sorina	Evaluation of Functionalized Amberlite Type XAD7 Polymeric Resin with L-Valine Amino Acid Performance for Gallium Recovery	Polymers	16	6	10.3390/polym16060837	2024				2-s2.0-85189088533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189088533&doi=10.3390%2Fpolym16060837&partnerID=40&md5=00a7f8087f12277e2a02e69c361e1267	SCOPUS
1704	M., Niehaus, Markus; M.L., Mocan, Marian Liviu	Cultivating Design Thinking for Sustainable Business Transformation in a VUCA World: Insights from a German Case Study	Sustainability (Switzerland)	16	6	10.3390/su16062447	2024				2-s2.0-85189042896	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189042896&doi=10.3390%2Fsu16062447&partnerID=40&md5=f0b5a9f8f7372d5d28694a61d211c40b	SCOPUS
1705	A., Căta, Adina; I.M.C., Ienascu, Ioana Maria Carmen; A., Frum, Adina; D.H., Ursu, Daniel Horatiu; P., Svera, Paula; C., Orha, Corina; G.I., Rusu, Gerlinde I.; A.A., Chiș, Adriana Aurelia; C.M., Dobrea, Carmen Maximiliana; C., Morgovan, Claudiu	Preparation and Characterization of a Novel Salicin–Cyclodextrin Complex	Pharmaceutics	16	3	10.3390/pharmaceutics16030369	2024				2-s2.0-85189042166	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189042166&doi=10.3390%2Fpharmaceutics16030369&partnerID=40&md5=edc7ac74811e62e5a1f42c6d88bee2c6	SCOPUS

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1706	A.S., Anastasiadis, Anthimos S.; M., Moșoarcă, Marius	Earthquake Resilient near Zero Energy Buildings: Attributes and Perspectives	Sustainability (Switzerland)	16	6	10.3390/su16062317	2024				2-s2.0-85189032367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189032367&doi=10.3390%2Fsu16062317&partnerID=40&md5=57e6ee06aac2d4c8f99e61f841b	SCOPUS
1707	L., Suci, Liana; S.M., Ardelean, Sebastian Mihai; M., Udrescu, Mihai; F.D., Goldiș, Florina Diana; D., Hânda, Daiana; M.M., Tuică, Maria Medana; S.O., Vasii, Sabina Oana; L., Udrescu, Lucreția	Categorical Analysis of Database Consistency in Reporting Drug–Drug Interactions for Cardiovascular Diseases	Pharmaceutics	16	3	10.3390/pharmaceutics16030339	2024				2-s2.0-85189026397	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189026397&doi=10.3390%2Fpharmaceutics16030339&partnerID=40&md5=1bf1929d2cf6f888db9ca2a1d37debd27	SCOPUS
1708	A.A., Rus, Andreea Alexandra; M.A., Lazar, Mihai Andrei; R.I., Negrea, Romeo Iosif; A.R., Cozlac, Alina Ramona; C., Vacarescu, Cristina; R., Șoșdean, Raluca; S.A., Luca, Silvia Ana; D.I., Gaiță, Dan Ion; C., Mornos, Cristian	Short-Term Changes in Weather Conditions and the Risk of Acute Coronary Syndrome Hospitalization with and without ST-Segment Elevation: A Focus on Vulnerable Subgroups	Medicina (Lithuania)	60	3	10.3390/medicina60030454	2024				2-s2.0-85188938601	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188938601&doi=10.3390%2Fmedicina60030454&partnerID=40&md5=98eced1d84ef3beed534b8911296c59b	SCOPUS
1709	M., Pănoiu, Manuela; C., Pănoiu, Caius; P., Ivascanu, Petru	Power Factor Modelling and Prediction at the Hot Rolling Mills' Power Supply Using Machine Learning Algorithms	Mathematics	12	6	10.3390/math12060839	2024				2-s2.0-85188915902	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188915902&doi=10.3390%2Fmath12060839&partnerID=40&md5=eee44db945945601372fe0db1982032	SCOPUS
1710	D.H., Ursu, Daniel Horatiu; C., Casut, Cristian; D., Albulescu, Daiana; M., Vajda, Melinda; C., Mosoarca, Cristina; M., Miclău, Marinela	Enhanced Indoor Conversion Efficiency of Dye-Sensitized Solar Cells by Optimizing Ball-Milling Process of TiO2 Paste	Coatings	14	3	10.3390/coatings14030283	2024				2-s2.0-85188817267	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188817267&doi=10.3390%2Fcoatings14030283&partnerID=40&md5=829403a755d1563457e37d0fe4f5d4a	SCOPUS
1711	I.M., Anghel, Iasmina Madalina; D., Utu, Diana; I., Mitelea, Ion; A.T., Constantin, Albert Titus; I.D., Utu, Ion Dragos	Surface Characteristics of Vacuum-Plasma-Sprayed Reinforced Stainless Steel Coatings with TiC Particles	Coatings	14	3	10.3390/coatings14030289	2024				2-s2.0-85188789619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188789619&doi=10.3390%2Fcoatings14030289&partnerID=40&md5=e33bad124af32012c1ec146d9b2444bf	SCOPUS

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1712	E.R., Iacob, Emil Radu; R.G., Iacob, Roxana Georgeta; L.A.B., Ghenciu, Laura Andreea Bolintineanu; T.A., Popoiu, Tudor Alexandru; E.R., Stoicescu, Emil Robert; C.M., Popoiu, Călin Marius	Small Scale, High Precision: Robotic Surgery in Neonatal and Pediatric Patients—A Narrative Review	Children	11	3	10.3390/children11030270	2024				2-s2.0-85188782109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188782109&doi=10.3390%2Fchildren11030270&partnerID=40&md5=723695cd6197c22252c396ebdab269da	SCOPUS
1713	R.G., Iacob, Roxana Georgeta; E.R., Iacob, Emil Radu; E.R., Stoicescu, Emil Robert; D.M., Ghenciu, Delius Mario; D.M., Cocolea, Daiana Marina; A., Constantinescu, Amalia; L.A.B., Ghenciu, Laura Andreea Bolintineanu; D.L., Manolescu, Diana Luminița	Evaluating the Role of Breast Ultrasound in Early Detection of Breast Cancer in Low- and Middle-Income Countries: A Comprehensive Narrative Review	Bioengineering	11	3	10.3390/bioengineering11030262	2024				2-s2.0-85188778365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188778365&doi=10.3390%2Fbioengineering11030262&partnerID=40&md5=5c110a254d11712193943a8dcbf1dc91	SCOPUS
1714	G.N., Popa, Gabriel Nicolae; C.M., Diniș, Corina Maria	Low-Cost System with Transient Reduction for Automatic Power Factor Controller in Three-Phase Low-Voltage Installations	Energies	17	6	10.3390/en17061363	2024				2-s2.0-85188753400	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188753400&doi=10.3390%2Fen17061363&partnerID=40&md5=a6692cfd50b1aa51e705e0f7acf545e	SCOPUS
1715	A., Stadlbauer, Andreas; K., Nikolic, Katarina; S., Oberndorfer, Stefan; F., Marhold, Franz; T.M., Kinfe, Thomas Mehari; A., Meyer-Baese, Anke; D.A., Bistriian, Diana Alina; O., Schnell, Oliver; A., Doerfler, Arnd	Machine Learning-Based Prediction of Glioma IDH Gene Mutation Status Using Physio-Metabolic MRI of Oxygen Metabolism and Neovascularization (A Bicerter Study)	Cancers	16	6	10.3390/cancers16061102	2024				2-s2.0-85188718914	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188718914&doi=10.3390%2Fcancers16061102&partnerID=40&md5=d9ee092dfec9fb7efc3ef95d9327c76	SCOPUS
1716	T., Sun, Tiankui; Y., Sun, Yingying; B., Ma, Beijia; F., Bu, Feifei; Y., Qin, Ya; Q., Liu, Qi; S.I., Deaconu, Sorin Ioan	A Comprehensive Review on Comparison and Performance of Five-Phase Space Vector Pulse Width Modulation Overmodulation Strategies	Energies	17	6	10.3390/en17061356	2024				2-s2.0-85188716983	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188716983&doi=10.3390%2Fen17061356&partnerID=40&md5=18d7d80a17ea9b92dbd2bffa969e2458	SCOPUS
1717	C.C., Suciuc, Cosmin Constantin; S.V., Igrăș, Sorin Vlad; I., Vetres, Ion; I.C., Ionel, Ioana C.	Review of the Integration of Hybrid Electric Turbochargers for Mass-Produced Road Vehicles	Energies	17	6	10.3390/en17061484	2024				2-s2.0-85188712002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188712002&doi=10.3390%2Fen17061484&partnerID=40&md5=8f8596a36e18d7547d851264b45a5a8f	SCOPUS

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1718	P.A., Linul, Petrică Andrei; R., Bănică, Radu; O.A., Grad, Oana Alexandra; E., Linul, Emanoil; N., Vaszilesin, N.	Highly Electroconductive Metal-Polymer Hybrid Foams Based on Silver Nanowires: Manufacturing and Characterization	Polymers	16	5	10.3390/polym16050608	2024				2-s2.0-85187780491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187780491&doi=10.3390%2Fpolym16050608&partnerID=40&md5=083d31281e58a5cfbac860ebd51a3e4	SCOPUS
1719	O.R., Voinescu, Oana Raluca; B.I., Ionescu, Bogdana Ioana; S., Militaru, Sebastian; A.S., Afana, Andreea Sorina; R.A., Sascau, Radu Andy; L., Vasiliu, Laura; S.C., Onciul, Sebastian C.; A.M., Dobrescu, Amelia Mihaela; A.R., Cozlac, Alina Ramona; D.C., Cozma, Dragoș C.	Genetic Characterization of Dilated Cardiomyopathy in Romanian Adult Patients	International Journal of Molecular Sciences	25	5	10.3390/ijms25052562	2024				2-s2.0-85187469544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187469544&doi=10.3390%2Fijms25052562&partnerID=40&md5=97b3d2e99aa846c00932396576fd84	SCOPUS
1720	E.R., Stoicescu, Emil Robert; R.G., Iacob, Roxana Georgeta; A.C., Ilie, Adrian Cosmin; E.R., Iacob, Emil Radu; S.R., Susa, Septimiu Radu; L.A.B., Ghenciu, Laura Andreea Bolintineanu; A., Constantinescu, Amalia; D.M., Cocolea, Daiana Marina; C.I., Oancea, Cristian Iulian; D.L., Manolescu, Diana Luminița	Differentiating Viral from Bacterial Pneumonia in Children: The Diagnostic Role of Lung Ultrasound—A Prospective Observational Study	Diagnostics	14	5	10.3390/diagnostics14050480	2024				2-s2.0-85187427275	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187427275&doi=10.3390%2Fdiagnostics14050480&partnerID=40&md5=2c1fd845166b3d8957b2490ae225740f	SCOPUS
1721	A.I., Keller, Alexandra Iasmina; M., Moșoarcă, Marius	Historic timber roof structure vulnerability assessment procedures – Critical analysis and comparison	Journal of Cultural Heritage	66		10.1016/j.culher.2023.11.011	2024	132	141	10	2-s2.0-85178396673	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178396673&doi=10.1016%2Fj.culher.2023.11.011&partnerID=40&md5=a27377fe479932abd109ea7aabdbdfa3	SCOPUS
1722	P.V., Elumalai, P. V.; R., Krishnaiah, Ravi; K.S., Prasad, Kalapala Srinivasa; S.R., Medapati, Sreenivasa Reddy; S.R., Sree, Sripada Rama; M., Asif, Mohammad; S.A., Khan, Sher Afghan; E., Linul, Emanoil	Compatibility Effects of Waste Cooking Oil Biodiesel Blend on Fuel System Elastomers in Compression Ignition Engines	ACS Omega	9	6	10.1021/acsomega.3c07871	2024	6709	6718	10	2-s2.0-85184796932	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184796932&doi=10.1021%2Facsomega.3c07871&partnerID=40&md5=29b5039a159674bbd42f67c1f8fe3d7c	SCOPUS
1723	L., Lupa, Lavinia; N.S., Tolea, Nick Samuel; M., Iosivoni, Marcela; B.E., Mărănescu, Bianca Elena; N., Pleșu, Nicoleta; A., Visa, Aurelia	Performance of ionic liquid functionalized metal organic frameworks in the adsorption process of phenol derivatives	RSC Advances	14	7	10.1039/d3ra08024b	2024	4759	4777	19	2-s2.0-85184951591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184951591&doi=10.1039%2Fd3ra08024b&partnerID=40&md5=31cc43895ad37a518b4e0d92d5d1d5b3	SCOPUS

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1724	C., Vălean, Cristina; M., Baban, Marian; D.K., Rajak, Dipen Kumar; E., Linul, Emanoil	Effect of multiple process parameters on optimizing tensile properties for material extrusion-based additive manufacturing	Construction and Building Materials	414		10.1016/j.conbuildmat.2024.135015	2024				2-s2.0-85183466064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183466064&doi=10.1016%2Fj.conbuildmat.2024.135015&partnerID=40&md5=baf99df23ab4e8a49068be583f13074	SCOPUS
1725	B., Bolborea, Bogdan; B., Cornelia, Baeră; A., Gruin, Aurelian; D.D., Burduhos-Nergis, Dumitru Doru	Further Investigations Regarding a New Approach on Estimating Concrete Compressive Strength via Ultrasonic Pulse Velocity	Structural Integrity	28		10.1007/978-3-031-49723-0_19	2024	249	259	11	2-s2.0-85194376345	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194376345&doi=10.1007%2F978-3-031-49723-0_19&partnerID=40&md5=a5187ae00ba26feca577be27cf150395	SCOPUS
1726	B., Cornelia, Baeră; A., Gruin, Aurelian; B., Bolborea, Bogdan; R.V., Chendeș, Remus Vasile; D.D., Burduhos-Nergis, Dumitru Doru; L., Varga, Luiza	Experimental Approach Regarding the Potential of Spent Garnets Use as Mineral Addition in Cement-Based Construction Products	Structural Integrity	28		10.1007/978-3-031-49723-0_43	2024	566	584	19	2-s2.0-85194276599	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194276599&doi=10.1007%2F978-3-031-49723-0_43&partnerID=40&md5=29b838be61d8f450e6a2bc6526477998	SCOPUS
1727	E.R., Stoicescu, Emil Robert; R.G., Iacob, Roxana Georgeta; A.C., Ilie, Adrian Cosmin; E.R., Iacob, Emil Radu; S.R., Susa, Septimiu Radu; L.A.B., Ghenciu, Laura Andreea Bolintineanu; A., Constantinescu, Amalia; D.M., Cocola, Daiana Marina; A., Ciornei-Hoffman, Andreea; C.I., Oancea, Cristian Iulian	Stratifying Disease Severity in Pediatric COVID-19: A Correlative Study of Serum Biomarkers and Lung Ultrasound—A Retrospective Observational Dual-Center Study	Diagnostics	14	4	10.3390/diagnostics14040440	2024				2-s2.0-85187301615	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187301615&doi=10.3390%2Fdiagnostics14040440&partnerID=40&md5=dc0bdbc46aafd12c42320913c3ed225e	SCOPUS
1728	E.R., Stoicescu, Emil Robert; R.G., Iacob, Roxana Georgeta; E.R., Iacob, Emil Radu; L.A.B., Ghenciu, Laura Andreea Bolintineanu; C.I., Oancea, Cristian Iulian; D.L., Manolescu, Diana Luminița	Tiny Lungs, Big Differences: Navigating the Varied COVID-19 Landscape in Neonates vs. Infants via Biomarkers and Lung Ultrasound	Biomedicines	12	2	10.3390/biomedicines12020425	2024				2-s2.0-85187291424	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187291424&doi=10.3390%2Fbiomedicines12020425&partnerID=40&md5=85ecadd4dd2f611f23ab8eff8c47365e	SCOPUS
1729	L.M., Rosu, Luminoara Maria; C., Prodan-Bărbulescu, Catalin; A.L., Maghiari, Anca Laura; E.S., Bernad, Elena Silvia; R.L., Bernad, Robert Leonard; R.G., Iacob, Roxana Georgeta; E.R., Stoicescu, Emil Robert; F., Borozan, Florina; L.A.B., Ghenciu, Laura Andreea Bolintineanu	Current Trends in Diagnosis and Treatment Approach of Diabetic Retinopathy during Pregnancy: A Narrative Review	Diagnostics	14	4	10.3390/diagnostics14040369	2024				2-s2.0-85187258030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187258030&doi=10.3390%2Fdiagnostics14040369&partnerID=40&md5=7652e1b9f11306c7ae010b2ca6b4fe49	SCOPUS

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1730	S., Liga, Sergio; C., Paul, Cristina; A.E., Moacă, Alina Elena; F., Peter, Francisc	Niosomes: Composition, Formulation Techniques, and Recent Progress as Delivery Systems in Cancer Therapy	Pharmaceutics	16	2	10.3390/pharmaceutics16020223	2024				2-s2.0-85187237864	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187237864&doi=10.3390%2Fpharmaceutics16020223&partnerID=40&md5=22b0cea95daf7e595f77ed03c5e436e3	SCOPUS
1731	I.A., Vasilache, Ingrid Andrada; S.I., Scripcariu, Sadiye Ioana; B., Doroftei, Bogdan; R.L., Bernad, Robert Leonard; A., Cărăuleanu, Alexandru; D.G., Socolov, Demetra Gabriela; A.S., Melinte-Popescu, Alina Simziana; P., Vicoveanu, Petronela; V.R., Harabor, Valeriu Romulus; E., Mihălceanu, Elena	Prediction of Intrauterine Growth Restriction and Preeclampsia Using Machine Learning-Based Algorithms: A Prospective Study	Diagnostics	14	4	10.3390/diagnostics14040453	2024				2-s2.0-85186761610	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186761610&doi=10.3390%2Fdiagnostics14040453&partnerID=40&md5=62c87a1832dfae42ae5e2fd3c0129cf	SCOPUS
1732	O.Z., Lipan, Ovidiu Zeno; A.I., De Sabata, Aldo I.	Optimizing bi-layered periodic structures: a closed-form transfer matrix method based on Pendry-MacKinnon's discrete Maxwell's equations	Journal of the Optical Society of America B: Optical Physics	41	2	10.1364/JOSAB.497185	2024				2-s2.0-85186121164	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186121164&doi=10.1364%2FJOSAB.497185&partnerID=40&md5=4a177d7d5145aff06f0015d708103	SCOPUS
1733	M., Tudorica, M.; C.I., Bob, Corneliu Ioan	Intervention Works Conducted to Ensure the Stability of a Slope: A Sustainability Study	Sustainability (Switzerland)	16	4	10.3390/su16041544	2024				2-s2.0-85186111837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186111837&doi=10.3390%2Fs16041544&partnerID=40&md5=c0dbede5ddb28dbe62480275cd798b90	SCOPUS
1734	L., Matekovits, Ladislau; F., Mir, Farzad; G.L., Dassano, Gianluca L.; I., Peter, Ildiko	Deeply Implanted Conformal Antenna for Real-Time Bio-Telemetry Applications	Sensors	24	4	10.3390/s24041170	2024				2-s2.0-85185558940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185558940&doi=10.3390%2Fs24041170&partnerID=40&md5=5e4cc659e94cb1919e578754cdc2a95a	SCOPUS
1735	D., Butnicu, Dan; D., Ionescu, Daniela; M., Kovaci, Maria	Structure Optimization of Some Single-Ion Conducting Polymer Electrolytes with Increased Conductivity Used in "Beyond Lithium-Ion" Batteries	Polymers	16	3	10.3390/polym16030368	2024				2-s2.0-85184676179	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184676179&doi=10.3390%2Fpolym16030368&partnerID=40&md5=63d3651b43a5529476fbd1a0d413698c	SCOPUS

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1736	V.I., Ungureanu, Vlad Ilie; P.O., Negirla, Paul Onut; A., Korodi, Adrian	Image-Compression Techniques: Classical and "Region-of-Interest-Based" Approaches Presented in Recent Papers	Sensors	24	3	10.3390/s24030791	2024				2-s2.0-85184661172	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184661172&doi=10.3390%2Fs24030791&partnerID=40&md5=dc2a06db7a51ebc3a581fdee6c8b581b	SCOPUS
1737	M., Cernicova-Buca, Mariana; V., Gherheș, Vasile; G.M., Dragomir, Gabriel Mugurel; R.M., Sirbu, Roxana Mihaela	Electrically Savvy or Not? Tentative Portrait of the Romanian Student as a Consumer of Electric Devices and Utilities	Sustainability (Switzerland)	16	3	10.3390/su16031239	2024				2-s2.0-85184499815	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184499815&doi=10.3390%2Fs24031239&partnerID=40&md5=ae5c0fa0dd529821ea5819a1e153eff5	SCOPUS
1738	L.D., Lemle, Ludovic Dan	On the Lie–Trotter approximation formula	Journal of Computational and Applied Mathematics	437		10.1016/j.cam.2023.115466	2024				2-s2.0-85166934800	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166934800&doi=10.1016%2Fj.cam.2023.115466&partnerID=40&md5=e99fb228891c87bc2b47f646eccaaaa	SCOPUS
1739	D.D., Bhatta, Dharm Dev; Y., Pi, Yi; M., Sarfraz, Muddassar; Z.U.A., Jaffri, Zain Ul Abidin; L., Ivascu, Larisa; I., Ozturk, Ilknur	What determines the entrepreneurial intentions of employees? A moderated mediation model of entrepreneurial motivation and innovate work behavior	Heliyon	10	2	10.1016/j.heliyon.2024.e24678	2024				2-s2.0-85182907118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182907118&doi=10.1016%2Fj.heliyon.2024.e24678&partnerID=40&md5=9563acf42353151620f93e6d4140fe68	SCOPUS
1740	A.R., Buzatu, Alina Ramona; M.A., Soler, Miguel A.; S., Fortuna, Sara; O., Ozkilinc, Ozge; D.M., Dreava, Diana Maria; I., Bitcan, Ioan; V., Badea, Valentin; P., Giannozzi, Paolo; F., Fogolari, Federico; L., Gardossi, Lucia	Reactive natural deep eutectic solvents increase selectivity and efficiency of lipase catalyzed esterification of carbohydrate polyols	Catalysis Today	426		10.1016/j.cattod.2023.114373	2024				2-s2.0-85171683101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171683101&doi=10.1016%2Fj.cattod.2023.114373&partnerID=40&md5=46a8d3bbaffb9a3d780e1511ddacff5	SCOPUS
1741	S., Lica, Septimiu; D.F., Lascu, Dan Florentin; E.A., Lovasz, Evelyn Astrid	A new step-up-down quadratic dc–dc converter with a single active switch	Journal of Computational and Applied Mathematics	436		10.1016/j.cam.2023.115362	2024				2-s2.0-85162179611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162179611&doi=10.1016%2Fj.cam.2023.115362&partnerID=40&md5=90ee149f83d377d8254a38a9abe3192b	SCOPUS

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1742	R., Elumalai, R.; R., Krishnaiah, Ravi; P.V., Elumalai, P. V.; S.R., Medapati, Sreenivasa Reddy; R., Sabarish, Rajagopalan; S.A., Khan, Sher Afghan; M., Asif, Mohammad; E., Linul, Emanoil	Experimental Studies to Reduce Usage of Fossil Fuels and Improve Green Fuels by Adopting Hydrogen-Ammonia-Biodiesel as Trinary Fuel for RCCI Engine	ACS Omega	9	1	10.1021/acsomega.3c06327	2024	741	752	12	2-s2.0-85181072083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181072083&doi=10.1021%2Facsomega.3c06327&partnerID=40&md5=eb7deb87a8a5f3e08122aa9c0ac6bd7e	SCOPUS
1743	A.P., Karaeva, Anzhelika Pirmamedovna; L., Ivascu, Larisa; A.K., Tolkou, Athanasia K.; V., Torretta, Vincenzo; E.C., Rada, Elena Cristina	THE ROLE OF THE PUBLIC IN THE IMPLEMENTATION OF NATIONAL ENERGY POLICY OBJECTIVES	WIT Transactions on Ecology and the Environment	262		10.2495/SDP240801	2024	969	979	11	2-s2.0-85217047509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217047509&doi=10.2495%2FSDP240801&partnerID=40&md5=5430725b42b2caa06bb5801f23e37b01	SCOPUS
1744	M., Niculescu, Mircea; M.C., Pascariu, Mihai Cosmin; A.V., Racu, A. V.; T.O., Bogdan, Tăranu Ovidiu	Thermal behavior of polymeric nickel(II) oxalate complex obtained through nickel(II) nitrate/ethylene glycol reaction; ТЕРМИЧКО ПОНАШАЊЕ ПОЛИМЕРНОГ КОМПЛЕКСА НИКЛ(II)-ОКСАЛАТА ДОБИЈЕНОГ РЕАКЦИЈОМ НИКЛ(II)-НИТРАТ/ЕТИЛЕН-ГЛИКОЛ	Journal of the Serbian Chemical Society	89	11	10.2298/JSC231013071N	2024	1475	1487	13	2-s2.0-85212191579	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212191579&doi=10.2298%2FJSC231013071N&partnerID=40&md5=84b72126256a776183c5689b3c18dd30	SCOPUS
1745	C., Alexandru Florian, Crisan; P., Camelia Corina, Pescaru; A., Marițescu, Adelina; C., Vlad, Carunta; O., Roxana Ramona, Onofrei; S., Emil Robert, Stoicescu; C.I., Oancea, Cristian Iulian	Dual-task performance and balance in patients with severe COPD: a cross-sectional study	Therapeutic Advances in Respiratory Disease	18		10.1177/17534666241287302	2024				2-s2.0-85211916871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211916871&doi=10.1177%2F17534666241287302&partnerID=40&md5=da3066eb00c45c39024b531e7c4deaf5	SCOPUS
1746	A.I., De Sabata, Aldo I.; A.M., Silaghi, Andrei Marius; C., Ionica, Cora; O.T., Pacurar, Octavian Teodor	Design of Liquid Based Frequency Selective Surfaces Operating as Absorbers	Advances in Electrical and Computer Engineering	24	4	10.4316/AECE.2024.04008	2024	75	82	8	2-s2.0-85211365415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211365415&doi=10.4316%2FAECE.2024.04008&partnerID=40&md5=efccacba84c02640a9bf45e758cdec6b6	SCOPUS
1747	N., Jianu, Narcisa; V.O., Buda, Valentina Oana; D., Căpățână, Denisa; C., Muntean, Calin; T.N., Onea, Teodor Nicolae; M.A., Jivulescu, Maria Anastasia; A., Teodor, Ana; M., Romanescu, Mirabela; L., Udrescu, Lucreția; V., Groza, Vlad	Osteoporosis: a problem still faulty addressed by the Romanian healthcare system. Results of a questionnaire survey of people aged 40 years and over	Frontiers in Medicine	11		10.3389/fmed.2024.1485382	2024				2-s2.0-85208619484	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208619484&doi=10.3389%2Ffmed.2024.1485382&partnerID=40&md5=1ee843e36d5414c9718cf7f7c9a26da	SCOPUS

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1748	M., Sarfraz, Muddassar; H., Han, Heesup; L., Ivascu, Larisa; I., Ozturk, Ilknur; M.A., Raza, Muhammad Ali	Service robot performance and hospitality employees' job loss insecurity and turnover*	Innovation: The European Journal of Social Science Research			10.1080/13511610.2024.2417932	2024				2-s2.0-85208126821	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208126821&doi=10.1080%2F13511610.2024.2417932&partnerID=40&md5=de094ff81f5a3f3904a29f60a3c2939e	SCOPUS
1749	I.A., Udrea, Ioan Alexandru; V.L., Ordodi, Valentin Laurentiu; C., Paul, Cristina; M.L., Dan, Mircea Laurentiu; A.M., Pană, Ana Maria; C., Stănescu, Cristian; D.D., Bonciog, Dumitru Daniel; L., Doru-Alexandru, Luca; N.G., Crăciun, Narcis Gratian; N., Vaszilcsin, N.	EFFECTS OF AUDIO FREQUENCY ELECTRIC FIELDS ON THE ESTERIFICATION REACTIONS OF ACETIC ACID WITH C4-C8 BRANCHED ALCOHOLS	Studia Universitatis Babes-Bolyai Chemia	69	3	10.24193/subbchem.2024.3.10	2024	167	176	10	2-s2.0-85206926294	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206926294&doi=10.24193%2Fsubbchem.2024.3.10&partnerID=40&md5=ba23d746b477ea92a9714700d2d213c9	SCOPUS
1750	S.O., Travin, S. O.; O.B., Gromov, Oleg Borisovich; G.G., Duca, Gheorghe G.; R.E., Precup, Radu Emil	Statistical Computational Model of Fission Products Composition of Irradiated Nuclear Fuel and Their Contribution to Gas-aerosol Emissions of Nuclear Power Plants	Romanian Journal of Information Science and Technology	27	3-4	10.59277/ROMJIST.2024.3-4.05	2024	310	322	13	2-s2.0-85206919192	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206919192&doi=10.59277%2FROMJIST.2024.3-4.05&partnerID=40&md5=446be6dbb14ecde014e9dab0f6678e87	SCOPUS
1751	C.A., Bojan-Dragos, Claudia Adina; R.E., Precup, Radu Emil; E.M., Petriu, Emil M.; R.A., Tibre, Robert Alexander; T., Han, Tabita	Sliding Mode and Super-Twisting Sliding Mode Control Structures for Vertical Three-Tank Systems	Studies in Informatics and Control	33	3	10.24846/V33I3Y202401	2024	5	16	12	2-s2.0-85206900342	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206900342&doi=10.24846%2FV33I3Y202401&partnerID=40&md5=78647450fd031ba27cb762dba12c08a0	SCOPUS
1752	A.A., Dascăl, Amalia Ana; A., Josan, Ana; D., Monica Stoica, Diana; C., Pinea-Bretotean, Camelia	Effect of Phenolic Resin on the Friction Performance of Composites with Hemp Fiber for Automotive Brake Pads	Materiale Plastice	61	3	10.37358/MP.24.3.5731	2024	39	48	10	2-s2.0-85206199912	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206199912&doi=10.37358%2FMP.24.3.5731&partnerID=40&md5=8146bd63e75a7f5887359daa4f247547	SCOPUS
1753	A., Simo, Attila; S., Dzjic, Simona; L., Ferestyan, Liviu; C.D., Dumitru, Cristian Dragos; A., Gligor, Adrian	Optimizing Electric Vehicle Performance: Advances in Battery Management Systems for Enhanced Efficiency and Longevity	International Journal of Computers, Communications and Control	19	5	10.15837/ijccc.2024.5.6794	2024	1	11	11	2-s2.0-85202980981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202980981&doi=10.15837%2Fijccc.2024.5.6794&partnerID=40&md5=b919debc856492d5a689a7c44811925e	SCOPUS

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1754	S.T., Hora, Simina Teodora; C.M., Gruescu, Corina Mihaela; C.C., Bungau, Constantin C.; R.D., Bodea, Renata D.	Innovative approaches to optimized cutting planning in the garment industry; Abordări inovatoare în planificarea optimizată a croirii în industria de îmbrăcăminte	Industria Textila	75	4	10.35530/IT.075.04.202386	2024	441	447	7	2-s2.0-85202755001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202755001&doi=10.35530%2FIT.075.04.202386&partnerID=40&md5=c31bf3344f3e80d514a410a6ab62d777	SCOPUS
1755	S.M., Ardelean, Sebastian Mihai; M., Udrescu, Mihai	Hybrid quantum search with genetic algorithm optimization	PeerJ Computer Science	10		10.7717/PEERJ-CS.2210	2024				2-s2.0-85201920358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201920358&doi=10.7717%2FPEERJ-CS.2210&partnerID=40&md5=6570f9ea0a34c62e2712e2282f63c9b2	SCOPUS
1756	G., Tucudean, Georgiana; M., Bucos, Marian; B., Drăgulescu, Bogdan; C.D., Căleanu, Cătălin Daniel	Natural language processing with transformers: a review	PeerJ Computer Science	10		10.7717/PEERJ-CS.2222	2024				2-s2.0-85201856299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201856299&doi=10.7717%2FPEERJ-CS.2222&partnerID=40&md5=4cf217495664278d86fef1478736097c	SCOPUS
1757	M.V., Herbei, Mihai Valentin; C., Bădăluța-Minda, Codruța	The Use of Remote Sensing Techniques in the Analysis of the Influence of Forest Ecosystems over the Precipitation	Rocznik Ochrona Srodowiska	26		10.54740/ros.2024.029	2024	296	304	9	2-s2.0-85200650764	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200650764&doi=10.54740%2Fros.2024.029&partnerID=40&md5=6936e6590cc872ba87c5739c9c57b94b	SCOPUS
1758	S., Mirzadeh, Somayeh; H., Barsam, Hasan; L., Ciurdariu, Loredana	Characterizations of minimal elements of upper support with applications in minimizing DC functions	Open Mathematics	22	1	10.1515/math-2024-0030	2024				2-s2.0-85199893763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199893763&doi=10.1515%2Fmath-2024-0030&partnerID=40&md5=cc504fb34228b70ec0e8ecd9759be1fd	SCOPUS
1759	C.A., Popa, Călin Adrian	Synchronization of Clifford-valued neural networks with leakage, time-varying, and infinite distributed delays on time scales	AIMS Mathematics	9	7	10.3934/math.2024.915	2024	18796	18823	28	2-s2.0-85195119502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195119502&doi=10.3934%2Fmath.2024915&partnerID=40&md5=ab36a0505a06520e82dee5cacaffbac8	SCOPUS

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1760	T., Binzar, Tudor; F.L., Pater, Flavius Lucian	ON FUZZY SPECTRAL RADII FOR FUZZY BOUNDED OPERATORS WITH APPLICATION TO FUZZY VOLTERRA OPERATOR	Journal of Mathematical Inequalities	18	1	10.7153/jmi-2024-18-11	2024	193	205	13	2-s2.0-85194386651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194386651&doi=10.7153%2Fjmi-2024-18-11&partnerID=40&md5=340d850ce035586581989cc6761e05e7	SCOPUS
1761	C.R., Pozna, Claudiu Radu; R.E., Precup, Radu Emil; Á., Ballagi, Áron	Using Tensor-Type Formalism in Causal Networks	Acta Polytechnica Hungarica	21	10	10.12700/APH.21.10.2024.10.5	2024	75	91	17	2-s2.0-85193758405	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193758405&doi=10.12700%2FAPH.21.10.2024.10.5&partnerID=40&md5=6e48bb9d3fa5df179751219f86e5ea37	SCOPUS
1762	D.M., Onchis, Darian M.; F., Costi, Flavia; C.M., Istin, Codruta Mihaela; C.C., Secasan, Ciprian Cosmin; G.V., Cozma, Gabriel Veniamin	Method of Improving the Management of Cancer Risk Groups by Coupling a Features-Attention Mechanism to a Deep Neural Network	Applied Sciences (Switzerland)	14	1	10.3390/app14010447	2024				2-s2.0-85192436607	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192436607&doi=10.3390%2Fapp14010447&partnerID=40&md5=7dd37161c04354cd708049059354e667	SCOPUS
1763	E., Reisz, Erika; S.P., Naumov, Sergej P.	The Reaction of Ozone with the C–H Bond Revisited	Ozone: Science and Engineering	46	5	10.1080/01919512.2024.2314603	2024	377	391	15	2-s2.0-85191239108	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191239108&doi=10.1080%2F01919512.2024.2314603&partnerID=40&md5=e0ac0d67f9c5f5b3274cfe47a304dc8b	SCOPUS
1764	A., Bitang, Andrei; V., Bitang, Viorel; V.T., Grosu, Vlad Teodor; A.A., Ciorsac, Alecu Aurel; A., Isvoran, Adriana	ADMET profiles of selected anabolic steroid derivatives; ADMET ПРОФИЛИ ОДАБРАНИХ ДЕРИВАТА АНАБОЛИЧКИХ СТЕРОИДА	Journal of the Serbian Chemical Society	89	3	10.2298/JSC230803086B	2024	367	382	16	2-s2.0-85189853575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189853575&doi=10.2298%2FJSC230803086B&partnerID=40&md5=e374a962cd8ce8c6129ca88056969	SCOPUS
1765	I.M., Anghel, Iasmina Madalina; I.D., Utu, Ion Dragos; A., Pascu, Alexandru; I., Hulka, Iosif; D.H., Woelk, Dino Horst; G.M., Marginean, Gabriela M.	Microstructure and properties of Co based laser clad composite coatings	Materialpruefung/Materials Testing			10.1515/mt-2023-0362	2024				2-s2.0-85187663946	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187663946&doi=10.1515%2Fmt-2023-0362&partnerID=40&md5=2a2ed6f82c036747257d4868c795ee5	SCOPUS

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1766	R.C., Roman, Raul Cristian; R.E., Precup, Radu Emil; E.M., Petriu, Emil M.; A.I., Borlea, Anamaria Ioana	Hybrid Data-Driven Active Disturbance Rejection Sliding Mode Control with Tower Crane Systems Validation	Romanian Journal of Information Science and Technology	27	1	10.59277/ROMJIST.2024.1.04	2024	50	64	15	2-s2.0-85185923662	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185923662&doi=10.59277%2FROMJIST.2024.1.04&partnerID=40&md5=52c1d0cd9cbb7fd1d903956e697acec	SCOPUS
1767	M.A., Lăboșel, Mihaela Alexandra; A.F., Enache, Andreea Floriana; G.D., Dima, George Daniel; M.L., Dan, Mircea Laurențiu; N., Vaszilcsin, N.	Smooth nickel-a suitable anodic material in new alkaline fuel cells sulphite/oxygen	Global Nest Journal	26	1	10.30955/gnj.005374	2024				2-s2.0-85183860995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183860995&doi=10.30955%2Fgnj.005374&partnerID=40&md5=06874c6790b8e4a70a6b6792cea4ef1b	SCOPUS
1768	D.A., Botila, Delia Anca; P.C., Ioana-Monica, Pop Calimanu; D.F., Lascu, Dan Florentin	Buck Converter with Cubic Static Conversion Ratio †	Sensors	24	2	10.3390/s24020696	2024				2-s2.0-85183327704	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183327704&doi=10.3390%2Fs24020696&partnerID=40&md5=61161fdba331ab72811aad5fb3cfe887	SCOPUS
1769	G.M., Pop, Gabriela Madalina; P.C., Ioana-Monica, Pop Calimanu; D.F., Lascu, Dan Florentin	Fourth-Order Quadratic Buck Converter Controller Design †	Sensors	24	2	10.3390/s24020557	2024				2-s2.0-85183281288	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183281288&doi=10.3390%2Fs24020557&partnerID=40&md5=0d538fd53c3a879b9faeb52f60704f80	SCOPUS
1770	L., Ciurdariu, Loredana; E., Grecu, Eugenia	On q-Hermite–Hadamard Type Inequalities via s-Convexity and (α,m)-Convexity	Fractal and Fractional	8	1	10.3390/fractalfrac8010012	2024				2-s2.0-85183148470	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183148470&doi=10.3390%2Ffractalfrac801012&partnerID=40&md5=a9d374c12d6e9e8ff61ebf4a90224b	SCOPUS
1771	L.F., Herlo, Lucian Flavius; R.O., Dumache, Raluca Oana; C.C., Duta, Ciprian Constantin; O.C., Vița, Octavia Cornelia; M.A., Mercioni, Marina Adriana; L.E., Stelea, Lavinia Elena; R.L.D., Sirli, R. Lucia Denisa; S., Iurciuc, Stela	Colorectal Cancer Risk Prediction Using the rs4939827 Polymorphism of the SMAD7 Gene in the Romanian Population	Diagnostics	14	2	10.3390/diagnostics14020220	2024				2-s2.0-85183095354	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183095354&doi=10.3390%2Fdiagnostics14020220&partnerID=40&md5=b522230846a08516257e600d0716ef87	SCOPUS

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1772	S., Motoc, Sorina; A.A., Andelescu, Adelina Antonia; A., Visan, Alexandru; A., Baci, Anamaria; E.I., Szerb, Elisabeta Ildyko; F., Manea, Florica	Ferrocene-Containing Gallic Acid-Derivative Modified Carbon-Nanotube Electrodes for the Fast Simultaneous and Selective Determination of Cytostatics from Aqueous Solutions	Chemosensors	12	1	10.3390/chemosensors12010015	2024				2-s2.0-85183094397	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183094397&doi=10.3390%2Fchemosensors12010015&partnerID=40&md5=f367902183c8fbb556ee2f77d094d312	SCOPUS
1773	R.E., Precup, Radu Emil; A.T., Nguyen, Anh Tu; S., Blazic, Saso	A survey on fuzzy control for mechatronics applications	International Journal of Systems Science	55	4	10.1080/00207721.2023.2293486	2024	771	813	43	2-s2.0-85181216675	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181216675&doi=10.1080%2F00207721.2023.2293486&partnerID=40&md5=0e8984381ca7e62d30e5faa89cb0b70f	SCOPUS
1774	S.A., Mihaicuta, Stefan A.; L., Udrescu, Lucreția; A., Militaru, Adrian; V., Nadasan, V.; A.I., Tiotiu, Angélica I.; A., Bikov, Andras; S., Ursoniu, Sorin; R., Birza, Romina; A.M., Popa, Alina Mirela; Ș.M., Frent, Ștefan Marian	Multivariate analysis and data mining help predict asthma exacerbations	Journal of Asthma	61	6	10.1080/02770903.2023.2297366	2024	608	618	11	2-s2.0-85181215142	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181215142&doi=10.1080%2F02770903.2023.2297366&partnerID=40&md5=1e18dce195f75097150d6a3e23b11321	SCOPUS
1775	J., Fauth, Judith; T., Bloch, Tanya; F., Noardo, Francesca; N., Nisbet, Nicholas; S.B., Kaiser, Stefanie Brigitte; P.N., Gade, Peter Nørkjær; J., Tekavec, Jernej	Taxonomy for building permit system - organizing knowledge for building permit digitalization	Advanced Engineering Informatics	59		10.1016/j.aei.2023.102312	2024				2-s2.0-85179625873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179625873&doi=10.1016%2Fj.aei.2023.102312&partnerID=40&md5=741a04e312986ce276f0b0dc08cc5187	SCOPUS
1776	B.D., Cioroagă, Bogdan Dorel; V.G.G., Cioată, Vasile George George; I., Kiss, Imre	Mathematical Modeling of a Hydraulic Lifting System for the Autodock Docking Leveler	Acta Polytechnica Hungarica	21	2	10.12700/aph.21.2.2024.2.11	2024	203	216	14	2-s2.0-85178451021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178451021&doi=10.12700%2Faph.21.2.2024.2.11&partnerID=40&md5=c896a6510615e1108f230815de58e0bc	SCOPUS
1777	G., Moza, Gheorghe; C., Roșoreanu, Carmen; M., Sterpu, Mihaela; R.D., Oliveira, Regilene D.S.	Stability and bifurcation analysis of a four-dimensional economic model	Carpathian Journal of Mathematics	40	1	10.37193/CJM.2024.01.10	2024	139	153	15	2-s2.0-85177884554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177884554&doi=10.37193%2FCJM.2024.01.10&partnerID=40&md5=f592b4e2bbec60176350afd8e5613045	SCOPUS

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1778	S., Rathinasamy, Saravanan; S., Thanikodi, Sathish; Ü., Ağbulut, Ümit; R., Sathyamurthy, Ravishankar; P., Sharma, Prabhakar; E., Linul, Emanoil; M., Asif, Mohammad	Waste bull bone based reusable and biodegradable heterogeneous catalyst for alternate fuel production from WCO, and investigation of its usability as fuel substitute	Fuel	355		10.1016/j.fuel.2023.129436	2024				2-s2.0-85168581455	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168581455&doi=10.1016%2Fj.fuel.2023.129436&partnerID=40&md5=c4332f7118acaced4106655c5d13980b	SCOPUS
1779	M., Denden, Mouna; M., Abed, Mourad; V., Holotescu, Victor; A., Tili, Ahmed; C., Holotescu, Carmen; G., Grosseck, Gabriela	Down to the Rabbit Hole: How Gamification is Integrated in Blockchain Systems? A Systematic Literature Review	International Journal of Human-Computer Interaction	40	19	10.1080/10447318.2023.2238973	2024	5617	5631	15	2-s2.0-85166761144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166761144&doi=10.1080%2F10447318.2023.2238973&partnerID=40&md5=ae79c6352c6b70f9c71fe7d118630ebf	SCOPUS
1780	C.I., Bob, Cornelii Ioan	Assessment and Rehabilitation Solutions for an Industrial Hall Affected by Extreme Actions	Structural Engineering International	34	1	10.1080/10168664.2022.2149375	2024	71	76	6	2-s2.0-85149424905	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149424905&doi=10.1080%2F10168664.2022.2149375&partnerID=40&md5=a64f54a791e17d44f0d1ef4e33b0ef50	SCOPUS
1781	R.D., Ene, Remus Daniel; N., Pop, Nicolina	Dual approximate solutions for the chemically reactive solute transfer in a viscous fluid flow	Waves in Random and Complex Media	34	4	10.1080/17455030.2021.1971328	2024	3118	3140	23	2-s2.0-85114016337	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114016337&doi=10.1080%2F17455030.2021.1971328&partnerID=40&md5=flc5e7f61ebb187b727e6d394e9bcd7f	SCOPUS
1782	T.O., Gheorghiu, Teodor Octavian	Success And Failure in Transylvanian Fortified Church Conservation; Reușite și eșecuri în restaurarea unor biserici fortificate din Transilvania	Transsylvania Nostra	2024	1-2	10.64311/tmj.2024.1-2.02	2024	54	72	19	2-s2.0-105009039301	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009039301&doi=10.64311%2Ftmj.2024.1-2.02&partnerID=40&md5=48436984520ef04469cfdd71766e3c8f	SCOPUS
1783	C.T., Albulescu, Claudiu Tiberiu	Total factor productivity and tax avoidance: An asymmetric micro-data analysis for European oil and gas companies	Economics of Energy and Environmental Policy	13	2	10.5547/2160-5890.13.2.calb	2024	107	129	23	2-s2.0-105008311387	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008311387&doi=10.5547%2F2160-5890.13.2.calb&partnerID=40&md5=a59cc5756ee167a0093b69f7196af1	SCOPUS

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1784	J.N., Krstić, Jovana N.; J., Jovanović, Jelena; S., Gajević, Sandra; S., Miladinović, Slavica; N.M., Vaxevanidis, N. M.; I., Kiss, Imre; B.Ž., Stojanović, Blaža Ž.	APPLICATION OF METAL MATRIX NANOCOMPOSITES IN ENGINEERING	Advanced Engineering Letters	3	4	10.46793/adeletter.s.2024.3.4.5	2024	180	190	11	2-s2.0-105003550842	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003550842&doi=10.46793%2Fadeletters.2024.3.4.5&partnerID=40&md5=7d410aaeac58a96f06798fa386d2cb7	SCOPUS
1785	Gunjan Srivastava;Akhilesh Mohan;Binod Kumar Kanaujia;Ladislau Matekovits	Compact Self-Octaplexing Circular EMSIW Antenna for Sub-6 GHz Communication Systems	IEEE Access	12		10.1109/ACCESS.2024.3479419	2024	154173	154181	9		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10716366	IEEE
1786	Sandeep Rana;Amit Kumar;Akhilesh Mohan;Binod Kumar Kanaujia;Ladislau Matekovits	A Planar Wideband Antenna for Full Duplex Communication With Significant Peak Gain	IEEE Access	12		10.1109/ACCESS.2024.3478803	2024	153181	153187	7		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10714334	IEEE
1787	Sorin Liviu Jurj	Efficient Implementation of Spiking Neural Networks for Inference Using Ex-Situ Training	IEEE Access	12		10.1109/ACCESS.2024.3462606	2024	135014	135027	14		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10681427	IEEE
1788	Adrian Korodi;Andrei Nicolae;Dragoș Brise;Ionel Drăghici;Adrian Corui	Long Short-Term Memory-Based Prediction Solution Inside a Decentralized Proactive Historian for Water Industry 4.0	IEEE Access	12		10.1109/ACCESS.2024.3428866	2024	99526	99536	11		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10599250	IEEE
1789	Lida Kouhalvandi;Ladislau Matekovits	Beam-Steering Antenna Technique Using Operational Amplifiers for Sub-6 GHz	IEEE Access	12		10.1109/ACCESS.2024.3416311	2024	86067	86072	6		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10559981	IEEE
1790	Wei Xu;Yifan Gong;Jian Ge;Kaiju Liao;Guangyu Liao;Maoxin Zhang;Ion Boldea	Fast Efficiency Optimization Control Based on Orthogonal Current Phasor Model for Linear Oscillatory Motor	IEEE Transactions on Power Electronics	39	9	10.1109/TPEL.2024.3412739	2024	11504	11516	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10554285	IEEE
1791	Muhammad Asghar Khan;Insaf Ullah;Neeraj Kumar;Fatemeh Afghah;Gordana Barb;Fazal Noor;Saad Alqahtany	A Certificate-Based Ring Signcryption Scheme for Securing UAV-Enabled Private Edge Computing Systems	IEEE Access	12		10.1109/ACCESS.2024.3409359	2024	83466	83479	14		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10547250	IEEE
1792	Feifei Bu;Zitao Guo;Renhui Du;Zhaopeng Dong;Deli Zhang;Fuqiang Xuan;Haihong Qin;Jianbo Chu;Sorin Ioan Deaconu	Low-Speed Control Strategy of Permanent Magnet Direct Drive Motor Based on Rotor Position Tracking Combined With Disturbance Observation	IEEE Transactions on Energy Conversion	39	4	10.1109/TEC.2024.3407104	2024	2146	2157	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10542456	IEEE
1793	Ion Boldea;Ana-Adela Popa;Frede Blaabjerg	Active Flux Based Advanced Encoderless AC Drives: A Tutorial Review	IEEE Transactions on Power Electronics	39	10	10.1109/TPEL.2024.3405073	2024	13510	13523	14		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10538417	IEEE
1794	Khaista Rahman;Muhammad Asghar Khan;Fatemeh Afghah;Gordana Barb;Nisreen Innab;Tanveer Ahmed Cheema	An Efficient Authentication and Access Control Protocol for Securing UAV Networks Against Anomaly-Based Intrusion	IEEE Access	12		10.1109/ACCESS.2024.3395494	2024	62750	62764	15		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10510437	IEEE
1795	Adriana Berdich;Bogdan Groza	Cyberattacks on Adaptive Cruise Controls and Emergency Braking Systems: Adversary Models, Impact Assessment, and Countermeasures	IEEE Transactions on Reliability	73	2	10.1109/TR.2024.3373810	2024	1216	1230	15		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10478772	IEEE
1796	Ritvik Chattopadhyay;Junyeong Jung;Md. Sariful Islam;Ion Boldea;Iqbal Husain	Rare-Earth Free Unity Power Factor Bi-Axial Excitation Synchronous Machine for Traction Applications	IEEE Transactions on Industry Applications	60	4	10.1109/TIA.2024.3379312	2024	5966	5978	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10475491	IEEE
1797	Sorin Liviu Jurj;Raul Rotar	Increasing the Solar Reliability Factor of a Dual-Axis Solar Tracker Using an Improved Online Built-In Self-Test Architecture	IEEE Access	12		10.1109/ACCESS.2024.3375333	2024	37715	37730	16		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10464275	IEEE

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1799	Feifei Bu;Haozhe Liu;Wenxin Huang;Jianyu Shi;Zhekai Liu;Tiankui Sun;Haihong Qin;Zuxin Luo;Sorin Ioan Deaconu	Dynamic-Decoupled Current Control Based on Reduced-Order Observer for Dual Stator-Winding Induction Generator	IEEE Journal of Emerging and Selected Topics in Power Electronics	12	1	10.1109/JESTPE.2023.3340339	2024	543	554	12		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10359158	IEEE
1800	Babak Fahimi;Laura H. Lewis;John M. Miller;Steven D. Pekarek;Ion Boldea;Burak Ozpineci;Kay Hameyer;Steven E. Schulz;Ahmad Ghaderi;Mircea Popescu;Bradley Lehman;Dhruvi Dhairya Patel	Automotive Electric Propulsion Systems: A Technology Outlook	IEEE Transactions on Transportation Electrification	10	3	10.1109/TTE.2023.3321707	2024	5190	5214	25		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10273420	IEEE
1801	Camil Jichici;Adriana Berdich;Adrian Musuroi;Bogdan Groza	Control System Level Intrusion Detection on J1939 Heavy-Duty Vehicle Buses	IEEE Transactions on Industrial Informatics	20	2	10.1109/TII.2023.3283995	2024	2029	2041	13		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10151693	IEEE
1802	Kaiju Liao;Wei Xu;Jian Ge;Ion Boldea	Improved Position Sensorless Resonant Frequency Tracking Control Method for Linear Oscillatory Machine	IEEE Transactions on Industrial Electronics	71	4	10.1109/TIE.2023.3273251	2024	4038	4048	11		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10122887	IEEE
1803	Yongping Pan;Simone Baldi;Chenguang Yang;Radu-Emil Precup	Guest Editorial to the Special Section on Composite Adaptive and Learning Control With Robotic Applications	IEEE Control Systems Letters	8		10.1109/LCSYS.2024.3367048	2024	265	266	2		https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10477961	IEEE

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1	Ciurel, Daniel-Liviu	Culture Jamming: Perspectives by Incongruity and Polemical Intertextuality	Professional Communication and Translation Studies	13	1	5		2020		https://sc.upit.ro/ro/publicatii/pts/is-sues-pts/407-13-2020
2	Penteliuc-Cotosman Luciana	Configurations poétiques de l'ennui dans l'espace culturel de la Roumanie	QUAESTIONES ROMANICAE	VIII	Tome 1. Interferențe și contraste în România	16		2020	ISSN: 2457-8436	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://ciccre.uvt.ro/sites/default/files/2023-04/qv_xiii_1_luciana_penteliuc_cotosman.pdf
3	Stoian, Claudia E.	Speech Acts across Cultures: Teaching Compliment Exchanges	East-West Cultural Passage	20		140-158		2020	1583-6401	https://intapi.sciendo.com/pdf/10.2478/ewcp-2020-0008
4	Stoian, Claudia E.	Sorin Ciutacu. 2019. Causality and Semantics. Semantic Change in Contemporary English	Bucharest Working Papers in Linguistics	XXII, no. 1		85-88	10.31178/BWPL.22.1.5	2020	2069-9239	https://bwpl.unibuc.ro/wp-content/uploads/2020/12/5_Review_s_BWPL_1_2020_Stoian_Farkas_Oancea.pdf
5	Stoian, Claudia E.	Indirect vs. Direct Communication: Steps in Becoming Culturally Intelligent	Journal of Humanistic and Social Sciences	XI, no. 1(21)		93-102		2020	2067-6557	http://www.jhss.ro/downloads/21/articles/79%20Claudia%20E.%20Stoian.pdf
6	Stoian, Claudia E.	Vasile GHERHEȘ, Comunicare tactică pentru deficienții de vedere, București, Eikon, 2019, 194 p	Philologica Jassyensia	XVI, no. 1(31)		344-347		2020	2247-8353	https://www.proquest.com/docview/243572267?pq-origsite=gscholar&fromopenview=true&sourcecetype=Scholarly%20Journals
7	Kriston Andrea	La prise de notes - une approche pratique à l'interprétation consécutive	Scientific Bulletin	19	1	11		2020	1583-7467	https://doi.org/10.59168/BWDJ7984
8	Daniel, Dejica, Anca Dejica-Carțiș	The Translation Process. Traditional Approaches and Contemporary Challenges (articol)	Encounters across Linguistic, Cultural and Professional Context, Editura Casa Cărții de Știință			118-135		2020	ISBN: 978-606-17-1655-5	
9	Ciurel, Daniel-Liviu	Digital advertising as memetic propaganda	Professional Communication and Translation Studies	14	1	7		2021	ISSN 2065-099X	https://sc.upit.ro/ro/publicatii/pts/is-sues-pts/586-14-2021
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16	Dejica-Carțiș, Anca	Interkulturelle Kommunikation im DaF-Unterricht (articol)	Scientific Bulletin of the Politehnica University of Timisoara: Transactions on Modern Languages	Vol.21, Issue 1		166-172		2022	ISSN 1583-7467	https://dspace.upit.ro/xmlui/bitstream/handle/123456789/5710/BUPT_ART_Cartis%20Anca.pdf?sequence=1&isAllowed=y
17	Ciurel, Daniel-Liviu	Native advertising as rhetorical camouflage	Professional Communication and Translation Studies	16	1	7		2023	ISSN 2065-099X	https://sc.upit.ro/ro/publicatii/pts/is-sues-pts/766-16-2023
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23	Mihaela Popescu	Enseigner la francophonie aux étudiants des filières scientifiques	Questiones Romanicae	11(2)		20p	https://doi.org/10.35923/qr.11.02.09	2024	2457-8436	
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26	Cernicova-Buca, Mariana, Dragomir, Gabriel Mugurel	Making Sense of the Emergency Remote Education. Faculty and Students' Takeaway Lessons from the Pandemic Classroom.	Technium Social Sciences Journal	38	1	9	10.47577/tssj.v38i1.7847	2022	2668-7798	
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2	Prostean Gabriela	A study on a smart process optimization based on TOC	Springer	978-3-030-44710-6	Timisoara	https://doi.org/10.1007/978-3-030-44711-3_26	2020
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4	Stoian, Claudia E.	Language and Image: Advertising Discourse across Cultures	JatePress	978 963 315 447 2 2	Szeged	https://books.google.ro/books/about/Language_and_Image.html?id=HwQjzgEACAAJ&redir_esc=y	2020
5	Boldea Ion	Induction Machines Handbook, 3rd Edition	CRC Press, Taylor and Francis	9781003035206	Boca Raton	https://doi.org/10.1201/9781003035206	19-11-20
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24	Vasile Marinca , Nicolae Herisanu , Bogdan Marinca	Optimal Auxiliary Functions Method for Nonlinear Dynamical Systems	Springer	978-3-030-75652-9	Cham, Switzerland	https://doi.org/10.1007/978-3-030-75653-6	2021
25	Pop Anielă, Manea Florica, Ilies Sorina	Carbon Nanomaterials-Based Sensors: Emerging Research Trends in Devices and Applications	Elsevier	978-032391174-0, 978-032398419-5		10.1016/B978-0-323-91174-0.00025-1	2022
26	Baciu Anamaria, Negrea Sorina, Manea Florica	Photocatalysts and Electrocatalysts in Water Remediation: From Fundamentals to Full Scale Applications	Wiley Blackwell	978-111985534-7		10.1002/9781119855347.ch8	2023
27	Dan Dubină, Florea Dinu & Radu Văcăreanu	History of Romanian Technology and Industry Volume 1: Mechanics, Processing Techniques and Construction	Springer	ISBN 978-3-031-39392-1	Cluj Napoca	https://doi.org/10.1007/978-3-031-39393-8_13	2023

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28	CHINCEA Rebecca, Sabina Potra, Matei Tămășilă	Barriers for online and offline corporate communication. Case study: organizational communication in Timisoara	Proceedings of the International Conference on Business Excellence				2023
29	Potra Sabina Alina, Mahmut Sami Islek, Pop Madalin Dorin	Students as Customers in the Design of an Erasmus Mundus Educational Program on Neuromarketing	Dynamic Curriculum Development and Design Strategies for Effective Online Learning in Higher Education, IGI Global	9781668486467			2023
30	Tudor O. Bompă, PHD, Sorin O. Sărăndan, PHD	Training and conditioning young athletes	Human Kinetics	978-1-7182-1614-3 (print)	Champaign-IL USA	https://US.HumanKinetics.com/pages/permissions-information	2023
31	Boldea Ion	Linear Electric Machines, Drives, and MAGLEV's Handbook	CRC Press, Taylor and Francis	9781003227670	Boca Raton	https://doi.org/10.1201/9781003227670	31-07-23
32	Magdalena Roepke, Sebastian Bethge, Olaf Huth, Gerhard Gresik, Daniel Tellmann, Sebastian Belt, Stefania-Emanuela Craciun, Eliane Christ, Marina Gingirof, Sarah Gomley, Sebastian Krück, Daniel Meier, Matej Mihir, Andreea Micsa, Melanie Mühlmeister, Gerritt Nöhmer, Petra Olosz, Miruna Radulescu, Brigitte-Beatrice Rotar, Stefan Seeber, Nikolas Schmidt, Lorand Kiss, Henriette Lemnitz, Paul Zalewski	Apold Heritage Lab - Summer School for Monument Conservation in Transylvania/Romania	Europa-Universität Viadrina Frankfurt		Viadrina	https://doi.org/10.11584/opus4-1288	2023
33	Alfredo Romero, Teodora Bogdan, Christoph Odenbreit ... Daniel Viorel Ungureanu, ...	Report of the State of art on Steel-Timber-(Concrete) Structures	ECCS	978-92-9147-199-7	Brussels	NA	2024
34	Georgiana Simion, Cristina-Laura Sirbu, Cătălin-Daniel Căleanu, Ghiță-Adrian Burdan, Tudor Moga and Ioan Sporea	Ultrasound - The Next Step in Clinical Evaluation	IntechOpen			https://www.intechopen.com/online-first/1184648	2024
35	CHINCEA, Rebecca, Sabina POTRA, and Matei TAMASILA.	MOTIVATING CORPORATE EMPLOYEES BY MEETING PSYCHOLOGICAL NEEDS IN A POST-CAVID ERA. A GROUNDED THEORY APPROACH."	ACTA TECHNICA NAPOCENSIS-				2024
36	Chincea, R., Potra, S., & Tamasila	Features of an Internal Communication Platform for Corporate Employees. Meeting the Needs of Employees in a Hybrid Era.	Proceedings of the International Conference on Business Excellence				2024
37	CHINCEA Rebecca, Tamasila Matei, Potra Sabina, Denisa Sima, Nihan Tomris Kucun	Mental health of employees and internal communication in corporations. An eye tracker approach in Procedia Computer Science	Procedia Computer Science				2024
38	Lup Patricia Simona, Prostean Gabriela Ioana, Preda Gheorghe	Model for Testing Trust in E-Commerce	Springer	978-3-031-47163-6	Timisoara	https://doi.org/10.1007/978-3-031-47164-3_48	2024
39	Maria-Dana Grosseck	Die Terminologielehre leicht verständlich	Politehnica	978-606-35-0522-2	Timisoara		2024

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1	Prostean Gabriela, Juan José Lavios Villahoz, Brancu Laura, Gyula Bakacs	Innovation in Sustainable Management and Entrepreneurship	Springer	978-3-030-44710-6	Timisoara	https://doi.org/10.1007/978-3-030-44711-3	2020	https://link.springer.com/book/10.1007/978-3-030-44711-3#accessibility-information
2	Erwin-Chr. Lovasz, Inocențiu Maniu, Ioan Doroftei, Mircea Ivanescu, Corina-Mihaela Gruescu	New Advance in Mechanisms, Mechanical Transmissions and Robotics, MTM&Robotics 2020	Springer Cham	978-3-030-60075-4	Cham, Switzerland	https://doi.org/10.1007/978-3-030-60076-1	2020	https://link.springer.com/book/10.1007/978-3-030-60076-1
3	Muddassar Sarfraz, Larisa Ivascu	Risk Management	IntechOpen	978-1-83968-906-2	UK	10.5772/intechopen.91067	2021	https://www.intechopen.com/books/10226
4	Mazzolani, F. M., Dubina, D., & Stratan, A.	Proceedings of the 10th International Conference on Behaviour of Steel Structures in Seismic Areas: STESSA 2022	Springer International Publishing	978-3-031-03811-2	Timișoara	https://doi.org/10.1007/978-3-031-03811-2	2022	https://link.springer.com/book/10.1007/978-3-031-03811-2
5	Duma Virgil-Florin, Rolland Jannick, Podoleanu Adrian (Eds.)	Proceedings of SPIE, Vol. 12170, 1st Int. Conf. Advances in 3OM: Opto-Mechatronics, Opto-Mechanics, and Optical Metrology	SPIE Press	9781510653153	Bellingham, WA, USA	Front Matter, https://doi.org/10.1117/12.2641600	2022	https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12170.toc
6	Anca Draghici, Larisa Ivascu	Sustainability and Innovation in Manufacturing Enterprises - Indicators, Models and Assessment for Industry 5.0	Springer	978-981-16-7365-8	Germania	https://doi.org/10.1007/978-981-16-7365-8	2022	https://link.springer.com/chapter/10.1007/978-981-16-7365-8_1
7	Nicolae Herisanu, Vasile Marinca	Acoustics and Vibration of Mechanical Structures – AVMS-2021	Springer	978-3-030-96786-4	Cham, Switzerland	https://doi.org/10.1007/978-3-030-96787-1	2022	https://link.springer.com/book/10.1007/978-3-030-96787-1
8	Dejica, Daniel & Óscar García Muñoz, Simona Șimon, Marcela Fărcașiu, Annamaria Kilyeni (eds).	The status of training programs for E2R validators and facilitators in Europe	Lucca	979-12-210-0389-5	Esedra		2022	
9	Ghangrekar Makarand M. Surampalli Rao Y. Zhang Tian C Duteanu Narcis M	Microbial electrochemical technologies: Fundamentals and applications	Wiley-VCH GmbH	9783527350735		DOI:10.1002/9783527350735	2023	https://onlinelibrary.wiley.com/doi/book/10.1002/9783527350735
10	Ioan Doroftei, Mircea Nitulescu, Doina Pisla, Erwin-Christian Lovasz	Proceedings of SYROM 2022 & ROBOTICS 2022	Springer Cham	978-3-031-25654-7	Cham, Switzerland	https://doi.org/10.1007/978-3-031-25655-4	2023	https://link.springer.com/book/10.1007/978-3-031-25655-4
11	Florica Manea, Aniela Pop, Sorina Ilies	special issue of Chemosensors / Advanced Electrochemical Sensors or Biosensors Based on Nanomaterial	MDPI	ISSN 2227-9040	Basel		2024	https://www.mdpi.com/journal/chemosensors/special_issues/9F5413JV85
12	Viorel Ungureanu, Luis Bragança, Charalambos Baniotopoulos, Khairedin M. Abdalla	4th International Conference "Coordinating Engineering for Sustainability and Resilience" & Midterm Conference of CircularB "Implementation of Circular Economy in the Built Environment"	Springer. Lecture Notes in Civil Engineering	978-3-031-57799-4		https://doi.org/10.1007/978-3-031-57800-7	2024	https://link.springer.com/book/10.1007/978-3-031-57800-7
13	Luis Bragança, Meri Cvetkovska, Rand Askar, Viorel Ungureanu	Creating a Roadmap Towards Circularity in the Built Environment	Springer. Tracts in Civil Engineering	978-3-031-45979-5		https://doi.org/10.1007/978-3-031-45980-1	2024	https://link.springer.com/book/10.1007/978-3-031-45980-1
14	Duma Virgil-Florin, Rolland Jannick, Podoleanu Adrian, Guina Mircea, Sinescu Cosmin (Eds.)	Proceedings of SPIE, Vol. 13187, 2nd Int. Conf. Advances in 3OM: Opto-Mechatronics, Opto-Mechanics, and Optical Metrology	SPIE Press	9781510680722	Bellingham, WA, USA	Front Matter, https://doi.org/10.1117/12.3037328	2024	https://www.spiedigitallibrary.org/conference-proceedings-of-spie/13187.tocAdvances in 3OM
15	Prostean Gabriela I., Juan J. Lavios, Laura Brancu, Faruk Şahin	Management, Innovation and Entrepreneurship in Challenging Global Times	Springer	978-3-031-47163-6	Timisoara	https://doi.org/10.1007/978-3-031-47164-3	2024	https://link.springer.com/book/10.1007/978-3-031-47164-3#bibliographic-information
16	Lucian Cioca, Larisa Ivascu, Florin Gheorghe Filip, Doina Banciu	Digital Transformation - Technology, Tools, and Studies, Series: Intelligent Systems Reference Library	Springer	978-3-031-55952-5	Germania	https://doi.org/10.1007/978-3-031-55952-5	2024	https://link.springer.com/book/9783031559518
17	Larisa Ivascu, Lucian Cioca, Doina Banciu, Florin Gheorghe Filip	Digital Transformation - Exploring the Impact of Digital Transformation on Organizational Processes	Springer	978-3-031-63336-2	Germania	https://doi.org/10.1007/978-3-031-63337-9	2024	https://link.springer.com/book/9783031633362
18	Erwin-Chr. Lovasz, Marco Ceccarelli, Valentin Ciupe	Mechanism Design for Robotics MEDER 2024	Springer Cham	978-3-031-67382-5	Cham, Switzerland	https://doi.org/10.1007/978-3-031-67383-2	2024	https://link.springer.com/book/10.1007/978-3-031-67383-2
19	Nicolae Herisanu, Vasile Marinca	Acoustics and Vibration of Mechanical Structures—AVMS-2023	Springer	978-3-031-48086-7	Cham, Switzerland	https://doi.org/10.1007/978-3-031-48087-4	2024	https://link.springer.com/book/10.1007/978-3-031-48087-4

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1	BOB CORNELIU, SORIN DAN, LIANA BOB, CATALIN BADEA, LIANA IURES	Expertizarea si reabilitarea constructiilor de beton armat si zidarie. Studii de caz	MATRIX ROM BUCURES TI		BUCURESTI		2020	https://www.librariaromana.ro/carti/expertizarea-si-reabilitarea-constructiilor-de-beton-armat-si-zidarie-studii-de-caz-bob-corneliu-matrix-rom-bucuresti-p10192518
2	Carmen Uibar	3D printing and scanning	Eurobit	ISBN 978-973-132-627-6	Timișoara		2020	
3	Carmen Uibar	Infrastructura de transport	Eurobit	ISBN 978-973-132-622-1	Timișoara		2020	
4	TION MONICA (WOLFF)	MANAGEMENTUL RESURSELOR UMANE	EUROBIT	978-973-132-623-8	TIMISOARA		2020	
5	Ciurel, Daniel-Liviu	Cultura media. Perspective retorice	Tritonic	978-606-749-472-3	București & Timișoara		2020	
6	Corneliu Bob, Sorin Dan, Cătălin Badea, Liana Bob, Liana Iures	Expertizarea și reabilitarea construcțiilor de beton armat și zidărie. Studii de caz	MATRIX ROM	978-606-25-0581-3	Bucuresti		2021	https://matrixrom.ro/produs/expertizarea-si-reabilitarea-constructiilor-de-beton-armat-si-zidarie-studii-de-caz/
7	Păunescu Vlad, Manea Raluca, Moscovici Anca Maria	Curs de cadastru	EX Terra Aurum	978-606-072-070-6	București		2021	
8	Marc Teodor Paul; Forton Andrei	Trafic rutier	Eurobit	978-973-132-856-0	Timișoara		2021	
9	Cernicova-Buca, Mariana; Cismariu, Liliana; Ciurel, Daniel-Liviu; Dragomir, Gabriel-Mugurel; Gherheș, Vasile	Tinerii politehniști. Valori culturale și intenții migraționale	Tritonic& Politehnica	978-606-749-524-9 & 978-606-35-0402-0	București & Timișoara		2021	
10	Dejica, Daniel & Mariana Cernicova	Dictionar de comunicare și relații publice, englez-român. Ediția a II-a, revizuita și adaugita.	Editura ProUniversitara	978-606-26-1453-9	București		2021	

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12	Dragomir Gabriel Mugurel	Revitalizarea învățării prin metoda interviului. Volumul II	ProUniversitarea	ISBN Gen: 978-606-26-1424-9 ISBN Vol II: : 978-606-26-1423-2	București		2021	
13	Cernicova-Bucă Mariana, Cismariu Liliana, Ciurel Daniel, Dragomir Gabriel Mugurel, Gherheș Vasile	Tinerii politehniști. Valori culturale și intenții migraționale	Tritonic	ISBN: 978-606-749-524-9	București		2021	
14	Molcuț Alin	Perfecționarea managementului cluburilor de fotbal cu echipe de copii și juniori	Eurostampa	978-606-32-1002-0	Timișoara		2021	
15	Forton Andrei, Marc Teodor Paul, Adelin Știrb	Îndrumător de laborator drumuri. Proceduri de lucru	Eurobit	978-973-132-856-2	Timișoara		2022	
16	Mihaela Popescu	Le français professionnelle: mise en pratique dans le milieu francophone roumain	Editura Universitatii de Vest	9789731259550	Timisoara		2022	
17	Grosu Vlad Teodor, Grosu Emilia Florina, Ciorsac Alecu-Aurel	Fitnessul - componentă a științei sportului	RISOPRINT	978-973-53-2843-6	Cluj Napoca		2022	

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19	MIUȚESCU Maria-Cristina	A Diachronic Overview of the Competences Required in the Translation Industry. A Case Study of Today's Romanian Translation Market	Editura Universității de Vest din Timișoara	978-630-327-134-7	Timișoara		2024	http://editura.uvt.ro/produs/a-diachronic-overview-of-the-competences-required-in-the-translation-industry-a-case-study-of-todays-romanian-translation-market/
20	STANICI MIROSLAV	Informare si dezinformare in perioada pandemiei de COVID-19 in Romania	TRITONIC	9786067497311	Bucuresti		2024	
21	Para Iulia & Ionuț Rites, Daniel Dejica.	Dicționar englez-român de termeni și expresii de intelligence.	Editura ProUniversitaria	978-606-26-1896-4	București		2024	https://www.prouniversitaria.ro/carte/dictionar-englez-roman-de-termeni-si-expresii-de-intelligence/

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1	Constantinescu, Muguraș & Daniel Dejica, Titela Vilceanu (coord.).	O istorie a traducerilor în limba română, ITLR - secolul XX, Volumul I.	Editura Academiei Române	978-973-27-3438-4	București		2021	https://www.google.ro/books/edition/O_istorie_a_traducerilor_%C3%AEn_limba_rom%C3%A2/wKAL0AEACAAJ?hl=ro
2	1. Pop, Mirela-Cristina, Touiaq, Mounia (coord.)	La dimension métaphorique des langages de spécialité. Études sur les métaphores de l'automobile	Editura Politehnica, Editura Universității de Vest	ISBN: 978-606-35-0483-9 ; ISBN 978-973-125-922-2.	Timișoara		2022	https://www.researchgate.net/profile/Mirela-Cristina-Pop/publication/361563479_MIRELA-CRISTINA_POP_MOUNIA_TOUIAQ_COORD_La_dimension_metaphorique_des_langages_de_specialite_Etudes_sur_les_metaphores_de_l'automobile_Editura_Politehnica_Editura_Universitatii_de_Vest_Timisoara_2022_/links/62b9a16d193435036bc885bc/MIRELA-CRISTINA-POP-MOUNIA-TOUIAQ-COORD-La-dimension-metaphorique-des-langages-de-specialite-Etudes-sur-les-metaphores-de-l'automobile-Editura-Politehnica-Editura-Universitatii-de-Vest-Timisoara-2.pdf
3	Constantinescu, Muguraș & Daniel Dejica, Titela Vilceanu (coord.).	O istorie a traducerilor în limba română, ITLR - secolul XX, Domenii literare și non literare. Volumul II.	Editura Academiei Române	978-973-27-3685-2	București		2022	https://www.google.ro/books/edition/O_istorie_a_traducerilor_%C3%AEn_limba_rom%C3%A2/UNBw0QEACAAJ?hl=ro
4	Vilceanu, Titela & Daniel Dejica (eds.).	Traducători și traduceri în limba română în secolele XVII-XVIII.	Editura ProUniversitaria	9786062618131	București	https://doi.org/10.52744/978-606-26-1813-1	2024	

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2	Tutelea Lucian Nicolae, Boldea Ion	Electric Machines: UPT Selected Contributions - cap7 -Unified treatment of core losses and saturation in the dq model of electric machines	Politehnica	978-606-35-0356-6	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/send/7-monografii-tehnico-stiintifice/14-ion-boldea-electric-machines-upt-selected-contributions
3	Tutelea Lucian Nicolae, Boldea Ion	Electric Machines: UPT Selected Contributions - cap8 -Inovative 1 phase line start and variable speed (inverter fed) 3 phase and 1 phase PM motor drives for small compressor	Politehnica	978-606-35-0356-7	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/send/7-monografii-tehnico-stiintifice/14-ion-boldea-electric-machines-upt-selected-contributions
4	Tutelea Lucian Nicolae, Boldea Ion	Electric Machines: UPT Selected Contributions - cap9 -MW range electric generator systemsfor renewable energy: design and control	Politehnica	978-606-35-0356-8	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/send/7-monografii-tehnico-stiintifice/14-ion-boldea-electric-machines-upt-selected-contributions
5	Tutelea Lucian Nicolae, Isfanuti A, Popa Ana, Boldea Ion	Electric Machines: UPT Selected Contributions - cap14 -High performance reluctance synchronous machine s for variable speed modeling performance and design	Politehnica	978-606-35-0356-9	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/send/7-monografii-tehnico-stiintifice/14-ion-boldea-electric-machines-upt-selected-contributions
6	Tutelea Lucian Nicolae, Boldea Ion	Electric Machines: UPT Selected Contributions - cap. 15 -Inverse claw pole rotor (or stator) generator/motor drives for automotive and robotics application	Politehnica	978-606-35-0356-10	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/send/7-monografii-tehnico-stiintifice/14-ion-boldea-electric-machines-upt-selected-contributions

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8	Boldea Ion, Tutelea Lucian Nicolae, Deaconu Sorin	Electric Machines: UPT Selected Contributions - cap. 17 - Dual stator PM synchronous motor/generator for HEV: a review	Politehnica	978-606-35-0356-12	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/send/7-monografii-tehnico-stiintifice/14-ion-boldea-electric-machines-upt-selected-contributions
9	O. Cornea	Elemente de electronică de putere	Orizonturi Universitare	978-973-638-647-3	Timișoara		2020	
10	Musuroi S., Popovici D., Sorandaru C., Lascu C., Ancuti M., Svoboda Marcus Ioan, Olarescu N.	Electric Drives - UPT Contributions	Editura Politehnica	978-606-35-0393-1	Timișoara		2020	
11	I. Boldea, Ancuti Mihaela Codruta, Gh. D. Andreescu, A. Popa	Electric machines: UPT selected contributions. Chapter 13. Active flux concept and V/f (I-f) advanced encoderless control of a.c. motors	POLITEHN ICA	978-606-35-0319-1	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/summary/7-monografii-tehnico-stiintifice/14-ion-boldea-electric-machines-upt-selected-contributions
12	V. N. Olarescu, Ancuti Mihaela Codruta, S. Musuroi	Electric drives: UPT selected contributions. Chapter 5. Scalar control of permanent synchronous motor drives	POLITEHN ICA	978-606-35-0393-1	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/summary/7-monografii-tehnico-stiintifice/15-sorin-musuroi-electric-drives-upt-selected-contributions
13	Ancuti Mihaela Codruta	Electric drives: UPT selected contributions. Chapter 6. Sensorless vector control of permanent magnet synchronous motor drives	POLITEHN ICA	978-606-35-0393-1	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/editura/download/summary/7-monografii-tehnico-stiintifice/15-sorin-musuroi-electric-drives-upt-selected-contributions

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35	Nicolae Negut, Liviu-Daniel Pirvulescu, Sergiu-Valentin Galatanu	Politehnica Timisoara - 1920 -2020, Monografie - Mentorii scolii de rezistenta materialelor si incercarea materialelor	Eurostampa	978-606-32-0975-8	Timisoara		2020	

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39	Gheju Marius	Chimia solului	Editura de Vest	978-973-36-0749-6	Timișoara		2020	http://primo.upt.ro:1701/primo-explore/search?vid=40TUT_V1&sortby=rank&lang=ro_RO&search_scope=40TUT&query=any,contains,gheju%20marius
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61	S.l.dr.ing. PESCARI SIMON-ALEXANDRU Drd.ing. MĂDUȚA CARMEN	PROTECȚIA TERMICĂ A CLĂDIRILOR CONCEPȚIE ȘI PROIECTARE Vol. I	POLITEHNICA	978-606-35-0495-2	Timisoara		2022	https://www.editurapolitehnica.upt.ro/ro/component/virtuemart/carti/arhitectura-constructii-hidrotehnica/protec%C8%9Bia-termic%C4%83-a-cl%C4%83dirilor-concep%C8%9Bie-%C8%99i-proiectare-volumul-i-detail
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79	Raluca Ioana Legian *obs: Este o teză de doctorat. Nu credem că trebuie raportată. Dacă se poate raporta aici, ar fi altele.	Sustainable behaviour of buildings with steel-intensive façade systems	Politehnica	978-606-35-0588-1	Timisoara		2023	https://scholar.google.com/scholar?oi=bibs&cluster=146486914118239826&btnI=1&hl=en
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81	Popa Mihaela	Bunăstarea fizică/Ghid practic/Volumul I	Presa Universitară Clujeană	978-606-37-1967-7	Cluj Napoca		2023	https://www.scribd.com/document/714791961/BunastareaFizica1
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87	Florica Cosmina Carmen, Popescu Francisc	Inovarea în domeniul energiilor regenerabile. Ghid	Fundația pentru cultură și învățământ “Ioan Slavici” Timișoara	978-606-8480-93-0	Timișoara		2023	
88	Florica Cosmina Carmen	Ghid aferent obținerii, validării și protejării brevetelor	Fundația pentru cultură și învățământ “Ioan Slavici” Timișoara	978-606-8480-94-7	Timișoara		2023	
89	Cosma Cristian	Tehnologii de prototipare si fabricatie rapida	Politehnica Timisoara	978-606-35-0372-7	Timisoara		2023	
90	Stef Dorian	Constructia si exploatarea sculelor aschietoare	Editura Politehnica Timisoara	978-606-35-0199-9	Timisoara		2023	https://www.editurapolitehnica.upt.ro/ro/bookshop-upt/carte/carti/mecanica/construc%C8%9Bia-%C8%99i-exploatarea-sculelor-a%C8%99chietoare-detail
91	Gubencu, Dinu-Valentin	Îmbunătățirea continuă a proceselor tehnologice	Politehnica	978-606-35-0490-7	Timișoara		2023	
92	Gubencu, Dinu-Valentin	Tolerarea și măsurarea mărimilor geometrice	Politehnica	978-606-35-0551-5	Timișoara		2023	
93	Lucian RUSU	Informatica aplicata	Editura Politehnica	978-606-35-0535-5	Timisoara	https://www.editura.politehnica.upt.ro/ro/editura/download/summary/9-carti-tehnico-stiintifice-cursuri-universitare/24-lucian-rusu-informatica-aplicata	2023	https://www.editurapolitehnica.upt.ro/ro/editura/download/summary/9-carti-tehnico-stiintifice-cursuri-universitare/24-lucian-rusu-informatica-aplicata

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94	Lucian RUSU	Programare in matlab	Editura Politehnica	978-606-35-0520-1	Timisoara	https://www.editura.politehnica.upt.ro/ro/editura/download/summary/9-carti-tehnico-stiintifice-cursuri-universitare/23-lucian-marius-rusu-programare-in-matlab	2023	https://www.editurapolitehnica.upt.ro/ro/editura/download/summary/9-carti-tehnico-stiintifice-cursuri-universitare/23-lucian-marius-rusu-programare-in-matlab
95	Lucian RUSU	Tehnici si echipamente pentru imagistica medicala	Editura Politehnica	978-606-35-0537-9	Timisoara	https://www.editura.politehnica.upt.ro/ro/editura/download/summary/9-carti-tehnico-stiintifice-cursuri-universitare/25-lucian-marius-rusu-tehnici-si-echipamente-pentru-imagistica-medicala	2023	https://www.editurapolitehnica.upt.ro/ro/editura/download/summary/9-carti-tehnico-stiintifice-cursuri-universitare/25-lucian-marius-rusu-tehnici-si-echipamente-pentru-imagistica-medicala
96	Todorescu Liliana-Luminița	Repere și instrumente practice pentru formarea competențelor didactice. Fundamentele pedagogiei. Teoria și metodologia curriculumului.	Editura Didactica si Pedagogica	978-606-31-1921-7	Bucuresti		2023	
97	Todorescu Liliana-Luminița	Repere și instrumente practice pentru formarea competențelor didactice. Teoria și metodologia instruirii. Teoria și metodologia evaluării.	Editura Didactica si Pedagogica	978-606-31-1920-0	Bucuresti		2023	
98	Moza Gheorghe	Differential and Integral Calculus	UPT	978-606-35-0558-4	Timisoara		2023	
99	Eugen Sever ZABAVA, Anamaria Andreea Anghel	Modelare 3D avansata si fabricatie asistata	Editura POLITEHNICA	978-606-35-0542-3	TIMISOARA		2023	Mechanics: Modelare 3D avansată și fabricație digitală

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100	Rares Halbac-Cotoara-Zamfir, Cristina Halbac-Cotoara-Zamfir, Raluca Vaduva, Cristina Maria Povian, Andreea Anamaria Anghel, Jannes Stolte, Jessica Fennell. Johan Barstad, Rhys Evans	Gandeste Verde-Cetatenia de mediu	Editura POLITEHNICA	978-606-35-0564-5	TIMISOARA		2023	
101	Gheju Marius	Chima atmosferei	Editura Politehnica	978-606-35-0518-8	Timișoara		2023	http://primo.upt.ro:1701/primo-explore/search?vid=40TUT_V1&sortby=rank&lang=ro_RO&search_scope=40TUT&query=any,contains,gheju%20marius
102	Claudia Mihali	Aplicații ale tehnologiilor avansate de măsurare în domeniul geodeziei	Politehnica	978-606-35-0566-9	Timișoara		2023	
103	Belega Daniel	Măsurări electrice și electronice. Culegere de probleme.	Politehnica Timișoara	978-606-554-672-1	Timișoara		2023	https://editurapolitehnica.upt.ro/ro/bookshop-upt/carte/carti/electro/m%C4%83sur%C4%83tori-electrice-%C5%9Fi-electronice-culegere-de-probleme-ed%C8%9Bia-a-ii-a-revizuit%C4%83-%C8%99i-ad%C4%83ugit%C4%83-detail
104	FRIGURA-ILIASA Mihaela, GUTU-CHETRUȘCĂ Corina	Impactul instalațiilor electrice asupra mediului. Aplicații	POLITEHNICA Timișoara	978-606-35-0544-7	Timișoara		2023	https://www.editurapolitehnica.upt.ro/ro/bookshop-upt/carte/carti/electro/impactul-instala%C8%9Bilor-energetice-asupra-mediului-aplica%C8%9Bii-detail
105	Osaci Mihaela	Fizică-teorie și aplicații	Politehnica	978-606-35-0529-4	Timișoara		2023	https://www.editurapolitehnica.upt.ro/ro/component/virtuemart/carti/fizica/fizic%C4%83-teorie-%C8%99i-aplica%C8%9Bii-detail
106	Osaci Mihaela	Fizică-teme experimentale	Politehnica	978-606-35-0530-0	Timișoara		2023	https://www.editurapolitehnica.upt.ro/ro/component/virtuemart/carti/fizica/fizic%C4%83-teme-experimentale-detail
107	Deaconu S.I., Topor M.	Mașini Și Acționări Electrice În Automatizări Industriale	Politehnica	978-606-35-0524-9	Timisoara		2023	https://editurapolitehnica.upt.ro/ro/bookshop-upt/carte/carti/electro/ma%C8%99ini-%C8%99i-ac%C8%9Bion%C4%83ri-electrice-%C3%AEen-automatiz%C4%83ri-industriale-detail
108	Eugen Sever Zabava, Cornelia Laura Salcianu, Maria Alexandra Pasca	Pasi de modelare in CAD. Aplicatii in CATIA V5	Politehnica	978-606-35-0534-8	Timisoara		2023	https://editurapolitehnica.upt.ro/en/component/virtuemart/books/mechanics/pa%C5%9Fi-de-modelare-%C3%AEen-cad-aplica%C5%A3ii-%C3%AEen-catia-v5-detail
109	Daniel Catalin Stroita,Cristian Ghera, Adriana Sida Manea	Acționări hidraulice.Aplicatii	Politehnica Timisoara	978-606-35-0543-0	Timisoara		2023	
110	Daniel Catalin Stroita,Cristian Ghera	Acționări hidraulice	Politehnica Timisoara	978-606-35-0554-6	Timisoara		2023	
111	Adriana S. Manea, Daniel. C. Stroiță	Hidraulică și mașini hidraulice	Politehnica Timisoara	978-606-35-0522-5	Timisoara		2023	
112	Prostean Gabriela, Giuca Olivia, Suru Silviu Nicusor	Inginerie industrială și management - aplicatii	Editura Politehnica Timisoara	978-606-35-0539-3	Timisoara		2023	

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113	Botiș Mihaela	Tehnologii de Protecție Anticorozivă	Editura de Vest	ISBN 978-973-36-0836-3	Timișoara		2023	https://www.librarie
114	Pop-Călimanu I., Cireșan A, Lascu D.	DC-DC Converters. Analysis, design, experiments	Politehnica	978-606-35-0604-8	Timișoara		2024	
115	Ioana Monica Pop-Călimanu, Aurel Filip, Radu Mirșu, Cătălin-Daniel Căleanu	ELECTRONIC CIRCUITS FUNDAMENTALS. THEORY AND PROBLEMS	EDITURA POLITEHNICA TIMIȘOARA	978-606-35-0603-1	Timisoara		2024	
116	Ioana Monica Pop-Călimanu, Aurel Cireșan, Dan Lascu	DC-DC CONVERTERS- ANALYSIS, DESIGN, EXPERIMENTS	EDITURA POLITEHNICA TIMIȘOARA	978-606-35-0604-8	Timisoara		2024	
117	Martin Adrian Daniel	MEASUREMENT SYSTEMS INTERFACING	Politehnica	978-606-35-0611-6	Timisoara		2024	https://www.editurapolitehnica.upt.ro/ro/editura/download/summary/9-carti-tehnico-stiintifice-cursuri-universitare/32-adrian-daniel-martin-measurement
118	Artene Alin Emanuel, Ivașcu Larisa, Pavel Codruța, Domil Aura	Dinamica relațiilor de muncă Cheia pentru creșterea valorii adăugate în managementul companiilor	Politehnica	978-606-35-0573-7	Timisoara		2024	
119	Corneliu Marius Crăciunescu, Nicolae Vaszilcsin, George Dima, Andrea Kellenberger, Ciprian Șorândar, Delia-Andrada Duca	Energia verde ; Esența unui viitor sustenabil (autor si editor)	EDITURA POLITEHNICA TIMIȘOARA	9786063506222	Timisoara		2024	
120	Marius POP-CĂLIMANU, Richard HERMAN	TEHNOLOGII CONVENȚIONALE ȘI NECONVENȚIONALE ÎN PRELUCAREA MATERIALELOR METALICE	EDITURA POLITEHNICA TIMIȘOARA	978-606-35-0576-8	Timisoara		2024	
121	Anamaria Feier, Richard Molnar, Edward Petzek	Aplicatii practice. Remedierea deformatiilor la imbinarile sudate	Politehnica	978-606-35-0582-9	Timisoara		2024	

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122	Buzdugan Dragos, Raduta Aurel	Deformarea și ruperea materialelor	Politehnica	978-606-35-0629-1	Timisoara		2024	
123	Stuparu Adrian, Bosioc Alin, Ciocan Tiberiu	Proiectarea mașinilor hidraulice axiale	Editura Politehnica	978-606-35-0615-4	Timișoara		2024	
124	Susan-Resiga Romeo, Anton Liviu, Baya Alexandru, Muntean Sebastian, Stuparu Adrian	Turbomachinery hydrodynamics	Editura Politehnica	978-606-35-0433-4	Timișoara		2024	
125	Pirvulescu L.D., Neguț N.	Personalități Științifice ale Politehnicii Omagiate prin Statuile Facultății de Mecanică	Politehnica	978-606-35-06192	Timișoara		2024	
126	Alin-Florin TOTOREAN, Antonius STANCIU	Aparate de Anestezie și Terapie Intensivă	Editura Politehnica	978-606-35-0578-2	Timisoara		2024	
127	SZABO Alexandru, MOLCUȚ Alin	Cercetări asupra comportării dinamice a protezelor externe de amputație și a straturilor depuse HVOF pe substraturi din titan	Editura Universității Transilvania din Brașov	978-606-19-1730-3	Brașov		2024	
128	Moza Gheorghe	Algebră liniară și Geometrie analitică	UPT	978-606-35-0575-1	Timisoara		2024	
129	Negrea Petru Mihăilescu Maria	Controlul validității rezultatelor în laboratorul de determinări analitice	Editura Politehnica	978-606-35-0627-7	Timișoara		2024	
130	Bogdan Demetrescu, Andrei Chindriș, Alexandrina Ciortuz, Sebastian Novovici	ECLUZE PE BEGA	Editura Nouă	IISBN 978-606-596-198-2			2024	
131	Petru NEGREA, Mihaela SCURTU, Maria MIHAILESCU	Controlul validitatii rezultatelor in laboratorul de determinari analitice	Politehnica	978-606-35-0627-7	Timisoara		2024	https://www.editurapolitehnica.upt.ro/ro/bookshop-upt/carte/carti/chimie/controlul-validit%C4%83%C8%9Bii-rezultatelor-%C3%AEen-laboratorul-de-determin%C4%83ri-analitice-detail
132	C.M. Craciunescu, N. Vaszilcsin, G. Dima, M.L. Dan, A. Kellenberger, C. Sorandaru, D.A. Duca	Energia verde: esenta unui viitor sustenabil	Editura Politehnica	978-606-35-0622-2	Timișoara		2024	http://primo.upt.ro:1701/primo-explore/search?query=any,contains,energia%20verde&tab=default_tab&search_scope=40TUT&vid=40TUT_V1&lang=ro_RO&offset=0
133	Bonciog Dumitru-Daniel	Tehnici de simulare și măsurare în domeniul electronicii medicale	Politehnica Timișoara	978-606-35-0596-6	Timisoara		2024	http://aleph22.upt.ro/F/9BCHNBDHRF3A8M1X8144XQIGKJRBEFK2F7Y91HIRGRN148QTUQ-14334?func=find-acc&acc_sequence=000996342

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134	Autor: Alic Daniela Delia Redactor: Mihali Claudia Editor Șef: Aldo De Sabata	Vibrații mecanice. Teorie și aplicații	Editura Politehnica Timișoara	978-606-35-0597-3	Timișoara		2024	https://editurapolitehnica.upt.ro/ro/
135	Cristian Ghera, Ilare Bordeașu, Cornelia Laura Sălcianu, Alexandru Nicolae Luca	Acționări pneumatice	Politehnica Timișoara	978-606-35-0605-5	Timișoara		2024	
136	Balogh Ramon-Mihai	Sustenabilitatea și calitatea aerului în sistemul de transport feroviar	Politehnica Timisoara	978-606-658-0606-2	Timișoara		2024	
137	Balogh Ramon-Mihai	Teoria probabilității și statistică matematică aplicată în transporturi	Politehnica Timisoara	978-606-658-0630-7	Timișoara		2024	
138	R Negru, DA Serban, E Linul	Analiza structurilor mecanice cu Abaqus/CAE-Editia a II-a	Editura Politehnica	978-606-35-0589-82024	Timișoara	https://bibnat.ro/wp-content/uploads/2024/10/CIP-iunie-2024.pdf	2024	https://bibnat.ro/wp-content/uploads/2024/10/CIP-iunie-2024.pdf
139	Molcuț Alin, Szabo Alexandru	Cercetări asupra comportării dinamice a protezelor externe de amputație și a straturilor depuse HVOF pe substraturi de titan	Universitate a Transilvania din Brașov	978-606-19-1730-3	Brașov		2024	
140	Botiș Mihaela	Ecotehnologie și Reciclare	Editura de Vest	ISBN 978-973-36-0841-7	Timișoara		2024	https://www.librarie

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1	CATALIN BADEA, REMUS CHENDES, CARMEN MADUTA, SIMON PESCARI, MAURA VIOREANU, CATALIN GOVOREANU	REVISTA "BUILDING CONSTRUCT: NR. 02, 2020	EDITURA POLITEHNICA	ISSN: 2668-3210	TIMISOARA		2020	
2	Anamaria Feier, Aurelian Magda	Acoperiri Termice și Recondiționări. Aplicații	Politehnica	978-606-35-0403-7	Timisoara		2020	
3	C. D. Căleanu, M. Ciugudean, A. Ignea	Monografia Facultății de Electronică, Telecomunicații și Tehnologii Informaționale. La semicentenar	Editura Politehnica	978-606-35-0391-7	Timisoara		2020	https://www.editurapolitehnica.upt.ro/ro/bookshop-upt/carte/carti/electro/monografia-facult%C4%83%C5%A3ii-de-electronic%C4%83,-telecomunica%C5%A3ii-%C5%9Fi-tehnologii-informa%C5%A3ionale-din-timi%C5%9Foara-la-semicentenar-detail
4	CATALIN BADEA, REMUS CHENDES, CARMEN MADUTA, SIMON PESCARI, MAURA VIOREANU, ROBERT GABOR	REVISTA "BUILDING CONSTRUCT: NR. 03, 2021	EDITURA POLITEHNICA	ISSN: 2668-34535	TIMISOARA		2021	
5	Silviu Vert, Vlad Mihaescu	Dezvoltarea platformelor web cu Wordpress	Editura Politehnica	978-606-35-0445-7	Timisoara		2021	https://www.editurapolitehnica.upt.ro/ro/component/virtuemart/carti/electro/dezvoltarea-platformelor-web-cu-wordpress-detail
6	Duma Virgil-Florin, Rolland Jannick, Podoleanu Adrian (Eds.)	1st Int. Conf. Advances in 3OM: Opto-Mechatronics, Opto-Mechanics and Optical Metrology. Book of Abstracts	Politehnica	ISSN 2810-5249	Timisoara		2021	
7	Duma Virgil-Florin, Rolland Jannick, Podoleanu Adrian, Sinescu Cosmin, Guina Mircea, Pop Nicolina	2nd International Conference Advances in 3OM: Opto-Mechatronics, Opto-Mechanics and Optical Metrology. Book of Abstracts	Politehnica	ISSN 2810-5249	Timisoara		2021	
8	Ciprian-Constantin Orhei	Urban landmark detection using Computer Vision, Colectia "Teze de doctorat ale UPT", seria 7: "Inginerie Electronica și Telecomunicații"	Editura Politehnica	ISBN 978-606-35-0513-3	Timisoara		2022	
9	Anamaria Feier (Editor coordonator), Mihaela Popescu, Aurelian Magda	70 ani de Invatamant Superior in domeniul Ingineriei Sudarii la Universitatea Politehnica Timisoara	Politehnica	978-606-35-0190-6	Timisoara		2023	
10	Constantinescu, Muguraș & Daniel Dejica, Titela Vilceanu (coord.).	O istorie a traducerilor în limba română, ITRL - secolele XVI-XIX. Volumul III.	Editura Universității "Ștefan cel Mare".	978-973-666-789-3.	Suceava		2023	https://www.google.ro/books/edition/O_istorie_a_traducerilor_%C3%AE_n_limba_rom%C3%A2/7Oxz0QEACAAJ?hl=ro

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11	CATALIN BADEA, LIANA IURES, REMUS CHENDES, VIOREL TODEA, ALEXANDRA DRAGOI, CATALIN GACICA	REVISTA "BUILDING CONSTRUCT: NR. 03, 2024	EDITURA POLITEHNICA	ISSN: 2668-3210	TIMISOARA		2024	
12	CATALIN BADEA, REMUS CHENDES, LIANA IURES	REVISTA "SUSTAINABLE MATERIALS", NO. 01, 2024	EDITURA POLITEHNICA	ISSN: 3061-2616	TIMISOARA		2024	
13	Ciprian Orhei, Muguraș Mocofan, Silviu Vert	Limbaje de programare - Aplicații practice folosind Python	Editura Politehnica	978-606-35-0513-3	Timisoara		2024	
14	Anamaria Feier, Richard Molnar, Edward Petzek	Aplicatii practice. Remedierea deformatiilor la imbinarile sudate	Politehnica	978-606-35-0582-9	Timisoara		2024	
15	SUSAN-RESIGA Romeo Florin	Turbomachinery Hydrodynamics	Editura Politehnica Timișoara	978-606-35-0433-4	Timișoara	https://aleph.bibnat.ro/F/A2M4M8Y1F725JEJ8EFQ6CNLVPRNGIBQDQNK4FYJ9KB8UR61FL-04079?func=full-set-set&set_number=020649&set_entry=000001&format=037	2024	https://aleph.bibnat.ro/F/A2M4M8Y1F725JEJ8EFQ6CNLVPRNGIBQDQNK4FYJ9KB8UR61FL-04664?func=full-set-set&set_number=020649&set_entry=000001&format=999

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Nr. crt.	Nume și prenume autori capitol în tratat / carte/ monografie	Anul publicării	Titlu capitol	Număr de pagini capitol cu autori din UPT	Nume și prenume ale coordonatorilor / editorilor cărții	Titlu tratatului / cărții / monografiei	DOI - link	Editura	ISBN	Localitatea
1	Meenakshi SHARMA, Nidhika CHAUHAN, Himani BANSAL, and Loredana STANCIU	2020	Digital Marketing and Analysis Techniques: Transforming Internet Usage	21	Gulshan Shrivastava, Sheng-Lung Peng, Himani Bansal, Kavita Sharma, Meenakshi Sharma	NEW AGE ANALYTICS, Transforming the Internet through Machine Learning, IoT, and Trust Modeling	https://doi.org/10.1016/B978-0-323-90646-3.00031-9	Apple Academic Press/CRC Press	ISBN 9781774634998	
2	Boeve-de Pauw J., Halbac-Cotoara-Zamfir R.	2020	Environmental Citizenship in the Context of Primary Non-formal Education	13	Hadjichambis A. et al.	Conceptualizing Environmental Citizenship for 21st Century Education. Environmental Discourses in Science Education, vol 4.	https://doi.org/10.1007/978-3-030-20249-1_12	Springer	978-3-030-20249-1	Cham
3	Bauer N., Megyesi B., Halbac-Cotoara-Zamfir R., Halbac-Cotoara-Zamfir C.	2020	Attitudes and Environmental Citizenship	15	Hadjichambis A. et al.	Conceptualizing Environmental Citizenship for 21st Century Education. Environmental Discourses in Science Education, vol 4.	https://doi.org/10.1007/978-3-030-20249-1_7	Springer	978-3-030-20249-1	Cham
4	Pop Nicolina	2020	Coherent states	13	Putz Mihai	New Frontiers in Nanochemistry Concepts_Vol 1 Structural Nanochemistrys	https://doi.org/10.1201/9780429022937	Apple Academic Press	9780429022937	New York
5	Pop Nicolina	2020	Excitons	7	Putz Mihai	New Frontiers in Nanochemistry Concepts_Vol 1 Structural Nanochemistrys	https://doi.org/10.1201/9780429022937	Apple Academic Press	9780429022937	New York
6	Pop Nicolina	2020	Partition Function	10	Putz Mihai	New Frontiers in Nanochemistry Concepts_Vol 1 Structural Nanochemistrys	https://doi.org/10.1201/9780429022937	Apple Academic Press	9780429022937	New York
7	Bibu,N., Cernescu (Iloie), L.M., Munteanu , V.	2020	Evaluating the Performance of University Innovative Companies: The Management of Academic Spin-offs and Start-ups in Romania	17		THE BEST ROMANIAN MANAGEMENT STUDIES 2017-2018		Trivent Publishing		
8	Anamaria Todea, Carmen G. Boeriu, Francisc Peter, Emese Biró	2020	Immobilized β -D-galactosidases for improved synthesis of short-chain galacto-oligosaccharides	40	Alexandru Mihai Grumezescu, Alina Maria Holban	Biotechnological Progress and Beverage Consumption	https://doi.org/10.1016/B978-0-12-816678-9.00003-5	Elsevier	978-0-12-816678-9	Amsterdam
9	Adriana ALBU, Radu-Emil PRECUP, Teodor-Adrian TEBAN	2021	Intelligent Paradigms for Diagnosis, Prediction and Control in Healthcare Applications	39	Chee-Peng Lim, Yen-Wei Chen, Ashlesha Vaidya, Charu Mahorkar, Lakhmi C. Jain	Handbook of Artificial Intelligence in Healthcare	https://doi.org/10.1007/978-3-030-83620-7_1	Springer	978-3-030-83619-1	Cham, Switzerland
10	R.-E. Precup, E.-I. Voişan, R.-C. David, E.-L. Hedrea, E. M. Petriu, R.-C. Roman, A.-I. Szedlak-Stînean	2021	Nature-inspired optimization algorithms for path planning and fuzzy tracking control of mobile robots	20	E. Osaba, X.-S. Yang	Applied Optimization and Swarm Intelligence	http://dx.doi.org/10.1007/978-981-16-0662-5_7	Springer	978-981-16-0661-8	Singapore

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11	A. T. Azar, F. E. Serrano, A. Koubaa, H. A. Ibrahim, N. A. Kamal, A. Khamis, I. K. Ibraheem, A. J. Humaidi, R.-E. Precup	2021	Robust fractional-order sliding mode control design for UAVs subjected to atmospheric disturbances	26	A. Koubaa, A. T. Azar	Unmanned Aerial Systems: Theoretical Foundation and Applications	http://doi.org/10.1016/B978-0-12-820276-0.00012-1 , http://doi.org/10.1016/C2019-0-00693-0	Academic Press, Elsevier	978-0-12-820276-0	London, San Diego, CA, Cambridge, MA, Oxford
12	Adriana Trusculescu, Laura Broasca, Ancusa Versavia, Diana Manolescu, Emanuela Tudorache, Cristian Oancea	2021	Managing Interstitial Lung Diseases with Computer-Aided Visualization	28	Kumar Bhoi, A., Mallick, P.K., Narayana Mohanty, M., Albuquerque, V.H.C.d.	Hybrid Artificial Intelligence and IoT in Healthcare	10.1007/978-981-16-2972-3_12	Springer	978-981-16-2971-6	Singapore
13	Dan Daniel, Cristina Tănăsă	2021	Life Cycle Cost Analysis of Energy Efficient Buildings: Theory and Study Case	19	Ligia Moga, Teodora Soimosan	Environmental and Human Impact of Buildings, An Energetics Perspective/	doi.org/10.1007/978-3-030-57418-5_11	Springer	978-3-030-57417-8	Heidelberg
14	Silviana Brata, Raul Catalin Ene, Dan Daniel, Iosif Boros	2021	Life Cycle Assessment, an Integrated Vision to Energy Efficiency in the Building Industry, pp313-340	28	Ligia Moga, Teodora Soimosan	Environmental and Human Impact of Buildings, An Energetics Perspective/	doi.org/10.1007/978-3-030-57418-5_11	Springer	978-3-030-57417-8	
15	Halbac-Cotoara-Zamfir R., Rusu T., Halbac-Cotoara-Zamfir C.	2021	Water Harvesting and Conservation in Romania	14	S. Eslamian and F. Eslamian	Handbook of Water Harvesting and Conservation	https://doi.org/10.1002/9781119776017.ch31	John Wiley & Sons	978-111-977-601-7	
16	Al-Tawaha A.R.M., Günel H., Křeček J., Halbac-Cotoara-Zamfir R., Patel H.K., Vyas R.V., Halbac-Cotoara-Zamfir C., Celik I., Khalid A.S., Aleksanyan A., Al-Tawaha A.R., McNeil D.L., Rauf I.A., Sangeetha J., Fahad S., Trioui L., Zaiton A.A., Al-Ramamneh E.A.	2021	Soil fertility decline under climate change	19	Fahad S., Sönmez O., Saud S., Wang D., Wu C., Adnan M., Turan V.	Sustainable soil and land management and climate change	https://doi.org/10.1201/9781003108894	CRC Press Taylor and Francis	978-100-310-889-4	Boca Raton
17	Beilicci Erika Beata Maria Beilicci Robert Florin Vișescu Mircea	2021	Modeling the Evolution of Surface and Groundwater Quality	26	Ashok K. Vaseashta, Carmen Maftei	Water Safety, Security and Sustainability Threat Detection and Mitigation	https://doi.org/10.1007/978-3-030-76008-3	Springer Nature Switzerland AG	ISBN 978-3-030-76007-6 ISBN 978-3-030-76008-3 (eBook)	Cham, Switzerland

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18	Mihaescu Vlad	2021	Creative & Cultural Entrepreneurship	9	Johann GÜNTHER	Digital Culture in Education, Science and Technology	https://books.google.ro/books/about/Digital_Culture_in_Education_Science_and_Technology.html?id=tKs20AEACAAJ&redir_esc=y	IAFeS - International Association for eScience	978-3-9505150-0-8	Vienna
19	Vert Silviu	2021	Spotlight Timisoara AR - Mobile Augmented Reality with Historical Images for Cultural Heritage	6	Johann GÜNTHER	Digital Culture in Education, Science and Technology	https://books.google.ro/books/about/Digital_Culture_in_Education_Science_and_Technology.html?id=tKs20AEACAAJ	IAFES Publications Vienna	978-3-9505150-0-8	Vienna
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21	Attila Simo, Constantin Barbulescu, Stefan Kilyeni	2021	LoRaWAN Based Airport Runway Lights Monitoring System	19-29	Valentina Emilia Balas, Lakhmi C. Jain, Marius Mircea Balas, Shahnaz N. Shahbazova	Soft Computing Applications. SOFA 2018. Advances in Intelligent Systems and Computing, vol. 1221	https://doi.org/10.1007/978-3-030-51992-6_2	Springer	Print: 978-3-030-51991-9 Online: 978-3-030-51992-6	Londra
22	Ivascu Larisa, Artene Alin Emanuel	2021	eTeaching and eLearning Resources. A Challenge for University Education During Covid-19	20	Jingzheng Ren	Multi-Criteria Decision Analysis for Risk Assessment and Management	DOI https://doi.org/10.1007/978-3-030-78152-1	Springer	978-3-030-78151-4	Switzerland AG
23	Florin Dragan, Larisa Ivascu	2021	Sustainable Development: ICT, New Directions, and Strategies	20	Muthu, S.S. (eds)	Life Cycle Sustainability Assessment (LCSA). Environmental Footprints and Eco-design of Products and Processes	https://doi.org/10.1007/978-981-16-4562-4_5	Springer	978-981-16-4561-7	Germany
24	Larisa Ivascu*, Alin Emanuel Artene	2021	Risk Assessment: Indicators and Organizational Models	20	editor Jingzheng Ren (Honk Kong	Multi-Criteria Decision Analysis for Risk Assessment and Management, Industrial Ecology and Environmental Management series	https://doi.org/10.1007/978-3-030-78152-1_1	Springer	978-3-030-78151-4	Germany
25	Florin Drăgan, Larisa Ivascu, Ben-Oni Ardelean	2021	Trends for Manufacturing Industry: A Strategic Roadmap toward Industry 5.0	18	editori Anca Drăghici, Larisa Ivascu	Sustainability and Innovation in Manufacturing Enterprises - Indicators, Models and Assessment for Industry 5.0	https://doi.org/10.1007/978-981-16-7365-8_11	Springer	978-981-16-7364-1	Germany

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26	Anamaria Feier, Andrei Becheru, Mihai Brîndusoiu, Lucian Blaga	2021	Process Transferability of Friction Riveting of AA2024-T351/Polyetherimide (PEI) Joints Using Hand-Driven, Low-Cost Drilling Equipment	9	Shaghayegh Hamzehlou	Multifunctional hybrid materials based on polymers: design and performance	https://doi.org/10.3390/pr9081376	MDPI	978-3-0365-2033-9	
27	Iosif Lazar, Ilare Bordeasu, Liviu Daniel Pirvulescu, Mihai Hluscu, Dumitru Viorel Bazavan, Lavinia Madalina Micu, Cristian Ghera	2021	The Influence of the Hardening and Tempering Heat Treatment on the Strength of the CuZn39Pb3 Brass to Cavitation Erosion	7	Rackov, M., Mitrović, R., Čavić, M.	Machine and Industrial Design in Mechanical Engineering	doi.org/10.1007/978-3-030-88465-9_29	Springer International Publishing	978-3-030-88464-2	Novi Sad, Serbia
28	Lazăr I., Bordeasu I., Pirvulescu L.D., Hluscu M., Băzavan D.V., Micu L. M., Ghera C.	2021	The Influence of the Hardening and Tempering Heat Treatment on the Strength of the CuZn39Pb3 Brass to Cavitation Erosion	8	Milan Rackov, Radivoje Mitrović Maja Čavić	Machine and Industrial Design in Mechanical Engineering	https://doi.org/10.1007/978-3-030-88465-9	Springer	978-3-030-88464-2	Novi Sad
29	Cernicova-Buca, Mariana	2021	Perspectives on the Emergency Remote Assessment during the COVID-19 Pandemic	14	Brizeida Hernández-Sánchez, José Carlos Sánchez-García, António Carrizo Moreira and Alcides A. Monteiro	Psychosocial, Educational, and Economic Impacts of COVID-19 Pandemic	10.5772/intechopen.101677	IntechOpen	978-1-80355-040-4	Londra, Marea Britanie
30	Eugen Onescu, Iasmina Onescu, Marius Mosoarca	2021	Seismic vulnerability assessment methodology for historical buildings with cultural value	12	P. Roca, L.Pella, C. Mollins	Vulnerability and risk analysis. SAHC 2020	http://doi.org/10.23967/sahc.2021.236	International Centre for Numerical Methods in Engineering, CIMNE	978-84-123222-0-0	Spain
31	R.-E. Precup, R.-C. David	2022	Nature-Inspired Optimal Tuning of Fuzzy Controllers	34	P. P. Angelov	Handbook on Computer Learning and Intelligence, Volume 2: Deep Learning, Intelligent Control and Evolutionary Computation	https://www.worldscientific.com/doi/abs/10.1142/9789811247323_0020 , http://dx.doi.org/10.1142/12498	World Scientific	978-981-12-4514-5	Singapore
32	Radac Mircea-Bogdan, A-B Borlea	2022	Learning model-free reference tracking control with affordable systems	26	L Ivascu, L-I Cioca, FG Filip	Intelligent Techniques for Efficient Use of Valuable Resources: Knowledge and Cultural Resources	https://doi.org/10.1007/978-3-031-09928-1_10	Springer	978-3-031-09927-4	Switzerland AG

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33	Pop Aniela, Manea Florica, Ilies Sorina	2022	Carbon nanomaterials-based sensors for water treatment	24	C. M. Hussain, J. Manjunatha	Carbon Nanomaterials-Based Sensors: Emerging Research Trends in Devices and Applications	10.1016/B978-0-323-91174-0.00025-1	Elsevier	978-032391174-0, 978-032398419-5	Amsterdam
34	Strelnikova, Daria, Ioneanu, Stefana, Herban, Sorin, Paulus, Gernot, & Manfreda, Salvatore	2022	Operations Manual for the Use of UAS in Environmental Studies (based on SORA 2.0)	114	Strelnikova, Daria, Ioneanu, Stefana, Herban, Sorin, Paulus, Gernot, & Manfreda, Salvatore	Operations Manual for UAS operations (OM)	https://doi.org/10.5281/zenodo.7562377	ZENODO		
35	Halbac-Cotoara-Zamfir R., Tempels B.	2022	Institutionalizing the resilient city: constraints and opportunities	14	Hartmann T., Slaviková L., Wilkinson M.E.	Spatial Flood Risk Management. Implementing Catchment-based Retention and Resilience on Private Land	https://10.4337/9781800379534.00018	Edward Elgar Publishing	978-180-037-952-7	Cheltenham, UK
36	De Sabata Aldo, Matekovits Ladislau, Silaghi Andrei	2022	Printed Periodic Structures in Support to 5G Network Antennas	35	Matekovits Ladislau, Kanaujia Binod Kumar, Kishor Jugul, Gupta Surendra Kumar	Printed Antennas for 5G Networks	https://doi.org/10.1007/978-3-030-87605-0	PoliTO Springer Series	978-3-030-87604-3	Torino
37	Septimiu Mischie	2022	Bluetooth Low Energy Applications in MATLAB	18	Constantin Voloșencu	MATLAB Applications in Engineering	10.5772/intechopen.91588 - https://www.intechopen.com/books/10402	IntechOpen	978-1-83962-877-1	Londra, Rijeka
38	Larisa Ivascu, Lucian-Ionel Cioca, Florin Gheorghe Filip	2022	Information and Communications Technology in the Context of Circular Economy	15	Larisa Ivascu, Lucian-Ionel Cioca, Florin Gheorghe Filip	Intelligent Techniques for Efficient Use of Valuable Resources, Book Subtitle: Knowledge and Cultural Resources, Part of the book series: Intelligent Systems Reference Librar	https://doi.org/10.1007/978-3-031-09928-1_1	Springer	978-3-031-09927-4	Germany
39	Ivascu Larisa, Artene Alin Emanuel	2022	eTeaching and eLearning Resources. A Challenge for University Education During Covid-19	12	Larisa Ivascu, Lucian-Ionel Cioca, Florin Gheorghe Filip	Intelligent Techniques for Efficient Use of Valuable Resources	DOI https://doi.org/10.1007/978-3-031-09928-1	Springer	978-3-031-09927-4	Switzerland AG
40	Firu Adrian Ciprian, Feier Anamaria, Banciu Felicia, Tapirdea Alin Ion, Draghici George	2022	New Approaches to Product Development in the Current Industrial and Economic Context	19	Anca Draghici, Larisa Ivascu	Sustainability and Innovation in Manufacturing Enterprises	doi.org/10.1007/978-981-16-7365-8	Springer	978-981-16-7365-8	Singapore
41	Stef Dorian, Draghici George	2022	Manufacturing Processes Automation and Their Intelligent Monitoring	25	Draghici Anca, Ivascu Larisa	Draghici Anca, Ivascu Larisa	https://doi.org/10.1007/978-981-16-7365-8_7	Springer	978-981-16-7364-2	Singapore
42	Adrian Cioabla, Popescu Francisc	2022	Case Studies in Biogas Production from Different Substrates	29	Abd El-Fatah Abomohra, El-Sayed Salama	Biogas. Basics, Integrated Approaches, and Case Studies	https://www.intechopen.com/books/10980	INTECH OPEN	978-1-80355-108-1	Londra

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43	Alin Florin Totorean Sandor Ianos Bernad Ciocan Tiberiu Iuliana-Claudia Totorean Elena Silvia Bernad	2022	Computational Fluid Dynamics Applications in Cardiovascular Medicine—from Medical Image-Based Modeling to Simulation: Numerical Analysis of Blood Flow in Abdominal Aorta	42	Dia Zeidan Lucy T. Zhang Eric Goncalves Da Silva Jochen Merker	Advances in Fluid Mechanics Modelling and Simulations	https://doi.org/10.1007/978-981-19-1438-6_1	Springer	978-981-19-1437-9	Singapore
44	Buzdugan M., Valean E., Galatus B., Foltut D., Duma I., Marsavina L.	2022	The Influence of Temperature on the Tensile Mechanical Properties of PPA	6	Sîrbu Nicușor Alin, Liang Steven Y.	Solid State Phenomena	10.4028/p-z74a51	Trans Tech Publications Ltd		Baech, Switzerland
45	Totorean AF, Bernad SI, Ciocan T, Totorean IC, Bernad ES	2022	Computational Fluid Dynamics Applications in Cardiovascular Medicine—from Medical Image-Based Modeling to Simulation: Numerical Analysis of Blood Flow in Abdominal Aorta	42	Zeidan, D., Zhang, L.T., Da Silva, E.G., Merker, J.	Advances in Fluid Mechanics	https://doi.org/10.1007/978-981-19-1438-6_1	Springer	2364-6748	Singapore
46	Dejica, Daniel & Simona Șimon, Marcela Fărcașiu, Annamaria Kilyeni	2022	Developing a Working Methodology for Surveying Validators and Facilitators in Europe.	34	Dejica, D., García Muñoz, Ó., Șimon, S., Fărcașiu, M., & Kilyeni, A.	The Status of Training Programs for E2R Validators and Facilitators in Europe.		Lucca	979-12-210-0389-5	Esedra
47	Dejica, Daniel & Simona Șimon, Marcela Fărcașiu, Annamaria Kilyeni	2022	The educational background and training priorities of validators and facilitators in Romania.	6	Dejica, D., García Muñoz, Ó., Șimon, S., Fărcașiu, M., & Kilyeni, A.	The Status of Training Programs for E2R Validators and Facilitators in Europe.		Lucca	979-12-210-0389-5	Esedra
48	Dejica, Daniel & Simona Șimon, Marcela Fărcașiu, Annamaria Kilyeni	2022	The background and training programs for E2R validators and facilitators in facts and figures. A European Perspective.	14	Dejica, D., García Muñoz, Ó., Șimon, S., Fărcașiu, M., & Kilyeni, A.	The Status of Training Programs for E2R Validators and Facilitators in Europe.		Lucca	979-12-210-0389-5	Esedra
49	Annamaria Kilyeni, Maria-Dana GROSSECK, Mirela-Cristina Pop	2022	Representations métaphoriques de l'automobile dans les publications de langue roumaine	50	MIRELA-CRISTINA POP, MOUNIA TOUIAQ	La dimension métaphorique des langages de spécialité. Études sur les métaphores de l'automobile		Editura Politehnica, Editura Universității de Vest	ISBN 978-606-35-0483-9 ; ISBN 978-973-125-922-2	Timisoara

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50	Bădescu, Ș., Kissfazekas, K., Părezanin, V., Danciu, M. & Yordanova, M.	2022	The rise of mono-cities and new cities along the Danube	12 pag.	Djukić, A., Kadar, B., Stan, A. & Antonić, B.	D+ Atlas. Atlas of Hidden Urban Values along the Danube		University of Belgrade - Faculty of Architecture	ISBN 978-86-7924-320-1	Belgrad, Serbia
51	Alina Payne (ed), Josip (Joško) Belamarić, Diana Belci, Darka Bilić, Daniela Calciu, Ioli Kalavrezou, Nicole Kançal-Ferrari, Gülru Necipoğlu, Anna Mária Nyáradi, Alexandr Osipian, Daniel Premerl, Mirko Sardelic, Vladimir Simić, Tatiana Sizonenko, Ana Šverko, Iván Szántó, Michał Wardzyński	2022	Portability, Mobility, and Cultural Transfers—Wooden Church Architecture in Early Modern Banat	20	Alina Payne	The Land between Two Seas: Art on the Move in the Mediterranean and the Black Sea 1300–1700	https://doi.org/10.1163/9789004515468	Brill	978-90-04-51382-2	Leiden/Boston
52	Pal-Stefan Murvay, Adriana Berdich, Bogdan Groza	2023	Physical Layer Intrusion Detection and Localization on CAN Bus	25	Vipin Kumar Kukkala, Sudeep Pasricha	Machine Learning and Optimization Techniques for Automotive Cyber-Physical Systems	https://doi.org/10.1007/978-3-031-28016-0_13	Springer	978-3-031-28015-3	
53	Sabina Alina Potra, Mahmut Sami Islek, Mădălin-Dorin Pop	2023	Students as Customers in the Design of an Erasmus Mundus Educational Program on Neuromarketing	17	Kelley Walters	Dynamic Curriculum Development and Design Strategies for Effective Online Learning in Higher Education	https://doi.org/10.4018/978-1-6684-8646-7.ch008	IGI Global	978-1-668-48646-7	USA
54	Velmani Ramasamy, Mădălin-Dorin Pop	2023	The Future Network 2030: A Simplified Intelligent Transportation System	21	S. Kannadhasan, R. Nagarajan, Alagar Karthick	Intelligent Technologies for Sensors: Applications, Design, and Optimization for a Smart World	https://doi.org/10.1201/9781003314851	CRC Press	978-1-003-31485-1	New York
55	Ciopec Mihaela, Petru Negrea, Bogdan Pascu	2023	Inductively Coupled Plasma Optical Spectroscopy and Atomic Absorption Spectroscopy	27	Makarand M. Ghangrekar, Narcis M. Duteanu, Rao Y. Surampalli, Tian C. Zhang	Microbial Electrochemical Technologies: Fundamentals and Applications	https://onlinelibrary.wiley.com/doi/book/10.1002/9783527839001	Wiley-VCH GmbH	Print ISBN:9783527350735 Online ISBN:9783527839001	Weinheim, Berlin
56	Lavinia Lupa, A.M. Dobos, A. Bargan, Anca Filimon	2023	Ionic liquid-based composite materials for membrane applications 247-274	27	Inamuddin, Tariq Altalhi, Mohammad Abu Jafar Mazumder	Green Sustainable Process for Chemical and Environmental Engineering and Science	https://doi.org/10.1016/B978-0-443-18746-9.00006-6	Elsevier	9780443187469	Amsterdam
57	Lavinia Lupa, Laura Coheci	2023	Heavy Metals Removal from Water and Wastewater.	29	Basim A. Almayyahi	Heavy Metals - Recent Advances	10.5772/intechopen.110228	InTech Open	978-1-83768-515-8	Londra
58	Hădărugă Nicoleta-Gabriela; Hădărugă Daniel-Ioan	2023	Hydroxycinnamic Acids (Chapter 3)	25	Jafari Seid Mahdi; Rashidinejad Ali; Simal-Gandara Jesus	Handbook of Food Bioactive Ingredients. Properties and Applications	https://doi.org/10.1007/978-3-030-81404-5_3-1	Springer Nature Switzerland AG	978-3-030-81404-5	Cham

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59	Hădărugă Daniel-Ioan; Hădărugă Nicoleta-Gabriela	2023	Flavones. Structure, Properties, Sources and Food Applications (Chapter 4)	24	Jafari Seid Mahdi; Rashidinejad Ali; Simal-Gandara Jesus	Handbook of Food Bioactive Ingredients. Properties and Applications	https://doi.org/10.1007/978-3-030-81404-5_4-1	Springer Nature Switzerland AG	978-3-030-81404-5	Cham
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61	Hădărugă Daniel-Ioan; Hădărugă Nicoleta-Gabriela	2023	Flavanones in Plants and Humans. Chemistry, Functionality, and Applications (Chapter 6)	26	Jafari Seid Mahdi; Rashidinejad Ali; Simal-Gandara Jesus	Handbook of Food Bioactive Ingredients. Properties and Applications	https://doi.org/10.1007/978-3-030-81404-5_6-1	Springer Nature Switzerland AG	978-3-030-81404-5	Cham
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4	Badea, Georgiana & Titela Vilceanu, Daniel Dejica, Loredana Pungă	2022	Evoluția conceptului de traductologie în spațiul românesc contemporan	1	Muguraș Constantinescu, Daniel Dejica, Titela Vilceanu (coord.)	O istorie a traducerilor în limba română (secolul al XX-lea). Volumul II		Editura Academiei Române	978-973-27-3685-2	București
5	Dejica, Daniel & Loredana Pungă, Georgiana Badea, Titela Vilceanu	2022	Cercetarea traductologică doctorală din România	4	Muguraș Constantinescu, Daniel Dejica, Titela Vilceanu (coord.)	O istorie a traducerilor în limba română (secolul al XX-lea). Volumul II		Editura Academiei Române	978-973-27-3685-2	București
6	Pungă, Loredana & Georgiana Badea, Titela Vilceanu, Daniel Dejica.	2022	Proiecte de cercetare/dezvoltare în sfera traducerii și traductologiei desfășurate în universitățile din România (1990-2022)	4	Muguraș Constantinescu, Daniel Dejica, Titela Vilceanu (coord.)	O istorie a traducerilor în limba română (secolul al XX-lea). Volumul II		Editura Academiei Române	978-973-27-3685-2	București
7	Vilceanu, Titela & Daniel Dejica, Loredana Pungă, Georgiana Badea.	2022	Traductologie și traductologi în România: unitate în diversitate	3	Muguraș Constantinescu, Daniel Dejica, Titela Vilceanu (coord.)	O istorie a traducerilor în limba română (secolul al XX-lea). Volumul II		Editura Academiei Române	978-973-27-3685-2	București
8	Kilyeni Annamaria, Grosseck Dana, Pop Mirela - capitolul 7 în carte de specialitate	2022	Représentations métaphoriques de l'automobile dans les publications de langue roumaine	32	Pop Mirela-Cristina, Touiaq Mounia (Coord.)	La dimension métaphorique des langages de spécialité. Études sur les métaphores de l'automobile		Ed. Universității de Vest	978-973-125-922-2	Timișoara
9	Kilyeni Annamaria - capitolul 1 în carte de specialitate	2022	Regards sur la métaphore. La perspective cognitive	56	Pop Mirela-Cristina, Touiaq Mounia (Coord.)	La dimension métaphorique des langages de spécialité. Études sur les métaphores de l'automobile		Ed. Universității de Vest	978-973-125-922-2	Timișoara
10	Popescu Mihaela	2022	La dimension communicative des langages de spécialité	20	Mirela-Cristina Pop, Mounia Touiaq	La dimension métaphoriques des langages de spécialité. Etudes sur les métaphores de l'automobile		Editura Universitatii de Vest	978-973-125-922-2	Timisoara
11	Șimon, Simona	2022	Lingvistica pentru toți, de la teorie la practică. Perspective asupra traducerilor în limba română în perioada 1990-2021	9	Constantinescu, M., Dejica, D. & Vilceanu, T. (coord.)	O istorie a traducerilor în limba română (secolul al XX-lea). Volumul II		Editura Academiei Române	ISBN 978-973-27-3693-7	București
12	Suciu Lavinia	2022	Mise en récit des textes du domaine automobile	10	Pop, Mirela-Cristina, Touiaq, Mounia	La dimension métaphorique des langages de spécialité. Études sur les métaphores de l'automobile, chapitre IV		Editura Politehnica, Editura Universității de Vest,	ISBN 978-606-35-0483-9. ISBN 978-973-125-922-2	Timișoara
13	Ciurel, Daniel-Liviu	2023	Thresholds, Transitions, and Transgressions in Media Rhetoric	30	Baya, Adina; Rotaru, Ileana	Crossing borders in digital media communication: Romanian trends and practices		Tritonic	9786067496789	București
14	Trif-Tordai Delia	2024	The impact of aerosols on solar radiation	45	IONEL Ioana	Advances in energy and environmental engineering		Politehnica	978-606-554-0561-4	Timisoara

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Nr. crt.	Nume și prenume autori capitol în tratat / carte/ monografie	Anul publicării	Titlu capitol	Număr de pagini capitol cu autori din UPT	Nume și prenume ale coordonatorilor / editorilor cărții	Titlu tratatului / cărții / monografiei	DOI - link	Editura	ISBN	Localitatea
1	Anca Dejica-Carțiș	2020	The Translation of Online German Economic Texts: Problems and Solutions (capitol carte)	189-202	Dejica, Daniel / Eugeni, Carlo/Dejica-Cartis , Anca (eds.)	Translation Studies and Information Technology - New Pathways for Teachers, Researchers and Professionals		Editura Politehnica	ISBN: 978-606-35-0351-1	Timisoara
2	Daniel, Dejica, Anca Dejica-Carțiș	2020	The multidimensional Translator. Role and Responsibilities (capitol carte)	45-57	Dejica, Daniel / Eugeni, Carlo/Dejica-Cartis , Anca (eds.)	Translation Studies and Information Technology - New Pathways for Teachers, Researchers and Professionals		Editura Politehnica	ISBN: 978-606-35-0351-1	Timisoara
3	Dejica, Daniel & Anca Dejica-Carțiș	2020	The Translation Process: Traditional Approaches and Contemporary Challenges	18	Antoanela Marta Mardar (ed.)	Encounters across Linguistic, Cultural and Professional Contexts: In Honorem Professor Elena Croitoru.		Casa cărții de știință	978-606-17-1655-5	Cluj-Napoca
4	Palea Adina	2020	Glocalization Practices of Supermarket Chains. Case Study: Food Retailers in Romania.	22		Journal of Mediation & Social Welfare	https://doi.org/10.18662/jmsw/2.1/10	Lumen Publishing	ISSN: 2559-7590	Iasi
5	Loredana Gaiță, Mihai Danciu	2021	Timișoara verde-albastră	4		Catalogul Bienalei Timișorene de Arhitectură 2020			ISBN 978-973-0-33962-8	
6	Loredana Gaiță, Miodrag Stoianov	2021	Casa ca proces	4		Catalogul Bienalei Timișorene de Arhitectură 2021			ISBN 978-973-0-33962-8	
7	Inna Ostrovsca, Ileana Kisilewicz, Luiza Varga, Simona Pasca	2021	The Jesuit Church in Chernivtsi - The Heart of Jesus	8	Marcela Prada	The National Technical-Scientific 19th Conference „Modern Technologies for the 3rd Millenium”		Edlearning	ISSN 978-88-87729-61-0	Bologna
8	Ileana Kisilewicz	2021	Recenzie - Monument future. Decay and Conservation of Stone	2	Anca Dina	Caietele restaurarii		ACS	2285-8598	Bucuresti
9	Ileana Kisilewicz Luiza Varga	2021	The environmental friendly design process of linoleum floors	6	Marcela Prada	The National Technical-Scientific 19th Conference „Modern Technologies for the 3rd Millenium”		Edlearning	ISSN 978-88-87729-61-0	Bologna
10	Ileana Kisilewicz	2021	Recenzie - Sens et renaissance du patrimoine architectural Benjamin Mouton	2	Anca Dina	Caietele restaurarii		ACS	2285-8598	Bucuresti
11	Danciu, M. & Bădescu, Ș.	2022	Urban Development of Jimbolia	6	Blidariu, C. & Simionescu, O.	Triplex Confinium. A Collection of Pluridisciplinary Pedagogical Experiments and Field Research		Editura Politehnica	978-606-35-0488-4	Timișoara
12	Loredana Gaiță, Miodrag Stoianov	2022	Scoala de arhitectura timișoreană la vârsta de 50 de ani	1		Home		Politehnica	ISBN 978-606-35-0470-9	Timisoara
13	Mușat Cosmin Constantin	2023	Patrimoniul cultural al municipiului Timișoara. Integrare structural spațială într-un smart-city	52	Rareș Hălbac Cotoară Zamfir	Patrimoniul Cultural Urban		Politehnica	978-606-35-0559-1	Timișoara

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14	Negoïtescu arina	2023	Researches Concerning the Improvement of Thermal Equipment Performance	1	Ionel Ioana	Advances in Energy and Environmental Engineering		Editura Politehnica (UPT)	ISBN 978-606-35-0561-4	Timișoara
15	Ioana Ionel, Balogh Ramon, Bisorca Daniel, Trif Delia	2023	Air quality and emission control	40	Ioana Ionel	Advance in energy and environmental engineering		POLITEHNICA	978-606-554-0561-4	Timișoara
16	Oana Simionescu, Loredana Gaiță and Martina Muzi	2023	Reflections on Programming a Process	6		Bright Cityscapes		Politehnica	ISBN 978-606-35-0555-3	Timișoara
17	Loredana Gaiță, Cristian Blidariu, Martina Muzi, Roberto Pérez Gayo și Negar Sanaan Bensi	2023	Alternative Pedagogies: On Fostering Freedom and Agency	2		Bright Cityscapes		Politehnica	ISBN 978-606-35-0555-3	Timișoara
18	B. R. Havași, G. Domokos-Pășcu, M. Bâldea, A. L. Micșa, M. A. Szitar-Sîrbu, S. E. Romaș, L. D.Adam, C. E. Săndescu, F. C. Popovici, O. A. Tudoran, C.O. Milincu, T. O. Gheorghiu, M. Mândroane	2024	Patrimoniul de lemn și relația cu peisajul natural	9	Havași Brîndușa-Raluca	Patrimoniul de lemn - ateliere de vacanță pentru copii și tineri		Editura Brumar	978-606-726-284-1	Timișoara

Listă dicționare, atlase, enciclopedii (tipărite sau online); ediții critice sau traduceri ale unor texte literare, texte științifice

Nr. crt.	Nume și prenume autori dicționare, atlase, enciclopedii	Anul publicării	Titlu	Număr de pagini dicționare, atlase, enciclopedii cu autori din UPT	Nume și prenume ale coordonatorilor / editorilor dicționare, atlase, enciclopedii	Titlu dicționar, atlas, enciclopedie	DOI - link	Editura	ISBN	Localitatea
1	Carroll, Lewis	2020	Alice Adventures in Wonderland	154	Stoian, Claudia E.	Aventurile lui Alice în Țara Minunilor	https://www.evertype.com/books/alice-ro.html	Evertype	978-1-78201-260-3	Dundee
2	Anamaria Feier, Edward Petzek, Radu Bancila	2021	Alcătuirea și construcția structurilor sudate	293				Sudura	978-973-8359-63-5	Timisoara
3	Băiaș Cosmin-Constantin	2021	Gândirea critică și consilierea filosofică în context pandemic	152	Băiaș Cosmin-Constantin	Gândirea critică și consilierea filosofică în context pandemic		Eurobit	978-973-132-792-1	Timișoara
4	Cernicova-Buca, Mariana; Dejica, Daniel	2021	Dicționar de comunicare și relații publice, român-englez	316	Cernicova-Buca, Mariana; Dejica, Daniel	Dicționar de comunicare și relații publice, român-englez		Editura Politehnica&Pro Universitaria	978-606-35-0448-8 & 978-606-26-1454-6	Timișoara& București
5	Dejica, Daniel; Cernicova-Buca, Mariana	2021	Dicționar de comunicare și relații publice, englez- român	320	Dejica, Daniel; Cernicova-Buca, Mariana	Dicționar de comunicare și relații publice, englez- român		Editura Politehnica&Pro Universitaria	978-606-35-0447-1 & 978-606-26-1453-9	Timișoara& București
6	Cernicova-Buca, Mariana; Dejica, Daniel	2022	Comunicarea de criză. Dicționar român-englez, englez-român	350	Cernicova-Buca, Mariana; Dejica, Daniel	Comunicarea de criză. Dicționar român-englez, englez-român		Tritonic	978-606-7496154	București
7	Oana Banescu	2022	Manifestul intelegerii. Teorie comparata si particularism vernacular banatean.	256				Politehnica		Timisoara
8	Șimon, Simona, Fărcașiu, Marcela, Dejica-Carțis, Anca, Dejica, Daniel	2023	A Multilingual Dictionary of Translation and Interpreting: English-German-Romanian	274				ProUniversitaria	ISBN 978-606-26-1790-5	Bucuresti
9	Neștian-Sandu, Oana	2023	Learning from the Past, Acting for the Future. An Interdisciplinary Approach to Holocaust, Human Rights and Intercultural Education	98	Stoian, Claudia E.	Lecțiile trecutului ca impuls spre acțiune. O abordare interdisciplinară: educația despre Holocaust, educația pentru drepturile omului și educația interculturală	https://www.intercultural.ro/learning-from-the-past-acting-for-the-future/	Editura Institutul Intercultural Timișoara	978-606-8311-20-3	Timișoara

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Nr. crt.	Anul înregistrării CBI	Denumire brevet	Nume și prenume autori	Număr cerere
1	2020	Algoritm genetic și modul de comandă pentru învățare a mișcărilor și redresarea unui robot umanoid biped după cădere	Szabo Roland	A 2020 00422
2	2020	Procedeu de obținere a CuBi2O4 cu proprietăți de detecție electrochimică	Voda Raluca, Manea Florica	A 2020 00593
3	2020	Dispozitiv pentru reducerea încărcăturii microbiologice a aerului expirat de pacienții ventilați mecanic	Ordodi Laurențiu Valentin, Dumitrel Gabriela Alina, Pană Ana-Maria, Todea Anamaria, Mățiu-Iovan Liliana, Ionel Raul Ciprian, Săndesc Dorel, Bedreag Ovidiu Horea, Păpurică Marius, Rogobete Alexandru Florin, Simion Ion, Motica Alin, Groapă Dan Sergiu, Păunescu Virgil, Bojin Maria Florina, Gavriliuc Oana Isabela	A 2020 00280
4	2021	Sistem de testare a eficienței membranelor funcționalizate la tratarea apelor	Lupa Lavinia, Negrea Petru, Coheci Laura, Filimon Anca	A 2021 00742
5	2021	Instalație pentru decolmatarea conductei colectoare a apelor menajere uzate	Pavel Ștefan, Ungureanu Daniel-Viorel, Bînzar Alexandru, Dobrin Emilia	A 2021 00701
6	2021	Șosete de schi sau placă pentru zăpadă (snowboard) încălzite electric folosind energia generată termoelectric (TEG)	Szabo Roland	A 2021 00469
7	2022	Instalație pentru curățat corpurile de iluminat cu dispersor și tuburi fluorescente sau leduri, montate pe tavan	Pavel Ștefan, Ungureanu Daniel-Viorel	A 2022 00806

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8	2022	Instalație de colectare și depozitare a microparticulelor rezultate din uzura plăcuțelor de frână de la autovehicule rutiere	Pavel Stefan, Ungureanu Daniel-Viorel, Pascu Ioan-Bogdan	A 2022 00805
9	2022	Instalație și procedeu de filtrare electrochimică 3D pentru tratarea avansată a apei	Manea Florica, Tudoran Constantin-Adrian, Vitan Liviu-Danut, Orha Corina, Baci Anamaria, Bandas Cornelia-Elena, Ighian Lacrima-Crysty	A 2022 00739
10	2022	Procedeu de detecție electrochimică rapidă și cu sensibilitate ridicată a capecitabinei din soluții apoase folosind electrod pastă de nanotuburi de carbon, grafen și cristale lichide pe bază de combinații complexe ale Cu (I)	Moțoc (m. Ilieș) Sorina, Manea Florica, Szerb Elisabeta-Ildyko, Crețu Carmen	A 2022 00490
11	2022	Dispozitiv pentru reducerea instabilităților curgerii cu rotație din difuzorul conic al turbinelor hidraulice	Susan-Resiga Romeo Florin, Tănasă Constantin, Bosioc Ilie Alin	A 2022 00616

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12	2022	Dispozitiv electrostatic pentru masurarea tensiunii electrice	Ordodi Laurențiu Valentin, Vatău Doru, Salinschi Marin, Olariu Adrian Flavius, Dumitrel Gabriela Alina, Pană Ana-Maria, Vaszilcsin Nicolae, Dan Mircea Laurențiu, Mățiu-Iovan Liliana, Ionel Raul Ciprian, Udrea Ioan Alexandru, Bonciog Daniel Dumitru, Vereș Denisa Alexandra, Stănese Cristian Marcel, Păunescu Virgil, Bojin Maria Florina, Gavriluc Oana Isabela, Lukinich-Gruia Alexandra Teodora, Negru Șerban, Crîsnic Daniela, Frunză Gigel Viorel	A 2022 00635
13	2022	Senzor flexibil pe bază de heterojoncțiuni oxidice de tip n-n pentru detecția compușilor organici volatili și procedeu de fabricație	Nicolaescu Mircea, Șerban Viorel-Aurel, Codrean Cosmin	A 2022 00422
14	2022	Țiglă fotovoltaică pe bază de celule solare sensibilizate cu colorant pentru sere inteligente cu absorbție selectivă a radiației solare	Ursu Daniel Horațiu, Miclău Marinela, Vajda Melinda, Gontean Aurel, Ilieș Elisei Ștefan, Bularka Szilard	A 2022 00366
15	2022	Pigmenți fosforescenți pe bază de SrAl_2O_4 dopat cu Eu^{2+} și Dy^{3+} și procedeu de obținere	Lazău Radu Ioan, Ianoș Robert Gabriel, Păcurariu Cornelia Silvia, Căpraru Diana Aylin, Perdivară Cristina Alina, Cornea Vlad Mihai	A 2022 00459

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16	2022	Actuator compozit bistabil cu poziții controlate prin efecte combinate de memorie a formei	Craciunescu Corneliu-Marius, Ercuta Aurel, Mitelea Ion, Bolocan Vlad	A 2022 00275
17	2022	Echipament pentru eliminarea instabilităților generate de curgerea cu vârtej din difuzorul conic al turbinelor hidraulice	Susan-Resiga Romeo Florin, Bosioc Ilie Alin, Tanasa Constantin, Stuparu Adrian Ciprian, Szakal Raul-Alexandru	A 2022 00182
18	2022	Sistem distribuit și metodă pentru asistență tehnică la distanță la celule flexibile de fabricație	Silea Ioan, Druta Romina	A 2022 00047
19	2022	Aparat programabil și metodă pentru îmbătrânirea condensatoarelor electrolitice	Ilies Elisei, Marinca Magdalena, Barbulescu Corneliu, Gontean Aurel	A 2022 00339
20	2022	Metodă matematică exactă și generală de analiză a stabilității convertoarelor DC-DC cu funcționarea acestora în trei stări topologice	Gurbină Mircea, Lascu Dan Florentin, Szabo Roland, Pop-Călimanu Ioana Monica, Cireșan Aurel, Lică Septimiu	A 2022 00421
21	2022	Metodă pentru integrarea în spațiu virtual a obiectivelor ambientale și securizarea bazei de date actualizate în timp real	Crisan Nicolae Andrei	A 2022 00100
22	2023	Filtrul de aer supraaspirant direct cu difuzoare multiple	Birtok-Băneasă Corneliu	A 2023 00684
23	2023	Instalație mobilă autonomă pentru alimentare cu energie electrică din surse regenerabile	Pavel Ștefan, Ungureanu Daniel-Viorel, Stan Daniel Voicu	A 2023 00560
24	2023	Seră inteligentă cu absorbție selectivă a radiației solare utilizând celule solare sensibilizate cu colorant (DSSCs), independentă și automatizată	Ursu Daniel Horațiu, Miclău Marinela, Vajda Melinda, Gontean Aurel, Ilieș Elisei Ștefan, Ricman Radu Stefan, Bularka Szilard	A 2023 00374

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25	2023	Instalație de încălzire autonomă pentru spații rezidențiale	Pavel Ștefan, Ungureanu Daniel-Viorel, Stan Daniel Voicu	A 2023 00356
26	2023	Recipient pentru centrale termice electrice cu inducție și sistem de comandă și control pentru optimizarea funcționării acestuia	Pavel Ștefan, Ungureanu Daniel-Viorel, Stan Daniel Voicu	A 2023 00234
27	2023	Procedeu și dispozitiv pentru captare, recuperare, inversare, filtrare respectiv tratare a fluidelor	Birtok-Băneasă Corneliu, Mihăescu Vlad-Mircea, Budiul-Berghian Adina, Socalici Ana Virginia, Sîrbu Roxana, Negrea Petru, Ursu Daniel-Horațiu, Gorecki Gabriel Petre	A 2023 00087
28	2023	Procedeu pentru obținerea unei structuri alveolare ranforsate	Dobrin Emilia, Mușuroi Sorin, Mnerie Gabriela Victoria, Corciu Marin Matei	A 2023 00078
29	2023	Procedeu de recuperare și revalorificare a platinei din soluții apoase reziduale	Lupa Lavinia, Coheci Laura, Țolea Nick Samuel, Lazău Radu	A 2023 00056
30	2023	Dinamica fractionara bazata pe invatare aprofundata pentru predictia afectiunilor medicale / Fractional Dynamics Foster Deep Learning of COPD Stage Prediction	Bogdan Paul, Cheng Mingxi, Gupta Gaurav, Lihu Andrei, Mannino David, Mihaicuta Stefan, Udrescu Mihai, Udrescu Lucretia, Yin Chenzhong	A 2023 00458
31	2024	Sistem pentru semnalizarea denivelarilor pe piste de biciclete	Pavel Ștefan, Ungureanu Daniel-Viorel	A 2024 00789
32	2024	Rotor si paleta cu ajutaje coanda pentru turbina eoliana cu ax orizontal	Bordeasu Ilare, Galeriu Cezar-Dorin, Glita Gheorghe	A 2024 00779

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33	2024	Echipament pentru stabilirea masei autovehiculelor în mișcare pe drumurile publice și avertizarea contraveniențelor	Pavel Stefan, Ungureanu Daniel-Viorel, Stan Daniel Voicu	A 2024 00518
34	2024	Mortare stabile, superhidrofobe, impermeabile și antimicrobiene pentru finisaje interioare și exterioare ale clădirilor și metoda de preparare și de aplicare a acestora	Ion Rodica Mariana, Mosiu Alina, Mosoarca Marius, Ion Nelu, Iancu Lorena, Grigorescu Ramona Marina	A 2024 00435
35	2024	Rigla în infraroșu	Saptebani Neta-Ionelia, Mocan Liviu-Marian, Dragan Florin, Ivascu Victoria-Larisa, Pislaru Marius	A 2024 00388
36	2024	Celula solara sensibilizata cu colorant cu comportare de neuron fonic artificial	Miclau Marinela, Ursu Daniel, Vajda Melinda, Albulescu Daiana, Casut Cristian, Miclau Nicolae	A 2024 00364
37	2024	Instalatie pentru topit zapada colectata	Pavel Stefan, Ungureanu Daniel-Viorel, Stan Daniel Voicu	A 2024 00281
38	2024	Sistem și metoda pentru determinarea unei rezistențe electrice foarte mici sau a rezistenței electrice la contact interfacial	Ercuța Aurel, Crăciunescu Corneliu-Marius, Vaszilcsin Nicolae, Kellenberger Andrea, Mitelea Ion, Laedre Sigrid, Khoza Thulile	A 2024 00220
39	2024	Sistem de monitorizare pentru controlul depășirii limitei de viteză a autovehiculelor pe drumuri publice	Pavel Stefan, Ungureanu Daniel-Viorel	A 2024 00001

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1	Stopping criterion for decoding quasi-cyclic LDPC codes	Savin Valentin, Boncalo Oana, Declercq David	US 10651872 B2	2020
2	Stopping criterion for decoding quasi-cyclic LDPC codes	Savin Valentin, Boncalo Oana, Declercq David	EP 3373488 B1	2020
3	Procedeu de sinteza a nanofirelor de argint acoperite cu nanoparticule metalice cu punct de topire scazut, selectate dintre indiu si staniu	Banica Radu Nicolae, Kellenberger Andrea Rozalia, Ursu Daniel Horatiu, Cseh Liliana, Linul Petrica Andrei, Vaszilcsin Nicolae	RO 132480 B1	2020
4	Procedeu de sinteză a fotocatalizatorilor activi în vizibil de tip PdS/CdxZn1-xS utilizând precursori cu puritate scăzută	Banica Radu, Ursu Daniel, Mosoarca Cristina, Racu Andrei, Linul Petrica, Nyari Terezia, Svera Paula, Pascariu Mihai-Cosmin, Negrea Petru, Sasca Viorel Zoltan, Hedes Alexandru	RO 132634 B1	2020
5	Metodă de control pentru un compensator capacitiv automat destinat îmbunătățirii factorului de putere și echilibrării sarcinii în rețele electrice trifazate cu patru conductoare	Pana Adrian	RO 131297 B1	2020
6	Procedeu de tratare a reziduurilor provenite din incinerarea deseurilor menajere prin solidificare - stabilizare in roca de cenusa	Wachter Mihail Reinhold, Ionel Ioana, Negrea Adina Georgeta	RO 131486 B1	2020
7	Procedeu de integrare a subprodusului de la desulfurarea uscata in slam dens pentru transportul hidraulic prin sisteme de conducte	Wachter Mihail Reinhold, Ionel Ioana, Negrea Petru	RO 131485 B1	2020
8	Instalatie pentru decontaminarea apei reziduale din unitul dentar	Pavel Stefan, Borza Ioan, Bratu Emanuel Adrian, Dobosi Ioan Silviu, Gaina Paulina Ioana, Streian Felicia, Talpos-Niculescu Serban	RO 129343 B1	2020
9	Electrod si procedeu de detectie electrochimica rapida a arsenului (III) din solutii apoase	Manea Florica, Pop Aniela Carmen, Baci Anamaria Simona, Remes Adriana Ileana	RO 129026 B1	2020
10	Metodă de urmărire a degetelor mâinii pentru mijloace de comunicare om-calculator	Gui Vasile, Alexa Florin, Căleanu Catalin-Daniel, Popa Gheorghe-Daniel, David Ciprian, Simion Georgiana	RO 127779 B1	2020
11	Dispozitiv cu comanda inteligenta pentru intrerupatoare cu martor luminos	Gontean Aurel Stefan, Cernaianu Mihail Octavian	RO 129498 B1	2020
12	Actuator cu control termo-magnetic al pozitiei	Craciunescu Corneliu Marius, Budau Victor, Mitelea Ion	RO 128675 B1	2020
13	Oil pump device of fluid delivery arrangement for oil circuit of vehicle, has drive unit which is provided with electric drive motor for pump and drive unit comprises cooling unit for cooling electric drive motor which is connected to pump	Farago Andrei, Susan-Resiga Romeo	EP3640479B1	2020
14	Procedeu pentru tratarea apei în scop potabil	Manea Florica, Bodor Katalin, Vlaicu Ilie, Lungar Nicoleta, Pop Aniela, Pode Rodica	RO 132097 B1	2021
15	Compoziție sinergică reactivă pentru tratarea apelor poluate cu crom hexavalent	Gheju Marius Traian, Balcu Ionel, Mosoarca Giannin Emanuel, Vancea Cosmin Nicolae	RO 132867 B1	2021
16	Dispozitiv pentru determinarea valorii unor diametre mari	Popa Gabriel Nicolae, Dinis Corina Maria, Popa Iosif	RO 131654 B1	2021
17	Virtual management system data processing unit and method with rules and alerts	Gavin Doyle, Alan O'Herlihy, Dan Alexandru Pescaru, Cosmin Cernazanu-Glavan	US11170331B2	2021
18	Quantized transition change detection for activity recognition	Dan Pescaru, Cosmin Cernazanu-Glavan, Vasile Gui	US10902247B1	2021
19	System and method for detecting scan irregularities at self-checkout terminals	Andrei Pricochi, David Ciprian, Cosmin Cernazanu-Glavan, Dan Pescaru	US11100331B2	2021
20	System and method to detect articulate body pose	Dan Pescaru	US10937185B2	2021
21	System and method to detect articulate body pose	Pescaru Dan	JP7241876B2	2021
22	Dispozitiv pentru reducerea încărcăturii microbiologice a aerului expirat de pacienții ventilați mecanic	Ordodi Laurențiu Valentin, Dumitrel Gabriela Alina, Pană Ana-Maria, Todea Anamaria, Mățiu-Iovan Liliana, Ionel Raul Ciprian, Sândesc Dorel, Bedreag Ovidiu Horea, Păpurică Marius, Rogobete Alexandru Florin, Simion Ion, Motica Alin, Groapă Dan Sergiu, Păunescu Virgil, Bojin Maria Florina, Gavriluc Oana Isabela	RO 134883 B1	2022
23	Metodă și sistem pentru atenuarea erorilor care apar în unitățile de procesare a datelor implementate cu circuite digitale	Amaricai-Boncalo Oana, Amaricai-Boncalo Alexandru, Lendek Zsafia	RO 134587 B1	2022
24	Electrod și procedeu de detecție voltametrică simultană și selectivă a carbarilului și paraquatului din soluții apoase	Pop Aniela Carmen, Manea Florica, Voda Raluca Diana	RO 133045 B1	2022
25	Procedeu de preparare a feritei de mangan	Muntean Cornelia-Veronica, Stoia Marcela Elena	RO 133044 B1	2022
26	Procedeu de preparare a hidroxizilor dubli stratificați, de tipul ZnRAI-CO3	Cocheci Laura, Lupa Lavinia Afrodita, Gheju Marius Traian, Duca Delia Andrada, Negrea Petru, Pode Rodica	RO 132138 B1	2022
27	Dispozitiv de reglare a debitului unui fluid termic printr-un element cu memorie a formei	Craciunescu Corneliu Marius	RO 132242 B1	2022
28	Actuator cu aliaj cu memorie	Craciunescu Corneliu Marius, Budau Victor, Mitelea Ion	RO 132239 B1	2022

Listă brevete obținute la nivel internațional (cu prioritate UE/OCDE) sau la nivel național

Nr. crt.	Denumire brevet	Nume și prenume autori	Număr brevet	An obtinere brevet
29	Sistem și metodă pentru orientare și localizare relativă a unor subsisteme autonome	Micea Mihai-Victor, Stancovici Andrei, Cretu Vladimir Ioan	RO 129802 B1	2022
30	Dispozitiv portsculă, cu sistem de activare ultrasonică încorporat, pentru prelucrarea prin aşchiere, abrazare şi eroziune ultrasonică	Turc Cristian-Gheorghe, Tulcan Aurel, Oanca Octavian Victor, Stan Daniel Voicu	RO 128369 B1	2022
31	LINEAR CONVERTER OF DIRECT VOLTAGE INTO SINUSOIDAL SIGNAL OF VARIABLE FREQUENCY	POPA GABRIEL NICOLAE, POPA IOSIF, DEACONU SORIN IOAN	RO130458B1	2022
32	A POS terminal	O'Herlihy Alan, Ciubotaru Bgdan, Cioarga Razvan, Pescaru Dan, Gui Vasile, Parvu Ovidiu, David Ciprian Petru, Sacrieru Constantin Petru, Cernazanu-Glavan Cosmin, Doyle Gavin	EP3284069B1	2022
33	System and method for direct store distribution	Alan O'Herlihy, Razvan-Dorel Cioarga, Bogdan Ciubotaru	US11481724B2	2022
34	Smart audit or intervention in an order fulfillment process	Bogdan Oprea, Razvan-Dorel Cioarga, Joe Allen	US11257032B2	2022
35	Method and system for determining a human social behavior classification	Dan Crisfalusi, Alan O'Herlihy, Joe Allen, Dan Pescaru, Cosmin Cernazanu-Glavan, Alexandru Arion	US11284824B2	2022
36	Distributed logbook for anomaly monitoring	Alan O'Herlihy, Joe Allen, Dan Pescaru, Alexandru Arion	US11257017B2	2022
37	Distributed logbook for anomaly monitoring	O'Herlihy Alan, Allen Joe, Pescaru Dan, Arion Alexandru	JP7266702B2	2022
38	Enhanced service system for a drive through facility	Alan O'Herlihy, Dan Alexandru Pescaru, Ciprian David, Cosmin Cernazanu-Glavan, Vasile Gui, Joe Allen, Bogdan Ciubotaru, Mark Ibbotson, Raymond Ilcgarty, Margaret Ilartnctt	US11288649B2	2022
39	Metodă și sistem automat de compensare și protecție a bateriilor de condensatoare	Baloi Alexandru, Pana Adrian, Molnar-Matei-Cozma Florin Stelian	RO 133454 B1	2023
40	Transformator planar cu nanofluid magnetic	Stoian Floriana Daniela, Holotescu Sorin, Marinica Oana-Maria, Morega Alexandru-Mihail, Morega Mihaela, Dumitru Jean-Bogdan, Popa Nicolae-Calin, Pislaru-Danescu Lucian, Popa Marius, Ilie Cristinel-Ioan, Chihaiia Rares-Andrei, Babutanu Corina-Alice, Nicolai Sergiu, Bunea Florentina	RO 131757 B1	2023
41	System and method for process shaping	Alan O'Herlihy, Ciubotariu Bogdan, Parvu Ovidiu, Pescaru Dan Alexandru, Gui Vasile	US11562310B2 / EP3888025B1 / JP7258142B2	2023
42	Location responsive individualized visual interface method and system	Cioarga Razvan-Dorel, Allen Joe, Hegarty Raymond, Todoran Ana Cristina, Fit Adrian	US11635932B2	2023
43	Dispozitiv pentru reducerea instabilităților curgerii cu rotație din difuzorul conic al turbinelor hidraulice	Susan-Resiga Romeo Florin, Tănăsă Constantin, Bosioc Ilie Alin	RO 137523 B1	2024
44	Dispozitiv electrostatic pentru masurarea tensiunii electrice	Ordodi Laurențiu Valentin, Vătău Doru, Salinschi Marin, Olariu Adrian Flavius, Dumitrel Gabriela Alina, Pană Ana-Maria, Vaszilcsin Nicolae, Dan Mircea Laurențiu, Mățiu-Iovan Liliana, Ionel Raul Ciprian, Udrea Ioan Alexandru, Bonciog Daniel Dumitru, Vereș Denisa Alexandra, Stănese Cristian Marcel, Păunescu Virgil, Bojin Maria Florina, Gavriliuc Oana Isabela, Lukinich-Gruia Alexandra Teodora, Negru Șerban, Crisnic Daniela, Frunză Gigel Viorel	RO 137476 B1	2024
45	Echipament pentru eliminarea instabilităților generate de curgerea cu vârtej din difuzorul conic al turbinelor hidraulice	Susan-Resiga Romeo Florin, Bosioc Ilie Alin, Tanasa Constantin, Stuparu Adrian Ciprian, Szakal Raul-Alexandru	RO 135938 B1	2024
46	Instalație pentru evaluarea efectelor expunerii la câmp magnetic	Pavel Stefan, Lupa Lavinia Afrodita, Mocan Marian Liviu, Ungureanu Daniel Viorel, Dobosi Ioan Silviu, Moldovan Aurel, Simina Alina Georgiana, Binzar Alexandru, Suciu Silviu Cristian	RO 133891 B1	2024
47	Instalație de filtrare asistată fotocatalitic pentru tratarea apei în scop potabil	Manea Florica, Orha Corina, Lazau Carmen, Pode Rodica, Ursu Daniel, Pop Aniela	RO 133757 B1	2024
48	Methods and apparatus for anomaly detection in self-checkout retail environments	David Ciprian Petru, Dan Alexandru Pescaru, Vasile Gui, Cosmin Cernazanu-Glavan, Andrei Pricochi, Ovidiu Parvu, Bogdan Ciubotaru, Gavin Doyle	US11989712B2 / EP3915041A1 / JP7530902B2	2024

Listă proprietate intelectuală, certificate ORDA

Nr. crt.	Denumire și nr certificat*	Nume și prenume autori	alte informații daca este cazul	An obtinere
1	Studiu de proiectare și implementare industrială a unui regulator hibrid fuzzy model-free, nr. RGII/INT/1838/02.05.2023 - RGII/IES/1838/08.05.2023	R.-E. Precup, R.-C. Roman, E.-L. Hedrea		2023
2	Studiu de proiectare și implementare industrială a unui regulator hibrid fuzzy model-free adaptiv, nr. RGII/INT/2607/23.06.2023 - RGII/IES/2607/20.07.2023	R.-E. Precup, R.-C. Roman, E.-L. Hedrea		2023
3	Studiu de proiectare și implementare industrială a unui regulator fuzzy cu învățare iterativă indirectă de tip proporțional-derivativ, nr. RGII/INT/3514/29.08.2023 - RGII/IES/3514/28.09.2023	R.-E. Precup, R.-C. Roman, E.-L. Hedrea		2023