

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

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UNIVERSITATEA POLITEHNICA TIMISOARA

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

4.2. Lucrări și comunicări prezentate la manifestări științifice

Listă lucrări prezentate la o manifestare științifică internațională, publicate într-un volum indexat Web of Science - Conference Proceedings Citation Index Science (CPCI-S), Conference Proceedings Citation Index-Social Science & Humanities (CPCI-SSH), clasificate IEEE proceedings

Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
1	Andone, Diana; Vert, Silviu; Mihaescu, Vlad; Stoica, Daniela; Ternauciu, Andrei	Evaluation of the Virtual Mobility Learning Hub	LEARNING AND COLLABORATION TECHNOLOGIES. DESIGNING, DEVELOPING AND DEPLOYING LEARNING EXPERIENCES, LCT 2020, PT 1	http://dx.doi.org/10.1007/978-3-030-50513-4_2	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001289904300002	2020	View Full Record in Web of Science	ISI pcp
2	Jurj, Sorin Liviu; Opritoiu, Flavius; Vladutiu, Mircea	Deep Learning-Based Computer Vision Application with Multiple Built-In Data Science-Oriented Capabilities	PROCEEDINGS OF THE 21ST ENGINEERING APPLICATIONS OF NEURAL NETWORKS CONFERENCE, EANN 2020	http://dx.doi.org/10.1007/978-3-030-48791-1_4	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001308348100004	2020	View Full Record in Web of Science	ISI pcp
3	Jurj, Sorin Liviu; Rotar, Raul; Opritoiu, Flavius; Vladutiu, Mircea	Efficient Implementation of a Self-sufficient Solar-Powered Real-Time Deep Learning-Based System	PROCEEDINGS OF THE 21ST ENGINEERING APPLICATIONS OF NEURAL NETWORKS CONFERENCE, EANN 2020	http://dx.doi.org/10.1007/978-3-030-48791-1_7	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001308348100007	2020	View Full Record in Web of Science	ISI pcp
4	Florea, Aurelia; Lazureanu, Cristian	A mathematical model of infectious disease transmission	INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS (ICAMNM 2020), 3RD EDITION	http://dx.doi.org/10.1051/itmconf/20203402002	E D P SCIENCES	CEDEX A	WOS:000733624000008	2020	View Full Record in Web of Science	ISI pcp
5	Lazureanu, Cristian; Caplescu, Cristiana	Stabilization of the T system by an integrable deformation	INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS (ICAMNM 2020), 3RD EDITION	http://dx.doi.org/10.1051/itmconf/20203403009	E D P SCIENCES	CEDEX A	WOS:000733624000026	2020	View Full Record in Web of Science	ISI pcp
6	Precup, Radu-Emil; Borlea, Alexandra-Bianca; Petriu, Emil M.; Dragan, Florin	Iterative Feedback Tuning of Two-Degree-of-Freedom Controllers for Lighting Process Control	2020 14TH ANNUAL IEEE INTERNATIONAL SYSTEMS CONFERENCE (SYSCON2020)		IEEE	NEW YORK	WOS:000698977000076	2020	View Full Record in Web of Science	ISI pcp
7	Xiao, Xinyu; Xu, Wei; Luo, Deli; Boldea, Ion	Improved 2D FEA Model for Homopolar Linear Synchronous Machine	2020 IEEE 9TH INTERNATIONAL POWER ELECTRONICS AND MOTION CONTROL CONFERENCE (IPEMC2020-ECCE ASIA)	http://dx.doi.org/10.1109/IPEMC-ECCEAsia48364.2020.9368174	IEEE	NEW YORK	WOS:000717619002148	2020	View Full Record in Web of Science	ISI pcp
8	Danut, Liviu-Danut; Hulea, Dan; Comea, Octavian; Muntean, Nicolae; Ivoran, Mihai Andrei; Hinov, Nikolay	Low Cost Implementation of a Wind Turbine Emulator	2020 20TH IEEE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ELECTRICAL ENGINEERING AND 2020 4TH IEEE INDUSTRIAL AND COMMERCIAL POWER SYSTEMS EUROPE (EIEE/CPS EUROPE)		IEEE	NEW YORK	WOS:000717543100112	2020	View Full Record in Web of Science	ISI pcp
9	Jurj, Sorin Liviu; Rotar, Raul; Opritoiu, Flavius; Vladutiu, Mircea	Affordable Flying Probe-Inspired In-Circuit-Tester for Printed Circuit Boards Evaluation with Application in Test Engineering Education	2020 20TH IEEE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ELECTRICAL ENGINEERING AND 2020 4TH IEEE INDUSTRIAL AND COMMERCIAL POWER SYSTEMS EUROPE (EIEE/CPS EUROPE)		IEEE	NEW YORK	WOS:000717543100143	2020	View Full Record in Web of Science	ISI pcp
10	Jurj, Sorin Liviu; Rotar, Raul; Opritoiu, Flavius; Vladutiu, Mircea	Online Built-In Self-Test Architecture for Automated Testing of a Solar Tracking Equipment	2020 20TH IEEE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ELECTRICAL ENGINEERING AND 2020 4TH IEEE INDUSTRIAL AND COMMERCIAL POWER SYSTEMS EUROPE (EIEE/CPS EUROPE)		IEEE	NEW YORK	WOS:000717543100342	2020	View Full Record in Web of Science	ISI pcp
11	Dragan, Cristina Mihaela	Car Environment Conditions vs. Thermal Chamber Conditions	PROCEEDINGS OF THE NINETEENTH INTERSOCIETY CONFERENCE ON THERMAL AND THERMOMECHANICAL PHENOMENA IN ELECTRONIC SYSTEMS (ITHERM 2020)		IEEE	NEW YORK	WOS:000701365300075	2020	View Full Record in Web of Science	ISI pcp
12	Roman, Raul-Cristian; Precup, Radu-Emil; Petriu, Emil M.; Bojan-Dracos, Claudia-Adina; Vanya, Vanesa-Bianca; Rarinca, Marian-Dan	Second Order Active Disturbance Rejection Control - Virtual Reference Feedback Tuning for Twin Rotor Aerodynamic Systems	2020 IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN, AND CYBERNETICS (SMC)		IEEE	NEW YORK	WOS:000687430601111	2020	View Full Record in Web of Science	ISI pcp
13	Strava, Cristian-Cosmin; Varga, Mihaela Georgiana	Evaluating the Level of Perceived Stress on Physical Education and Sports Teachers from Timis County, Romania, at the Beginning of the School Year, in the Context of COVID-19 Pandemic	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE OF UNIVERSITARIA CONSORTIUM FEFTIM: PHYSICAL EDUCATION, SPORTS AND KINESIOTHERAPY - IMPLICATIONS IN QUALITY OF LIFE		FILODIRITTO PUBLISHER	BOLOGNA	WOS:000682773700008	2020	View Full Record in Web of Science	ISI pcp
14	Draghici, Anca; Ivascu, Larisa; Mircea, Gabriela	Development of E-learning Platform for Education on Sustainable Development	DIVAI 2020: 13TH INTERNATIONAL SCIENTIFIC CONFERENCE ON DISTANCE LEARNING IN APPLIED INFORMATICS		WOLTERS KLUWER CR A S	PRAHA 3	WOS:000675450500007	2020	View Full Record in Web of Science	ISI pcp
15	Draghici, Anca; Ivascu, Larisa; Fatol, Dana	The Sense of E-learning Community	DIVAI 2020: 13TH INTERNATIONAL SCIENTIFIC CONFERENCE ON DISTANCE LEARNING IN APPLIED INFORMATICS		WOLTERS KLUWER CR A S	PRAHA 3	WOS:000675450500026	2020	View Full Record in Web of Science	ISI pcp
16	Ivascu, Larisa; Trocan, Ciprian; Mocan, Marian; Ardelean, Ben-Oni	Assessment of Student's Perception on the Teaching Process	DIVAI 2020: 13TH INTERNATIONAL SCIENTIFIC CONFERENCE ON DISTANCE LEARNING IN APPLIED INFORMATICS		WOLTERS KLUWER CR A S	PRAHA 3	WOS:000675450500031	2020	View Full Record in Web of Science	ISI pcp
17	Pop, Madalin-Dorin; Prosteian, Octavian; Prosteian, Gabriela	Minimax Strategy for Lane Choice Prediction in Markovian Traffic Modeling	GOL20: 2020 5TH INTERNATIONAL CONFERENCE ON LOGISTICS OPERATIONS MANAGEMENT (GOL)	http://dx.doi.org/10.1109/GOL49479.2020.9314764	IEEE	NEW YORK	WOS:000680722500011	2020	View Full Record in Web of Science	ISI pcp
18	Prodan, Gina	The impact of Coronavirus on Romanian Automotive Industry	EDUCATION EXCELLENCE AND INNOVATION MANAGEMENT: A 2025 VISION TO SUSTAIN ECONOMIC DEVELOPMENT DURING GLOBAL CHALLENGES		INT BUSINESS INFORMATION MANAGEMENT ASSOC-IBIMA	NORRISTOWN	WOS:000661489800050	2020	View Full Record in Web of Science	ISI pcp
19	Petri, Michael; Turi, Attila; Ivascu, Larisa; Vlad, Mihai-Emilian	Taboos in Higher Education: How Ethical Values Are Bent Under Pressure	EDUCATION EXCELLENCE AND INNOVATION MANAGEMENT: A 2025 VISION TO SUSTAIN ECONOMIC DEVELOPMENT DURING GLOBAL CHALLENGES		INT BUSINESS INFORMATION MANAGEMENT ASSOC-IBIMA	NORRISTOWN	WOS:000661489803065	2020	View Full Record in Web of Science	ISI pcp
20	Erdelyi, Ralph-Alexandru; Duma, Virgil-Florin; Dobre, George; Bradu, Adrian; Podoleanu, Adrian Gh	A combination of imaging techniques for dental medicine: from X-rays radiography and 3D CBCT to OCT	BIOMEDICAL SPECTROSCOPY, MICROSCOPY, AND IMAGING	http://dx.doi.org/10.1117/12.2542008	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000674749600027	2020	View Full Record in Web of Science	ISI pcp
21	Paraschiva, Gabriela Alina; Draghici, Anca	Are Romanian Schools Learning Organizations?	EDUCATION EXCELLENCE AND INNOVATION MANAGEMENT: A 2025 VISION TO SUSTAIN ECONOMIC DEVELOPMENT DURING GLOBAL CHALLENGES		INT BUSINESS INFORMATION MANAGEMENT ASSOC-IBIMA	NORRISTOWN	WOS:000661127400023	2020	View Full Record in Web of Science	ISI pcp

Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pep / IEEE pep
22	Chioncel, Cristian Paul; Tirian, Ovidiu Gelu; Dordescu, Marian; Spunei, Elisabeta	Optimization of wind turbine operation in variable wind speed conditions	7TH INTERNATIONAL CONFERENCE ON ENERGY EFFICIENCY AND AGRICULTURAL ENGINEERING (EE&AE)	http://dx.doi.org/10.1109/eeae49144.2020.9279103	IEEE	NEW YORK	WOS:000659299700141	2020	View Full Record in Web of Science	ISI pep
23	Amaricaei, Alexandru; Stein, Daian; Boncalo, Oana	Generalized Very High Throughput Unrolled LDPC Layered Decoder	2020 28TH TELECOMMUNICATIONS FORUM (TELFOR)	http://dx.doi.org/10.1109/tefor51502.2020.9306537	IEEE	NEW YORK	WOS:000666945500029	2020	View Full Record in Web of Science	ISI pep
24	Anton, Alin; Ciorga, Razvan	Bunkers: Jail Application Level Firewall for the Mitigation and Identification of Service Takeover Attacks on HardenedBSD	COMPUTER SECURITY: ESORICS 2019 INTERNATIONAL WORKSHOPS, IOSEC, MSTEC, AND FINSEC	http://dx.doi.org/10.1007/978-3-030-42051-2_17	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000659178300017	2020	View Full Record in Web of Science	ISI pep
25	Shamtsyan, Mark; Kolesnikov, Boris; Pushkarev, Mikhail; Gaceu, Liviu; Oprea, Oana Bianca; Iatco, Iulia; Mnerie, Dumitru; Mnerie, Gabriela; Tita, Ovidiu; Tita, Mihaela; Georgescu, Checlia; Mironescu, Monica; Stefanov, Stefan; Damianova, Stanka	Study of awareness of food labeling among consumers in North-West Russia	INTERNATIONAL SCIENTIFIC CONFERENCE ON BIOTECHNOLOGY AND FOOD TECHNOLOGY (BFT-2020)	http://dx.doi.org/10.1051/e3sconf/202021501002	E D P SCIENCES	CEDEX A	WOS:000659767100002	2020	View Full Record in Web of Science	ISI pep
26	Silaghi, Andrei-Marius; De Sabata, Aldo; Matekovits, Ladislau	Multi Wide-Band Frequency Selective Surface for Automotive Applications	2020 IEEE INTERNATIONAL SYMPOSIUM ON ANTENNAS AND PROPAGATION AND NORTH AMERICAN RADIO SCIENCE MEETING	http://dx.doi.org/10.1109/IEEECONF35879.2020.9330375	IEEE	NEW YORK	WOS:000657357700360	2020	View Full Record in Web of Science	ISI pep
27	Marsavina, Cosmin	Studying the Evolution of Static Methods and their Effect on Class Testability	2020 IEEE 20TH INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND INFORMATICS (CINTI)	http://dx.doi.org/10.1016/j.ifacol.2020.12.2243	IEEE	NEW YORK	WOS:000653145500018	2020	View Full Record in Web of Science	ISI pep
28	Radac, Mircea-Bogdan; Lala, Timotei	Learning nonlinear robust control as a data-driven zero-sum two-player game for an active suspension system	IFAC PAPERSONLINE	http://dx.doi.org/10.1016/j.ifacol.2020.12.2243	ELSEVIER	AMSTERDAM	WOS:000652593000575	2020	View Full Record in Web of Science	ISI pep
29	Barb, Gordana; Otesteanu, Marius; Alexa, Florin; Danuti, Flavius	OFDM Multi-Numerology for Future 5G New Radio Communication Systems	2020 28TH INTERNATIONAL CONFERENCE ON SOFTWARE, TELECOMMUNICATIONS AND COMPUTER NETWORKS (SOFTCOM)	http://dx.doi.org/10.23919/softcom5021.2020.9238308	IEEE	NEW YORK	WOS:000644442300049	2020	View Full Record in Web of Science	ISI pep
30	Lica, Septimiu; Molcut, Alex; Lie, Ioan; Lascu, Dan	Small-Signal Modelling of the Three Switch 1L2C Boost Converter	2020 IEEE 26TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SITME 2020)	http://dx.doi.org/10.1109/sitme50350.2020.9292149	IEEE	NEW YORK	WOS:000651085100005	2020	View Full Record in Web of Science	ISI pep
31	Szabo, Roland; Gontean, Aurel	Resource Utilization Comparison between Plain FPGA and SoC Combined with FPGA for Image Processing Applications Used by Robotic Arms	2020 IEEE 26TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SITME 2020)	http://dx.doi.org/10.1109/sitme50350.2020.9292216	IEEE	NEW YORK	WOS:000651085100052	2020	View Full Record in Web of Science	ISI pep
32	Lica, Septimiu; Vatau, Vlad; Lascu, Dan; Tomoroga, Mircea	A Generalized Model for Stacked Boost Single-Switch Converters	2020 IEEE 26TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SITME 2020)	http://dx.doi.org/10.1109/sitme50350.2020.9292210	IEEE	NEW YORK	WOS:000651085100082	2020	View Full Record in Web of Science	ISI pep
33	Silaghi, Andrei-Marius; Berinde, Florin; Bleoju, Ciprian; De Sabata, Aldo	EMC Simulation of Conducted Emissions Produced by a DC-DC converter	2020 IEEE 26TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SITME 2020)	http://dx.doi.org/10.1109/sitme50350.2020.9292216	IEEE	NEW YORK	WOS:000651085100093	2020	View Full Record in Web of Science	ISI pep
34	Andrei, Armas; Erika, Beilicci; Robert, Beilicci	Hydraulic calculation of fish ladders, Sebesel River, Romania	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/3/032080	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100189	2020	View Full Record in Web of Science	ISI pep
35	Belc, Anda Ligia; Marc, Paul; Belc, Florin; Stirb, Adelin	The Impact of Sample Compaction Temperatures on the Characteristics of Bituminous Concrete	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/3/032047	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100156	2020	View Full Record in Web of Science	ISI pep
36	Buzatu, Raluca; Muntean, Daniel; Ciutina, Adrian; Ungureanu, Viorel	Thermal Performance and Energy Efficiency of Lightweight Steel Buildings: a Case-Study	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/3/032099	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100208	2020	View Full Record in Web of Science	ISI pep
37	David, Ioan; Stefanescu, Camelia	Gravity Compressed -Air- Hydraulic-Power-Tower Energy Storage Plants	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/2/022077	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100077	2020	View Full Record in Web of Science	ISI pep
38	Dumitru, Petre-Pavel; Florescu, Constantin; Girbaciuc, Alina; Vaju, Dumitru	The Technologies Optimization for the Treatment of Underground Water with Iron and Arsenic Content - A Case Study	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/2/022060	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100060	2020	View Full Record in Web of Science	ISI pep
39	Girbaciuc, Alina; Girbaciuc, Cristian; Dumitru, Petre-Pavel; Marinela, Lucut	Study Regarding the Possibility of Use the Alternative High Efficiency Systems for Increasing Energy Performance in Suburban Areas	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/2/022061	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100061	2020	View Full Record in Web of Science	ISI pep
40	Grozav, Adia; Rogobete, Gheorghe	Reflections on Decanted Waste Water Application in the Timis County (Romania)	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/2/022070	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100070	2020	View Full Record in Web of Science	ISI pep
41	Hapenciu, Alma-Dia (preda); Anghel, Anamaria Andreea; Mohora, Irina	The Poetics of Access Apparatuses in Contemporary Lyric Exhibition Spaces	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/4/042010	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100228	2020	View Full Record in Web of Science	ISI pep
42	Ioana-Alina, Cretan	Potential impact on the environment and reduction measures in the case of the temporary perimeter for mineral aggregates exploitation. Case study Temporary perimeter operating in Ribulului Valley, Socol Locality, Caras-Severin County, Romania	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/2/022093	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100093	2020	View Full Record in Web of Science	ISI pep
43	Lucut, Marinela; Girbaciuc, Alina; Stefanescu, Camelia; Girbaciuc, Cristian	The Future for Conventional Resources of Romania Used in Energy Production	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/3/032012	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100121	2020	View Full Record in Web of Science	ISI pep
44	Mariana, Pasc Antonia; Robert, Beilicci; Erika, Beilicci	Improvement of the pressurization station SPP 41 from the irrigation system of Ograda, Ialomita County, Romania	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/3/032082	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100191	2020	View Full Record in Web of Science	ISI pep

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45	Petrica, Hauser-Cozma Dorian; Erika, Belluci; Robert, Bellucci	Modelling of Privalul Tinoasa channel, in irrigation system Borcea 2-Danube Romania	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/2/022023	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100023	2020	View Full Record in Web of Science	ISI pcp
46	Stirb, Adelin, Marc, Paul; Belc, Anda; Belc, Florin; Buzurui, Alin	Research Concerning the Impact of Geometrical Characteristics of Natural Quarry Aggregates Used in the Composition of Asphalt Concrete	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/3/032046	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100155	2020	View Full Record in Web of Science	ISI pcp
47	Tudor, Magda Clara; Grozav, Adia	Constructions for the Protection of Underground Water against Pollution, in Warehouse Deposit Areas	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/2/022071	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100071	2020	View Full Record in Web of Science	ISI pcp
48	Visescu, Mircea; Badaluta-Minda, Codruta; Adam, Relu; Florescu, Constantin; Eles, Gabriel	Flood Modelling in the Barzava River Sector	5TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM (WMCAUS)	http://dx.doi.org/10.1088/1757-899X/960/3/032014	IOP PUBLISHING LTD	BRISTOL	WOS:000646533100123	2020	View Full Record in Web of Science	ISI pcp
49	Mercioni, Marina Adriana; Tat, Angel Marcel; Holban, Stefan	Improving the Accuracy of Deep Neural Networks Through Developing New Activation Functions	2020 IEEE 16TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP 2020)	http://dx.doi.org/10.1109/iccp51029.2020.9266162	IEEE	NEW YORK	WOS:000646618600049	2020	View Full Record in Web of Science	ISI pcp
50	Mischie, Niculina; Albu, Adriana	Artificial Neural Networks for Diagnosis of Coronary Heart Disease	2020 INTERNATIONAL CONFERENCE ON E-HEALTH AND BIOENGINEERING (EHB)		IEEE	NEW YORK	WOS:000646194100139	2020	View Full Record in Web of Science	ISI pcp
51	Viadoescu, Cristian; Tunea, Marius; Stanciu, Loredana	Benefits of Using Mobile Applications to Keep Under Control, Detect, Attenuate and Monitor COVID-19 Pandemic	2020 INTERNATIONAL CONFERENCE ON E-HEALTH AND BIOENGINEERING (EHB)		IEEE	NEW YORK	WOS:000646194100101	2020	View Full Record in Web of Science	ISI pcp
52	Zimbru, Cristian G.; Andreescu, Nicoleta; Chirita-Emandi, Adela; Putiu, Maria	Predicting Human Acceptor Splice Site Regions using Text Distance Methods	2020 INTERNATIONAL CONFERENCE ON E-HEALTH AND BIOENGINEERING (EHB)		IEEE	NEW YORK	WOS:000646194100111	2020	View Full Record in Web of Science	ISI pcp
53	Alexa, V.; Cioata, V. G.; Ratiu, S. A.; Dascal, A. A.	Testing the functionality of the safety belts of road vehicles in the production process phase	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012039	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700039	2020	View Full Record in Web of Science	ISI pcp
54	Ardelean, M.; Ardelean, E.; Josan, A.; Socalici, V.	Braking mechanism for profile rolling mill cooling bed. Analysis and operation	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012018	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700018	2020	View Full Record in Web of Science	ISI pcp
55	Baciu, I.; Cuntan, C. D.; Gherman, P. L.	The power chopper with forced extinguish and command realized with FPGA	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012032	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700032	2020	View Full Record in Web of Science	ISI pcp
56	Benea, M. L.; Benea, L. P.	Influence of the thickness of the Tungsten Carbide (WC) coating deposited on martensitic stainless steel on corrosion resistance	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012009	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700009	2020	View Full Record in Web of Science	ISI pcp
57	Benea, M. L.; Benea, L. P.	The improvement of steel properties using Al2O3 coatings deposited by plasma spraying	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012010	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700010	2020	View Full Record in Web of Science	ISI pcp
58	Berdie, A. D.; Jitian, S.	Ellipsometric determination of the thickness and the refractive index of superficial films deposited on metal mirrors	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012027	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700027	2020	View Full Record in Web of Science	ISI pcp
59	Bucevshi, R.; Socalici, V.; Berghian, A. Budul; Baneasa, C. Birtok	Analysis of the fluid dynamic behaviour through the air collector following the installation of pressure outlets	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012050	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700050	2020	View Full Record in Web of Science	ISI pcp
60	Bucur, F.; Socalici, A.; Josan, A.; Putan, V.	Research regarding the hardness of cast iron	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012049	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700049	2020	View Full Record in Web of Science	ISI pcp
61	Chioncel, C. P.; Murarescu, C.; Dudu, M.; Tirian, O. G.	Optimal and stable energetic operation of wind power systems at variable wind speed	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012041	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700041	2020	View Full Record in Web of Science	ISI pcp
62	Cioata, V. G.; Kiss, I.; Alexa, V.; Ratiu, S. A.	Study of the contact forces between workpiece and fixture using dynamic analysis	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012040	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700040	2020	View Full Record in Web of Science	ISI pcp
63	Ciulica, D.	Research on the transient regime of SF6 circuit breakers in MATLAB	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012054	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700054	2020	View Full Record in Web of Science	ISI pcp
64	Flori, M.; Milostean, D.	Influence of heating and moisture content on sludge drying process	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012056	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700056	2020	View Full Record in Web of Science	ISI pcp
65	Flori, M.; Vilceanu, L.	Analysis of wastewater sludge drying process in vacuum filters	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012055	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700055	2020	View Full Record in Web of Science	ISI pcp
66	Ilie, M.; Stoica, V.; Cicala, E.; Kneip, J. C.	Experimental design investigation of through-transmission laser welding of dissimilar polymers	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012045	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700045	2020	View Full Record in Web of Science	ISI pcp
67	Lazar, I.; Salcianu, C. L.; Bordeasu, I.; Popoviciu, M. O.; Hlusu, M.; Pirvulescu, L. D.; Malaimare, G.; Badarau, R.	Contributions for increasing the CuZnPb brass durability to cavitation erosion	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012015	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700015	2020	View Full Record in Web of Science	ISI pcp
68	Lazar, I.; Bordeasu, I.; Popoviciu, M. O.; Hlusu, M.; Podolatu, C. E.; Duma, S. T.; Pirvulescu, L. D.; Sava, M.	Modification of the average durability for CuSn12 bronze at cavitation erosion using volumetric treatments	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012014	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700014	2020	View Full Record in Web of Science	ISI pcp
69	Lupu, O.; Socalici, A.; Bucur, F.; Ardelean, E.	Capitalization possibilities of small ferrous and pulverous waste in the iron production industry	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012051	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700051	2020	View Full Record in Web of Science	ISI pcp
70	Miklos, I. Zs; Miklos, C. C.; Alic, C., I	Piston crank mechanism simulation using finite element method	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012005	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700005	2020	View Full Record in Web of Science	ISI pcp
71	Nedeleu, D.; Gillich, G. R.; Geroas, A.; Padurean, I	A comparative study between photogrammetry and laser technology applied on model turbine blades	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012026	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700026	2020	View Full Record in Web of Science	ISI pcp
72	Nedeleu, D.; Gillich, G. R.; Bloju, A.; Padurean, I	The kinematic and kinetostatic study of the shaker mechanism with SolidWorks Motion	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012025	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700025	2020	View Full Record in Web of Science	ISI pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pep / IEEE pep
73	Pinca-Bretotean, C.; Josan, A.; Preda, C.	Numerical and experimental analysis of dry contact in pad disc brake assembly	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012002	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700002	2020	View Full Record in Web of Science	ISI pep
74	Radu, M.; Serban, S.; Popa, E.; Heput, T.	Influence of steel vacuuming on the reduction of hydrogen content	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012052	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700052	2020	View Full Record in Web of Science	ISI pep
75	Ratiu, S.; Alexa, V.; Josan, A.; Ciota, V. G.; Kiss, I.	Study of temperature dependent viscosity of different types of engine used oils	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012001	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700001	2020	View Full Record in Web of Science	ISI pep
76	Stoica, D. M.	Nonuniform stability in mean-square for stochastic differential equations in Hilbert spaces	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012013	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700013	2020	View Full Record in Web of Science	ISI pep
77	Tirian, G. O.; Chioncel, C. P.; Holubeck, R.; Cinkar, K.	PLC programming to optimize water flow in secondary cooling zone	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012020	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700020	2020	View Full Record in Web of Science	ISI pep
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81	Zgripcea, L.; Heput, T.; Putan, V.; Ardelean, M.	Researches regarding increase of impact resistance for welded structures by weld micro-alloying	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES	http://dx.doi.org/10.1088/1742-6596/1426/1/012023	IOP PUBLISHING LTD	BRISTOL	WOS:000649150700053	2020	View Full Record in Web of Science	ISI pep
82	David, Radu-Codrut; Precup, Radu-Emil; Preitl, Stefan; Szedlak-Stinean, Alexandra-Iulia; Roman, Raul-Cristian; Petriu, Emil M.	Fuzzy Control Systems with Reduced Parametric Sensitivity Design Based on Hybrid Grey Wolf Optimizer-Particle Swarm Optimization	2020 24TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)	http://dx.doi.org/10.1109/icstcc50638.2020.9259703	IEEE	NEW YORK	WOS:000646582900012	2020	View Full Record in Web of Science	ISI pep
83	Gugea, Oana; Cosma, Dan	Identifying software problems in Java applications using ViMC	2020 24TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)	http://dx.doi.org/10.1109/icstcc50638.2020.9259703	IEEE	NEW YORK	WOS:000646582900020	2020	View Full Record in Web of Science	ISI pep
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88	Martin, A. D.; Tutela, L. N.; Boldea, I	Twin Induction Machines Artificial Loading Without Mechanical Coupling	2020 INTERNATIONAL CONFERENCE ON ELECTRICAL MACHINES (ICEM), VOL 1	http://dx.doi.org/10.1109/icem49940.2020.9270782	IEEE	NEW YORK	WOS:000635705300053	2020	View Full Record in Web of Science	ISI pep
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91	Ene, Remus-Daniel; Petrisor, Camelia	Some Mathematical Approaches on the Viscous flow Problem on a Continuous Stretching Surface: Nonlinear Stability and Dual Approximate Analytic Solutions	INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS ICNAAM 2019	http://dx.doi.org/10.1063/5.0026482	AMER INST PHYSICS	MELVILLE	WOS:000636709500077	2020	View Full Record in Web of Science	ISI pep
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102	Pater, Flavius; Herban, Sorin; Rosu, Serban	On the Topics of Mathematical Optimization in Modern Medicine and Engineering Symposium 2019	INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS ICNAAM 2019	http://dx.doi.org/10.1063/5.0026607	AMER INST PHYSICS	MELVILLE	WOS:000636709500171	2020	View Full Record in Web of Science	ISI pep
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104	Wu, Chao; Boldea, Ion; Zhou, Dao; Tutelea, Lucian; Blaabjerg, Frede	Variable Stator Frequency Diode Rectifier DFIG for Lower Cost MVDC Interface	2020 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE)		IEEE	NEW YORK	WOS:000645593604086	2020	View Full Record in Web of Science	ISI pep
105	Bistriean, D. A.; Dimitriu, G.; Navon, I. M.	Modeling Dynamic Patterns from COVID-19 Data Using Randomized Dynamic Mode Decomposition in Predictive Mode and ARIMA	APPLICATION OF MATHEMATICS IN TECHNICAL AND NATURAL SCIENCES (AMITANS 2020)	http://dx.doi.org/10.1063/5.0033963	AMER INST PHYSICS	MELVILLE	WOS:000636887700061	2020	View Full Record in Web of Science	ISI pep
106	Nitulescu, Adina; Crisan-Vida, Mihaela; Stoicu-Tivadar, Lacramioara	Continuous Monitoring and Statistical Modelling of Heart Rate Variability	DIGITAL PERSONALIZED HEALTH AND MEDICINE	http://dx.doi.org/10.3233/SHI200136	IOS PRESS	AMSTERDAM	WOS:000625278800026	2020	View Full Record in Web of Science	ISI pep
107	Mahmut, Emilian Erman; Berian, Dorin; Della Ventura, Michele; Stoicu Tivadar, Vasile	Optimization of Entropy-Based Automated Dyslalasia Screening Algorithm	DIGITAL PERSONALIZED HEALTH AND MEDICINE	http://dx.doi.org/10.3233/SHI200182	IOS PRESS	AMSTERDAM	WOS:000625278800072	2020	View Full Record in Web of Science	ISI pep
108	Nicola, Stelian; Chirila, Oana Sorina; Stoicu-Tivadar, Lacramioara	Gesture Classification for a Hand Controller Device Using Neural Networks	DIGITAL PERSONALIZED HEALTH AND MEDICINE	http://dx.doi.org/10.3233/SHI200262	IOS PRESS	AMSTERDAM	WOS:000625278800150	2020	View Full Record in Web of Science	ISI pep
109	Ciulu, Miruna D.; Holban, Stefan; Lungescu, Diana	Hierarchical Clustering for Image Classification in Dermatology: Towards Mobile Deploying	DIGITAL PERSONALIZED HEALTH AND MEDICINE	http://dx.doi.org/10.3233/SHI200413	IOS PRESS	AMSTERDAM	WOS:000625278800296	2020	View Full Record in Web of Science	ISI pep
110	Iuoras, Adrian Mihai; Szekely, Norbert Csaba; Vitan, Liviu Danut; Bojan, Mircea; Teodosescu, Petre Dorel	AC home appliances retrofitting for DC microgrids	PROCEEDINGS OF THE 2020 12TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAL-2020)	http://dx.doi.org/10.1109/eca50035.2020.9223183	IEEE	NEW YORK	WOS:000627393500059	2020	View Full Record in Web of Science	ISI pep
111	Panfilii, Ion; Precup, Radu-Emil; Roman, Raul-Cristian; Petriu, Emil M.	Wit Dataset-based Comparative Analysis of Three Neural Networks	PROCEEDINGS OF THE 2020 12TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAL-2020)	http://dx.doi.org/10.1109/eca50035.2020.9223201	IEEE	NEW YORK	WOS:000627393500077	2020	View Full Record in Web of Science	ISI pep
112	Foti, Pietro; Razavi, Nima; Marsavina, Liviu; Berto, Filippo	Volume free strain energy density method for applications to blunt V-notches	1ST VIRTUAL EUROPEAN CONFERENCE ON FRACTURE - VECF1	http://dx.doi.org/10.1016/j.prostr.2020.10.085	ELSEVIER	AMSTERDAM	WOS:000632387500085	2020	View Full Record in Web of Science	ISI pep
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116	Hulea, Dan; Gireada, Mihaeta; Vitan, Danut; Cornea, Octavian; Muntean, Nicolae	An Improved Bidirectional Hybrid Switched Inductor Converter	2020 22ND EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS (EPE20 ECCE EUROPE)	http://dx.doi.org/10.23919/epce20ecceur.0043536.2020.9215914	IEEE	NEW YORK	WOS:000629036800328	2020	View Full Record in Web of Science	ISI pep
117	Tinca, Julia-Eliza; Rai, Prabhath; Faller, David	System-Level Flip-Chip Ball Grid Array Solder Joint Reliability Assessment Under Different Methodologies and Correlation with Accelerated Thermal Cycling Experimental Data	2020 IEEE 8TH ELECTRONICS SYSTEM-INTEGRATION TECHNOLOGY CONFERENCE (ESTC)	http://dx.doi.org/10.1109/estc48849.2020.9229748	IEEE	NEW YORK	WOS:000631824100049	2020	View Full Record in Web of Science	ISI pep
118	Nicola, Stelian; Stoicu-Tivadar, Lacramioara	Evaluating Interactivity in VR Healthcare Applications Using Analytics	IMPORTANCE OF HEALTH INFORMATICS IN PUBLIC HEALTH DURING A PANDEMIC	http://dx.doi.org/10.3233/SHI200535	IOS PRESS	AMSTERDAM	WOS:000630065600058	2020	View Full Record in Web of Science	ISI pep
119	Mahmut, Emilian-Erman; Nicola, Stelian; Stoicu-Tivadar, Vasile	Cross-Correlation Based Automated Segmentation of Audio Samples	IMPORTANCE OF HEALTH INFORMATICS IN PUBLIC HEALTH DURING A PANDEMIC	http://dx.doi.org/10.3233/SHI200539	IOS PRESS	AMSTERDAM	WOS:000630065600062	2020	View Full Record in Web of Science	ISI pep
120	Broasca, Laura; Ancusa, Versavia-Maria; Ciocarlie, Horia	A 3D Surface Fitting Layout for Complex Networks Visualization	IMPORTANCE OF HEALTH INFORMATICS IN PUBLIC HEALTH DURING A PANDEMIC	http://dx.doi.org/10.3233/SHI200570	IOS PRESS	AMSTERDAM	WOS:000630065600093	2020	View Full Record in Web of Science	ISI pep
121	Petrita, Teodor; Alexa, Florin; Negrea, Romeo	A Comparison Between Two Antenna Pattern Approximations	2020 INTERNATIONAL WORKSHOP ON ANTENNA TECHNOLOGY (IWAT)	http://dx.doi.org/10.1109/IWAT48004.2020.1570618216	IEEE	NEW YORK	WOS:000627803200086	2020	View Full Record in Web of Science	ISI pep
122	Teusdea, D. F.; Stan, D., V.; Voda, M.; Lovasz, E. C.	Study on the influence of recycled material on the tensile strength of HDPE products	MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VIII	http://dx.doi.org/10.1088/1757-899X/916/1/012119	IOP PUBLISHING LTD	BRISTOL	WOS:000625330000119	2020	View Full Record in Web of Science	ISI pep
123	Tulcan, A.; Banciu, F., V.; Grozav, I	Tolerance allocation using Monte Carlo simulation	MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VIII	http://dx.doi.org/10.1088/1757-899X/916/1/012122	IOP PUBLISHING LTD	BRISTOL	WOS:000625330000122	2020	View Full Record in Web of Science	ISI pep
124	Mischie, Septimiu; Gasparese, Gabriel	On Using ReSpeaker Mic Array 2.0 for speech processing algorithms	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetc50328.2020.9301144	IEEE	NEW YORK	WOS:000612681000076	2020	View Full Record in Web of Science	ISI pep
125	David, Radu-Codrut; Precup, Radu-Emil; Preitl, Stefan; Petriu, Emil M.; Szedlak-Simean, Alexandra-Iulia; Roman, Raul-Cristian	Whale Optimization Algorithm-Based Tuning of Low-Cost Fuzzy Controllers with Reduced Parametric Sensitivity	2020 28TH MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION (MED)	http://dx.doi.org/10.1109/med48518.2020.9182923	IEEE	NEW YORK	WOS:000612207700072	2020	View Full Record in Web of Science	ISI pep
126	Andone, Diana; Termauciu, Andrei; Vasiu, Radu; Mihaescu, Vlad; Vert, Silviu	DigiCulture - an open education environment for digital skills	2020 IEEE 20TH INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT 2020)	http://dx.doi.org/10.1109/ICALT49669.2020.00014	IEEE	NEW YORK	WOS:000620344900007	2020	View Full Record in Web of Science	ISI pep
127	Andone, Diana; Mihaescu, Vlad; Vert, Silviu; Termauciu, Andrei; Vasiu, Radu	Students as OERs (Open Educational Resources) co-creators	2020 IEEE 20TH INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT 2020)	http://dx.doi.org/10.1109/ICALT49669.2020.00017	IEEE	NEW YORK	WOS:000620344900011	2020	View Full Record in Web of Science	ISI pep
128	Mischie, Septimiu; Matiu-Iovan, Liliana	HEADING COMPUTATION USING MAGNETOMETER, INERTIAL SENSORS AND BLUETOOTH COMMUNICATION	2020 13TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM)	http://dx.doi.org/10.1109/comm48946.2020.9142015	IEEE	NEW YORK	WOS:000612723900038	2020	View Full Record in Web of Science	ISI pep
129	Buta, Adrian-Petro; Silaghi, Andrei-Marius; De Sabata, Aldo; Matekovits, Ladislav	MULTIPLE-NOTCH FREQUENCY SELECTIVE SURFACE FOR AUTOMOTIVE APPLICATIONS	2020 13TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM)	http://dx.doi.org/10.1109/comm48946.2020.9142001	IEEE	NEW YORK	WOS:000612723900078	2020	View Full Record in Web of Science	ISI pep
130	Pacurar, Octavian; Silaghi, Andrei; De Sabata, Aldo	MEASUREMENT AND SIMULATION OF ELECTROSTATIC DISCHARGE IN THE AUTOMOTIVE INDUSTRY	2020 13TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM)	http://dx.doi.org/10.1109/comm48946.2020.9142012	IEEE	NEW YORK	WOS:000612723900079	2020	View Full Record in Web of Science	ISI pep

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
131	Mitrea, Teodor; Vasile, Vlad; Borda, Monica; Naformita, Corina; Romaniuc, Alexandru	STUDY OF ATTACKS ON SATELLITE NAVIGATION SYSTEM RECEIVERS	2020 13TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM)	http://dx.doi.org/10.1109/comm48946.2020.9141998	IEEE	NEW YORK	WOS:000612723900092	2020	View Full Record in Web of Science	ISI pcp
132	Chioncel, Cristian Paul; Dordescu, Marian; Lazar, Meda Alexandra; Tirian, Ovidiu Gelu	Wind turbine power and optimum energy, at variable wind speeds	2020 IEEE 24TH INTERNATIONAL CONFERENCE ON INTELLIGENT ENGINEERING SYSTEMS (INES 2020)	http://dx.doi.org/10.1109/ines49302.2020.9147197	IEEE	NEW YORK	WOS:000618845500031	2020	View Full Record in Web of Science	ISI pcp
133	Sirbu, Cristina Laura; Simion, Georgiana; Căleanu, Catalin Daniel	Deep CNN for Contrast-Enhanced Ultrasound Focal Liver Lesions Diagnosis	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301116	IEEE	NEW YORK	WOS:00061268100002	2020	View Full Record in Web of Science	ISI pcp
134	Dragomir, Ademona; Simion, Georgiana; Ermalai, Iasmina	Smart Mirror for Skin Type Identification	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301064	IEEE	NEW YORK	WOS:00061268100014	2020	View Full Record in Web of Science	ISI pcp
135	Orhei, Ciprian; Mocofan, Muguras; Vert, Silviu; Vaslu, Radu	End-to-End Computer Vision Framework	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301078	IEEE	NEW YORK	WOS:00061268100017	2020	View Full Record in Web of Science	ISI pcp
136	Fabian-Manuel, Butean; Adrian, Jucut Marius; Ioan, Lie	Automation of water meter testing using stepper motors	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301109	IEEE	NEW YORK	WOS:00061268100022	2020	View Full Record in Web of Science	ISI pcp
137	Staicu, Loredana Lavinia; Puiu, Robert Valentin; Bogdan, Razvan; Crisan-Vida, Mihaela; Marcu, Marius	Communication and Verification for Radar Sensors in the Context of Driver Assistance Systems	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301112	IEEE	NEW YORK	WOS:00061268100023	2020	View Full Record in Web of Science	ISI pcp
138	Georgiana, Haiducu Cristina; Septimiu, Lica; Ioan, Lie	About the possibility to use the model based testing for system test automation	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301106	IEEE	NEW YORK	WOS:00061268100024	2020	View Full Record in Web of Science	ISI pcp
139	Buta, Adrian-Petru; Silaghi, Andrei-Marius; De Sabata, Aldo; Matekovits, Ladislau	LTE Band Filtering Applications of a Fractal Based Frequency Selective Surface	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301038	IEEE	NEW YORK	WOS:00061268100026	2020	View Full Record in Web of Science	ISI pcp
140	Silaghi, Andrei-Marius; De Sabata, Aldo	EMC Simulation of an Automotive Ethernet Interface	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301147	IEEE	NEW YORK	WOS:00061268100027	2020	View Full Record in Web of Science	ISI pcp
141	Matiu-Iovan, Liliana; Ordodi, Valentin; Ionel, Raul; Bonciog, Daniel	Virtual Instrumentation based Prototype for Evaluation of the Cardiac Systolic Function	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301047	IEEE	NEW YORK	WOS:00061268100028	2020	View Full Record in Web of Science	ISI pcp
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144	Bonciog, Daniel Dumitru; Lascu, Mihaela Ruxandra; Matiu-Iovan, Liliana; Ionel, Raul; Burian, Caius Alexandru; Ordodi, Valentin Laurentiu	Modified Langendorff experimental device for rat heart decellularization with a vibrating fluid column	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301149	IEEE	NEW YORK	WOS:00061268100032	2020	View Full Record in Web of Science	ISI pcp
145	Neicomi, Andrei-Ovidiu; Pacurar, Octavian-Teodor; De Sabata, Aldo	EMC Characteristics of Helical Antennas used in Automotive Testing	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301089	IEEE	NEW YORK	WOS:00061268100035	2020	View Full Record in Web of Science	ISI pcp
146	Pacurar, Octavian-Teodor; Balint, Cornel; Ifode, Cora; Silaghi, Andrei-Marius; De Sabata, Aldo	Spectrum Occupancy Measurements in the Wi-Fi Band with a PCB Antenna	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301063	IEEE	NEW YORK	WOS:00061268100036	2020	View Full Record in Web of Science	ISI pcp
147	Bucos, Marian; Dragulescu, Bogdan	Student cluster analysis based on Moodle data and academic performance indicators	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301061	IEEE	NEW YORK	WOS:00061268100042	2020	View Full Record in Web of Science	ISI pcp
148	Shen, Wensong; Renken, Folker; Lascu, Dan	Soft Switched Multiphase Converter with Parallel Resonant DC-Link Circuit	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301086	IEEE	NEW YORK	WOS:00061268100048	2020	View Full Record in Web of Science	ISI pcp
149	Shen, Wensong; Renken, Folker; Lascu, Dan	A New Multiphase ZVT-PWM Synchronous Buck Converter	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301073	IEEE	NEW YORK	WOS:00061268100049	2020	View Full Record in Web of Science	ISI pcp
150	Lovasz, Evelyn-Astrid; Lascu, Dan	A New Buck Converter with Hybrid Switching	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301107	IEEE	NEW YORK	WOS:00061268100050	2020	View Full Record in Web of Science	ISI pcp
151	Botila, Delia-Anca; Lascu, Dan	A Novel Single Switch Step-Up Converter with High Conversion Ratio	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301126	IEEE	NEW YORK	WOS:00061268100051	2020	View Full Record in Web of Science	ISI pcp
152	Ionici, Cristian	A New Step-Up Watkins-Johnson Type Converter	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301074	IEEE	NEW YORK	WOS:00061268100052	2020	View Full Record in Web of Science	ISI pcp
153	Pop-Calimanu, Ioana-Monica; Alexandru-Adrian, Cau; Pop-Calimanu, Marius	A New Quadratic Step-Down Converter	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301118	IEEE	NEW YORK	WOS:00061268100053	2020	View Full Record in Web of Science	ISI pcp
154	Lazar, Bianca; Lascu, Dan	Fourth-Order Buck-Boost Converters Exhibiting Minimum Phase by Reverse Inductor Coupling	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301054	IEEE	NEW YORK	WOS:00061268100055	2020	View Full Record in Web of Science	ISI pcp
155	Lica, Septimiu; Lie, Ioan; Wegner, Alexandru Nicolae; Pop-Calimanu, Ioana Monica	A Generalized Model for Single-Switch Stacked Step-Down Converters	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301085	IEEE	NEW YORK	WOS:00061268100056	2020	View Full Record in Web of Science	ISI pcp
156	Arvinti, Beatrice; Stolz, Ronny; Costache, Marius	Spectral Component Analysis of Magnetically Unshielded Magnetocardiograms	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301051	IEEE	NEW YORK	WOS:00061268100060	2020	View Full Record in Web of Science	ISI pcp
157	Naformita, Corina; Isar, Alexandru; Dehelean, Teodor; Naformita, Ioan	Comparison of Two Compressive Sensing Algorithms for Automotive Radar	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301105	IEEE	NEW YORK	WOS:00061268100061	2020	View Full Record in Web of Science	ISI pcp
158	Isar, Alexandru; Naformita, Corina; Macaveiu, Adrian; Magu, Georgiana	Wavelet Based Adaptive Detection of Automotive Radar Single Target with Low SNR	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301069	IEEE	NEW YORK	WOS:00061268100062	2020	View Full Record in Web of Science	ISI pcp
159	Mahmut, Emilian-Erman; Nicola, Stelian; Stoicu-Tivadar, Vasile	CROSS-CORRELATION BASED AUTOMATIC SEGMENTATION OF MEDIAL PHONEMES	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.2020.9301048	IEEE	NEW YORK	WOS:00061268100070	2020	View Full Record in Web of Science	ISI pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
160	Magu, Georgiana; Lucaciu, Radu	Multiple Radar Targets Tracking and Trajectories Fitting	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.20.20.9301077	IEEE	NEW YORK	WOS:00061268100077	2020	View Full Record in Web of Science	ISI pcp
161	Szabo, Roland	The Design of a Crowd Density Checker App in Android with People Localization Using the GPS from the Mobile Device	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.20.20.9301042	IEEE	NEW YORK	WOS:00061268100083	2020	View Full Record in Web of Science	ISI pcp
162	Savju-Jivanov, Adrian; Isar, Alexandru; Stojelescu-Crisan, Cristina; Gal, Janos	Network Self-Similar Traffic Generator with Variable Hurst Parameter	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.20.20.9301120	IEEE	NEW YORK	WOS:00061268100086	2020	View Full Record in Web of Science	ISI pcp
163	Simu, Calin; Vesa, Andy	First Fresnel Ellipse Evaluation	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.20.20.9301068	IEEE	NEW YORK	WOS:00061268100096	2020	View Full Record in Web of Science	ISI pcp
164	Bobaru, Alexandru; Budura, Georgeta; Balint, Cornel	Single Tier Heterogeneous Traffic Generator based on Traffic Statistics	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs50328.20.20.9301146	IEEE	NEW YORK	WOS:00061268100097	2020	View Full Record in Web of Science	ISI pcp
165	Borlea, Ioan-Daniel; Precup, Radu-Emil; Borlea, Alexandra-Bianca; Iercan, Daniel	Extending BigTim Distributed Clustering Platform to Support Mobile Devices	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118820	IEEE	NEW YORK	WOS:00061051000002	2020	View Full Record in Web of Science	ISI pcp
166	Muntea, Dalina; Giurgiu, Madalina; Topriceanu, Alexandru	Network-based clustering of book genres based on the connection between books bought together	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118831	IEEE	NEW YORK	WOS:00061051000006	2020	View Full Record in Web of Science	ISI pcp
167	Borlea, Alexandra-Bianca; Precup, Radu-Emil; Borlea, Ioan-Daniel; Dragus, Alexandru Nicolae	Frequency Domain Design of Controllers for Lighting Process	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118839	IEEE	NEW YORK	WOS:00061051000008	2020	View Full Record in Web of Science	ISI pcp
168	Filip, Ioan; Szeider, Iosif; Prostean, Octavian; Vasar, Cristian	Consideration about the stability and performance of a minimum variance control system	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118827	IEEE	NEW YORK	WOS:00061051000013	2020	View Full Record in Web of Science	ISI pcp
169	Nedelea, Monica-Lavinia; Albu, Adriana	Warning Solution for Medication Administration	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)		IEEE	NEW YORK	WOS:00061051000015	2020	View Full Record in Web of Science	ISI pcp
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171	Gruicin, Iasmina; Ionascu, Marian-Emanuel; Popa, Mircea	Evaluation of air quality variability in Timisoara, Romania	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)		IEEE	NEW YORK	WOS:00061051000029	2020	View Full Record in Web of Science	ISI pcp
172	Dobrin, Emilia; Ancuti, Mihaela-Codruta; Musuroi, Sorin; Sorandaru, Ciprian; Ancuti, Razvan; Lazar, Meda Alexandra	Dynamics of the Wind Power Plants at Small Wind Speeds	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118845	IEEE	NEW YORK	WOS:00061051000031	2020	View Full Record in Web of Science	ISI pcp
173	Bonecalo, Oana; Amaricai, Alexandru	Layered LDPC decoder in-order message access scheduling: a case study	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118787	IEEE	NEW YORK	WOS:00061051000032	2020	View Full Record in Web of Science	ISI pcp
174	Carstea, Ciprian; Butaru, Florin; Ancuti, Mihaela-Codruta; Musuroi, Sorin; Deacu, Antheia; Babaita, Mircea; Stanciu, Alin Marius	Wind Power Plants Operation at Variable Wind Speeds	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118826	IEEE	NEW YORK	WOS:00061051000034	2020	View Full Record in Web of Science	ISI pcp
175	Komor, Denis; Roman, Raul-Cristian; Precup, Radu-Emil; David, Radu-Codrut; Panfil, Ion	Models of Two-Wheeled Mobile Robots with Experimental Validation	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118823	IEEE	NEW YORK	WOS:00061051000035	2020	View Full Record in Web of Science	ISI pcp
176	Ungureanu-Anghel, Dan; Robu, Raul; Prostean, Octavian	Mathematical Formalism of Sequential Automaton with Parallel Branches used in Industrial Automation	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118825	IEEE	NEW YORK	WOS:00061051000036	2020	View Full Record in Web of Science	ISI pcp
177	Coichecki, Sergiu; Filip, Ioan	Self-driving vehicles: current status of development and technical challenges to overcome	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/sacii49304.2020.9118809	IEEE	NEW YORK	WOS:00061051000042	2020	View Full Record in Web of Science	ISI pcp
178	Galatanu, Sergiu-Valentin; Scano, Milena; Pietras, Daniel; Pirvulescu, Liviu-Daniel; Porcu, Maria Cristina; Marsavina, Liviu; Sadowski, Tomasz	Bending behavior of AM50 Magnesium alloy under static and dynamic loading	1ST MEDITERRANEAN CONFERENCE ON FRACTURE AND STRUCTURAL INTEGRITY (MEDFRACT1)	http://dx.doi.org/10.1016/j.prostr.2020.06.034	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:000591520100033	2020	View Full Record in Web of Science	ISI pcp
179	Valean, Cristina; Marsavina, Liviu; Marghitas, Mihai; Linul, Emanoil; Razavi, Nima; Berto, Filippo	Effect of manufacturing parameters on tensile properties of FDM printed specimens	1ST MEDITERRANEAN CONFERENCE ON FRACTURE AND STRUCTURAL INTEGRITY (MEDFRACT1)	http://dx.doi.org/10.1016/j.prostr.2020.06.040	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:000591520100039	2020	View Full Record in Web of Science	ISI pcp
180	Butaru, Florinel; Carstea, Ciprian; Lascu, Cristian; Ancuti, Mihaela-Codruta	Optimal Operation of Microgrid Employing Predictive Control	2020 15TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS)	http://dx.doi.org/10.1109/das49615.2020.9108917	IEEE	NEW YORK	WOS:000589776100005	2020	View Full Record in Web of Science	ISI pcp
181	Silaghi, Andrei-Marius; De Sabata, Aldo; Graur, Adrian; Fecbet, Radu	Simulation of Surge Pulse Generator and Applications in Automotive Immunity Testing	2020 15TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS)	http://dx.doi.org/10.1109/das49615.2020.9108951	IEEE	NEW YORK	WOS:000589776100021	2020	View Full Record in Web of Science	ISI pcp
182	Pacurar, Octavian-Teodor; Silaghi, Andrei-Marius; Balint, Cornel; De Sabata, Aldo; Graur, Adrian	Experiments Concerning the Spectrum Structure Inside an Automotive FMC Laboratory	2020 15TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS)		IEEE	NEW YORK	WOS:000589776100024	2020	View Full Record in Web of Science	ISI pcp
183	Mercioni, Marina Adriana; Holban, Stefan	The Most Used Activation Functions: Classic Versus Current	2020 15TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS)	http://dx.doi.org/10.1109/das49615.2020.9108942	IEEE	NEW YORK	WOS:000589776100026	2020	View Full Record in Web of Science	ISI pcp
184	Bran, Mariana; Frigura-fliasa, Mihaela; Filipescu, Hannelore Elfride; Dolga, Lia; Vatau, Vlad; Iorga, Mirela	Case Study about Smart Integrated Utilities for Smart Cities	2020 IEEE 18TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI 2020)	http://dx.doi.org/10.1109/sami48414.2020.9108772	IEEE	NEW YORK	WOS:000589776100005	2020	View Full Record in Web of Science	ISI pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pep / IEEE pep
185	Todea, Nicolae; Frigura-Iliasa, Flavin Mihai; Filipescu, Hannelore Elfride; Dolga, Lia; Dolga, Valer; Crisovan, Florian	Reconstruction of Industrial Parts by using 3D Scanning Techniques	2020 IEEE 18TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI 2020)	http://dx.doi.org/10.1109/sami48414.2020.9108720	IEEE	NEW YORK	WOS:000589772600006	2020	View Full Record in Web of Science	ISI pep
186	Tarfuldea, Nicolae; Simo, Attila; Vatau, Doru; Frigura-Iliasa, Flavin M.; Musuroi, Sorin; Andea, Petru	Fuzzy Logic Based Diagnosis of SF6 Switching Devices	2020 IEEE 18TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI 2020)	http://dx.doi.org/10.1109/sami48414.2020.9108723	IEEE	NEW YORK	WOS:000589772600007	2020	View Full Record in Web of Science	ISI pep
187	Filip, Bogdan; Simo, Attila; Vatau, Doru; Frigura-Iliasa, Flavin M.; Musuroi, Sorin; Andea, Petru	LoRaWAN Based Real-Time Air Quality Monitoring System	2020 IEEE 18TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI 2020)	http://dx.doi.org/10.1109/sami48414.2020.9108740	IEEE	NEW YORK	WOS:000589772600014	2020	View Full Record in Web of Science	ISI pep
188	Pfeifer, Florian; Frigura-Iliasa, Mihaela; Filipescu, Hannelore Elfride; Dolga, Lia; Dolga, Valer; Pocola, Adrian	CAD Design of Overvoltage Protection Systems Applied to Embedded Systems in Automotive	2020 IEEE 18TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI 2020)	http://dx.doi.org/10.1109/sami48414.2020.9108747	IEEE	NEW YORK	WOS:000589772600016	2020	View Full Record in Web of Science	ISI pep
189	Iacobici, Nicolae Luca; Frigura-Iliasa, Mihaela; Filipescu, Hannelore Elfride; Nen, Madlena; Frigura-Iliasa, Flavin Mihai; Iorga, Mirela	Digital Imaging Processing and Reconstruction for General Applications	2020 IEEE 18TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI 2020)	http://dx.doi.org/10.1109/sami48414.2020.9108753	IEEE	NEW YORK	WOS:000589772600042	2020	View Full Record in Web of Science	ISI pep
190	Lazarescu, Emil; Simo, Attila; Alexa, Florin; Frigura-Iliasa, Flavin M.; Musuroi, Sorin; Andea, Petru	RDS Coder Emulator Applied for Didactic Purposes	2020 IEEE 18TH WORLD SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI 2020)		IEEE	NEW YORK	WOS:000589772600044	2020	View Full Record in Web of Science	ISI pep
191	Barb, Gordana; Oteșteanu, Marius	4G/5G: A Comparative Study and Overview on What to Expect from 5G	2020 43RD INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP)	http://dx.doi.org/10.1109/isp49548.2020.9163402	IEEE	NEW YORK	WOS:000577106400009	2020	View Full Record in Web of Science	ISI pep
192	Ricman, Radu-Stefan; Szabo, Roland; Burtă, Andrei	Temperature Acquisition and Logging in an Online SQL Database Used in a Photovoltaic System	2020 43RD INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP)		IEEE	NEW YORK	WOS:000577106400013	2020	View Full Record in Web of Science	ISI pep
193	Ricman, Radu-Stefan; Szabo, Roland; Burtă, Andrei	Vacuum Pressure Online Logging Software Creation for a Solar Collector	2020 43RD INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP)		IEEE	NEW YORK	WOS:000577106400014	2020	View Full Record in Web of Science	ISI pep
194	Silaghi, Andrei-Marius; De Sabata, Aldo	Analysis of Radiated Immunity of an Automotive Display by Means of Testing and Simulation	2020 43RD INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP)	http://dx.doi.org/10.1109/isp49548.2020.9163478	IEEE	NEW YORK	WOS:000577106400017	2020	View Full Record in Web of Science	ISI pep
195	Pop, N.; Iacob, F.; Mezei, J. Zs; Niyonzima, S.; Motapon, O.; Schneider, I. F.	Dissociative recombination and vibrational excitation of molecular cations with electrons: application to H ₂ ⁺ , BeH ⁺ and their isotopomers	31ST INTERNATIONAL CONFERENCE ON ATOMIC, ELECTRONIC AND MOLECULAR COLLISIONS (ICPEAC XXXI)	http://dx.doi.org/10.1088/1742-6596/1412/17/172004	IOP PUBLISHING LTD	BRISTOL	WOS:000567819501034	2020	View Full Record in Web of Science	ISI pep
196	Paraschiva, G. A.; Draghici, A.	TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING SCHOOLS AS LEARNING ORGANISATIONS: EXPERIMENTAL RESEARCH, ROMANIA'S CASE	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088804092	2020	View Full Record in Web of Science	ISI pep
197	Pfeifer, F.; Anghel, A.; Milinc, C.; Filipescu, H.; Frigura-Iliasa, F.; Mohora, I.	NEW ADVANCED TEACHING TOOLS FOR SMART CREATIVE DESIGN	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088807135	2020	View Full Record in Web of Science	ISI pep
198	Povian, Cristina-Maria	THE ARCHITECTURAL PERCEPTION AND THE MAIN FACTORS THAT CAN INFLUENCE IT	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088808001	2020	View Full Record in Web of Science	ISI pep
199	Jianu, Maria-Roberta; Grecea, Carmen	STUDENT SUPPORT IN THE TRANSITION FROM HIGHER EDUCATION TO LABOR MARKET	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088808003	2020	View Full Record in Web of Science	ISI pep
200	Petrenci, R.; Frigura-Iliasa, M.; Băloiu, F.; Olariu, A.; Iftime, S.; Frigura-Iliasa, F.	TEACHING TOOL FOR THE ASSESSMENT OF MAIN POLLUTING AGENTS NEAR THERMAL POWER PLANTS	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088808025	2020	View Full Record in Web of Science	ISI pep
201	Tarfuldea, N.; Frigura-Iliasa, F. M.; Iftime, S.; Iorga, M.; Simo, A.; Frigura-Iliasa, M.	TEACHING EQUIPMENT AND PROCEDURE FOR LOW VOLTAGE QUALITY MEASUREMENTS	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088808028	2020	View Full Record in Web of Science	ISI pep
202	Lazarescu, E.; Iftime, S.; Filipescu, H.; Frigura-Iliasa, F. M.; Iorga, M.; Petrenci, R.	THE MISSION OF UNIVERSITIES IN THE DEVELOPMENT OF INTELLECTUAL CAPITAL AND SMART ECONOMY IN ROMANIA	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088808031	2020	View Full Record in Web of Science	ISI pep
203	Filip, B.; Filipescu, H.; Iftime, S.; Frigura-Iliasa, F. M.; Frigura-Iliasa, M.; Simo, A.	SCIENTIFIC AND ACADEMIC RESEARCH ETHICS LEGISLATION ISSUES IN ROMANIA	14TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE (INTEDE2020)		IATED-INT ASSOC TECHNOLOGY EDUCATION & DEVELOPMENT	VALENICA	WOS:000558088808032	2020	View Full Record in Web of Science	ISI pep
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206	Roxana, Florescu Elena; Maria, Bica Smaranda	EARTH AS AN ALTERNATIVE INDICATOR REGARDING THE ECOLOGICAL CHARACTER OF BUILDING MATERIALS	7TH INTERNATIONAL CONFERENCE ON EDUCATION AND SOCIAL SCIENCES (NICESS 2020)		INT ORGANIZATION CENTER ACAD RESEARCH	ISTANBUL	WOS:000545005700049	2020	View Full Record in Web of Science	ISI pep
207	Povian, Cristina Maria	ARCHITECTURAL STRATEGIES FOR CHILDREN WITH SPECIAL EDUCATIONAL NEEDS	7TH INTERNATIONAL CONFERENCE ON EDUCATION AND SOCIAL SCIENCES (NICESS 2020)		INT ORGANIZATION CENTER ACAD RESEARCH	ISTANBUL	WOS:000545005700185	2020	View Full Record in Web of Science	ISI pep
208	Povian, Cristina Maria	ALTERNATIVE METHODS OF TEACHING INTERIOR DESIGN STYLISTICS	7TH INTERNATIONAL CONFERENCE ON EDUCATION AND SOCIAL SCIENCES (NICESS 2020)		INT ORGANIZATION CENTER ACAD RESEARCH	ISTANBUL	WOS:000545005700199	2020	View Full Record in Web of Science	ISI pep
209	Sharma, Arun Kumar; Bhandari, Rakesh; Aherwar, Amit; Pincabretotean, Camelia	A study of fabrication methods of aluminum based composites focused on stir casting process	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.03.316	ELSEVIER	AMSTERDAM	WOS:000544729800016	2020	View Full Record in Web of Science	ISI pep
210	Jurj, Sorin Liviu; Opritoiu, Flavius; Vladutiu, Mircea	Real-Time Identification of Animals found in Domestic Areas of Europe	TWELFTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2019)	http://dx.doi.org/10.1117/12.2556376	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000542922700039	2020	View Full Record in Web of Science	ISI pep
211	Jurj, Sorin Liviu; Farcas, Allen-Jasmin; Opritoiu, Flavius; Vladutiu, Mircea	Mobile Application for Receipt Fraud Detection Based on Optical Character Recognition	TWELFTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2019)	http://dx.doi.org/10.1117/12.2556377	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000542922700010	2020	View Full Record in Web of Science	ISI pep

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pep / IEEE pep
212	Moldovan, Cristian; Ciupe, Valentin; Dolga, Valer; Lovasz, Erwin-Christian; Maniu, Inocentiu	Design and Novel Control Solution for a Modular Mechatronic Demonstrator with Video Feedback Used in Research and Education	TWELFTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2019)	http://dx.doi.org/10.1117/12.2560153	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000542922700087	2020	View Full Record in Web of Science	ISI pep
213	Sharma, Arun Kumar; Bhandari, Rakesh; Aherwar, Amit; Rimasauskiene, Ruta; Pincă-Bretorean, Camelia	A study of advancement in application opportunities of aluminum metal matrix composites	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.02.516	ELSEVIER	AMSTERDAM	WOS:000542583200025	2020	View Full Record in Web of Science	ISI pep
214	Cojocaru, Andreea; Mares, Oana; Tatomirescu, Dragos; Popescu, Alexandra	The influence of Marangoni convection and of the external temperature gradient on the temperature fluctuations in a Czochralski solar silicon process	TIM 19 PHYSICS CONFERENCE	http://dx.doi.org/10.1063/5.0001053	AMER INST PHYSICS	MELVILLE	WOS:000539152000023	2020	View Full Record in Web of Science	ISI pep
215	Iacob, F.; Pop, N.; Mezei, J. Zs.; Niyonzima, S.; Laporta, V.; Chakrabarti, K.; Schneider, I. F.	Reactive collisions between electrons and Be ⁺	TIM 19 PHYSICS CONFERENCE	http://dx.doi.org/10.1063/5.0001017	AMER INST PHYSICS	MELVILLE	WOS:000539152000004	2020	View Full Record in Web of Science	ISI pep
216	Ivanovici, Madalina; Vlazan, Paulina; Novaceni, Stefan Danica; Rus, Florina Stefania	Degradation of Rhodamine B by glass foam coated with WO ₃ and TiO ₂ under simulated solar radiation	TIM 19 PHYSICS CONFERENCE	http://dx.doi.org/10.1063/5.0001036	AMER INST PHYSICS	MELVILLE	WOS:000539152000016	2020	View Full Record in Web of Science	ISI pep
217	Gonczy, Attila Iuliu; Cipleu, Adrian	Cross-Validation of Two Collision Modeling Software Based on the Reconstruction of a Real Collision - A Possible New Approach to Collision Reconstruction	30TH SIAR INTERNATIONAL CONGRESS OF AUTOMOTIVE AND TRANSPORT ENGINEERING: SCIENCE AND MANAGEMENT OF AUTOMOTIVE AND TRANSPORTATION ENGINEERING	http://dx.doi.org/10.1007/978-3-030-32564-0_43	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000528526600043	2020	View Full Record in Web of Science	ISI pep
218	Cipleu, Adrian; Stefanescu, Werner; Vandici, Ionel; Gonczy, Attila Iuliu	A New Method to Improve Computing Time for TSP Little Algorithm	30TH SIAR INTERNATIONAL CONGRESS OF AUTOMOTIVE AND TRANSPORT ENGINEERING: SCIENCE AND MANAGEMENT OF AUTOMOTIVE AND TRANSPORTATION ENGINEERING	http://dx.doi.org/10.1007/978-3-030-32564-0_47	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000528526600047	2020	View Full Record in Web of Science	ISI pep
219	Barb, Gordana; Oteșteanu, Marius; Alexa, Florin; Ghiulai, Ana	Digital Beamforming Techniques for Future Communications Systems	2020 12TH INTERNATIONAL SYMPOSIUM ON COMMUNICATION SYSTEMS, NETWORKS AND DIGITAL SIGNAL PROCESSING, CSNDSP		IEEE	NEW YORK	WOS:001331796100133	2020	View Full Record in Web of Science	ISI pep
220	Vilceanu, Razvan; Onita, Mihai; Ternauciu, Andrei	Analyzing parking lots vacancy detection algorithms using Mask R-CNN implementations	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301141	IEEE	NEW YORK	WOS:000612681000008	2020	View Full Record in Web of Science	ISI pep
221	Mercioni, Marina Adriana; Holban, Stefan	TeLU: A New Activation Function for Deep Learning	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301084	IEEE	NEW YORK	WOS:000612681000009	2020	View Full Record in Web of Science	ISI pep
222	Orasan, Ioan Lucian; Căleanu, Catalin Daniel	ARM Embedded Low Cost Solution for Implementing Deep Learning Paradigms	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301130	IEEE	NEW YORK	WOS:000612681000010	2020	View Full Record in Web of Science	ISI pep
223	Mercioni, Marina Adriana; Holban, Stefan	P-Swish: Activation Function with Learnable Parameters Based on Swish Activation Function in Deep Learning	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301059	IEEE	NEW YORK	WOS:000612681000011	2020	View Full Record in Web of Science	ISI pep
224	Bublea, Adrian; Căleanu, Catalin Daniel	Deep Learning based Eye Gaze Tracking for Automotive Applications: An Auto-Keras Approach	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301091	IEEE	NEW YORK	WOS:000612681000013	2020	View Full Record in Web of Science	ISI pep
225	Belega, Daniel; Gasparese, Gabriel	Accurate Measurement of the rms of a Sine-wave by Means of Low-Cost rms-to-dc Converters	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301071	IEEE	NEW YORK	WOS:000612681000037	2020	View Full Record in Web of Science	ISI pep
226	Costea, Felicia-Mirabela; Chirila, Ciprian-Bogdan; Cretu, Vladimir-Ioan	Auto-Generative Learning Objects for Learning Linked Lists Concepts	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301136	IEEE	NEW YORK	WOS:000612681000038	2020	View Full Record in Web of Science	ISI pep
227	Jude, Gabriela-Madalina; Pop-Calimanu, Ioana-Monica; Renken, Folker	A New Step-Up Converter With Coupled Inductor	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301041	IEEE	NEW YORK	WOS:000612681000054	2020	View Full Record in Web of Science	ISI pep
228	Stoloiu-Crisan, Cristina; Butunoi, Bogdan-Petru, Crisan, Calin	IoT Based Intelligent Building Applications in the Context of COVID-19 Pandemic	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301124	IEEE	NEW YORK	WOS:000612681000085	2020	View Full Record in Web of Science	ISI pep
229	Bogdan, Tudoroni; Dorina, Isar	Simulation of Automotive MIMO Radar	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301103	IEEE	NEW YORK	WOS:000612681000088	2020	View Full Record in Web of Science	ISI pep
230	Barb, Gordana; Oteșteanu, Marius; Roman, Marius	Dynamic Spectrum Sharing for LTE-NR Downlink MIMO Systems	2020 14TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC)	http://dx.doi.org/10.1109/isetcs0328.2020.9301037	IEEE	NEW YORK	WOS:000612681000094	2020	View Full Record in Web of Science	ISI pep
231	Orhei, Ciprian; Bogdan, Victor; Bonchis, Cosmin	Edge map response of dilated and reconstructed classical filters	2020 22ND INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING (SYNASC 2020)	http://dx.doi.org/10.1109/SYNASC51798.2020.00039	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:000674702000028	2020	View Full Record in Web of Science	ISI pep
232	Magu, Georgiana; Lucaci, Radu; Isar, Alexandra	Polynomial Based Kalman Filter Result Fitting to Data	2020 43RD INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP)	http://dx.doi.org/10.1109/tsp49548.2020.9163567	IEEE	NEW YORK	WOS:000577106400015	2020	View Full Record in Web of Science	ISI pep
233	Iovanovici, Alexandru; Avramoni, Dacian; Moscovici, Anca-Maria; Prodan, Lucian	Traffic micro-simulation as a validation tool for developing genetic algorithms for green wave optimization	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/saci49304.2020.9118841	IEEE	NEW YORK	WOS:000610510000024	2020	View Full Record in Web of Science	ISI pep
234	Berecan, Bogdan; Iarca, Stefan; Tenescu, Andrei; Avramescu, Cristian; Fuicu, Sebastian	Assisting Radiologists Through Automatic Cardiothoracic Ratio Calculation	2020 IEEE 14TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2020)	http://dx.doi.org/10.1109/saci49304.2020.9118847	IEEE	NEW YORK	WOS:000610510000028	2020	View Full Record in Web of Science	ISI pep
235	Covaci, C.; Gontean, A.	Two-Stage Converter for Piezoelectric Energy Harvesting using Buck Configuration	2020 IEEE 26TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIPTIME 2020)	http://dx.doi.org/10.1109/siptime50352.2020.9292138	IEEE	NEW YORK	WOS:000651085100086	2020	View Full Record in Web of Science	ISI pep
236	Berdich, Adriana; Anistoroaei, Alfred; Groza, Bogdan; Gurban, Horatiu; Murvay, Stefan; Iercan, Daniel	ANTARES - Anonymous Transfer of vehicle Access Rights from External cloud Services	2020 IEEE 91ST VEHICULAR TECHNOLOGY CONFERENCE, VTC2020-SPRING		IEEE	NEW YORK	WOS:001455072000338	2020	View Full Record in Web of Science	ISI pep
237	Mir, Farzad; Kouhvalvandi, Lida; Matekovits, Ladislav; Gunes, Ece Olcay	Electromagnetic Bottom-Up Optimization for Automated Antenna Designs	2020 IEEE ASIA-PACIFIC MICROWAVE CONFERENCE (APMC)	http://dx.doi.org/10.1109/APMC47863.2020.9331411	IEEE	NEW YORK	WOS:000654830800267	2020	View Full Record in Web of Science	ISI pep

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238	Ancuti, Codruta O.; Ancuti, Cosmin; Timofte, Radu	NH-HAZE: An Image Dehazing Benchmark with Non-Homogeneous Hazy and Haze-Free Images	2020 IEEE/CVF CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS (CVPRW 2020)	http://dx.doi.org/10.1109/CVPRW5049.8.2020.00230	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:000788279001108	2020	View Full Record in Web of Science	ISI pcp
239	Ancuti, Codruta O.; Ancuti, Cosmin; Vasiliu, Florin-Alexandru; Timofte, Radu; Liu, Jing; Wu, Haiyan; Xie, Yuan; Qu, Yanyan; Ma, Lizhuang; Huang, Ziling; Deng, Qili; Chao, Ju-Chin; Yang, Tsung-Shan; Chen, Peng-Wen; Hsu, Po-Min; Liao, Tzu-Yi; Sun, Chung-En; Wu, Pei-Yuan; Do, Jeonghyeok; Park, Jongmin; Kim, Munchuri; Metwaly, Kareem; Li, Xuelu; Guo, Tiantong; Monga, Vishal; Yu, Mingzhao; Cherukuri, Venkateswararao; Chuang, Shue-Yuan; Lin, Tsung-Nan; Lee, David; Chang, Jerome; Wang, Zhan-Han; Chang, Yu-Bang; Lin, Chang-Hong; Dong, Yu; Zhou, Hongyu; Kong, Xiangzhen; Das, Sourya Dipta; Dutta, Saikat; Zhao, Xuan; Ouyang, Bing; Estrada, Dennis; Wang, Meiqi; Su, Tianqi; Chen, Siyi; Sun, Bangyong; de Dravo, Vincent Whamou; Yu, Zhe; Narang, Pratik; Mehra, Aryan; Raghunath, Navaneeth; Mandal, Murari	NTIRE 2020 Challenge on NonHomogeneous Dehazing	2020 IEEE/CVF CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS (CVPRW 2020)	http://dx.doi.org/10.1109/CVPRW5049.8.2020.00253	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:000788279002013	2020	View Full Record in Web of Science	ISI pcp
240	David, Radu-Codrut; Precup, Radu-Emil; Preitl, Stefan; Szedlak-Stinean, Alexandra-Iulia; Roman, Raul-Cristian; Petriu, Emil M.	Design of Low-Cost Fuzzy Controllers with Reduced Parametric Sensitivity Based on Whale Optimization Algorithm	2020 IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS (FUZZ-IEEE)	http://dx.doi.org/10.1109/fuzz48607.2020.91177536	IEEE	NEW YORK	WOS:000698733400007	2020	View Full Record in Web of Science	ISI pcp
241	Belega, Daniel; Petri, Dario	Effect of Frequency Uncertainty on the Sine-wave Amplitude Estimator Returned by Linear Least-Squares Fitting	2020 IEEE INTERNATIONAL INSTRUMENTATION AND MEASUREMENT TECHNOLOGY CONFERENCE, I2MTC 2020		IEEE	NEW YORK	WOS:001423083800331	2020	View Full Record in Web of Science	ISI pcp
242	Chioncel, Cristian Paul; Spunei, Elisabeta; Nitu, Anamaria-Catalina; Gillich, Nicoleta; Tirian, Gheu Ovidiu	Time Frame Reduction for Maximum Power Point Operation of Wind Turbines	2020 INTERNATIONAL SYMPOSIUM ON FUNDAMENTALS OF ELECTRICAL ENGINEERING (ISFEE)	http://dx.doi.org/10.1109/ISFEE51261.2020.9756171	IEEE	NEW YORK	WOS:000812321500040	2020	View Full Record in Web of Science	ISI pcp
243	But, Adrian; Gruionu, Lucian Gheorghe; Canarache, Radu Marian; Iacob, Andreea; Scaticailov, Serghei	SOLUTIONS TO MANUFACTURING COMPLEX SURFACES IN CNC MACHINE TOOLS	7TH INTERNATIONAL CONFERENCE INTEGRITY-RELIABILITY-FAILURE (IRF2020)		INEGI-INST ENGENHARIA MECANICA E GESTAO INDUSTRIAL	PORTO	WOS:000731040500081	2020	View Full Record in Web of Science	ISI pcp
244	Nunes, Daniel L.; Ciutina, Adrian; Both, Ioan	EXPERIMENTAL TESTING OF STEEL T-STUB MACRO-COMPONENTS WITH FOUR BOLTS PER-ROW	7TH INTERNATIONAL CONFERENCE INTEGRITY-RELIABILITY-FAILURE (IRF2020)		INEGI-INST ENGENHARIA MECANICA E GESTAO INDUSTRIAL	PORTO	WOS:000731040500107	2020	View Full Record in Web of Science	ISI pcp
245	Chesoan, Adriana; Stratan, Aurel; Neagu, Calin; Dubina, Dan	EXPERIMENTAL INVESTIGATION OF THE LENGTH INFLUENCE ON REMOVABLE LINKS	7TH INTERNATIONAL CONFERENCE ON INTEGRITY-RELIABILITY-FAILURE (IRF2020)		INEGI-INST ENGENHARIA MECANICA E GESTAO INDUSTRIAL	PORTO	WOS:001460749000001	2020	View Full Record in Web of Science	ISI pcp
246	Clementi, Francesco; Formisano, Antonio; Milani, Gabriele; Moscareo, Marius	Seismic Analysis and Retrofitting of Civil Engineering Structures	INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS ICNAAM 2019	http://dx.doi.org/10.1063/5.0026398	AMER INST PHYSICS	MELVILLE	WOS:000636709500003	2020	View Full Record in Web of Science	ISI pcp
247	Dudu, Marius; Chilibaru-Opritescu, Cristina	An Analytical Investigation on the Effect of Variable Wind Speed in Wind Energy Conversion Systems	INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS ICNAAM 2019	http://dx.doi.org/10.1063/5.0026868	AMER INST PHYSICS	MELVILLE	WOS:000636709500297	2020	View Full Record in Web of Science	ISI pcp
248	Jurj, Sorin Liviu; Opritoiu, Flavius; Vladutiu, Mircea	Environmentally-Friendly Metrics for Evaluating the Performance of Deep Learning Models and Systems	NEURAL INFORMATION PROCESSING, ICONIP 2020, PT III	http://dx.doi.org/10.1007/978-3-030-63836-8_20	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001420293600020	2020	View Full Record in Web of Science	ISI pcp
249	Grigorescu, Sanda Margareta; Luputi, Antonio-Marius-Flavius; Maniu, Inocentiu; Lovasz, Erwin-Christina	Novel Planar Parallel Manipulator Using Geared Slider-Crank with Linear Actuation as Connection Kinematic Chain	NEW TRENDS IN MECHANISM AND MACHINE SCIENCE, EUCOMES	http://dx.doi.org/10.1007/978-3-030-55061-5_56	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001445893500056	2020	View Full Record in Web of Science	ISI pcp
250	de Carvalho, Carlos Vaz; Intveen, Sonja; Zubikova, Olga; Bruegemann, Tim; Aydin, Cengiz Elakan; Toprak, Elif; Genç-Kumtepe, Evrim; Mihaescu, Vlad	Teachers' skills required to design and deliver MOOCs in Engineering Education	PROCEEDINGS OF 2020 IEEE LEARNING WITH MOOCs (LWMOOCs): 4TH INDUSTRIAL REVOLUTION: CHALLENGES AND OPPORTUNITIES		IEEE	NEW YORK	WOS:000895949800003	2020	View Full Record in Web of Science	ISI pcp
251	Silaghi, Andrei-Marius; Mueller, Felix; De Sabata, Aldo; Buta, Adrian-Petru; Nicolae, Petre-Marian	Analysis of Shielding Effectiveness of an Automotive Display through Simulation and Testing	PROCEEDINGS OF THE 2020 INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY (EMC EUROPE)	http://dx.doi.org/10.1109/emcurope48519.2020.9245677	IEEE	NEW YORK	WOS:000861792600052	2020	View Full Record in Web of Science	ISI pcp
252	Daniel Brebenariu;Catalin Daniel Galatanu	Measuring Luminance with Digital Photometric Camera in Short Tunnels	2020 International Conference and Exposition on Electrical And Power Engineering (EPE)	10.1109/EPE50722.2020.9305545	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9305545	IEEE pcp
253	Daniel Brebenariu;Catalin Daniel Galatanu	Lighting Optimization in a Short and Straight Tunnel, by Designing with Specialized Software	2020 International Conference and Exposition on Electrical And Power Engineering (EPE)	10.1109/EPE50722.2020.9305557	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9305557	IEEE pcp
254	Roland Szabo	Parameter Monitoring and Logging of a Thermo- Electric Hybrid Solar System	2020 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5032.8.2020.9301095	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9301095	IEEE pcp
255	Dumitru Ciulica;Manuela Panoiu;Catus Panoiu;Sergiu Mezzescu	Researches about Controlling Switching SF6 Circuit Breaker Transition Regime	2020 8th International Conference on Control, Mechatronics and Automation (ICCM)	10.1109/ICCMAS13.25.2020.9301534	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9301534	IEEE pcp
256	Elena Valentina Dumitrascu;Paul Mugur Svasta;Madalin Vasile Moise;Aurelian Kotlar	High Performance Interconnecting Technique using Power Line Communication	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME50350.2020.9292291	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9292291	IEEE pcp
257	Andrei-Marius Silaghi;Florin Berinde;Ciprian Blejoiu;Aldo De Sabata	EMC Simulation of Conducted Emissions Produced by a DC- DC converter	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME50350.2020.9292237	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9292237	IEEE pcp
258	Raul-Cristian Roman;Radu-Emil Precup;Emil M. Petriu;Claudia-Adina Bojan-Dragos;Vanesa-Bianca Vanya;Marian-Dan Rarinca	Second Order Active Disturbance Rejection Control – Virtual Reference Feedback Tuning for Twin Rotor Aerodynamic Systems	2020 IEEE International Conference on Systems, Man, and Cybernetics (SMC)	10.1109/SMC42975.2020.9283298	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9283298	IEEE pcp
259	Radu-Codrut David;Radu-Emil Precup;Stefan Preitl;Alexandra-Iulia Szedlak-Stinean;Raul-Cristian Roman;Emil M. Petriu	Fuzzy Control Systems with Reduced Parametric Sensitivity Design Based on Hybrid Grey Wolf Optimizer–Particle Swarm Optimization	2020 24th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC50638.2020.9259725	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9259725	IEEE pcp
260	Andrei Burta;Roland Szabo	Water Flow Measurement in the Pipes of a Thermo-Electric Hybrid Solar System	2020 5th International Conference on Smart and Sustainable Technologies (SpliTech)	10.23919/SpliTech49282.2020.9243689	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9243689	IEEE pcp
261	Andrei Burta;Roland Szabo	Solar Irradiance Measurement for a Thermo-Electric Hybrid Solar System	2020 5th International Conference on Smart and Sustainable Technologies (SpliTech)	10.23919/SpliTech49282.2020.9243761	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9243761	IEEE pcp

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262	Carlos Vaz de Carvalho;Sonja Intveen;Olga Zubikova;Tim Bruegemann;Cengiz Hakan Aydin;Elif Toprak;Evrin Genc-Kumtepe;Vlad Mihaescu	Teachers' skills required to design and deliver MOOCs in Engineering Education	2020 IEEE Learning With MOOCs (LWMOOCs)	10.1109/LWMOOC550143.2020.9234377	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9234377	IEEE pcp
263	Domokos Stefania Cerasela;Dragomir Andrei;Mirica Silvia Nicoleta;Domokos Martin Petru;Boroan Ionuț Silviu;Nagel Adrian;Argeșanu Veronica	Kinematic quantification of knee joint asymmetry during preparatory phase of a standing backward tucked salto	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY50555.2020.9217081	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9217081	IEEE pcp
264	Paul Florin Druta;Adela Neamtu;Ion Crasniuc;Calin Pop-Gozman;Dorin Simoiu;Liviu Bereteu	Vibration Effect on Some Tissues Biomechanical Models	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY50555.2020.9217075	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9217075	IEEE pcp
265	Adela Neamtu;Ioan Calin Gozman-Pop;Daniel Vlădaia;Dorin Simoiu;Sorin Deac;Liviu Bereteu	Determination of Bone Tissue Viscoelastic Properties by Vibroacoustic Measurements	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY50555.2020.9217098	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9217098	IEEE pcp
266	Ion Crăgățiu;Paul Florin Druta;Corneliu Zoițuc;Calin Gozman-Pop;Claudiu Voica;Liviu Bereteu	Determination of the Galvanizing Layers Thickness by Vibration Measurement of Thin Plates	2020 IEEE 18th International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY50555.2020.9217093	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9217093	IEEE pcp
267	Andrei Burtă;Roland Szabo;Aurel Gontean	Object Recognition Development for Android Mobile Devices with Text-to-Speech Function Created for Visually Impaired People	2020 Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	10.1109/WorldS45073.2020.9210381	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9210381	IEEE pcp
268	Diana Andone;Andrei Termauciu;Radu Vasia;Vlad Mihaescu;Silviu Vert	DigiCulture-an open education environment for digital skills	2020 IEEE 20th International Conference on Advanced Learning Technologies (ICALT)	10.1109/ICALT49669.2020.00014	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9155762	IEEE pcp
269	Mădălin-Dorin Pop	Decision Making in Road Traffic Coordination Methods: A Travel Time Reduction Perspective	2020 International Conference Engineering Technologies and Computer Science (EnT)	10.1109/EnT48576.2020.00014	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9140693	IEEE pcp
270	Iasmina Gruicin;Marian-Emanuel Ionașcu;Mircea Popa	Evaluation of air quality variability in Timișoara, Romania	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI49304.2020.9118840	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9118840	IEEE pcp
271	Octavian-Teodor Pacurar;Andrei-Marius Silaghi;Cornel Balint;Aldo De Sabata;Adrian Graur	Experiments Concerning the Spectrum Structure Inside an Automotive EMC Laboratory	2020 International Conference on Development and Application Systems (DAS)	10.1109/DAS49615.2020.9108909	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9108909	IEEE pcp
272	Vladislav Kashansky;Dragi Kimovski;Radu Prodan;Prateek Agrawal;Fabrizio Marozzo;Gabriel Iuhaz;Marek Marozzo;Javier Garcia-Bias	M3AT: Monitoring Agents Assignment Model for Data-Intensive Applications	2020 28th Euromicro International Conference on Parallel, Distributed and Network-Based Processing (PDP)	10.1109/PDP50117.2020.00018	IEEE			2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9092397	IEEE pcp
273	Mercioni, Marina Adriana; Holban, Stefan	Soft Clipping Mish - A Novel Activation Function for Deep Learning	2021 4TH INTERNATIONAL CONFERENCE ON INFORMATION AND COMPUTER TECHNOLOGIES (ICICT 2021)	http://dx.doi.org/10.1109/ICICT52872.2021.00010	IEEE	NEW YORK	WOS:000851389600003	2021	View Full Record in Web of Science	ISI pcp
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275	Ionici, Cristian-Valentin; Lascu, Dan	A New Tapped Inductor Quadratic DC-DC Converter	2021 21ST INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS (IE 2021)	http://dx.doi.org/10.1109/EeS374.2021.9628252	IEEE	NEW YORK	WOS:000846882700015	2021	View Full Record in Web of Science	ISI pcp
276	Toader, Dumitru; Blaj, Constantin; Greconici, Marian; Solea, Claudiu; Vesa, Daniela; Maghet, Adrian	The Transient Regime of a DC Relay Supplied by a Charged Capacitor	2021 21ST INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS (IE 2021)	http://dx.doi.org/10.1109/EeS374.2021.9628230	IEEE	NEW YORK	WOS:000846882700036	2021	View Full Record in Web of Science	ISI pcp
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278	Pop-Calimanu, Ioana-Monica; Raducanu, Elena-Aurelia; Lascu, Dan; Pop-Calimanu, Marius; Popescu, Sorin	A Novel Quadratic Step-Up DC-DC Converter.	2021 23RD EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS (EPE21 ECCE EUROPE)		IEEE	NEW YORK	WOS:000832143901022	2021	View Full Record in Web of Science	ISI pcp
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283	Chirila, Laura; Cristea, Darius-Luca; Baniias, Ovidiu	CXR-based Diagnosis of COVID-19 using Deep Learning with CycleGAN for Data Augmentation	2021 INTERNATIONAL CONFERENCE ON E-HEALTH AND BIOENGINEERING (EHB 2021), 9TH EDITION	http://dx.doi.org/10.1109/EHB52898.2021.9657539	IEEE	NEW YORK	WOS:000802227900004	2021	View Full Record in Web of Science	ISI pcp
284	Pasca, Madalina Sofia; Caruntu, Bogdan; Juratoni, Adina; Bundau, Olivia; Albu, Adriana	Least Squares Differential Quadrature Method for Systems of Fractional Order Differential Equations	2021 INTERNATIONAL CONFERENCE ON E-HEALTH AND BIOENGINEERING (EHB 2021), 9TH EDITION	http://dx.doi.org/10.1109/EHB52898.2021.9657626	IEEE	NEW YORK	WOS:000802227900087	2021	View Full Record in Web of Science	ISI pcp
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286	Jurj, Sorin Liviu; Rotar, Raul; Opritoiu, Flavius; Vladuti, Mircea	Hybrid Testing of a Solar Tracking Equipment using In-Circuit Testing and JTAG Debugging Strategies	2021 21ST IEEE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ELECTRICAL ENGINEERING AND 2021 5TH IEEE INDUSTRIAL AND COMMERCIAL POWER SYSTEMS EUROPE (EEEIC/ICPS EUROPE)	http://dx.doi.org/10.1109/IEEEIC/ICPSEurope51590.2021.9584639	IEEE	NEW YORK	WOS:000784128100141	2021	View Full Record in Web of Science	ISI pcp
287	Rotar, Raul; Jurj, Sorin Liviu	Configurable Built-In Self-Test Architecture for Automated Testing of a Dual-Axis Solar Tracker	2021 21ST IEEE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ELECTRICAL ENGINEERING AND 2021 5TH IEEE INDUSTRIAL AND COMMERCIAL POWER SYSTEMS EUROPE (EEEIC/ICPS EUROPE)	http://dx.doi.org/10.1109/IEEEIC/ICPSEurope51590.2021.9584768	IEEE	NEW YORK	WOS:000784128100244	2021	View Full Record in Web of Science	ISI pcp
288	Szabo, Roland; Gontean, Aurel; Burtă, Andrei	The Development Process of a Quick SMS Auto Responder App for Car Drivers or Busy People	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SITME 2021)	http://dx.doi.org/10.1109/SITME53254.2021.9663642	IEEE	NEW YORK	WOS:000786441900001	2021	View Full Record in Web of Science	ISI pcp
289	Szabo, Roland; Gontean, Aurel; Burtă, Andrei	The Development of a Head-up Display (HUD) App on the Android Mobile Operating System	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SITME 2021)	http://dx.doi.org/10.1109/SITME53254.2021.9663719	IEEE	NEW YORK	WOS:000786441900002	2021	View Full Record in Web of Science	ISI pcp

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290	Covaci, Corina; Gontean, Aurel	Piezoelectric Energy Harvesting using SSH Technique	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663643	IEEE	NEW YORK	WOS:000786441900003	2021	View Full Record in Web of Science	ISI pep
291	Marinca, Magdalena; Iles, Elisei; Barbulescu, Corneliu; Gontean, Aurel	In-circuit ESR Measurement Method for Electrolytic Capacitors	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663652	IEEE	NEW YORK	WOS:000786441900004	2021	View Full Record in Web of Science	ISI pep
292	Silaghi, Andrei-Marius; Bleoju, Ciprian; De Sabata, Aldo	EMC Simulation of a Power Filter in the Automotive Area	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663636	IEEE	NEW YORK	WOS:000786441900008	2021	View Full Record in Web of Science	ISI pep
293	Silaghi, Andrei-Marius; Pescari, Catalin; Bleoju, Ciprian; De Sabata, Aldo	Solving Automotive Signal Integrity Issues by EMC Simulation	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663717	IEEE	NEW YORK	WOS:000786441900009	2021	View Full Record in Web of Science	ISI pep
294	Tinea, Iulia-Eliza; Ailinei, Iulian-Ionut; Silaghi, Andrei-Marius; Bleoju, Ciprian; Davidescu, Arjana; Marsavina, Livia	Evaluation of Finite Element Modelling Techniques of Printed Circuit Boards under Dynamic and Static Loading and Validation with Experimental Data	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663724	IEEE	NEW YORK	WOS:000786441900024	2021	View Full Record in Web of Science	ISI pep
295	Iles, Elisei; Marinca, Magdalena; Bularka, Szilard; Vajda, Melinda; Albuiescu, Daiana; Seiculescu, Ciprian	Proposal of Energy Independent Greenhouse	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663621	IEEE	NEW YORK	WOS:000786441900042	2021	View Full Record in Web of Science	ISI pep
296	Vajda, Melinda; Albuiescu, Daiana; Ursu, Daniel; Iles, Elisei; Marinca, Magdalena; Gontean, Aurel; Miclau, Nicolae; Miclau, Marinela; Duteanu, Narcis	Effect of Water on the Photovoltaic Performance of TiO2 Based Dye-Sensitized Solar Cells Using I-1-3(-) Redox Couple	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663424	IEEE	NEW YORK	WOS:000786441900043	2021	View Full Record in Web of Science	ISI pep
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298	Andrescu, Mihai Traian; Mirsu, Radu; Caleanu, Catalin Daniel	Retrofitting Video Surveillance Systems using Deep Learning Technologies	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663613	IEEE	NEW YORK	WOS:000786441900046	2021	View Full Record in Web of Science	ISI pep
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301	Sirbu, Cristina Laura; Tomoiu, Cristian; Fancsali-Boldizsar, Szilvia; Orhei, Ciprian	Real-time line matching based speed bump detection algorithm	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663602	IEEE	NEW YORK	WOS:000786441900059	2021	View Full Record in Web of Science	ISI pep
302	Barbulescu, Corneliu; Marinca, Magdalena; Iles, Elisei	In-circuit Signal Measurement Method for Interleave Uniformly Spaced Sampling	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663689	IEEE	NEW YORK	WOS:000786441900072	2021	View Full Record in Web of Science	ISI pep
303	Simion, Georgiana; Mihailov, Ecaterina	A Non-invasive Diagnosis Tool Based on Hepatorenal Index For Hepatic Steatosis	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663680	IEEE	NEW YORK	WOS:000786441900073	2021	View Full Record in Web of Science	ISI pep
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305	Fabian-Manuel, Butean; Iulian-Ioan, Stinga; Ioan, Lie	Sniffer. Testing the radio function of water and heat meters	2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021)	http://dx.doi.org/10.1109/SIITME53254.2021.9663638	IEEE	NEW YORK	WOS:000786441900084	2021	View Full Record in Web of Science	ISI pep
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309	Hedrea, Elena-Lorena; Precup, Radu-Emil; Roman, Raul-Cristian; Petriu, Emil M.; Bojan-Dragos, Claudia-Adina; Hedrea, Ciprian	Tensor Product-Based Model Transformation Technique Applied to Servo Systems Modeling	PROCEEDINGS OF 2021 IEEE 30TH INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS (ISIE)	http://dx.doi.org/10.1109/ISIE45552.2021.9756237	IEEE	NEW YORK	WOS:000779299900061	2021	View Full Record in Web of Science	ISI pep
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311	Pavlov, Daniel; Tamasila, Matei; Sheresheva, Marina; Gudkov, Aleksandr	OPPORTUNITIES FOR IMPROVING LOCAL SOCIO-ECONOMIC DEVELOPMENT BY INTERGENERATIONAL FAMILY BUSINESSES	COMPETITIVENESS AND THE DEVELOPMENT OF SOCIO-ECONOMIC SYSTEMS	http://dx.doi.org/10.15405/epsb.2021.04.6	EUROPEAN PUBLISHER	London	WOS:000773381800006	2021	View Full Record in Web of Science	ISI pep
312	Groza, Bogdan; Murvay, Pal-Stefan; Popa, Lucian; Jichici, Camil	CAN-SQUARE - Decimeter Level Localization of Electronic Control Units on CAN Buses	COMPUTER SECURITY - ESORICS 2021, PT I	http://dx.doi.org/10.1007/978-3-030-88418-5_32	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000772653800032	2021	View Full Record in Web of Science	ISI pep
313	Groza, Bogdan; Popa, Lucian; Murvay, Pal-Stefan; Elovici, Yuval; Shabtai, Asaf	CANARY - a reactive defense mechanism for Controller Area Networks based on Active Relays	PROCEEDINGS OF THE 30TH USENIX SECURITY SYMPOSIUM		USENIX ASSOC	BERKELEY	WOS:000722006804033	2021	View Full Record in Web of Science	ISI pep

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314	Topircceanu, Alexandru	Immunization using a heterogeneous geo-spatial population model: A qualitative perspective on COVID-19 vaccination strategies	KNOWLEDGE-BASED AND INTELLIGENT INFORMATION & ENGINEERING SYSTEMS (KSE 2021)	http://dx.doi.org/10.1016/j.procs.2021.08.217	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:000720289002016	2021	View Full Record in Web of Science	ISI pcp
315	Sighencea, Bogdan Iliu; Stanciu, Ion Rares; Sorandaru, Ciprian	Using the alpha-beta-gamma Filter to solve the Threshold Problem	IEEE EUROCON 2021 - 19TH INTERNATIONAL CONFERENCE ON SMART TECHNOLOGIES	http://dx.doi.org/10.1109/EUROCON52738.2021.9535589	IEEE	NEW YORK	WOS:000728121700008	2021	View Full Record in Web of Science	ISI pcp
316	Pop-Calimanu, Ioana-Monica; Jurca, Lucia Daniela; Lascu, Dan; Pop-Calimanu, Marius	A Novel Quadratic Step-Up DC-DC Converter	2021 IEEE 19TH INTERNATIONAL POWER ELECTRONICS AND MOTION CONTROL CONFERENCE (PEMC)	http://dx.doi.org/10.1109/PEMC48073.2021.9432620	IEEE	NEW YORK	WOS:000723843000002	2021	View Full Record in Web of Science	ISI pcp
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323	Bojan-Dragos, Claudia-Adina; Precup, Radu-Emil; Preitl, Stefan; Roman, Raul-Cristian; Hedrea, Elena-Lorena; Szedlak-Stinean, Alexandru-Iulia	GWO-Based Optimal Tuning of Type-1 and Type-2 Fuzzy Controllers for Electromagnetic Actuated Clutch Systems	IFAC PAPERSONLINE	http://dx.doi.org/10.1016/j.ifacol.2021.03.032	ELSEVIER	AMSTERDAM	WOS:000712538400031	2021	View Full Record in Web of Science	ISI pcp
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334	Crainic, Marius-Florin; Faur, Stefan Ioan; Preitl, Stefan	G Suite Configuration for Education and Teaching Mechatronics	IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2021)	http://dx.doi.org/10.1109/SACI51354.2021.9465599	IEEE	NEW YORK	WOS:000695348300005	2021	View Full Record in Web of Science	ISI pcp

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335	Paulescu, Flavius-Catalin; Szeider, Iosif; Filip, Ioan; Vasar, Cristian	Two-Wheeled Self-Balancing Robot	IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2021)	http://dx.doi.org/10.1109/SACI51354.2021.9465568	IEEE	NEW YORK	WOS:000695348300006	2021	View Full Record in Web of Science	ISI pep
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343	Chirila, Ciprian-Bogdan; Chirila, Oana-Sorina	Exam Subjects Generation During COVID-19 Pandemics for FCPL Discipline	IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2021)	http://dx.doi.org/10.1109/SACI51354.2021.9465580	IEEE	NEW YORK	WOS:000695348300058	2021	View Full Record in Web of Science	ISI pep
344	Hughes, Adrian-Ioan Argesanu Baker; Andreescu, Gheorghe-Daniel	Accelerating Data Ingress for Range-Scan Optimized HBase Instances	IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2021)	http://dx.doi.org/10.1109/SACI51354.2021.9465633	IEEE	NEW YORK	WOS:000695348300059	2021	View Full Record in Web of Science	ISI pep
345	Voica, Claudiu; Belgiu, George; Simoiu, Dorin; Parmanche, Robert; Crastiu, Ion; Bereteu, Liviu	Analytical, Numerical and Experimental Analysis of the Dynamic Behavior of a Cutting Tool	IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2021)	http://dx.doi.org/10.1109/SACI51354.2021.9465590	IEEE	NEW YORK	WOS:000695348300071	2021	View Full Record in Web of Science	ISI pep
346	Iapa, Augustin-Catalin; Cretu, Vladimir-Ioan	Modified Distance Metric That Generates Better Performance For The Authentication Algorithm Based On Free-Text Keystroke Dynamics	IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2021)	http://dx.doi.org/10.1109/SACI51354.2021.9465601	IEEE	NEW YORK	WOS:000695348300079	2021	View Full Record in Web of Science	ISI pep
347	Andone, Diana; Mihaescu, Vlad; Termaucic, Andrei; Vert, Silviu; Vasiu, Radu; Mocofan, Mugur	DigiCulture - courses for enhancing digital competences	PROCEEDINGS OF THE 2021 IEEE GLOBAL ENGINEERING EDUCATION CONFERENCE (EDUCON)	http://dx.doi.org/10.1109/EDUCON463.2021.9453911	IEEE	NEW YORK	WOS:000689064100157	2021	View Full Record in Web of Science	ISI pep
348	Andone, Diana; Frydenberg, Mark	Co-creating with TalkTech: Developing Attributes through International Digital Collaborative Projects	PROCEEDINGS OF THE 2021 IEEE GLOBAL ENGINEERING EDUCATION CONFERENCE (EDUCON)	http://dx.doi.org/10.1109/EDUCON463.2021.9454119	IEEE	NEW YORK	WOS:000689064100160	2021	View Full Record in Web of Science	ISI pep
349	Ardejan, Deian Dorel; Mituletu, Ion-Cornel; Anghel, Dorian	3D Printer Fire Detection System with GSM Transmission	2021 12TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)	http://dx.doi.org/10.1109/ATEE52255.2021.9425246	IEEE	NEW YORK	WOS:000676164800109	2021	View Full Record in Web of Science	ISI pep
350	Ingar, Angela; Popa, Gabriel N.; Dimis, Corina M.; Cuntan, Corina D.	Study of Harmonic Emissions and Radiated Disturbances of Electric Lamps	2021 12TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)	http://dx.doi.org/10.1109/ATEE52255.2021.9425260	IEEE	NEW YORK	WOS:000676164800118	2021	View Full Record in Web of Science	ISI pep
351	Mituletu, Ion-Cornel; Anghel, Dorian; Ardejan, Loredana; Magda, Mihael	DC-DC Buck Converter Based on Arduino Uno Sliding Mode Controller	2021 12TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)	http://dx.doi.org/10.1109/ATEE52255.2021.9425185	IEEE	NEW YORK	WOS:000676164800076	2021	View Full Record in Web of Science	ISI pep
352	Popa, Gabriel N.; Dimis, Corina M.; Ingar, Angela; Deaconu, Sorin, I	An Analysis of the High Voltage Sources Used for Small Cylindrical Type Electrostatic Precipitators	2021 12TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)	http://dx.doi.org/10.1109/ATEE52255.2021.9425099	IEEE	NEW YORK	WOS:000676164800031	2021	View Full Record in Web of Science	ISI pep
353	Stoian, Floriana D.; Holotescu, Sorin; Susan-Resiga, Daniela; Marinica, Oana	Concentrated Magnetic Nanofluids for Use as Liquid Core: Magnetic and Transport Properties	2021 12TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)	http://dx.doi.org/10.1109/ATEE52255.2021.9425139	IEEE	NEW YORK	WOS:000676164800054	2021	View Full Record in Web of Science	ISI pep
354	Dimb, Alexandru-Lucian; Duma, Virgil-Florin	Experimental validations of simulated scan patterns of rotational Risley prisms	OPTICAL SENSING AND DETECTION VI	http://dx.doi.org/10.1117/12.2542009	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000672621800041	2021	View Full Record in Web of Science	ISI pep
355	Barb, Gordana; Oteșteanu, Marius	Digital GoB-based Beamforming for 5G Communication Systems	2020 INTERNATIONAL SYMPOSIUM ON ANTENNAS AND PROPAGATION (ISAP)		IEEE	NEW YORK	WOS:000668734200210	2021	View Full Record in Web of Science	ISI pep
356	Marazan, Vlad; Cozma, Antoanela; Halbac-Cotoara-Zamfir, Rares	DESIGNING A COMMON FRAMEWORK FOR CLIMATE CHANGE IMPACT ASSESSMENT IN AGRICULTURE FOR THE WESTERN PART OF ROMANIA	ACTUAL TASKS ON AGRICULTURAL ENGINEERING (ATAE 2021)		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:000664133000009	2021	View Full Record in Web of Science	ISI pep
357	Halbac-Cotoara-Zamfir, Rares; Halbac-Cotoara-Zamfir, Cristina	A BRIEF ANALYSIS OF DROUGHT IN WESTERN ROMANIA BASED ON SPI 3M EVOLUTION	ACTUAL TASKS ON AGRICULTURAL ENGINEERING (ATAE 2021)		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:000664133000010	2021	View Full Record in Web of Science	ISI pep
358	Lontis, Nicolae; Tucu, Dumitru; Malaimare, Gabriel; Groza, Ioan-Vasile	SIMULATION MODEL OF AGRICULTURAL TRANSPORT UNITS BEHAVIOUR ON PUBLIC ROADS	ACTUAL TASKS ON AGRICULTURAL ENGINEERING (ATAE 2021)		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:000664133000052	2021	View Full Record in Web of Science	ISI pep
359	Tomoiaga, Ileana; Suta, Alexandra; Dimcea, Iasmina; Slavici, Titus; Balint, Roxana; Nedelcu, Florin; Mihailescu, Lavinia Cernescu; Sirbu, Cristina	ARTIFICIAL INTELLIGENCE METHODS FOR SUSTAINABLE AGRIBUSINESS INVOLVING PELLETS	ACTUAL TASKS ON AGRICULTURAL ENGINEERING (ATAE 2021)		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:000664133000053	2021	View Full Record in Web of Science	ISI pep

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360	Suta, Alexandra; Tomoiaga, Ileana; Dimcea, Iasmina; Maris, Stefan-Alfred; Balint, Roxana; Pop, Evelyne; Slavici, Titus	INNOVATIVE RESULTS CONCERNING OPTIMIZED RECIPES FOR HEAT PELLETS	ACTUAL TASKS ON AGRICULTURAL ENGINEERING (ATAE 2021)		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:000664133000054	2021	View Full Record in Web of Science	ISI pep
361	Tucu, Alexandru; Crisan, George Catalin; Tucu, Dumitru; Vasilica, Alexandru	MOTIVATIONAL FACTORS IN SYSTEMS OF OCCUPATIONAL RISK MANAGEMENT IN AGRICULTURE	ACTUAL TASKS ON AGRICULTURAL ENGINEERING (ATAE 2021)		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:000664133000055	2021	View Full Record in Web of Science	ISI pep
362	Tucu, Alexandru; Purcarea, Anca-Alexandra; Crisan, George Catalin; Vasilica, Alexandru; Tucu, Dumitru	QUALITY EVALUATION OF OCCUPATIONAL HEALTH & SAFETY (OHS) RISK MANAGEMENT SYSTEMS FROM AGRICULTURE	ACTUAL TASKS ON AGRICULTURAL ENGINEERING (ATAE 2021)		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:000664133000056	2021	View Full Record in Web of Science	ISI pep
363	Simionescu, Dinu; Mitelea, Ion; Karancsi, Olimpiu; Uto, Ion-Dragos	Research on the nondestructive examination of narrow gap MAG welding of API 5L X65M thermomechanical treated steel	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.384	ELSEVIER	AMSTERDAM	WOS:000655645500004	2021	View Full Record in Web of Science	ISI pep
364	Mutascu, Daniel; Mitelea, Ion; Bordeasu, Ilare; Burca, Mircea; Uto, Ion-Dragos	Hardfacing of X2CrNiMoN22-5-3 Duplex stainless steel with Stellite alloy using pulsed TIG welding process	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.662	ELSEVIER	AMSTERDAM	WOS:000655645500005	2021	View Full Record in Web of Science	ISI pep
365	Burca, Lucian; Mitelea, Ion; Uto, Ion-Dragos; Burca, Mircea	Resistance spot welding particularities of the nickel alloy Nimonic 80 A	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.870	ELSEVIER	AMSTERDAM	WOS:000655645500007	2021	View Full Record in Web of Science	ISI pep
366	Lucian, CiprianPavel; Mitelea, Ion; Oana, Silviu; Burca, Mircea; Simon, Natanael	The opportunity to join through laser braze-welding of aluminium alloys with galvanized low alloy steels	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.874	ELSEVIER	AMSTERDAM	WOS:000655645500008	2021	View Full Record in Web of Science	ISI pep
367	Sharma, Arun Kumar; Bhandari, Rakesh; Pinca-Bretotean, Camelia	A systematic overview on fabrication aspects and methods of aluminum metal matrix composites	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.899	ELSEVIER	AMSTERDAM	WOS:000655645500009	2021	View Full Record in Web of Science	ISI pep
368	Bulei, Ciprian; Kiss, Imre; Alexa, Vasile	Development of metal matrix composites using recycled secondary raw materials from aluminium wastes	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.926	ELSEVIER	AMSTERDAM	WOS:000655645500011	2021	View Full Record in Web of Science	ISI pep
369	Todor, Mihai-Paul; Kiss, Imre; Cioata, Vasile George	Development of fabric-reinforced polymer matrix composites using bio-based components from post-consumer textile waste	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.927	ELSEVIER	AMSTERDAM	WOS:000655645500012	2021	View Full Record in Web of Science	ISI pep
370	Riemschneider, Eduard; Bordeasu, Ilare; Mitelea, Ion; Uto, Ion-Dragos; Craciunescu, Corneliu Marius	Morphology and mechanism of cavitation degradation of gray cast iron surfaces with lamellar graphite	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.11.929	ELSEVIER	AMSTERDAM	WOS:000655645500013	2021	View Full Record in Web of Science	ISI pep
371	Valean, Cristina; Sosdean, Corina; Marsavina, Liviu; Linul, Emanoil	Mechanical characterization of lightweight foam-based sandwich panels	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.035	ELSEVIER	AMSTERDAM	WOS:000655645500015	2021	View Full Record in Web of Science	ISI pep
372	Feier, Anamaria; Magda, Aurelian; Banciu, Felicia; Petek, Edward	Deflection and precambering study of VFT beams in the welded joints	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.036	ELSEVIER	AMSTERDAM	WOS:000655645500016	2021	View Full Record in Web of Science	ISI pep
373	Firu, Adrian Ciprian; Tapirdea, Alin Ion; Feier, Anamaria Ioana; Draghici, George	Virtual reality in the automotive field in industry 4.0	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.037	ELSEVIER	AMSTERDAM	WOS:000655645500017	2021	View Full Record in Web of Science	ISI pep
374	Pinca-Bretotean, Camelia; Josan, Ana; Putan, Vasile	Testing of brake pads made of non asbestos organic friction composite on specialized station	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.039	ELSEVIER	AMSTERDAM	WOS:000655645500018	2021	View Full Record in Web of Science	ISI pep
375	Valsan, Dragos-Dumitru; Bolocan, Vlad; Novac, Andrei; Chilnicean, Gheorghe	NiTi wires welding using a 500 W pulsed Nd:YAG laser equipment	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.043	ELSEVIER	AMSTERDAM	WOS:000655645500021	2021	View Full Record in Web of Science	ISI pep
376	Belin, Cosmin Ion; Mitelea, Ion; Bordeasu, Ilare; Uto, Ion-Dragos; Craciunescu, Corneliu Marius	Ultrasonic cavitation erosion mechanism in TIG remelted surfaces of Nimonic 80 A alloy	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.057	ELSEVIER	AMSTERDAM	WOS:000655645500022	2021	View Full Record in Web of Science	ISI pep
377	Krausz, Tamas; Serban, Dan Andrei; Negru, Radu Marcel; Radu, Adrian George; Marsavina, Liviu	The effect of strain rate and temperature on the mechanical properties of polycarbonate composites	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.121	ELSEVIER	AMSTERDAM	WOS:000655645500023	2021	View Full Record in Web of Science	ISI pep
378	Bolocan, Vlad; Valsan, Dragos; Chilnicean, Gheorghe; Novac, Andrei	Optimization of thermal deflection in NiTi-based bimorph microactuators	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.122	ELSEVIER	AMSTERDAM	WOS:000655645500024	2021	View Full Record in Web of Science	ISI pep
379	Labosel, Mihaela-Alexandra; Duca, Delia-Andrada; Vaszilesin, Nicolae; Dan, Mircea Laurentiu	Electrochemical oxidation of sulphite in neutral media on graphite	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.196	ELSEVIER	AMSTERDAM	WOS:000655645500028	2021	View Full Record in Web of Science	ISI pep
380	Ionica, Dorin-Alexandru; Galatam, Sergiu-Valentin; Ionica, Alexandra; Slavici, Titus	Analysis of the insertion force in a Fork-Pin contact	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.197	ELSEVIER	AMSTERDAM	WOS:000655647800001	2021	View Full Record in Web of Science	ISI pep
381	Frant, Florin; Mitelea, Ion; Bordeasu, Ilare; Uto, Ion-Dragos	Investigation on ultrasonic cavitation erosion of wrought Al-Mg alloys	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.198	ELSEVIER	AMSTERDAM	WOS:000655647800002	2021	View Full Record in Web of Science	ISI pep
382	Vasilii, Roxana Diana; Uto, Ion-Dragos; Porojan, Liliana	The effect of thermocycling on microhardness and surface roughness of two zirconia reinforced lithium silicate glass-ceramics	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.284	ELSEVIER	AMSTERDAM	WOS:000655647800003	2021	View Full Record in Web of Science	ISI pep
383	Foltut, Daniel; Buzdugan, Monica Ramona; Pascal, Dragos Toader; Stan, Daniel	Iterative approach in the design of the optimal configuration for the injection system of a test plate from composite material	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.509	ELSEVIER	AMSTERDAM	WOS:000655647800006	2021	View Full Record in Web of Science	ISI pep
384	Nagy, Gabriel	Numerical and experimental stress determination in a tank car body	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.775	ELSEVIER	AMSTERDAM	WOS:000655647800012	2021	View Full Record in Web of Science	ISI pep
385	Szabo, Alexandru; Negru, Radu; Cosa, Alexandru-Viorel; Marsavina, Liviu; Serban, Dan-Andrei	Multi-scale modelling of woven carbon fibre reinforced epoxy	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.780	ELSEVIER	AMSTERDAM	WOS:000655647800013	2021	View Full Record in Web of Science	ISI pep
386	Isaincu, Alexandru; Dan, Micota; Ungureanu, Viorel; Marsavina, Liviu	Numerical investigation on the influence of fiber orientation mapping procedure to the mechanical response of short-fiber reinforced composites using Moldflow, Digimat and Ansys software	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.792	ELSEVIER	AMSTERDAM	WOS:000655647800014	2021	View Full Record in Web of Science	ISI pep
387	Sarandan, Sorin; Negru, Radu; Marsavina, Liviu; Serban, Dan-Andrei	Cellular materials used in athletic footwear applications: Experimental, analytical and numerical investigations	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.796	ELSEVIER	AMSTERDAM	WOS:000655647800015	2021	View Full Record in Web of Science	ISI pep
388	Micota, Dan; Isaincu, Alexandru; Marsavina, Liviu	Micromechanical modeling of glass fiber reinforced plastic material	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.919	ELSEVIER	AMSTERDAM	WOS:000655647800019	2021	View Full Record in Web of Science	ISI pep
389	Nicolescu, Mircea; Orha, Corina; Dabici, Anamaria; Hididis, Petru; Codrean, Cosmin; Serban, Viorel Aurel	Production of Cu-Zr mixed metal oxides by thermal oxidation of amorphous ribbons	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.1157	ELSEVIER	AMSTERDAM	WOS:000655647800020	2021	View Full Record in Web of Science	ISI pep
390	Silviu-Adrian, Oana; Mitelea, Ion; Simon, Natanael; Lucian, Ciprian Pavel	Influence of laser beam power on the heterogeneous welded joints morphology of deformable aluminium alloys	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.1342	ELSEVIER	AMSTERDAM	WOS:000655647800022	2021	View Full Record in Web of Science	ISI pep
391	Ambros, S.; Soporan, R. A.; Kazamer, N.; Pascal, D. T.; Muntean, R.; Dume, A. I.; Marginean, G. M.; Serban, V. A.	Characterization and mechanical properties of fused deposited PLA material	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2020.12.760	ELSEVIER	AMSTERDAM	WOS:000655647800023	2021	View Full Record in Web of Science	ISI pep

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392	Codrean, Cosmin; Buzdugan, Dragoș; Serban, Viorel-Aurel; Voda, Mircea	Determination of internal stress in soldered joints with Sn-based alloys by X-ray diffraction	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2021.02.761	ELSEVIER	AMSTERDAM	WOS:000655647800024	2021	View Full Record in Web of Science	ISI pcp
393	Draganescu, Dragoș; Codrean, Cosmin; Buzdugan, Dragoș; Serban, Viorel-Aurel; Mitelea, Ion	Processing and characterization of Ni ₃ Cr ₂ Fe ₄ Si ₈ B ₁₃ amorphous alloy for the manufacturing of electrical resistances	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2021.02.764	ELSEVIER	AMSTERDAM	WOS:000655647800025	2021	View Full Record in Web of Science	ISI pcp
394	Hididis, Petru; Codrean, Cosmin; Buzdugan, Dragoș; Serban, Viorel-Aurel	Technological aspects regarding the production of Cu-Zr glassy ribbons. Difficulties and proposals	MATERIALS TODAY-PROCEEDINGS	http://dx.doi.org/10.1016/j.matpr.2021.02.765	ELSEVIER	AMSTERDAM	WOS:000655647800026	2021	View Full Record in Web of Science	ISI pcp
395	Friguș-Iliasa, Mihaela; Simo, Attila; Dzitac, Simona; Friguș-Iliasa, Flaviu Mihai; Baloi, Felicia Ioana	Fuzzy-Logic Based Diagnosis for High Voltage Equipment Predictive Maintenance	INTELLIGENT METHODS IN COMPUTING, COMMUNICATIONS AND CONTROL	http://dx.doi.org/10.1007/978-3-030-53651-0_21	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000621675100021	2021	View Full Record in Web of Science	ISI pcp
396	Alexandru Bobaru; Corina Nafoarnita; Cristian Vesa	A Method for Automatic Radar Azimuth Calibration using Stationary Targets	2021 IEEE 17th International Conference on Intelligent Computer Communication and Processing (ICCP)	10.1109/ICCP53602.2021.9733500	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9733500	IEEE pcp
397	Lida Kouhalvandi; Farzad Mir; Ladislav Matekovits	Patch Antenna Array Design through Bottom-Up and Bayesian Optimizations	2021 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (APS/URSI)	10.1109/APS/URSI47566.2021.9703781	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9703781	IEEE pcp
398	Sumer Singh Singhal; Ladislav Matekovits; Ildiko Peter; Binod Kumar Kanaujia	Application of Dielectric Resonator Antenna in Implantable Medical Devices	2021 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (APS/URSI)	10.1109/APS/URSI47566.2021.9704756	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9704756	IEEE pcp
399	Lida Kouhalvandi; Ladislav Matekovits; Serdar Ozoguz	Conjointly Electromagnetic Simulations for Bended Microstrip Antenna Designs	2021 13th International Conference on Electrical and Electronics Engineering (ELECO)	10.23919/ELECO54474.2021.9677726	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9677726	IEEE pcp
400	Melinda Vajda; Daiana Albușescu; Daniel Ursu; Elisai Iliș; Magdalena Marinca; Aurel Gontean; Nicolae Miclea; Marinela Miclea; Narcis Duțeanu	Effect of Water on the Photovoltaic Performance of TiO ₂ Based Dye-Sensitized Solar Cells Using I ⁻ /I ₃ ⁻ Redox Couple	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME53254.2021.9663424	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9663424	IEEE pcp
401	Elvis Alexandru Dogaru; Adrian Augustin Pocola; Florian Iulian Crisovan; Mihaela Friguș-Iliasa; Flaviu Mihai Friguș-Iliasa; Vlad Vatau	About Establishing the Functional Service Limits for Low Voltage Metal Oxide Varistors	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614816	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614816	IEEE pcp
402	Florian Iulian Crisovan; Adrian Augustin Pocola; Elvis Alexandru Dogaru; Mihaela Friguș-Iliasa; Flaviu Mihai Friguș-Iliasa; Doru Vatau	Considerations about Power Systems Reliability	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614845	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614845	IEEE pcp
403	Maria C. Ioncica; Alin F. Totorean; Tiberiu Ciocan; Sandor I. Bernad; Claudia I. Totorean; Elena S. Bernad	Drug Particle Dynamics in the Two Different Simplified Stent Geometries	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614720	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614720	IEEE pcp
404	Loredana Nicoleta Paven; Maria Lucia Crauciuc; Sebastian Avram; Radu Vasiliu; Dan Chiciudean	Hardware and Software Implementation of a Self-Calibrating Smart Meter with Tamper Detection	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614900	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614900	IEEE pcp
405	Alex Bittenbinder; Constantin Barbușescu; Marin Salinschi; Ștefan Kilyeni	Technical Power Losses in Electrical Distribution Networks with Renewable Energy Sources. Case Study: Galati Zone, Electrica Muntenia Nord	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614922	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614922	IEEE pcp
406	Elvis Alexandru Dogaru; Adrian Augustin Pocola; Florian Iulian Crisovan; Mihaela Friguș-Iliasa; Flaviu Mihai Friguș-Iliasa; Doru Vatau	The Influence of Two Main Dopants on the Electrical Properties of Metal Oxide Varistors	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614753	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614753	IEEE pcp
407	Alin F. Totorean; Maria C. Ioncica; Tiberiu Ciocan; Sandor I. Bernad; Claudia I. Totorean; Elena S. Bernad	Medical IMAGE-Based Numerical Simulation of the Abdominal Aorta Flow	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614874	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614874	IEEE pcp
408	Adrian Augustin Pocola; Elvis Alexandru Dogaru; Florian Iulian Crisovan; Mihaela Friguș-Iliasa; Flaviu Mihai Friguș-Iliasa; Doru Vatau	Algorithm for Calculating the B-Spline Coefficients used in Interpolations for Harmonics Assessment in Power Systems Applications	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM5282.2021.9614702	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9614702	IEEE pcp
409	Mădălin-Dorin Pop; Andreas-Robert Stoia	Improving the Tourists Experiences: Application of Firebase and Flutter Technologies in Mobile Applications Development Process	2021 International Conference Engineering Technologies and Computer Science (EnT)	10.1109/EnT52731.2021.00033	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9623025	IEEE pcp
410	Radu Fechet; Adrian Graur; Andrei-Marius Silaghi; Aldo De Sabata	Solution for remote microclimate monitoring in Low Voltage / High Voltage switchgear cells	2021 International Conference on Electromechanical and Energy Systems (SIEMEN)	10.1109/SIEMEN53755.2021.9600390	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9600390	IEEE pcp
411	Lucian Ionel Găină; Bianca Găuș; Daniela Stănescu	Improvement of Message Processing-based Steganographic Algorithm using Convolutional Neural Networks	2021 25th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC52150.2021.9606860	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9606860	IEEE pcp
412	Daniel Belega; Dario Petri	Analog-to-Digital Converter Dynamic Testing by Linearized Four-Parameter Sine-Fit Algorithm	2021 IEEE 6th International Forum on Research and Technology for Society and Industry (RTSI)	10.1109/RTSI50628.2021.9597328	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9597328	IEEE pcp
413	Mihăiță Gireadă; Dan Hulea; Octavian Cornea; Nicolae Muntean	A High Gain Hybrid non-isolated Magnetically-Coupled Switched-Inductor Converter	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590026	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590026	IEEE pcp
414	Ana Adela Popa; Andy Isfanuti; Lucian Tutelea; Ion Boldea	V/f with stabilizing loops fast response control of Induction Motor (IM) drives	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590024	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590024	IEEE pcp
415	Lucian Tutelea; Ileana Torac; Andy-Sorin Isfanuti; Ana Popa; Ion Boldea	10MW, 10rpm, 30Hz spoke Ferrite and bonded NdFeB-rotor wind PMSG preliminary design with FEM validations for 6 rotor variants	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590049	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590049	IEEE pcp
416	Andy-Sorin Isfanuti; Lucian Nicolae Tutelea; Ion Boldea	Doubly Salient Ferrite rotor PM single phase SM motor: FEM based optimal design and analysis	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590046	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590046	IEEE pcp
417	Lucian Tutelea; Ileana Torac; Ion Boldea	100kW 2400-4800rpm -spoke-PM bonded NdFeB traction motor preliminary design with FEM imported parameter circuit controlled dynamics validation	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590050	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590050	IEEE pcp

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418	Lucian Nicolae Tutelea;Tiago Staudt;Ion Boldea	Magnetic equivalent circuit – based optimal design code of high torque density and efficiency small power claw pole stator PM motor	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590043	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590043	IEEE pcp
419	Mihaela-Codruta Ancuti;Andy-Sorin Isfanuti;Gheorghe-Daniel Andreescu;Lucian-Nicolae Tutelea;Ion Boldea	Referencing position versus speed active flux based encoderless control of PM-RSM drives at ultra-low speeds without signal injection	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590019	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590019	IEEE pcp
420	Liviu - Dănuț Vitan;Adrian - Daniel Martin;Lucian Tutelea;Ion Boldea	Supercapacitor City Minibus Propulsion System Simulations, Methodology, and Case Study	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590081	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590081	IEEE pcp
421	Adrian – Daniel Martin;Liviu – Dănuț Vitan;Ileana Torac;Lucian –Nicolae Tutelea;Ion Boldea	BEGA-biaxial excitation generator – operation for constant diode dc output voltage with 3,6,9 phases for increased redundancy	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590034	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9590034	IEEE pcp
422	Ileana Maria Petrașcu;Ionuț Silviu Borozan;Veronica Argeșanu;Gabriela Mădălina Franț;Alexandra Elena Topciov	Investigating additional vehicle safety features using optical scanning device	2021 IEEE 19th International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY52375.2021.9582521	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9582521	IEEE pcp
423	Gabriela Mădălina Franț;Romică Cîrșian Bărbăncuș;Veronica Argeșanu;Ileana Maria Petrașcu;Ion Silviu Borozan	Contributions to increase the safety of road vehicles by optimizing passive systems using AnyBody software	2021 IEEE 19th International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY52375.2021.9582488	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9582488	IEEE pcp
424	Andrei Burta;Roland Szabo;Aurel Gontean	Simple PWM Generation using Serial Interface for a Circulation Pump used in Solar Water Heaters	2021 6th International Conference on Smart and Sustainable Technologies (SpliTech)	10.23919/SplTech5.2315.2021.9566386	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9566386	IEEE pcp
425	Andrei Burta;Roland Szabo;Aurel Gontean	Industrial Pressure Measurement for a Thermo-Electric Hybrid Solar System	2021 6th International Conference on Smart and Sustainable Technologies (SpliTech)	10.23919/SplTech5.2315.2021.9566375	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9566375	IEEE pcp
426	A. de Sabata;L. Matekovits;A. Silaghi;A. Buta	Wide-Band Linear Polarizer Based on a Frequency Selective Surface	2021 XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS)	10.23919/URSIGASS51995.2021.9560451	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9560451	IEEE pcp
427	Farzad Mir;Lida Kouhalvandi;Ladislaw Matekovits	Tunable Frequency Selective Surface Design Using Automated Random Optimization	2021 XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS)	10.23919/URSIGASS51995.2021.9560483	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9560483	IEEE pcp
428	Arpad Kis;Horia Balta;Codruta O. Ancuti	The Impact of Haze Non-Homogeneity on the Recent Image Dehazing Methods	2021 International Symposium ELMAR	10.1109/ELMAR52.657.2021.9550935	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9550935	IEEE pcp
429	Arpad Kis;Horia Balta;Cosmin Ancuti	Underwater Image Enhancement on Low-Cost Hardware Platform	2021 International Symposium ELMAR	10.1109/ELMAR52.657.2021.9550919	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9550919	IEEE pcp
430	Septimiu Mischie;Gabriel Vasu;Robert Pazsitka	A MSP430 Microcontroller Simulator for Teaching at University during the Covid-19 Pandemic	2021 International Conference on Applied Electronics (AE)	10.23919/AE51540.2021.9542897	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9542897	IEEE pcp
431	Bogdan Ilie Sighencea;Ion Rares Stanciu;Ciprian Sorandaru	Using the α - β - γ Filter to solve the Threshold Problem	IEEE EUROCON 2021 - 19th International Conference on Smart Technologies	10.1109/EUROCON52738.2021.9535589	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9535589	IEEE pcp
432	Andrei Burta;Roland Szabo;Aurel Gontean	People Number Scanner Made on iPhone for Avoiding Big Crowds	2021 Fifth World Conference on Smart Trends in Systems Security and Sustainability (WorldS4)	10.1109/WorldS451.998.2021.9514057	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9514057	IEEE pcp
433	Andrei Burta;Roland Szabo;Aurel Gontean	The Creation Method of a Head-up Display for Cars Using an iPhone	2021 Fifth World Conference on Smart Trends in Systems Security and Sustainability (WorldS4)	10.1109/WorldS451.998.2021.9513996	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9513996	IEEE pcp
434	Lili Bai;Wei Xu;Xiang Li;Ion Boldea	Electromagnetic Analysis of a Springless Linear Oscillatory Machine based on Equivalent Magnetic Circuit	2021 13th International Symposium on Linear Drives for Industry Applications (LDIA)	10.1109/LDIA4948.9.2021.9505836	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9505836	IEEE pcp
435	Deli Luo;Wei Xu;Xinyu Xiao;Ion Boldea	Three Dimensional Magnetic Equivalent Circuit Analysis of the Modified Homopolar Linear Synchronous Machine	2021 13th International Symposium on Linear Drives for Industry Applications (LDIA)	10.1109/LDIA4948.9.2021.9505945	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9505945	IEEE pcp
436	Ion Boldea;Lucian N. Tutelea;A. Popa	Linear oscillatory electric motor/generators: an overview	2021 13th International Symposium on Linear Drives for Industry Applications (LDIA)	10.1109/LDIA4948.9.2021.9505814	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9505814	IEEE pcp
437	Ciprian Bleoju;Andrei-Marius Silaghi;Aldo De Sabata	Simulation and Measurement of Conducted Emissions – Current Probe in Automotive EMC	2021 International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS233.3.2021.9497406	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9497406	IEEE pcp
438	Corina Nafomita;Alexandru Isar	Hyperanalytic Wavelets Based Remote Sensing Images Despeckling	2021 International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS233.3.2021.9497422	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9497422	IEEE pcp
439	Cristina Stoilescu-Crisan;Alexandru Isar	A New Automatic Conditioning Algorithm for SONAR Images	2021 International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS233.3.2021.9497424	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9497424	IEEE pcp
440	Adrian Pană;Alexandru Băloiu;Florin Molnar-Matei;Loredana Paven;Roxana Goste;Iona Bucatariu	MATLAB Simulation Analysis of Harmonic Impedance in a Distribution Network in Order to optimize Passive Compensation Solutions	2021 9th International Conference on Modern Power Systems (MPS)	10.1109/MPS52805.2021.9492642	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9492642	IEEE pcp
441	Cristian Ionici;Dan Lascu	Two New Buck Converters Exhibiting Ripple-Free Output Current	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES233.7.2021.9484101	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9484101	IEEE pcp
442	Evelyn-Astrid Lovasz;Dan Lascu	Small-signal Model for PWM Converters using Extended Describing Function Approach	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES233.7.2021.9484156	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9484156	IEEE pcp
443	Mihai Constantin Daniel;Lascu Mihaela Ruxandra	Brain Tumor Classification Using Pretrained Convolutional Neural Networks	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES233.7.2021.9484102	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9484102	IEEE pcp
444	Dumitru Daniel Bonciog;Valentin Laurentiu Ordoș;Mihaela Ruxandra Lascu;Liliana Mățiu - Iovan;Dan Cristian Ciobanu	Software Validation For Automatic Heart Decellularization	2021 16th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES233.7.2021.9484106	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9484106	IEEE pcp
445	Diana Andone;Vlad Mihaescu;Andrei Termauciu;Silviu Vert;Radu Vasu;Mugur Mocofan	DigiCulture - courses for enhancing digital competences	2021 IEEE Global Engineering Education Conference (EDUCON)	10.1109/EDUCON4.6332.2021.9453911	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9453911	IEEE pcp
446	Septimiu Lica;Ioana-Monica Pop-Calimanu;Dan Lascu	A New High Performance Step-Down Quadratic Converter	2021 IEEE 19th International Power Electronics and Motion Control Conference (PEMC)	10.1109/PEMC4807.3.2021.9432613	IEEE			2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9432613	IEEE pcp
447	Balanescu, Adrian Gabriel; Sirbu, Cristina Laura; Orhei, Ciprian	Intersection detection based on mono-camera sensor	2022 45TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING, TSP	http://dx.doi.org/10.1109/TSP5681.2022.9851381	IEEE	NEW YORK	WOS:001070846300044	2022	View Full Record in Web of Science	ISI pcp

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448	Onchis, Darian M.; Istin, Codruta; Eduard-Florin, Hoge	Advantages of a neuro-symbolic solution for monitoring IT infrastructures alerts	2022 24TH INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING, SYNASC	http://dx.doi.org/10.1109/SYNASC5778.5.2022.00036	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:001058283600028	2022	View Full Record in Web of Science	ISI pep
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461	Stanescu, Malin; Sirbu, Cristina Laura; Orhei, Ciprian	Mapping the environment at range: implications for camera calibration	2022 IEEE 28TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	http://dx.doi.org/10.1109/SIITME56728.2022.9987945	IEEE	NEW YORK	WOS:000947243400010	2022	View Full Record in Web of Science	ISI pep
462	Barbulescu, Corneliu; Marinca, Magdalena; Ilies, Elisei	Microsystem for measuring audio PCB vibrations	2022 IEEE 28TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	http://dx.doi.org/10.1109/SIITME56728.2022.9988618	IEEE	NEW YORK	WOS:000947243400011	2022	View Full Record in Web of Science	ISI pep
463	Timca, Iulia-Eliza; Ailinei, Iulian-Ionut; Davidescu, Arjana	Printed Circuit Board Assembly Modeling for Predictive Reliability Assessment	2022 IEEE 28TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	http://dx.doi.org/10.1109/SIITME56728.2022.9988304	IEEE	NEW YORK	WOS:000947243400013	2022	View Full Record in Web of Science	ISI pep
464	Vajda, Melinda; Albuiescu, Daiana; Ursu, Daniel; Ilies, Elisei; Marinca, Magdalena; Gontean, Aurel; Miclau, Nicolae; Duteanu, Narcis; Bularka, Szilard; Miclau, Marinela	Preliminary study for outdoor testing: Effect of Moisture and Temperature on the Stability of UV Dye Sensitized Solar Cells	2022 IEEE 28TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	http://dx.doi.org/10.1109/SIITME56728.2022.9987958	IEEE	NEW YORK	WOS:000947243400014	2022	View Full Record in Web of Science	ISI pep
465	Ilies, Elisei; Marinca, Magdalena; Bularka, Szilard; Ricman, Radu; Vajda, Melinda; Albuiescu, Daiana	An Automated Data Acquisition System for the Characterization of Photovoltaic Cells	2022 IEEE 28TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	http://dx.doi.org/10.1109/SIITME56728.2022.9987874	IEEE	NEW YORK	WOS:000947243400018	2022	View Full Record in Web of Science	ISI pep
466	Bularka, Szilard; Ilies, Elisei; Marinca, Magda; Ricman, Radu; Vajda, Melinda; Albuiescu, Daiana	Study of Dye-Sensitized Solar Roof Tile under Partial Shading Conditions	2022 IEEE 28TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	http://dx.doi.org/10.1109/SIITME56728.2022.9988633	IEEE	NEW YORK	WOS:000947243400047	2022	View Full Record in Web of Science	ISI pep

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pep / IEEE pep
467	Sirbu, Cristina Laura; Seiculescu, Ciprian; Burdan, Ghita Adrian; Moga, Tudor; Căleanu, Catalin Daniel	Evaluation of Tracking Algorithms for Contrast Enhanced Ultrasound Imaging Exploration	2022 AUSTRALIAN COMPUTER SCIENCE WEEK (ACSW 2022)	http://dx.doi.org/10.1145/3511616.3513111	ASSOC COMPUTING MACHINERY	NEW YORK	WOS:000927846800019	2022	View Full Record in Web of Science	ISI pep
468	Kis, Arpad; Balta, Horia; Ancuti, Cosmin	Effective restoration of underwater images to improve local feature matching	PROCEEDINGS OF 2022 64TH INTERNATIONAL SYMPOSIUM ELMAR-2022	http://dx.doi.org/10.1109/ELMAR55880.2022.9899810	IEEE	NEW YORK	WOS:000935062500039	2022	View Full Record in Web of Science	ISI pep
469	Kis, Arpad; Ancuti, Codruta O.	Night-time image dehazing using deep hierarchical network trained on daytime hazy images	PROCEEDINGS OF 2022 64TH INTERNATIONAL SYMPOSIUM ELMAR-2022	http://dx.doi.org/10.1109/ELMAR55880.2022.9899819	IEEE	NEW YORK	WOS:000935062500040	2022	View Full Record in Web of Science	ISI pep
470	Roman, Raul-Cristian; Precup, Radu-Emil; Preitl, Stefan; Szedlak-Stinean, Alexandra-Iulia; Bojan-Dragos, Claudia-Adina; Elena-Lorena-Hedrea, Petriu, Emil M.	PI Controller Tuning via Data-Driven Algorithms for Shape Memory Alloy Systems	IFAC PAPERSONLINE	http://dx.doi.org/10.1016/j.ifacol.2023.01.069	ELSEVIER	AMSTERDAM	WOS:000925770700031	2022	View Full Record in Web of Science	ISI pep
471	Andrescu, Ioan	Reshaping the Space. The Larger Goals of Historic Preservation and Protection	PROTECTION OF HISTORICAL CONSTRUCTIONS, PROHITECH 2021	http://dx.doi.org/10.1007/978-3-030-90788-4_107	SPRINGER-VERLAG SINGAPORE PTE LTD	SINGAPORE	WOS:000922743500107	2022	View Full Record in Web of Science	ISI pep
472	Rosu, Alin-Petru; Mihaeana, Petru-Florin	Towards the Detection of Hidden Familial Type Correlations in Java Code	2022 IEEE 22ND INTERNATIONAL WORKING CONFERENCE ON SOURCE CODE ANALYSIS AND MANIPULATION (SCAM 2022)	http://dx.doi.org/10.1109/SCAM55253.2022.00022	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:000920285100017	2022	View Full Record in Web of Science	ISI pep
473	Jodlowiec, Marcin; Albu, Adriana; Wolk, Krzysztof; Nguyen Thai-Nghê; Karasinski, Adrian	Layer-Wise Optimization of Contextual Neural Networks with Dynamic Field of Aggregation	INTELLIGENT INFORMATION AND DATABASE SYSTEMS, ACIDS 2022, PT II	http://dx.doi.org/10.1007/978-3-031-21967-2_25	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000916496900025	2022	View Full Record in Web of Science	ISI pep
474	Anistoroaei, Alfred; Groza, Bogdan; Murvay, Pal-Stefan; Gurban, Horatiu	Security Analysis of Vehicle Instrument Clusters by Automatic Fuzzing and Image Acquisition	PROCEEDINGS OF 2022 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2022)	http://dx.doi.org/10.1109/AQTR55203.2022.9802024	IEEE	NEW YORK	WOS:000890261900003	2022	View Full Record in Web of Science	ISI pep
475	Silaghi, Helga; Spotala, Viorica; Costea, Claudiu; Spotala, Dragos; Dale, Sanda; Tiberiu, Barabas; Silaghi, Andrei	Field Orientation Control of a PMSM Electrical Drive System with Application in Hybrid Electric Vehicle	PROCEEDINGS OF 2022 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2022)	http://dx.doi.org/10.1109/AQTR55203.2022.9802045	IEEE	NEW YORK	WOS:000890261900028	2022	View Full Record in Web of Science	ISI pep
476	Tota, Paul; Tirian, Gelu Ovidiu; Chiorean, Ligia; Vaida, Mircea-Florin	Telepresence Robot for Exploring Protected Natural Areas	PROCEEDINGS OF 2022 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2022)	http://dx.doi.org/10.1109/AQTR55203.2022.9801925	IEEE	NEW YORK	WOS:000890261900044	2022	View Full Record in Web of Science	ISI pep
477	Chirila, Ciprian-Bogdan; Sora, Ioana	The assessment of class relations importance using enumeration in a graph representation model for key classes detection based on PageRank	2022 26TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)	http://dx.doi.org/10.1109/ICSTCC55426.2022.9931857	IEEE	NEW YORK	WOS:000889980600023	2022	View Full Record in Web of Science	ISI pep
478	Apostol, Dumitru-Cristian; Rusovan, Paul -Daniel; Marcu, Marius	UML to code, and code to UML, a view inside implementation challenges and cost	2022 26TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)	http://dx.doi.org/10.1109/ICSTCC55426.2022.9931871	IEEE	NEW YORK	WOS:000889980600025	2022	View Full Record in Web of Science	ISI pep
479	Hedrea, Elena-Lorena; Precup, Radu-Emil; Roman, Raul-Cristian; Bojan-Drag, Claudia-Adina; Szedlak-Stinean, Alexandra-Iulia; Hedrea, Ciprian	Tensor Product-based and State Feedback Structures for Level Control of Vertical Three Tank Systems	2022 26TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)	http://dx.doi.org/10.1109/ICSTCC55426.2022.9931892	IEEE	NEW YORK	WOS:000889980600034	2022	View Full Record in Web of Science	ISI pep
480	Sandru, Florin-Daniel; Ungureanu, Vlad-Ilie; Silea, Ioan	Parking facility management solution based on dynamic traffic distribution	2022 26TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)	http://dx.doi.org/10.1109/ICSTCC55426.2022.9931862	IEEE	NEW YORK	WOS:000889980600104	2022	View Full Record in Web of Science	ISI pep
481	Bulzan, Andrei -Stefan; Cernazanu-Glavan, Cosmin	Object Detection in Invoices	2022 26TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)	http://dx.doi.org/10.1109/ICSTCC55426.2022.9931900	IEEE	NEW YORK	WOS:000889980600110	2022	View Full Record in Web of Science	ISI pep
482	Dubina, Dan; Dinu, Floarea	Seismic Resilience of Multi-story Dual Steel Building Frames	PROGRESSES IN EUROPEAN EARTHQUAKE ENGINEERING AND SEISMOLOGY	http://dx.doi.org/10.1007/978-3-031-15104-0_28	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000886936300028	2022	View Full Record in Web of Science	ISI pep
483	Andone, Diana; Frydenberg, Mark	Developing Digital Competencies and Future Skills: An International Project-Based Learning through Open Virtual Mobilities in Pandemic Times	2022 INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT 2022)	http://dx.doi.org/10.1109/ICALT55010.2022.00015	IEEE	NEW YORK	WOS:000885102700009	2022	View Full Record in Web of Science	ISI pep
484	Mihaescu, Vlad; Andone, Diana; Vert, Silviu; Temauciu, Andrei; Vasiu, Radu	Digital Tools and MOOCs Analysis as Student Exam Activities	2022 INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT 2022)	http://dx.doi.org/10.1109/ICALT55010.2022.00016	IEEE	NEW YORK	WOS:000885102700010	2022	View Full Record in Web of Science	ISI pep
485	Bacuieti, Norica; Batina, Lejla; Picck, Stjepan	Deep Neural Networks Aiding Cryptanalysis: A Case Study of the Speck Distinguisher	APPLIED CRYPTOGRAPHY AND NETWORK SECURITY, ACNS 2022	http://dx.doi.org/10.1007/978-3-031-09234-3_40	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000876727100040	2022	View Full Record in Web of Science	ISI pep
486	Groza, Bogdan; Popa, Lucian; Andrica, Tudor; Murvay, Pal-Stefan; Shabtai, Asaf; Elovici, Yuval	PanoptiCANs - Adversary-Resilient Architectures for Controller Area Networks	COMPUTER SECURITY - ESORICS 2022, PT III	http://dx.doi.org/10.1007/978-3-031-17143-7_32	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000866567700032	2022	View Full Record in Web of Science	ISI pep
487	Precup, Radu-Emil; Hedrea, Elena-Lorena; Roman, Raul-Cristian; Petriu, Emil M.; Bojan-Dragos, Claudia-Adina; Szedlak-Stinean, Alexandra-Iulia; Paulescu, Flavius-Catalin	AVOA-Based Tuning of Low -Cost Fuzzy Controllers for Tower Crane Systems	2022 IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS (FUZZ-IEEE)	http://dx.doi.org/10.1109/FUZZ-IEEE5066.2022.9882748	IEEE	NEW YORK	WOS:000861288500097	2022	View Full Record in Web of Science	ISI pep
488	Belega, Daniel; Petri, Dario	Accurate Frequency Estimation of Electrical Waveforms Affected by Harmonics and Interharmonics	2022 IEEE 21ST MEDITERRANEAN ELECTROTECHNICAL CONFERENCE (IEEE MELECON 2022)	http://dx.doi.org/10.1109/MELECON53508.2022.9842877	IEEE	NEW YORK	WOS:000854091100192	2022	View Full Record in Web of Science	ISI pep
489	Bojan-Dragos, Claudia-Adina; Precup, Radu-Emil; Petriu, Emil M.; Roman, Raul-Cristian; Hedrea, Elena-Lorena; Szedlak-Stinean, Alexandra-Iulia	GWO-Based Optimal Tuning of Controllers for Shape Memory Alloy Wire Actuators	IFAC PAPERSONLINE	http://dx.doi.org/10.1016/j.ifacol.2022.07.605	ELSEVIER	AMSTERDAM	WOS:000852740000007	2022	View Full Record in Web of Science	ISI pep
490	Mir, Farzad; De Sabata, Aldo; Matekovits, Ladislav	Multiband Tunable FSS structure with using feeding network microstrip lines based on Microwave Circuit	2022 3RD URSI ATLANTIC AND ASIA PACIFIC RADIO SCIENCE MEETING (AT-AP-RASC)	10.23919/AT-AP-RASC54737.2022.9814323	IEEE	NEW YORK	WOS:000848420400159	2022	View Full Record in Web of Science	ISI pep
491	Potra, Sabina Alina; Alptekin, Hazal Duman; Pugna, Adrian; Kucun, Nihan Tomris; Ozkara, Behcet Yalin; Pop, Madalin-Dorin	Challenges in Testing the Kano Model's Validity through Computer-Assisted Human Behaviour Analysis	2022 IEEE TECHNOLOGY AND ENGINEERING MANAGEMENT CONFERENCE (TEMSCON EUROPE)	http://dx.doi.org/10.1109/TEMSCON EUROPE54743.2022.9801928	IEEE	NEW YORK	WOS:000851402000014	2022	View Full Record in Web of Science	ISI pep
492	Andone, Diana; Vasiu, Radu; Bogdan, Razvan; Mihaescu, Vlad; Vert, Silviu; Iovanovic, Alexandra; Ciupe, Valentin; Dragan, Florin	International Innovative Labs - I-Living Labs	PROCEEDINGS OF THE 2022 IEEE GLOBAL ENGINEERING EDUCATION CONFERENCE (EDUCON 2022)	http://dx.doi.org/10.1109/EDUCON52537.2022.9766823	IEEE	NEW YORK	WOS:000836390500216	2022	View Full Record in Web of Science	ISI pep
493	Dimb, Alexandru-Lucian; Duma, Virgil-Florin	Simulations of secondary scan patterns produced by laser scanners with a pair of rotational Risley prisms	ADVANCES IN 30M: OPTO-MECHANICS, OPTO-MECHANICS, AND OPTICAL METROLOGY	http://dx.doi.org/10.1117/12.2603094	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000838058200009	2022	View Full Record in Web of Science	ISI pep

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494	Dimb, Alexandru-Lucian; Duma, Virgil-Florin	Simulations and experiments of laser scanning with a pair of rotational Risley prisms	ADVANCES IN 30M: OPTO-MECHANICS, OPTO-MECHANICS, AND OPTICAL METROLOGY	http://dx.doi.org/10.1117/12.2602825	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000838058200008	2022	View Full Record in Web of Science	ISI pcp
495	Erdelyi, Ralph-Alexandru; Duma, Virgil-Florin; Sinescu, Cosmin; Dobre, George; Bradu, Adrian; Podoleanu, Adrian Gh	Complementarity of OCT and radiography for imaging investigations in dentistry	ADVANCES IN 30M: OPTO-MECHANICS, OPTO-MECHANICS, AND OPTICAL METROLOGY	http://dx.doi.org/10.1117/12.2588676	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000838058200001	2022	View Full Record in Web of Science	ISI pcp
496	Maroiu, Alexandra-Cristina; Sinescu, Cosmin; Duma, Virgil-Florin; Topala, Florin; Jivanescu, Anca; Popovici, Paul Mircea; Tudor, Anca; Rominu, Mihai	Crenelated versus Conventional Ceramic Dental Veneers: Microscopy and Micro-CT Evaluations of Marginal and Internal Fit to Tooth Surface	ADVANCES IN 30M: OPTO-MECHANICS, OPTO-MECHANICS, AND OPTICAL METROLOGY	http://dx.doi.org/10.1117/12.2607522	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000838058200013	2022	View Full Record in Web of Science	ISI pcp
497	Neagu, Carina Sonia; Cojocariu, Andreea Codruta; Zaharia, Cristian; Rominu, Mihai; Negrutu, Meda-Lavinia; Duma, Virgil-Florin; Sinescu, Cosmin	The evaluation of dental adhesives augmented with magnetic nanoparticles	ADVANCES IN 30M: OPTO-MECHANICS, OPTO-MECHANICS, AND OPTICAL METROLOGY	http://dx.doi.org/10.1117/12.2613382	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000838058200015	2022	View Full Record in Web of Science	ISI pcp
498	Serban, Christa; Nteroli, Gianni; Craciunescu, Emanuela L.; Negrutu, Meda L.; Serban, Helmine; Duma, Virgil F.; Bradu, Adrian; Podoleanu, Adrian; Sinescu, Cosmin	Methods for dental shade determination	LASERS IN DENTISTRY XXVIII	http://dx.doi.org/10.1117/12.2606721	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:000825395000005	2022	View Full Record in Web of Science	ISI pcp
499	Borlea, Ioan-Daniel; Precup, Radu-Emil; Borlea, Alexandra-Bianca	Improvement of K-means Cluster Quality by Post Processing Resulted Clusters	8TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND QUANTITATIVE MANAGEMENT (ITQM 2020 & 2021): DEVELOPING GLOBAL DIGITAL ECONOMY AFTER COVID-19	http://dx.doi.org/10.1016/j.procs.2022.01.009	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:000765802100008	2022	View Full Record in Web of Science	ISI pcp
500	Roman, Raul-Cristian; Precup, Radu-Emil; Hedrea, Elena-Lorena; Pretil, Stefan; Zamfirache, Iuliu Alexandru; Bojan-Dragos, Claudia-Adina; Petriu, Emil M.	Iterative Feedback Tuning Algorithm for Tower Crane Systems	8TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND QUANTITATIVE MANAGEMENT (ITQM 2020 & 2021): DEVELOPING GLOBAL DIGITAL ECONOMY AFTER COVID-19	http://dx.doi.org/10.1016/j.procs.2022.01.020	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:000765802100020	2022	View Full Record in Web of Science	ISI pcp
501	Craciun, Narcis Gratian; Lovasz, Erwin Christian; Sticlaru, Carmen	Study of Cooling Systems for Electronic Components Used in Robot Applications	PROCEEDINGS OF I4SDG WORKSHOP 2021: IFTOMM FOR SUSTAINABLE DEVELOPMENT GOALS	http://dx.doi.org/10.1007/978-3-030-87383-7_35	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000772657100035	2022	View Full Record in Web of Science	ISI pcp
502	Oarcea, Alexandru; Luputi, Antonio Marius Flavius; Cobilean, Victor; Stan, Sergiu-Dan; Lovasz, Erwin-Christian	Kinematic Performance Analysis of a 3 R(R)P(under-bar)RGR Planar Parallel Robot	PROCEEDINGS OF I4SDG WORKSHOP 2021: IFTOMM FOR SUSTAINABLE DEVELOPMENT GOALS	http://dx.doi.org/10.1007/978-3-030-87383-7_50	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000772657100050	2022	View Full Record in Web of Science	ISI pcp
503	Radu, Dorin; Bancila, Radu; Boldus, Dorel; Sedmak, Simon; Arandelovic, Mihajlo	Solution for consolidation and retrofitting a historical steel bridge	4TH INTERNATIONAL CONFERENCE ON STRUCTURAL INTEGRITY (ICSI 2021)	http://dx.doi.org/10.1016/j.prostr.2022.02.008	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:000766311100100	2022	View Full Record in Web of Science	ISI pcp
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505	Anca-Maria Iliescu; Alexandru Iovanovici; Mircea Vladutiu	Supervised learning data preprocessing for short-term traffic flow prediction	2022 IEEE 16th International Scientific Conference on Informatics (Informatics)	10.1109/Informatics57926.2022.10083399	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10083399	IEEE pcp
506	Keshav Sewraj; Bhamini Sreekeessoon; Emilia Dobrin; Kaleem Khodabux; Lekham Singh Latchoornun	An Evaluation of the Rooftop Technical Solar Potential to Meet the Challenges of Electric Vehicles Uptake in Mauritius	2022 7th International Conference on Environment Friendly Energies and Applications (EFEA)	10.1109/EFEA56675.2022.10063801	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10063801	IEEE pcp
507	Larisa Szatmari; Lucian Prodan; Alexandru Iovanovici; Dacian Avramoni	Road Intersection Optimization with Resource-Constrained Metaheuristic: A Case Study	2022 IEEE 20th Jubilee International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY56759.2022.10036312	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10036312	IEEE pcp
508	Marius Tataru; Silviu Berzescu; Silviu Vert; Vlad Mihaescu; Radu Stamatoiu; Radu Vasiu	Designing Applications for Collaborative Learning in Virtual Reality	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010175	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010175	IEEE pcp
509	Ciprian Orhei; Lucian Radu; Muguras Mocofan; Silviu Vert; Radu Vasiu	Urban landmark detection using A-KAZE features and vector of aggregated local descriptors	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10009951	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009951	IEEE pcp
510	Dumitru Daniel Bonciog; Valentin Laurentiu Ordochi; Mihaela Ruxandra Lascu; Liliana Măjiu-Iovan; Dan Cristian Ciobanu	Software Optimization used to Automate Decellularization	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010027	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010027	IEEE pcp
511	Marian D. Baci; Eugenia A. Capota; Cristina S. Stăngăci; Cristian-Daniel Curiaș; Mihai V. Micea	Multi-Core Time-Triggered OCBP-Based Scheduling for Mixed Criticality Periodic Task Systems	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10009958	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009958	IEEE pcp
512	Georgiana Simion; Cătălin Daniel Căleanu; Marian Bucos; Bogdan Drăgulescu	Grouping farmers using agglomerative clustering on data generated from statistics	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010248	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010248	IEEE pcp
513	Rares Trip; Andrei-Marius Silaghi; Adrian Buta; Aldo De Sabata	TEM Cell Measurements in Automotive EMC: A Case Study	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010216	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010216	IEEE pcp
514	Florin-Daniel Sandru; Vlad-Ilie Ungureanu; Ioan Silea	Vertical-cavity surface-emitting laser (VCSEL) based distance sensing for parking assistance	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010256	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010256	IEEE pcp
515	Ramona-Teodora Vaduva; Delia-Anca Botila; Dan Lascu	A New Slight Step-Up Quadratic Boost Converter	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010025	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010025	IEEE pcp
516	Zubcu Sergiu-Julian; Papazian Petru; Babaita Mircea	FPGA Based IEEE 1451 Compliant Smart Power Supply Controller	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010033	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010033	IEEE pcp
517	Delia-Anca Botila; Ioana-Monica Pop-Calimanu; Dan Lascu	Cubic Buck-Boost Converter with High Step-Up Capability	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010074	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010074	IEEE pcp
518	Alex-Ionut Molcut; Septimiu Lica; Ioan Lie	Cybersecurity for Embedded Systems: A review	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10009944	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009944	IEEE pcp
519	Raul Ionel; Anca-Ioana Dărăbuș; Cătălin Căleanu	Normalized Cross Correlation based Solution for Automated Optical Inspection during Boundary Scan Testing	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010155	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010155	IEEE pcp
520	Corina Nafoarnita; Alexandru Isar; Ioan Nafoarnita	Image Denoising Using the Hurst Exponent: A Fusion Based Approach	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010094	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010094	IEEE pcp
521	Krista Schmied; Georgiana Simion; Cătălin Daniel Căleanu	Preliminary Results on Contrast Enhanced Ultrasound Video Stream Diagnosis Using Deep Neural Architectures	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010032	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010032	IEEE pcp
522	Nicolae Miclau; Melinda Vajda; Daniel Ursu; Marinela Miclau	Preliminary investigation of dye-sensitized solar cells for an optoelectronic neural network with zero electric power consumption	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010323	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010323	IEEE pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
523	Alexandru Bobaru;Corina Naforita;George Copacean;Vladimir Cristian Vesa	Unsupervised Online Vertical Misalignment Detection Algorithm for Automotive Radar	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10009999	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009999	IEEE pcp
524	Gordana Barb;Flavius Danuti;Mohamed Amine Ouamri;Marius Oteteanu	Analysis of Vegetation and Penetration Losses in 5G mmWave Communication Systems	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10009963	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009963	IEEE pcp
525	Cristina Maria Andras;Gordana Barb;Cornel Balint;Florin Alexa	Congestion Study of Transport Layer in DL 5G Communication Systems	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010331	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010331	IEEE pcp
526	Marina Adriana Mercioni;Stefan Holban	Prediction of Machine Temperature System Failure Using a Novel Activation Function	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010046	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010046	IEEE pcp
527	Gabriela-Madalina Jude;Ioana-Monica Pop-Calimanu	A Novel Hybrid Quadratic Buck Converter	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010225	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010225	IEEE pcp
528	Danut Rotar;Teodor Petrița;Florin Alexa	RISC-V based HW accelerator	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010137	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010137	IEEE pcp
529	Andy Vesa;Călin Simu	Performances of Uniform Sensor Array Antenna in case of DoA estimation using the MUSIC Algorithm	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010112	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010112	IEEE pcp
530	Dorian Ioan Costean;Septimiu Mischic	BLE Network Sensors with IoT Capability	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010090	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010090	IEEE pcp
531	Ștefăniță-Alexandru Albu;Ioana-Monica Pop-Calimanu	A Step-Down Hybrid Converter With Unequal Inductor	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010198	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010198	IEEE pcp
532	Roland Szabo;Radu-Stefan Ricman	Using a Radio Remote Controller to Operate a Rover and Robotic Arm Combo	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10009937	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009937	IEEE pcp
533	Cristina Stoilescu-Crisan;Janos Gal	A Home Energy Management System	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10009984	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009984	IEEE pcp
534	Andrei-Marius Silaghi;Aldo De Sabata;Ladislav Matekovits	Design of All Dielectric Frequency Selective Surfaces	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010290	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010290	IEEE pcp
535	Mohamed Amine Ouamri;Gordana Barb;Daljeet Singh;Florin Alexa	Load Balancing Optimization in Software-Defined Wide Area Networking (SD-WAN) using Deep Reinforcement Learning	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010335	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010335	IEEE pcp
536	Georgiana Țucudean;Marian Bucos	The Use of Data Augmentation as a Technique for Improving Fake News Detection in the Romanian Language	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010213	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010213	IEEE pcp
537	Alexandru-Raul Boglut;Cătălin Daniel Căleanu	A Brief Overview on 3D Perception using Deep Neural Networks for Automotive	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10009949	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10009949	IEEE pcp
538	Mihai Ursan;Marian Bucos	Predictive Analytics Models for Student Admission to Master Programs in Romania	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010056	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010056	IEEE pcp
539	Alex-Gabriel Gherman;Marius Marcu	Instrumentation and Analysis of Handover in Wi-Fi Networks	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010306	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010306	IEEE pcp
540	Brigitte Schweisthal;Mihaela Lascu	Semantic Segmentation of Diabetic Retinopathy Imaging	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010170	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010170	IEEE pcp
541	Christian-Daniel Curiaș;Mihai Micea	Evaluating Research Trends Using Key Term Occurrences and Multivariate Mann-Kendall Test	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010222	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010222	IEEE pcp
542	Daniela Ionescu;Maria Kovaci	Study of the new polymer coatings exhibiting hydrophobic / hydrophilic interactions	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010113	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010113	IEEE pcp
543	Benjamin Rozsa;Muguras Mocořan	TV News Database Indexing System with Video Structure Analysis, Representative Images Extractions and OCR for News Titles	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010319	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010319	IEEE pcp
544	Daniel Belega;Septimiu Mischic	Evaluation of the Dynamic Performance of an USB Oscilloscope	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010325	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010325	IEEE pcp
545	Ionut-Robert Badoi;Ioan Lie	Automatic Waste Segregation System	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC5621.3.2022.10010184	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10010184	IEEE pcp
546	Paul Țoța;Mircea-Florin Vaida;Gelu Ovidiu Tiran;Sebastian Mariș	Telepresence Robot Used in Educational Applications	2022 E-Health and Bioengineering Conference (EHB)	10.1109/EHB55594.2022.9991637	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9991637	IEEE pcp
547	Bogdan Pop;Cristian Moldovan;Florin Florescu;Ioan Emil Popescu	Study of Latency for a Teleoperation System with Video Feedback using Wi-Fi and 4G-LTE Networks	2022 International Conference on Communications, Information, Electronic and Energy Systems (CIEES)	10.1109/CIEES570.4.2022.9990726	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9990726	IEEE pcp
548	Dan L. Lacrama;Antoanela Naaji;Florentina A. Pintea;Florin Alexa	Development Perspectives in Modern Education	2022 30th Telecommunications Forum (TELFOR)	10.1109/TELFOR56187.2022.9983699	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=983699	IEEE pcp
549	Roland Szabo;Radu-Stefan Ricman	Building a Tic-tac-toe Playing Robotic Arm	2022 30th Telecommunications Forum (TELFOR)	10.1109/TELFOR56187.2022.9983737	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=983737	IEEE pcp
550	Radu-Emil Precup;Elena-Lorena Hedrea;Raul-Cristian Roman;Emil M. Petriu;Claudia-Adina Bojan-Dragoș;Alexandra-Iulia Szedlak-Stinean;Ciprian Hedrea	Evolving Fuzzy and Tensor Product-based Models for Tower Crane Systems	IFCON 2022 – 48th Annual Conference of the IEEE Industrial Electronics Society	10.1109/IFCON496.45.2022.9968958	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9968958	IEEE pcp
551	Dan Hulea;Mihăiță Gireadă;Octavian Cornea;Nicolae Muntean	An Improved Bidirectional Hybrid Switched Capacitor Converter	IFCON 2022 – 48th Annual Conference of the IEEE Industrial Electronics Society	10.1109/IFCON496.45.2022.9969058	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9969058	IEEE pcp
552	Raul-Cristian Roman;Radu-Emil Precup;Stefan Preitl;Claudia-Adina Bojan-Dragoș;Alexandra-Iulia Szedlak-Stinean;Elena-Lorena Hedrea	Data-Driven Control Algorithms for Shape Memory Alloys	2022 IEEE Conference on Control Technology and Applications (CTA)	10.1109/CCTA4943.0.2022.9966012	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9966012	IEEE pcp
553	Ion Boldea;Ileana Torac;Adrian Martin;Danut Vitau;Lucian Tutelea	Axially-Laminated-Anisotropic-rotor Reluctance Synchronous Motor characterization: analytical design, key FEM validations and preliminary experiments: 10kW, 2.4-4.8krpm	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	10.1109/PEMC5115.9.2022.9962869	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9962869	IEEE pcp
554	Delia-Anca Botila;Ioana-Monica Pop-Calimanu;Dan Lascu	Switched-Capacitor Boost Converter for Low Step-Up Applications	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	10.1109/PEMC5115.9.2022.9962838	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9962838	IEEE pcp
555	Gabriela-Madalina Jude;Ioana-Monica Pop-Calimanu;Dan Lascu	A Novel Fourth-Order Buck-Boost Converter	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	10.1109/PEMC5115.9.2022.9962844	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9962844	IEEE pcp
556	Ileana Torac;Lucian Tutelea;Ion Boldea	High performance small ALA-rotor reluctance synchronous motor: preliminary design for variable speed with key FEM validation	2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC)	10.1109/PEMC5115.9.2022.9962915	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9962915	IEEE pcp
557	Claudiu Șolea;Dumitru Toader;Maria Vințan;Marian Grecocici;Daniela Vesa;Idiko Tatai	Framework for distribution network modelling and fault simulation using MATLAB	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	10.1109/EPE56121.2022.9959758	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9959758	IEEE pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
558	Ciprian Sorandaru;Mihaela-Codruta Ancuti;Sorin Musuroi;Marcus Svoboda;Valentin Muller;Mihai Geza Erdodi;Emil Ronald Edu	Fundamental Issue for Wind Power Systems Operating at Variable Wind Speeds: the Dependence of the Optimal Angular Speed on the Wind Speed	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	10.1109/EPE56121.2022.9959751	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=959751	IEEE pcp
559	Felicia Băloiu;Adrian Pană;Alexandru Băloiu;Florin Molnar-Matei	Medium Voltage Network Modeling for the Integration of Renewable Sources	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	10.1109/EPE56121.2022.9959838	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=959838	IEEE pcp
560	Topor Marcel;Deaconu Sorin Ioan	Design of an Electronic Direct Drive Automotive Differential using Axial Flux PMSM with Sensorless Direct Torque and Flux Control	2022 International Conference and Exposition on Electrical And Power Engineering (EPE)	10.1109/EPE56121.2022.9959740	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=959740	IEEE pcp
561	Iulia-Eliza Tinea;Julian-Ionut Ailinei;Arjana Davidescu	Printed Circuit Board Orthotropic Material Calibration for Static and Dynamic Loading	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)	10.1109/ESTCS572.0.2022.9939509	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=939509	IEEE pcp
562	Corina Covaci;Florin Burza;Tamas Krausz	MLCC Acoustic Noise Mitigation via Appropriate Design	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)	10.1109/ESTCS572.0.2022.9939506	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=939506	IEEE pcp
563	Philip Coandă;Mădălin Vasile Moise;Paul Mugur Svasta;Daniel Constantin Comeagă;Cosmin Moisa	TIE-M - Promoting Learning with Competition	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)	10.1109/ESTCS572.0.2022.9939530	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=939530	IEEE pcp
564	Carmen Lazau;Cornelia Bandas;Mircea Nicolaescu;Corina Orha;Aniela Pop	A facile dip-coating process graphene-TiO2 on titanium foil for hybrid electrode fabrication	2022 International Semiconductor Conference (CAS)	10.1109/CAS56377.2022.9934754	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=934754	IEEE pcp
565	Corina Orha;Mircea Nicolaescu;Cornelia Bandas;Carmen Lazau;Anamaria Baciu;Florica Manea	Comparative morpho-structural and electrochemical characterization of the La and F doped porous Ti/SnO2 dimensionally stable anodes	2022 International Semiconductor Conference (CAS)	10.1109/CAS56377.2022.9934122	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=934122	IEEE pcp
566	Mihaela Codruta Ancuti;Ciprian Sorandaru;Sorin Musuroi;Meda Alexandra Lazăr;Alin Marius Stanciu;Razvan Ancuti	Power Estimation Algorithm for High-Power Wind Turbines with Time Variable Wind Speed	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919593	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919593	IEEE pcp
567	Ciprian Sorandaru;Sorin Musuroi;Mihaela Codruta Ancuti;Razvan Ancuti;Alin Marius Stanciu;Meda Alexandra Lazăr	Considerations Regarding The Perturb And Observe Method To Control High-Power Wind Systems Operating At Variable Wind Speeds	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919526	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919526	IEEE pcp
568	Ioan Călin Gozman-Pop;Sorin Răzvan Constantin;Andrei Bosancu;Eduard Nicusor Oanta;Costel Lucian Berce;Liviu Bereteu	Modal and Experimental Analysis of Satellites used for Side-Airbag System	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919467	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919467	IEEE pcp
569	Cezara-Liliana Rat;Octavian Proștean;Ioan Filip;Cătălin Ichim-Burlacu	Boost Converter Modeling and Control based on its Role within a Microgrid	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919444	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919444	IEEE pcp
570	Claudiu Voica;George Belgiu;Ioan Călin Gozman-Pop;Robert Parmanche;Andrei Bosancu;Liviu Bereteu	Theoretical, Numerical and Experimental Investigations of Overhang Effect on a Cutting Tool Natural Frequencies	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919523	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919523	IEEE pcp
571	Mădălina Sofia Pașca;Bogdan Căruntu;Adriana Albu	A method for determining the analytical solution for Bagley Torvik equations with fractional derivatives	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919569	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919569	IEEE pcp
572	Dorin Bordeaeșu;Octavian Proștean;Cristian Vașar;Ali Debeș	Load Comparison Between Two Controlling Strategies for Wind Energy Conversion System Power-Boosting	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919466	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919466	IEEE pcp
573	Antonio M. F. Luputi;Marius Babescu;Horia Ciocărlie	The Dependence Between Power of the Electric Generator and Variable Wind Speed	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919592	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919592	IEEE pcp
574	Bogdan Ilie Sigheneac;Rareș Ion Stanciu;Cătălin Daniel Căleanu	Pedestrian Trajectory Prediction in Graph Representation Using Convolutional Neural Networks	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919494	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919494	IEEE pcp
575	Ioan Lucan Orășan;Ciprian Seiculescu;Cătălin Daniel Căleanu	Benchmarking TensorFlow Lite Quantization Algorithms for Deep Neural Networks	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919465	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919465	IEEE pcp
576	Alexandru Rat;Cristina Stangaciu;Mihai Micea	Energy Consumption Analysis for Raspberry Pi Based Smart Mirrors and Proposed Solutions	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919550	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919550	IEEE pcp
577	Adela Neamtu;Dorin Simoiu;Andreea Raluca Ursu;Liviu Bereteu	Analysis of the Relaxation Effect by Vibrations on Some Rheological Models of Tissues	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919537	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919537	IEEE pcp
578	Alexandru Topirceanu;Mihai Udrescu	On cost-effective strategies for opinion diffusion in complex networks	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919571	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919571	IEEE pcp
579	Marina-Adriana Mercioni;Stefan Holban	Weather Forecasting Modeling Using Soft-Clipping Swish Activation Function	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919575	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919575	IEEE pcp
580	Gheorghe-Daniel Andreescu;Razvan Petcu	Sensorless Control of PMSM Based on Active Flux Observer and MRAS Stator Resistance Identification	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919515	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919515	IEEE pcp
581	Sebastian Mihai Ardelean;Mihai Udrescu	Circuit level implementation of the Reduced Quantum Genetic Algorithm using Qiskit	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919519	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919519	IEEE pcp
582	Ciprian Orhei;Radu Vasu	Image sharpening using dilated filters	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919568	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919568	IEEE pcp
583	Miruna-Maria Damian;Radu-Emil Precup	Signal Preprocessing and Artifact Removal for Brain-Computer Interfaces	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919582	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919582	IEEE pcp
584	Eduard Gumbinger;Marius Marcu	NoSQL Performance Analysis in Android Apps	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919443	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919443	IEEE pcp
585	Flavius-Catalin Paulescu;Radu-Emil Precup	Fuzzy Models for a Two-Wheeled Self-Balancing Robot	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919555	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919555	IEEE pcp
586	Adrian Bublea;Cătălin Daniel Căleanu	AutoML and Neural Architecture Search for Gaze Estimation	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919471	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919471	IEEE pcp
587	Delia Moga;Ioan Filip	Role of Artificial Intelligence Techniques in Active Safety using Image Processing for Autonomous Driving Vehicles	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919513	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=919513	IEEE pcp

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588	Petrisoara Golimba;Loredana Stanciu	Android Application to Support Communication Between Romanian Hearing and Deaf Peoples	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919511	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9919511	IEEE pcp
589	Omar Mohamed;Ciprian-Bogdan Chirila	Towards malware detection based on performance counters using deep learning classification models	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919602	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9919602	IEEE pcp
590	Razvan Petcu;Gheorghe-Daniel Andreescu	Two-Wheeled Inverted-Pendulum Self-Balancing Robot with LQR or PID Control	2022 IEEE 10th Jubilee International Conference on Computational Cybernetics and Cyber-Medical Systems (ICCC)	10.1109/ICCC2022.55925.2022.9922862	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9922862	IEEE pcp
591	Cristina Mihaela Dragan	Automotive electrical validation thermal tests analysis	2022 21st IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (Therm)	10.1109/Therm54085.2022.9899507	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9899507	IEEE pcp
592	Andrei-Marius Silaghi;Aldo De Sabata;Ladislaw Matekovits;Adrian-Petru Buta	Ultra-Wide Band Frequency Selective Surface: design and experimental verification of performances for wide incident angle	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA)	10.1109/ICEAA49419.2022.9899941	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9899941	IEEE pcp
593	Farzad Mir;Ladislaw Matekovits;Aldo De Sabata	Conversion from LP to CP by a tunable FSS with Embedded Microstrip Lines as Feeding Network	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA)	10.1109/ICEAA49419.2022.9899950	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9899950	IEEE pcp
594	Lida Kouhalvandi;Ladislaw Matekovits	A Case Study for Improving Performance of Frequency Selective Surface through Union of Sub-Sets and Particle Swarm Optimization	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA)	10.1109/ICEAA49419.2022.9899878	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9899878	IEEE pcp
595	Aldo De Sabata;Ladislaw Matekovits;Andrei-Marius Silaghi;Lida Kouhalvandi	Absorber Based on a Frequency Selective Surface Built on FR4 Substrate	2022 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (AP-S/URSI)	10.1109/AP-S/USNC-URSI47032.2022.9886569	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9886569	IEEE pcp
596	Radu-Emil Precup;Elena-Lorena Hedrea;Raul-Cristian Roman;Emil M. Petriu;Claudia-Adina Bojan-Dragos;Alexandra-Iulia Szedlak-Stinean;Flavius-Catalin Paulescu	AVOA-Based Tuning of Low-Cost Fuzzy Controllers for Tower Crane Systems	2022 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)	10.1109/FUZZ-IEEE55066.2022.9882748	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9882748	IEEE pcp
597	Alexandra-Bianca Borlea;Timotei Lala;Mircea-Bogdan Radac	A hierarchical learning approach for generalized trajectory tracking validated on a magnetic bearing system	2022 International Conference on Electrical, Computer and Energy Technologies (ICECET)	10.1109/ICECET5527.2022.9872586	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9872586	IEEE pcp
598	Alexandra-Bianca Borlea;Mircea-Bogdan Radac	A hierarchical learning framework for generalizing tracking control behavior of a laboratory electrical system	2022 IEEE 17th International Conference on Control & Automation (CCA)	10.1109/ICCA5472.4.2022.9831942	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9831942	IEEE pcp
599	Lucian Mihaescu;Gheorghe Lăzăroiu;Rodica-Manuela Grigoriu;Laura Stănescu;Mihai Dragne;Gabriel P. Negreanu;Ionel Balcu;Cornel Panait	An analysis of the efficiency of flue gases energy potential conversion through methanation	2022 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	10.1109/EEAE53789.2022.9831228	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9831228	IEEE pcp
600	Catalin Pescari;Andrei-Marius Silaghi;Aldo De Sabata;Ciprian Bleoju	On Using EMC Simulation for Solving Power Integrity Issues	2022 14th International Conference on Communications (COMM)	10.1109/COMMS4429.2022.9817274	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9817274	IEEE pcp
601	Ana Ghiulai;Gordana Barb;Florin Alexa;Marius Oesteanu	Downlink Interference Measurement in 4G/5G Systems with Dynamic Spectrum Sharing	2022 14th International Conference on Communications (COMM)	10.1109/COMMS4429.2022.9817351	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9817351	IEEE pcp
602	Alexandru Bobaru;Corina Nafornta;Vladimir Cristian Vesa	Unsupervised Online Horizontal Misalignment Detection Algorithm for Automotive Radar	2022 14th International Conference on Communications (COMM)	10.1109/COMMS4429.2022.9817178	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9817178	IEEE pcp
603	Gordana Barb;Cristina Andras;Cornel Balint	Performance Analysis of Transport Layer Congestion on 5G Systems	2022 14th International Conference on Communications (COMM)	10.1109/COMMS4429.2022.9817358	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9817358	IEEE pcp
604	Sabina Alina Potra;Hazal Duman Alptekin;Adrian Pugna;Nihan Tomris Küçün;Behçet Yalın Özkara;Mădălin-Dorin Pop	Challenges in Testing the Kano Model's Validity through Computer-Assisted Human Behaviour Analysis	2022 IEEE Technology and Engineering Management Conference (TEMSCON EUROPE)	10.1109/TEMSCONEUROPE54743.2022.9801928	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9801928	IEEE pcp
605	Ioana Albișoru;Mirabela Ursu;Horațiu Moldovan;Marius Marcu	Prediction of user interruptions generated by mobile communication media and evaluating the impact of interruption	2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI)	10.1109/SAMI5427.1.2022.9780711	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9780711	IEEE pcp
606	Dacian Avramoni;Alexandru Iovanovici;Anca-Maria Iliencescu;Lucian Prodan	Short term traffic congestion prediction using publicly available traffic data: a case study on Timisoara	2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI)	10.1109/SAMI5427.1.2022.9780813	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9780813	IEEE pcp
607	Păcurariu Marco;Marius Marcu	Impact of the persistence layer on performance and architecture for a Java web application	2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI)	10.1109/SAMI5427.1.2022.9780780	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9780780	IEEE pcp
608	Diana Andone;Radu Vasii;Razvan Bogdan;Vlad Mihaescu;Silviu Vert;Alexandru Iovanovici;Valentin Ciupe;Florin Dragan	International Innovative Labs – I-Living-Labs	2022 IEEE Global Engineering Education Conference (EDUCON)	10.1109/EDUCON52537.2022.9766823	IEEE			2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9766823	IEEE pcp
609	Andone, Diana; Frydenberg, Mark	Students as Open Educational Resources Co-Creators in the TalkTech Project	2023 IEEE LEARNING WITH MOOCS, LWMOOCS	http://dx.doi.org/10.1109/LWMOOCS58322.2023.10306163	IEEE	NEW YORK	WOS:001298782300023	2023	View Full Record in Web of Science	ISI pcp
610	Mirescu, Rudolf; Tucu, Alexandru; Mircea, Bogdan Raul; Tucu, Dumitru	OCCUPATIONAL RISK MANAGEMENT BY SYSTEMS ERGONOMICS IN MANUFACTURING OF ICE CREAM STICKS	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700047	2023	View Full Record in Web of Science	ISI pcp
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616	Tucu, Dumitru; Malaimare, Gabriel; Les, Vasile; Lontis, Nicolae	PERFORMANCE EVALUATION OF PHOTOVOLTAIC SYSTEM IN CONDITIONS OF INDEPENDENT FARM	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700021	2023	View Full Record in Web of Science	ISI pep
617	Matei, Larisa Georgiana; Voinescu, Andrei-Alin; Suciu, Alexandru; Ghița, Narcis; Fatu, Marius; Garban, Gabriel; Slavici, Titus	NEW SYSTEM OF MANUFACTURING MOLDS USING INDUSTRY 4.0 FOR PELLETS AND BRIQUETTES	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700018	2023	View Full Record in Web of Science	ISI pep
618	Marazan, Vlad; Chis, Codruta; Cozma, Antoanela; Halbac-Cotoara-Zamfir, Rare.	QUANTITATIVE ANALYSIS OF PRECIPITATION AND THE LIAISON WITH AGRICULTURE IN WESTERN ROMANIA	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700015	2023	View Full Record in Web of Science	ISI pep
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620	Lontis, Nicolae; Malaimare, Gabriel; Tucu, Dumitru	STABILITY ANALYSIS OF A TRAILED FARM SPRAYER AGGREGATE BY SIMULATION MODEL	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700005	2023	View Full Record in Web of Science	ISI pep
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622	Kazomir, Emil Calin; Tucu, Dumitru	SAFETY IMPROVEMENT OF INTEGRATED BIOMASS COMBUSTION SYSTEMS BY SIMULATION	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700049	2023	View Full Record in Web of Science	ISI pep
623	Tucu, Alexandru; Pursarea, Anca-Alexandra; Crisan, George Catalin; Marazan, Vlad; Tucu, Dumitru	PERCEPTION OF CONTROL IN MOTIVATING COMPLIANCE WITH OHS REQUIREMENTS IN RURAL SMES	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700048	2023	View Full Record in Web of Science	ISI pep
624	Cozma, Antoanela; Velciov, Ariana; Anghel, Iasmina Madalina; Cozma, Bogdan; Marazan, Vlad	DEVELOPMENT OF CHICKEN EGGSHELLS POWDER AS AGRICULTURAL FERTILIZER AND SOIL CONDITIONER	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023		AGRONOMSKI FAKULTET SVEUCILISTA U ZAGREBU	10000 ZAGREB	WOS:001238475700016	2023	View Full Record in Web of Science	ISI pep
625	Mercioni, Marina Adriana; Caleanu, Catalin Daniel; Sirbu, Cristina Laura	Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using Transformer Neural Network	2023 25TH INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING, SYNASC 2023	http://dx.doi.org/10.1109/SYNASC6133.3.2023.00044	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:001223988300010	2023	View Full Record in Web of Science	ISI pep
626	Faget, Madalina Floriana	ALLOCATION MEASURES IN A VOLATILE MARKET A STUDY CASE FOR SEMICONDUCTORS	BUSINESS LOGISTICS IN MODERN MANAGEMENT, 2023		EKONOMSKI FAKULTET OSJEKU-FAC ECONOMICS OSJEK	OSJEK	WOS:001226680300014	2023	View Full Record in Web of Science	ISI pep
627	Al Daescu, Cosmin; Gonzalez-Liberos, Jaime; Wang, Chao; Elfgren, Lennart; Sas, Gabriel	Demolition of a 65-year-old box-girder prestressed concrete bridge located in Northern Sweden	EUROPEAN ASSOCIATION ON QUALITY CONTROL OF BRIDGES AND STRUCTURES, EUROSTRUCT 2023, VOL 6, ISS 5	http://dx.doi.org/10.1002/cepa.2745	ERNST & SOHN VERLAG ARCHITEKTUR & TECHNISCHE WISSENSCHAFTEN GMBH & CO KG	BERLIN	WOS:001256546000084	2023	View Full Record in Web of Science	ISI pep
628	Saback, Vanessa; Gonzalez-Liberos, Jaime; Daescu, Cosmin; Hojsten, Tommy; Sas, Gabriel	Evaluation of the snow loads on the snow galleries on the Iron Ore Line in Northern Sweden	EUROPEAN ASSOCIATION ON QUALITY CONTROL OF BRIDGES AND STRUCTURES, EUROSTRUCT 2023, VOL 6, ISS 5	http://dx.doi.org/10.1002/cepa.2744	ERNST & SOHN VERLAG ARCHITEKTUR & TECHNISCHE WISSENSCHAFTEN GMBH & CO KG	BERLIN	WOS:001256546000083	2023	View Full Record in Web of Science	ISI pep
629	Lo Monaco, Anna; Grillanda, Nicola; Onescu, Iasmina; Fofu, Mihai; Clementi, Francesco; D'Amato, Michele; Formisano, Antonio; Milani, Gabriele; Mosoarca, Marius	Seismic Assessment of Typical Historical Masonry Churches in Banat region, Romania - Part I	XIX ANIDIS CONFERENCE, SEISMIC ENGINEERING IN ITALY	http://dx.doi.org/10.1016/j.prostr.2023.01.263	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:001198136800261	2023	View Full Record in Web of Science	ISI pep
630	Lo Monaco, Anna; Grillanda, Nicola; Onescu, Iasmina; Fofu, Mihai; Clementi, Francesco; D'Amato, Michele; Formisano, Antonio; Milani, Gabriele; Mosoarca, Marius	Seismic assessment of typical historical masonry churches in the Banat region, Romania - Part II	XIX ANIDIS CONFERENCE, SEISMIC ENGINEERING IN ITALY	http://dx.doi.org/10.1016/j.prostr.2023.01.261	ELSEVIER SCIENCE BV	AMSTERDAM	WOS:001198136800259	2023	View Full Record in Web of Science	ISI pep
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632	De Sabata, Aldo; Zeno-Lipani, Ovidiu; Matekovits, Ladislau; Silaghi, Andrei-Marius	Comparison between Frequency Selective Surfaces with Rectangular and Hexagonal Periodicity Operating as Absorbers	2023 INTERNATIONAL CONFERENCE ON ELECTROMAGNETICS IN ADVANCED APPLICATIONS, ICEAA	http://dx.doi.org/10.1109/ICEAA57318.2023.10297723	IEEE	NEW YORK	WOS:001098971100069	2023	View Full Record in Web of Science	ISI pep
633	Silaghi, Andrei-Marius; Mir, Farzad; De Sabata, Aldo; Matekovits, Ladislau	Study Regarding the Influence of the Biasing Network in Designing a Switchable Frequency Selective Surface	2023 INTERNATIONAL CONFERENCE ON ELECTROMAGNETICS IN ADVANCED APPLICATIONS, ICEAA	http://dx.doi.org/10.1109/ICEAA57318.2023.10297778	IEEE	NEW YORK	WOS:001098971100071	2023	View Full Record in Web of Science	ISI pep
634	Bojan-Dragos, Claudia-Adina; Precup, Radu-Emil; Szedlak-Stinean, Alexandra-Iulia; Roman, Raul-Cristian; Hedrea, Elena-Lorena; Petriu, Emil M.	Sliding Mode and Super-Twisting Sliding Mode Control Structures for SMA Actuators	2023 EUROPEAN CONTROL CONFERENCE, ECC	http://dx.doi.org/10.23919/ECC57647.2023.10178281	IEEE	NEW YORK	WOS:001035589000166	2023	View Full Record in Web of Science	ISI pep
635	Barbulescu, Corneliu; Caiman, Dadiana-Valeria; Nanu, Sorin; Dragomir, Toma-Leonida	Power Supply with Condition Monitoring of the Output Capacitor via Parametric Observer	2023 11TH INTERNATIONAL CONFERENCE ON CONTROL, MECHATRONICS AND AUTOMATION, ICCMA	http://dx.doi.org/10.1109/ICCMA59762.2023.10374759	IEEE	NEW YORK	WOS:001156749200059	2023	View Full Record in Web of Science	ISI pep
636	Costi, Flavia; Onchis, Darian M.; Istin, Codruta; Cozma, Gabriel V.	Explainability-Enhanced Neural Network for Thoracic Diagnosis Improvement	COMPUTER ANALYSIS OF IMAGES AND PATTERNS, CAIP 2023, PT 1	http://dx.doi.org/10.1007/978-3-031-44237-7_4	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001157329400004	2023	View Full Record in Web of Science	ISI pep
637	Ancuti, Codruta O.; Ancuti, Cosmin; De Vleeschouwer, Christophe	IMAGE DEHAZING GUIDED BY LOW-PASS REINFORCED AIRLIGHT	2023 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, ICIP	http://dx.doi.org/10.1109/ICIP49359.2023.10222120	IEEE	NEW YORK	WOS:001106821002067	2023	View Full Record in Web of Science	ISI pep
638	Csukas, Eduard-Sebastian; Demian, Dorin; Duma, Virgil-Florin	Optical choppers: novel approaches for higher chop frequencies	ELECTRO-OPTICAL AND INFRARED SYSTEMS: TECHNOLOGY AND APPLICATIONS XX	http://dx.doi.org/10.1117/12.2687845	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:001127344700030	2023	View Full Record in Web of Science	ISI pep
639	Duma, Virgil-Florin; Duma, Maria-Alexandra	Laser scanners with polygonal mirrors: Optomechanical analysis and design	ELECTRO-OPTICAL AND INFRARED SYSTEMS: TECHNOLOGY AND APPLICATIONS XX	http://dx.doi.org/10.1117/12.2675941	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:001127344700022	2023	View Full Record in Web of Science	ISI pep
640	Tenescu, Andrei; Bercean, Bogdan; Avramescu, Cristian; Marcu, Marius	Lung Nodule Segmentation Using Federated Active Learning	PROCEEDINGS OF THE 16TH ACM INTERNATIONAL CONFERENCE ON PERSASIVE TECHNOLOGIES RELATED TO ASSISTIVE ENVIRONMENTS, PETRA 2023	http://dx.doi.org/10.1145/3594806.3594850	ASSOC COMPUTING MACHINERY	NEW YORK	WOS:001124478300005	2023	View Full Record in Web of Science	ISI pep

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
641	Bercean, Bogdan-Alexandru; Tenescu, Andrei; Avramescu, Cristian; Marcu, Marius	Assisting radiologists with transformer-based fracture detection for chest radiographs	PROCEEDINGS OF THE 16TH ACM INTERNATIONAL CONFERENCE ON PERVASIVE TECHNOLOGIES RELATED TO ASSISTIVE ENVIRONMENTS, PETRA 2023	http://dx.doi.org/10.1145/3594806.3594847	ASSOC COMPUTING MACHINERY	NEW YORK	WOS:001124478300006	2023	View Full Record in Web of Science	ISI pcp
642	Avramescu, Cristian; Tenescu, Andrei; Bercean, Bogdan; Marcu, Marius	Optimization of CT Lung Lobe Segmentation for Edge Inference	PROCEEDINGS OF THE 16TH ACM INTERNATIONAL CONFERENCE ON PERVASIVE TECHNOLOGIES RELATED TO ASSISTIVE ENVIRONMENTS, PETRA 2023	http://dx.doi.org/10.1145/3594806.3594855	ASSOC COMPUTING MACHINERY	NEW YORK	WOS:001124478300037	2023	View Full Record in Web of Science	ISI pcp
643	Tenescu, Andrei; Avramescu, Cristian; Bercean, Bogdan; Marcu, Marius	Averaging ModelWeights Boosts Automated Lung Nodule Detection On Computed Tomography	2023 13TH INTERNATIONAL CONFERENCE ON BIOSCIENCE, BIOCHEMISTRY AND BIOINFORMATICS, ICBBB 2023	http://dx.doi.org/10.1145/3586139.3586147	ASSOC COMPUTING MACHINERY	NEW YORK	WOS:001119030400008	2023	View Full Record in Web of Science	ISI pcp
644	Bercean, Bogdan; Buburuzan, Alexandru; Birhala, Andreea; Avramescu, Cristian; Tenescu, Andrei; Marcu, Marius	Breaking Down Covariate Shift on Pneumothorax Chest X-Ray Classification	UNCERTAINTY FOR SAFE UTILIZATION OF MACHINE LEARNING IN MEDICAL IMAGING, UNSURE 2023	http://dx.doi.org/10.1007/978-3-031-44336-7_16	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001115884500016	2023	View Full Record in Web of Science	ISI pcp
645	Istrate, Gabriel; Negrea, Romeo	q-Overlaps in the Random Exact Cover Problem	ELECTRONIC PROCEEDINGS IN THEORETICAL COMPUTER SCIENCE	http://dx.doi.org/10.4204/EPTCS.389.3	OPEN PUBL ASSOC	SYDNEY	WOS:001099160800004	2023	View Full Record in Web of Science	ISI pcp
646	Frydenberg, Mark; Andone, Diana	Co-Creating Virtual Reality as Open Educational Resources: An Inquiry-Based Thinking Approach	2023 IEEE INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES, ICALT	http://dx.doi.org/10.1109/ICALT58122.2023.00010	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:001094548800004	2023	View Full Record in Web of Science	ISI pcp
647	Mohammadi, Ali; Chulaee, Yaser; Cramer, Aaron M.; Boldea, Ion; Ionel, Dan M.	Axial Flux Permanent Magnet Vernier Machine with Single-wound Dual-stator and Spoke Permanent Magnet Rotor for Electric Vehicle In-wheel Traction	2023 IEEE TRANSPORTATION ELECTRIFICATION CONFERENCE & EXPO, ITEC	http://dx.doi.org/10.1109/ITEC5900.2023.10187109	IEEE	NEW YORK	WOS:001055605500168	2023	View Full Record in Web of Science	ISI pcp
648	Kouhalvandi, Lida; Matekovits, Ladislau; Ozoguz, Serdar	Combination of Pareto Optimal Front with Deep Neural Networks in Optimizing and Enhancing Performance of RF Designs	2023 31ST SIGNAL PROCESSING AND COMMUNICATIONS APPLICATIONS CONFERENCE, SIU	http://dx.doi.org/10.1109/SIU9756.2023.10223987	IEEE	NEW YORK	WOS:001062571000203	2023	View Full Record in Web of Science	ISI pcp
649	Boldea, Ion; Marignetti, Fabrizio; Graber, Giuseppe; Porzio, Mario; Fratelli, Luigi	PM-free electric motor powertrains in road and rail transport: an overview	2023 IEEE INTERNATIONAL CONFERENCE ON ELECTRICAL SYSTEMS FOR AIRCRAFT, RAILWAY, SHIP PROPULSION AND ROAD VEHICLES & INTERNATIONAL TRANSPORTATION ELECTRIFICATION CONFERENCE, ESARS-ITEC	http://dx.doi.org/10.1109/ESARS-ITEC57127.2023.1114849	IEEE	NEW YORK	WOS:001050898300040	2023	View Full Record in Web of Science	ISI pcp
650	Sequeira, H. Brian; Naforima, Corina	SCOPING A DOCUMENT ON RECOMMENDED PRACTICES FOR SYNTHETIC APERTURE RADIONOMETRY	2023 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING WORKSHOPS, ICASSPW	http://dx.doi.org/10.1109/ICASSPW592.2023.10193628	IEEE	NEW YORK	WOS:001046933700172	2023	View Full Record in Web of Science	ISI pcp
651	Roman, Raul-Cristian; Precup, Radu-Emil; Petriu, Emil M.; Muntyan, Mihai; Hedrea, Elena-Lorena	Fictitious Reference Iterative Tuning of Intelligent Proportional-Integral Controllers for Tower Crane Systems	2023 31ST MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION, MED	http://dx.doi.org/10.1109/MED59994.2023.10185866	IEEE	NEW YORK	WOS:001042336800119	2023	View Full Record in Web of Science	ISI pcp
652	Ichim-Burlacu, Catalin; Rat, Cezara-Liliana; Panoiu, Manuela	Improvements On The P&O Method For PV Panels	2023 5TH GLOBAL POWER, ENERGY AND COMMUNICATION CONFERENCE, GPECOM	http://dx.doi.org/10.1109/GPECOM583.64.2023.10175815	IEEE	NEW YORK	WOS:001043011400045	2023	View Full Record in Web of Science	ISI pcp
653	Ichim-Burlacu, Catalin; Rat, Cezara-Liliana; Panoiu, Caius	PV Panel Monitoring Using Arduino And LabVIEW	2023 5TH GLOBAL POWER, ENERGY AND COMMUNICATION CONFERENCE, GPECOM	http://dx.doi.org/10.1109/GPECOM583.64.2023.10175667	IEEE	NEW YORK	WOS:001043011400046	2023	View Full Record in Web of Science	ISI pcp
654	Mir, Farzad; Kouhalvandi, Lida; Ebrahimi, Farshad; Matekovits, Ladislau	MIMO Antenna Optimization: From Configuring Structure to Sizing with the aid of Neural Network	2023 IEEE 16TH DALLAS CIRCUITS AND SYSTEMS CONFERENCE, DCAS	http://dx.doi.org/10.1109/DCAS57389.2023.10130253	IEEE	NEW YORK	WOS:001027182900027	2023	View Full Record in Web of Science	ISI pcp
655	Ocakci, Elif; Draghici, Anca; Niemann, Joerg	Resources Collaboration and Optimization in Industry 4.0 Environments	SMART, SUSTAINABLE MANUFACTURING IN AN EVER-CHANGING WORLD, COMA 22	http://dx.doi.org/10.1007/978-3-031-15602-1_35	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001003480400035	2023	View Full Record in Web of Science	ISI pcp
656	Sirbu, Cristina Laura; Papazian, Petru; Babaita, Mircea	FPGA Implementation of a IEEE 1451 Compliant Transducer Interface Module	2023 33RD INTERNATIONAL CONFERENCE RADIOELEKTRONIKA, RADIOELEKTRONIKA	http://dx.doi.org/10.1109/RADIOELEKTRONIKA57919.2023.10109080	IEEE	NEW YORK	WOS:000990505700053	2023	View Full Record in Web of Science	ISI pcp
657	Szabo, Roland; Ricman, Radu-Stefan	The Creation Method of a Solar Tracker Using the Zyo SoC	2023 33RD INTERNATIONAL CONFERENCE RADIOELEKTRONIKA, RADIOELEKTRONIKA	http://dx.doi.org/10.1109/RADIOELEKTRONIKA57919.2023.10109071	IEEE	NEW YORK	WOS:000990505700044	2023	View Full Record in Web of Science	ISI pcp
658	Desnica, Eleonora; Asonja, Aleksandar; Radovanovic, Ljiljana; Palinkas, Ivan; Kiss, Imre	Selection, Dimensioning and Maintenance of Roller Bearings	31ST INTERNATIONAL CONFERENCE ON ORGANIZATION AND TECHNOLOGY OF MAINTENANCE (OTO 2022)	http://dx.doi.org/10.1007/978-3-031-21429-5_12	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:000921298200012	2023	View Full Record in Web of Science	ISI pcp
659	Sabina Alina Potra;Carina Olenici;Adrian Pavel Pugna;George Belgiu;Lavinia Maria Cernescu	From idea to prototype: Designing a CO2 detection sensor for industrial consumers using the Kano model and QFD's House of Quality	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430582	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430582	IEEE pcp
660	Raul Rotar;Naomi Vartaci;Marius Bălaș;Flavius Opritoiu;Mircea Vlăduțiu	Digital Twin Architecture for an Automated PV System with Self-Testing Capabilities	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430791	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430791	IEEE pcp
661	Huțanu Constantin;Marc Gheorghie	Intelligent green electricity management system	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430896	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430896	IEEE pcp
662	Aurel Gontean;Elisei Ilies;Magdalena Marinca	New Custom Boards for Teaching Digital Design	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10431003	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10431003	IEEE pcp
663	Iulia-Eliza Ținca;Philip Coandă;Tamas Krausz;Iulian-Ionuț Ailincă;Ionuț-Daniel Verzeș;Constantin Popescu;Aurelian Botau;Paul-Mugur Svasta	TIE-M Plus: Promoting Structural Analysis Learning with Competition	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430644	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430644	IEEE pcp
664	Carina Oana Olenici;Adrian Pavel Pugna;Sabina Alina Potra	How to improve the scrap rate in data control modules using the DMAIC model and statistical analysis	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430696	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430696	IEEE pcp
665	Magdalena Marinca;Elisei Ilies;Aurel Gontean;Sziard Bularka;Corneliu Barbulescu	Acoustic Vibration Measurement System based on a Microphone Array	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10431241	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10431241	IEEE pcp
666	Mihai-Vasile Popescu;Alex-Ionuț Molcuț;Septimiu Lica;Ioan Lie	Thermal Energy Harvesting from Small Sources Using Thermoelectric Generators	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430737	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430737	IEEE pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
667	Septimiu Lica,Mihai-Vasile Popescu,Ioan Lie,Dan Lascu	A New Triple-Stacked Step-Up Converter for High-Voltage Gain	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME59799.2023.10430959	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430959	IEEE pcp
668	Raul Rotar,Sorin Liviu Jurj,Noemi-Clara Rohatniovici,Raul Brincovan,Flavius Opritoiu,Mireea Vlăduțu	Improved Flying Probe-Inspired In-Circuit Tester for Practical Laboratory Activities	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME59799.2023.10430652	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10430652	IEEE pcp
669	Alin-Marius Stanciu,Horia Ciocărlie,Carla-Patricia Julean	Product Security: An Overview of Concepts and Challenges	2023 IEEE 21st Jubilee International Symposium on Intelligent Systems and Informatics (SISY)	10.1109/SISY60376.2023.10417906	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10417906	IEEE pcp
670	Bogdan-Alexandru Bercean,Alexandru-Stefan Buburuzan,Andreea Birhala,Andrei Tenescu,Cristian Avramescu,Dan Costachescu,Marius Marcu	Revised Set Prediction Matching for Chest X-ray Pathology Detection with Transformers	2023 IEEE International Conference on Systems, Man, and Cybernetics (SMC)	10.1109/SMC53992.2023.10394376	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10394376	IEEE pcp
671	Dalibor Debrilovic,Razvan Bogdan,Visnja Ognjenovic,Marius Marcu	Analyses on Usage of MLP Regression with WSN Data for Predicting Room Occupancy	2023 IEEE 19th International Conference on Intelligent Computer Communication and Processing (ICCP)	10.1109/ICCP60212.2023.10398671	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10398671	IEEE pcp
672	Alin-Marius Stanciu,Horia Ciocărlie,Carla-Patricia Julean	Electronic Voting System Based on the Blockchain Technology	2023 International Conference on Electrical, Computer and Energy Technologies (ICECET)	10.1109/ICECET58911.2023.10389415	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10389415	IEEE pcp
673	Alin-Marius Stanciu,Horia Ciocărlie	Analyzing Code Security: Approaches and Tools for Effective Review and Analysis	2023 International Conference on Electrical, Computer and Energy Technologies (ICECET)	10.1109/ICECET58911.2023.10389326	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10389326	IEEE pcp
674	Alin-Marius Stanciu,Horia Ciocărlie	Integrating Security into the Software Development Life Cycle: A Systematic Approach	2023 International Conference on Electrical, Computer and Energy Technologies (ICECET)	10.1109/ICECET58911.2023.10389547	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10389547	IEEE pcp
675	Alexandru Raul Boglut,Florin Alexa,Catalin Calcanu,Dan L. Lacrama	An IoT Model for Autonomous Cars	2023 31st Telecommunications Forum (TELFOR)	10.1109/TELFOR59449.2023.10372708	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10372708	IEEE pcp
676	Ali Mohammadi,Yaser Chulacc,Aaron M. Cramer,Ion Boldea,Dan M. Ionel	Parameter Identification, Non-linearity, and Harmonic Effects in a Vernier Machine of the MAGNUM Type	2023 IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCE53617.2023.10362809	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10362809	IEEE pcp
677	Dhruvi Dhairya Patel,Ion Boldea,Babak Fahimi	Bonded Nd-PM Claw-Pole Synchronous Motor Drive for Traction Applications: Benefits and Challenges	2023 IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCE53617.2023.10362865	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10362865	IEEE pcp
678	Liang Huang,Chao Wu,Dao Zhou,Frede Blaabjerg,Ion Boldea,Shan He	A Decomposed Two-Port Network Impedance Modeling Method of Type-3 Wind Generation System with Grid-Forming Control	2023 IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCE53617.2023.10362378	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10362378	IEEE pcp
679	Anzhelika Karavaeva,Sabrina Copelli,Francesco Romagnoli,Larisa Ivasca,Ednildo Andrade Torres,Simina Elena Lakatos	Introducing Principles of Circular Economy into Traditional Energy Sector: Barriers and Prospectives	2023 11th International Conference on ENERGY and ENVIRONMENT (CIEM)	10.1109/CIEM58573.2023.10349713	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10349713	IEEE pcp
680	Kaleem Khodabux,Adrian Daniel Martin,Liviu - Dănuț Vitan,Lucian - Nicolae Tutulea,Krishna Busawon,Ion Boldea	Three-Phase Biaxial Excitation Synchronous Generator (BEGA) Intern. Fault Experimental Characterisation	2023 22nd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346163	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10346163	IEEE pcp
681	Ion Boldea,Ana A. Popa,Lucian N. Tutulea	MAGLEVs – an Overview in 2023	2023 22nd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346121	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10346121	IEEE pcp
682	Marțian Moț,Marian Greconici,Marius Biriescu,Gheorghe Madescu	Experimental Determination of Equivalent Parameters of the Cage Rotor as Slip Functions	2023 22nd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346111	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10346111	IEEE pcp
683	Gabriela-Madalina Pop,Lucia-Daniela Jurca,Ioana - Monica Pop-Calimanu,Dan Lascu	A New Highly Step-Down Quadratic Converter	2023 22nd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346185	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10346185	IEEE pcp
684	Ion Boldea,Ileana Torac,Lucian Tutulea	ALA-Rotor RSG 10MW, 480RPM-Preliminary Design with 2D Key FEM Validations	2023 22nd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346129	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10346129	IEEE pcp
685	Lida Kouhalvandi,Mohammad Afibakhshikenari,Ladislaw Matekovits,Ibraheem Shayaee,Serdar Ozoguz	Future Communication Systems: Toward the Intelligent-based Optimization Approaches	2023 10th International Conference on Wireless Networks and Mobile Communications (WINCOM)	10.1109/WINCOM59760.2023.10322916	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10322916	IEEE pcp
686	Lida Kouhalvandi,Sercan Aygun,Ladislaw Matekovits,Farshad Miramirkhani	Optimizing Indoor Localization Accuracy with Neural Network Performance Metrics and Software-Defined IEEE 802.11az Wi-Fi Set-Up	2023 10th International Conference on Wireless Networks and Mobile Communications (WINCOM)	10.1109/WINCOM59760.2023.10322984	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10322984	IEEE pcp
687	Oana Boncalo,Alexandru Amaricai	Gradient Descent Iterative Correction Unit for Fixed Point Parity Based Codes	2023 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT)	10.1109/DFT59622.2023.10311571	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10311571	IEEE pcp
688	Ana Alexandra Brad,Maria Cristina Brad,Mihai V. Micea	A Comparative Study of Car Tracking Algorithms for Road Traffic Surveillance Applications	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308450	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308450	IEEE pcp
689	Mihai-Alexandru Grosu,Raul Brumar,Stelian Nicola,Horia Ciocărlie	Trigger Systems: Reusability and applicability in Serious Games	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308485	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308485	IEEE pcp
690	Alin Popovici,Valentin Stangaciu	Evaluation of a Time Efficient Medium Access Policy: GTDMA	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308457	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308457	IEEE pcp
691	Adelina-Valentina Cucu,Giuseppe Valenzise,Daniela Stănescu,Ioana Ghergulescu,Lucian Ionel Găină,Bianca Gușțiș	Defense Method against Adversarial Attacks Using JPEG Compression and One-Pixel Attack for Improved Dataset Security	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308520	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308520	IEEE pcp
692	Andrei-Ștefan Bulzan,Cosmin Cernăzanu-Gilvan,Marius-George Marcu	Exploring the Potential of OCR Integration for Object Detection in Invoices	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308505	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308505	IEEE pcp
693	Bianca-Lucia Blajovan,Oana-Sorina Chirilă,Daniela Stănescu,Marius-George Marcu	FoodMedicine - Android-Based Food Recognition App For Guiding Patients With Nutritional Diseases	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308507	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308507	IEEE pcp
694	Florian-Aurelian Krech,Adriana-Ioana Rota,Cristina-Sorina Stangaciu	An Overview of Different Topologies for CoAP Protocol Using Contiki Operating System	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308512	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308512	IEEE pcp
695	Bianca Gușțiș,Lucian Ionel Găină,Daniela Stănescu,Ioana Ghergulescu	Applications of the MPSA Algorithm and CNN for Securing Medical X-Rays	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308514	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308514	IEEE pcp
696	Elena-Lorena Hedrea,Radu-Emil Precup,Raul-Cristian Roman,Ciprian Hedrea	Tensor Product-based and State Feedback Control Solutions for Cart Position Control of Pendulum-Cart Systems	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308467	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308467	IEEE pcp
697	Mihai Traian Andreescu,Călin Daniel Căleanu,Radu Mirșu	A Brief Overview on Deep Learning-Based Person Re-Identification	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308455	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308455	IEEE pcp
698	Flavius Opritoiu,Mireea Vlăduțu	Systolic Array Architecture for Educational Use	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308496	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308496	IEEE pcp
699	Anamaria-Ioana Borlea,Radu-Emil Precup,Raul-Cristian Roman	Two Discrete-Time Data-Driven Sliding Mode Controllers for Tower Crane Systems	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308498	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308498	IEEE pcp

Listă lucrări prezentate la o manifestare științifică internațională, publicate într-un volum indexat Web of Science - Conference Proceedings Citation Index Science (CPCI-S), Conference Proceedings Citation Index-Social Science & Humanities (CPCI-SSH), clasificate IEEE proceedings

Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pcp / IEEE pcp
700	Ciprian-Bogdan Chirila,Ioana Sora	Enumerating class relations weights to assess their importance in a graph representation model for detecting key classes using PageRank	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308446	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10308446	IEEE pcp
701	Ileana Torac,Lucian Tutelea,Ion Boldea	Linear Induction Motor (LIM) Integrated Propulsion and Levitation MAGLEV via Ladder Type Passive Track	2023 14th International Symposium on Linear Drivers for Industry Applications (LDIA)	10.1109/LDIA59564.2023.10297430	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10297430	IEEE pcp
702	Daniel Belega,Dario Petri	Steady-State Phasor Measurement by Means of a Linearized Multiharmonic Sine-Fit Algorithm	2023 IEEE 13th International Workshop on Applied Measurements for Power Systems (AMPS)	10.1109/AMPS59207.2023.10297241	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10297241	IEEE pcp
703	Liviu - Dănuț Vitan, Lucian Tutelea, Adrian - Daniel Martin, Nicolae Muntean, Ion Boldea	Axially laminated anisotropic (ALA) rotor reluctance synchronous motor (RSM): comprehensive experiments characterization	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/ACEMP-OPTIM57845.2023.10287071	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10287071	IEEE pcp
704	Dan Hulea, Mihăiță Gireadă, Octavian Cornea, Nicolae Muntean	A Soft-Switched Wide-Ratio Bidirectional Hybrid Switched-Inductor Converter using Auxiliary Resonant Commutated Poles	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/ACEMP-OPTIM57845.2023.10287073	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10287073	IEEE pcp
705	Sorin-Cristian Agarlar, Andy-Sorin Ișfănuț, Ion Boldea	Active Flux based control of ALA Rotor SynRel with MTPA, Maximum Power Factor and Maximum Torque per Flux	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/ACEMP-OPTIM57845.2023.10287052	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10287052	IEEE pcp
706	Ana-Adela Popa, Andy-Sorin Ișfănuț, Lucian-Nicolae Tutelea, Ion Boldea	Induction Machine V/f Control with Stator Flux and Slip Frequency Compensation for Maximum Power Factor, with Experiments	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/ACEMP-OPTIM57845.2023.10287056	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10287056	IEEE pcp
707	Bogdan Sossian, Razvan Bogdan, Andreas Bild, Marius Marcu	Sun Tracking System For Photovoltaic Panels In The Context Of Smart Cities Applications	2023 IEEE International Smart Cities Conference (ISC2)	10.1109/ISC257844.2023.10293288	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10293288	IEEE pcp
708	Sorin Ioan Deaconu, Radu-Mihnea Babău, Marcel Topor, Feifei Bu	Using the Variable Flow Hydropower Potential of a Drinking Water Supply Pipe of a Small Town	2023 International Conference on Electromechanical and Energy Systems (SIEMEN)	10.1109/SIEMEN59038.2023.10290779	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10290779	IEEE pcp
709	Corina Maria Dinis, Gabriel Nicolae Popa, Raluca Oana Sonia Rob	Experimental Investigations of the Operation of LC Filters Driven by SSRs	2023 International Conference on Electromechanical and Energy Systems (SIEMEN)	10.1109/SIEMEN59038.2023.10290815	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10290815	IEEE pcp
710	Corina Maria Dinis, Gabriel Nicolae Popa, Angela Iagăr	Experimental Investigations of the Operation of Capacitors Driven by SSRs	2023 International Conference on Electromechanical and Energy Systems (SIEMEN)	10.1109/SIEMEN59038.2023.10290802	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10290802	IEEE pcp
711	Cristian-Paul Chioncel, Elisabeta Spuneț, Ovidiu-Gelu Tirian	Influence of the Wind Speed Amplitude on the Energy Captured by a Wind Turbine Operating at Time-Varying Wind Speeds	2023 International Conference on Electromechanical and Energy Systems (SIEMEN)	10.1109/SIEMEN59038.2023.10290146	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10290146	IEEE pcp
712	Cristian-Paul Chioncel, Elisabeta Spuneț, Ovidiu-Gelu Tirian	Optimizing Energy Production for Wind Turbines Operating in Variable Wind Speed Conditions	2023 International Conference on Electromechanical and Energy Systems (SIEMEN)	10.1109/SIEMEN59038.2023.10290143	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10290143	IEEE pcp
713	Alexandra-Iulia Szedlak-Stinean, Radu-Emil Precup, Raul-Cristian Roman, Emil M. Petriu, Elena-Lorena Hedrea	SMA-Based Tuning of PI Controller Using Takagi-Sugeno Fuzzy Observers for an Electromechanical System with Variable Parameters	2023 9th International Conference on Control, Decision and Information Technologies (CoDIT)	10.1109/CoDIT58514.2023.10284125	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10284125	IEEE pcp
714	Michal Vidlak, Sorin Agarlar, Ion Boldea	MTPA Control Strategy for ALA Rotor SynRM Based on Reactive and Apparent Power Calculation under Sensorless V/f Control with Stabilization	2023 International Conference on Electrical Drives and Power Electronics (EDPE)	10.1109/EDPE58625.2023.10274027	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10274027	IEEE pcp
715	Claudia-Adina Bojan-Dragos, Radu-Emil Precup, Raul-Cristian Roman, Emil M. Petriu, Mihai Muntyan	PI and Super Twisting Sliding Mode with Smith Predictor Control Structures for SMA Actuators	2023 IEEE 32nd International Symposium on Industrial Electronics (ISIE)	10.1109/ISIE51358.2023.10227982	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10227982	IEEE pcp
716	Alexandra-Iulia Szedlak-Stinean, Radu-Emil Precup, Raul-Cristian Roman, Emil M. Petriu	Discrete-time Observers for a Mechatronics System with PID Controllers Tuned Using SMA	2023 IEEE 32nd International Symposium on Industrial Electronics (ISIE)	10.1109/ISIE51358.2023.10228083	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10228083	IEEE pcp
717	Andrei Nicolae, Camelia Burlacu, Andrei Stanciu, Adrian Korodi, Bogdan Poșa, Flavius Mihaila	An Industry 4.0 Oriented Predictive Maintenance Solution Deployed in Real-World Automotive Manufacturing Facilities	2023 24th International Conference on Control Systems and Computer Science (CSCS)	10.1109/CSCS59211.2023.000025	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10214883	IEEE pcp
718	Florin-Daniel Sandru, Vlad-Ilie Ungureanu, Ioan Sileu	Ultrasonic and VCSEL sensor fusion for distance measurement in parking assistance	2023 24th International Conference on Control Systems and Computer Science (CSCS)	10.1109/CSCS59211.2023.000015	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10214837	IEEE pcp
719	Ion Boldea, Ileana Torac, Lucian Tutelea	100kW 6-12krpm ALA rotor traction motor: preliminary design with key electromagnetic FEM validation	IEEE EUROCON 2023 - 20th International Conference on Smart Technologies	10.1109/EUROCON56442.2023.10199033	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10199033	IEEE pcp
720	Roland Szabo, Radu-Stefan Ricman	Building a Solar Tracker Robot Controlled by the ZedBoard FPGA Board	2023 46th International Conference on Telecommunications and Signal Processing (TSP)	10.1109/TSP59544.2023.10197776	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10197776	IEEE pcp
721	Andrei-Marius Silaghi, Catalin Pescari, Aldo De Sabato, Ladislau Matekovits	Design of Locally Deformed Flexible Frequency Selective Surfaces	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS8449.2023.10190917	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10190917	IEEE pcp
722	Catalin Pescari, Razvan-Andrei Mal, Andrei-Marius Silaghi	D-PHY Interface Characterization by Means of Signal Integrity Simulation	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS8449.2023.10190971	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10190971	IEEE pcp
723	V.A. Nita, P. Magyar	Smart IoT device for measuring body angular velocity and centralized assessing of balance and control in fencing	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS8449.2023.10190900	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10190900	IEEE pcp
724	Cristina Maria Andras, Claudia-Elisabeta Gruin, Gordana Barb, Cornel Balint, Florin Alexa	5G DL Throughput Measurement using Massive MIMO Channel System Tool with Beamforming	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS8449.2023.10190947	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10190947	IEEE pcp
725	Nicolae Chiosa, Alexandru Baloi	Matlab Simulink Simulation of Faults and Abnormal Operating Regimes in a Medium Voltage Network with Isolated Neutral for the Purpose of Coordinating Protection Settings	2023 10th International Conference on Modern Power Systems (MPS)	10.1109/MPS58874.2023.10187486	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10187486	IEEE pcp
726	Claudiu Solea, Dumitru Teader, Maria Vintan, Marian Grecioni, Daniela Vesa, Ildiko Tatai	The influence of insulation active power losses on the single line-to-ground fault in medium voltage electrical networks with resonant grounding	2023 10th International Conference on Modern Power Systems (MPS)	10.1109/MPS58874.2023.10187515	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10187515	IEEE pcp
727	Angela Iagăr, Gabriel N. Popa, Corina M. Dinis	Evaluating the Collective Impact of Nonlinear Residential and Commercial Equipment on Power Quality	2023 10th International Conference on Modern Power Systems (MPS)	10.1109/MPS58874.2023.10187557	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10187557	IEEE pcp
728	Raul Ionel, Anca-Ioana Dărăbuț, Cătălin Căleanu	Cluster functionality validation by automated optical inspection	2023 24th International Carpathian Control Conference (ICCC)	10.1109/ICCC57093.2023.10178883	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10178883	IEEE pcp
729	Laura-Alina Boanță, Teodor Petrița	A Simple Calibration Generator and Method for PC Soundcards	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES8375.2023.10171711	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171711	IEEE pcp

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730	Lucian-Mihai Micle;Erwin-Christian Lovasz	Facial Reconstruction From An Archeological Starting Point	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171650	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171650	IEEE pcp
731	Marina Adriana Mercioni;Stefan Holban	A Brief Review of the Most Recent Activation Functions for Neural Networks	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171705	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171705	IEEE pcp
732	Elida-Gabriela Tulcan;Carmen Sticlaru;Alexandru Oarcea;Erwin-Christian Lovasz	Medical Disinfection Robots: Past vs Future. Improving the Disinfection Process by Using Disinfection Robots with Folding Mechanism	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171677	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171677	IEEE pcp
733	Alexandru Oarcea;Florin Popister;Paul Ciudin;Michael Christian Salatioan	Development of Smart Orthosis with Real-time Corrective Feedback	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171632	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171632	IEEE pcp
734	Teodor Petrița;Alexandru Marius Silaghi;Florin Alexa	Thinking in Decibels	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171780	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171780	IEEE pcp
735	David Victor Ioan Bota;Teodor Petrița	An Upgrade of MIT SAR Radar Project	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171626	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171626	IEEE pcp
736	Radu C. Lucaciu	Time Series Forecasting And Big Data: Can An Ensemble Of Weak Learners Decrease Costs While Maintaining Accuracy?	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171639	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171639	IEEE pcp
737	Teodor Petrița;Șofete Liviu;Florin Alexa	Measuring Output Resistance of a B Class HF Power Amplifier Using Ebers-Moll Considerations	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171654	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171654	IEEE pcp
738	Dumitru-Daniel Bonciog;Valentin Laurențiu Ordoși;Mihaela-Ruxandra Lascu;Liliana Mățiu-Iovan	Automation of Decellularization Process Using Artificial Neural Networks	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171759	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171759	IEEE pcp
739	Pantea Mircea Dănuț;Codrean Marius;Codrean Mihaela;Fekete-Nagy Luminija;Burea Adrian;Pancu Rareș;Onadi Robert	Study on the Implementation of Heat Pumps for Home Heating with the Help of Solar Energy	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	10.1109/EMES5837.5.2023.10171690	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10171690	IEEE pcp
740	C. Olenici;C. Miclaus;S. Potra;C. Moisa	A Case Study on the Six Sigma Application to Reduce Acoustic Noise Generated by Multi-layer Ceramic Capacitors	2023 46th International Spring Seminar on Electronics Technology (ISSE)	10.1109/ISSE57496.2023.10168386	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10168386	IEEE pcp
741	Marius-Cristian Mareș;Gheorghe Alexandru Mătușă;Adrian Chesim;Daniel Ursu;Ciprian Ionescu;Paul Svasta	Data Analysis for Several Dye-Sensitized Solar Cells Tested at Different Wavelengths and Lighting Conditions	2023 46th International Spring Seminar on Electronics Technology (ISSE)	10.1109/ISSE57496.2023.10168491	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10168491	IEEE pcp
742	Cosmin Moisa;Norocel Codreanu;Paul Svasta;Cătălin Negrea;Mihael Cenușă;Ciprian Ionescu	Extracurricular Environment for Electronics Packaging Knowledge Integration	2023 46th International Spring Seminar on Electronics Technology (ISSE)	10.1109/ISSE57496.2023.10168401	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10168401	IEEE pcp
743	Radu Ștefan Ricman;Magdalena Marina;Elisei Ilies;Șzilard Bularka;Aurel Gontean;Daniel Ursu	Design and Implementation of a Greenhouse Monitoring and Control System	2023 46th International Spring Seminar on Electronics Technology (ISSE)	10.1109/ISSE57496.2023.10168422	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10168422	IEEE pcp
744	Raul Ionel;Anca-Ioana Dărăbăț;Cătălin Căleanu	Considerations on Boundary Scan integration in industrial dedicated test stations	2023 46th International Spring Seminar on Electronics Technology (ISSE)	10.1109/ISSE57496.2023.10168337	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10168337	IEEE pcp
745	Daniel Ursu;Melinda Vajda;Marius-Cristian Mareș;Nicolaie Vasile Miclau;Marinela Miclau;Paul Svasta	Exploring the Photo-Electrochemical Processes of the Parallel Connected DSSCs in Indoor Conditions	2023 46th International Spring Seminar on Electronics Technology (ISSE)	10.1109/ISSE57496.2023.10168443	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10168443	IEEE pcp
746	Philip Coanda;MadaIn Vasile Moise;Daniel Comeaga;Paul Svasta	Electrical Behaviour of MLCC Type 2 Capacitors Under Mechanical Quasi-Static Stress	2023 46th International Spring Seminar on Electronics Technology (ISSE)	10.1109/ISSE57496.2023.10168352	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10168352	IEEE pcp
747	Ioan Filip;Octavian Prosteanc;Josif Szeidert;Dorin Bordeasu;Cristian Vasar	Tuning of a Minimum Variance Control System Based on the Estimated Process Gain	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158537	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158537	IEEE pcp
748	Lucian Popa;Camil Jichici;Tudor Andrica;Pal-Stefan Murvay;Bogdan Groza	Impact of Wiring Characteristics on Voltage-based Fingerprinting in Controller Area Networks	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158572	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158572	IEEE pcp
749	Paul Țoța;Gelu-Ovidiu Tirian;Mircea-Florin Vaide;Sebastian-Daniel Mariș;Romulus-Mircea Terebeș	Mesh Network with Telepresence Robots for Advertising	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158608	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158608	IEEE pcp
750	Mihaela - Codruța AncuȚi;Sorin Mușuroi;Alin - Ilie Stîngu;Cristian-Vasile Lascu	Novel Power Factor Correction Converter Scheme Allowing Bidirectional Power Flow	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158588	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158588	IEEE pcp
751	Raul Robu;Paul Arseni-Ailoi;Dan Ungureanu-Anghel	Using Weka API for creating a custom classification application	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158580	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158580	IEEE pcp
752	Andrei Cristian Haisuc;Ioan-Alexandru Hedes;Darius-Ovidiu Firan;Cristina Stancu;Sergiu Nimara	Bluetooth Sensor Module for Monitoring Indoor Ambient	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158546	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158546	IEEE pcp
753	Maria C. Brad;Ana A. Brad;Mihael V. Micea	Method for Autonomous Lane Detection in Assisted Driving	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158656	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158656	IEEE pcp
754	Adriana Berdich;Patricia Josif;Camelia Burlacu;Alfred Anistoroaei;Bogdan Groza	Fingerprinting Smartphone Accelerometers with Traditional Classifiers and Deep Learning Networks	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158600	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158600	IEEE pcp
755	Florinel Butaru;Mihaela Codruta Ancuti;Geza Mihai Erdodi;Ciprian Sorandaru;Sorin Musuroi;Razvan Ancuti	Wind System Control at Time-Varying Wind Speeds Using the Perturb and Observe Method	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158538	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158538	IEEE pcp
756	Bence Richard Hach;Lucian Ionel Găină;Daniela Stănescu;Bianca Guștă	The impact of age on NBA player's performances: A Data Mining approach	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158605	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158605	IEEE pcp
757	Delia Moga;Ioan Filip	Automotive Scenarios for Trajectory Tracking using Machine Learning Techniques and Image Processing	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158549	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158549	IEEE pcp
758	Cristian Avramescu;Andrei Tenescu;Bogdan Bercean;Marius Marcu	Bounding Box Supervision Benefits Lung Pathology Classification in Pulmonary X-Rays	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158637	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158637	IEEE pcp
759	Ashley Hurrelbrink;Alexandru Topirceanu	On the impact of population density and mobility restrictions in the control of epidemic spreading	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158557	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10158557	IEEE pcp
760	Corina M. Dinis;Gabriel N. Popa;Angela Iagăr	Study of Analogue THD-meters with Notch Filter for Voltage and Current	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	10.1109/ATEE5803.8.2023.10108147	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10108147	IEEE pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	ID WOS	Anul publicării	Link indexare	ISI pep / IEEE pep
761	Claudiu Solea, Dumitru Toader, Maria Vințan, Marian Greonici, Daniela Vesa, Ildiko Tatai	MATLAB Library for Simulation of High Impedance Faults in Distribution Networks and Related Protective Relay Behaviour Analysis	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	10.1109/ATEE5803.8.2023.10108111	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10108111	IEEE pep
762	Florinel Butaru, Ciprian Carstea, Andreea-Ioana Ratiu, Mihaela Codruta Ancuti, Sorin Musuroi	Active Flux Observer-Based High-Speed Control of a Permanent Magnet Synchronous Motor	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	10.1109/ATEE5803.8.2023.10108133	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10108133	IEEE pep
763	Corina M. Dinis, Gabriel N. Popa, Angela Iagăr	Experimental Analysis of Power Quality in a Power Substation Used in a Residential and Educational Sector	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	10.1109/ATEE5803.8.2023.10108346	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10108346	IEEE pep
764	Radu-Emil Precup, Raul-Cristian Roman, Elena-Lorena Hedrea, Emil M. Petriu, Claudia-Adina Bojan-Dragos, Alexandra-Iulia Szedlak-Stinean	Slimo Mold Algorithm-Based Performance Improvement of PD-Type Indirect Iterative Learning Fuzzy Control of Tower Crane Systems	2023 57th Annual Conference on Information Sciences and Systems (CISS)	10.1109/CISS56502.2023.10089708	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10089708	IEEE pep
765	Lavinia Maria Mihali	Technology-Based Spin-offs in Romania: Evaluation of Their Performance in Different Development Stages	2023 15th International Conference on Computer Research and Development (ICCRD)	10.1109/ICCRD56364.2023.10080518	IEEE			2023	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10080518	IEEE pep
766	Mihancea, Petru F.; Driebold, Leif; Blaj, Dorian; Bogdanescu, Mihai I.; Lapadat, R.; Azvan T.; Ciorica, Roxana C.; Onisa, Andrei A.; Zamosteanu, Andreea M.; Bienmuller, Tom	SCRIPTVIEW: BTC EMBEDDEDPlatform® Extension for Test Case Implementation	2024 26TH INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING, SYNASC	http://dx.doi.org/10.1109/SYNASC6538.3.2024.00030	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:001458218400018	2024	View Full Record in Web of Science	ISI pep
767	Ionete, Vlad-Constantin; Marsavina, Cosmin	SUDS: A Simplified U-Net Architecture with Depth-wise Separable Convolutions	2024 26TH INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING, SYNASC	http://dx.doi.org/10.1109/SYNASC6538.3.2024.00038	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:001458218400026	2024	View Full Record in Web of Science	ISI pep
768	Costi, Flavia; Onchis, Darian; Istin, Codruta; Florea, Adina Magda; Hogeia, Eduard	On applying GraphLime for trustworthy diabetes prediction	2024 26TH INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING, SYNASC	http://dx.doi.org/10.1109/SYNASC6538.3.2024.00042	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:001458218400030	2024	View Full Record in Web of Science	ISI pep
769	Gusita, Cristina; Stanescu, Daniela; Gusita, Bianca; Gaina, Lucian Ionel; Ghergulescu, Ioana	A novelty real-time gesture recognition model for air-hand piano playing using MediaPipe	2024 IEEE 20TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, ICCP 2024	http://dx.doi.org/10.1109/ICCP63557.2024.10793028	IEEE	NEW YORK	WOS:001450074600001	2024	View Full Record in Web of Science	ISI pep
770	Krech, Florian-Aurelian; Stangaciu, Cristina-Sorina; Micea, Mihai V.	Sending CAN Flexible Data-Rate Frames in an Automatic Manner to Improve Vehicle Diagnose Processes	2024 IEEE 20TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, ICCP 2024	http://dx.doi.org/10.1109/ICCP63557.2024.10793030	IEEE	NEW YORK	WOS:001450074600010	2024	View Full Record in Web of Science	ISI pep
771	Ali, Salman; Boldea, Ion; Marignetti, Fabrizio; Qadeer, Neelam; Tutela, Lucian; De Santis, Enzo	Double Stator Axial Airgap Spoke-PMSM Performance Investigation for High Torque Density by 3D FEM with a Direct-Drive Powertrain Case Study	2024 IEEE INTERNATIONAL CONFERENCE ON ELECTRICAL SYSTEMS FOR AIRCRAFT, RAILWAY, SHIP PROPULSION AND ROAD VEHICLES & INTERNATIONAL TRANSPORTATION ELECTRIFICATION CONFERENCE, ESARS-ITEC	http://dx.doi.org/10.1109/ESARS-ITEC60450.2024.10.819871	IEEE	NEW YORK	WOS:001450909900118	2024	View Full Record in Web of Science	ISI pep
772	Boldea, Ion; Tutela, Lucian; Popa, Ana Adela; Ali, Salman; Marignetti, Fabrizio; Fratelli, Luigi	A potential 15 kVdc catenary-fed rail induction motor drive at 780 kW, 1.5-3 krpm: preliminary design and key FEM validation	2024 IEEE INTERNATIONAL CONFERENCE ON ELECTRICAL SYSTEMS FOR AIRCRAFT, RAILWAY, SHIP PROPULSION AND ROAD VEHICLES & INTERNATIONAL TRANSPORTATION ELECTRIFICATION CONFERENCE, ESARS-ITEC	http://dx.doi.org/10.1109/ESARS-ITEC60450.2024.10.819771	IEEE	NEW YORK	WOS:001450909900019	2024	View Full Record in Web of Science	ISI pep
773	Ciprini, Luca; Martin, Adrian Daniel; Isfanuti, Andy-Sorin; Tutela, Lucian Nicolae; Marignetti, Fabrizio; Boldea, Ion	Inner claw-pole stator outer PM rotor small synchronous motor/actuator for vehicular service technologies: 3D-FEM simulation and experimental tests	2024 IEEE INTERNATIONAL CONFERENCE ON ELECTRICAL SYSTEMS FOR AIRCRAFT, RAILWAY, SHIP PROPULSION AND ROAD VEHICLES & INTERNATIONAL TRANSPORTATION ELECTRIFICATION CONFERENCE, ESARS-ITEC	http://dx.doi.org/10.1109/ESARS-ITEC60450.2024.10.819884	IEEE	NEW YORK	WOS:001450909900131	2024	View Full Record in Web of Science	ISI pep
774	Duma, Virgil -Florin; Dimb, Alexandru-Lucian; Strojnik, Marij A.	Study of symmetries of scan patterns generated by laser scanners with a pair of rotational Risley prisms [Invited]	INFRARED REMOTE SENSING AND INSTRUMENTATION XXXII	http://dx.doi.org/10.1117/12.3029947	SPIE-INT SOC OPTICAL ENGINEERING	BELLINGHAM	WOS:001483356000021	2024	View Full Record in Web of Science	ISI pep
775	Stana, Adelina; Sora, Ioana	Integrating Logical Dependencies in Software Clustering: A case study on Apache Ant	2024 28TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING, ICSTCC	http://dx.doi.org/10.1109/ICSTCC62912.2024.10744671	IEEE	NEW YORK	WOS:001440908400019	2024	View Full Record in Web of Science	ISI pep
776	Chirila, Ciprian-Bogdan; Sora, Ioana	CUDA Accelerated Graph Algorithms for Key Class Detection	2024 28TH INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING, ICSTCC	http://dx.doi.org/10.1109/ICSTCC62912.2024.10744710	IEEE	NEW YORK	WOS:001440908400020	2024	View Full Record in Web of Science	ISI pep
777	Ioana-Alina, Cretan	Possibilities to Approach the Liquid Phase Generated in Compliant Landfills	WORLD SUMMIT: CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING CONGRESS, CAUSUMMIT 2024	http://dx.doi.org/10.3897/ap.7.e0092	PENSOFT PUBLISHERS	SOFIA	WOS:001433783000013	2024	View Full Record in Web of Science	ISI pep
778	Feier, Anamaria; Brindusoiu, Mihai; Nitoi, Dan; Chivu, Oana Roxana; Dubie, Demetris; Tapirdea, Alin; Enache, Catalina	Optimization of a Dissimilar Joint Using Additive Manufacturing	MACROMOLECULAR SYMPOSIA	http://dx.doi.org/10.1002/masy.202300196	WILEY-VCH VERLAG GMBH	WEINHEIM	WOS:001253176800045	2024	View Full Record in Web of Science	ISI pep
779	Sirbu, Georgiana-Livia; Albu, Adriana	Artificial Intelligence Guided Diagnosis Based on Optical Coherence Tomography Images	ADVANCES IN DIGITAL HEALTH AND MEDICAL BIOENGINEERING, VOL. 3, EHB-2023	http://dx.doi.org/10.1007/978-3-031-62523-7_35	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001434998400035	2024	View Full Record in Web of Science	ISI pep
780	Tota, Paul; Vaida, Mircea-Florin; Tirian, Gelu Ovidiu; Teresh, Mihaela; Chioresan, Ligia	Mental Monitoring Using a Portable Electroencephalography Device for an Educational Telepresence Robot	2024 12TH E-HEALTH AND BIOENGINEERING CONFERENCE, EHB 2024	http://dx.doi.org/10.1109/EHB64556.2024.10805638	IEEE	NEW YORK	WOS:001413708800008	2024	View Full Record in Web of Science	ISI pep
781	Mercioni, Marina Adriana; Holban, Stefan; Dumache, Raluca	Novel Activation Function Design for Multiple Sclerosis Detection in Medical Imaging	2024 12TH E-HEALTH AND BIOENGINEERING CONFERENCE, EHB 2024	http://dx.doi.org/10.1109/EHB64556.2024.10805606	IEEE	NEW YORK	WOS:001413708800017	2024	View Full Record in Web of Science	ISI pep
782	Kouhalvandi, Lida; Alibakhshkenari, Mohammad; Liveri, Patrizia; Matekovits, Ladislau; Peter, Ildiko	Modeling of Biomedical Antennas through Forecasting DNN for the Enlarged Bandwidth	2024 17TH UNITED CONFERENCE ON MILLIMETRE WAVES AND TERAHERTZ TECHNOLOGIES, UCMMT 2024	http://dx.doi.org/10.1109/UCMMT62975.2024.10737749	IEEE	NEW YORK	WOS:001414204900054	2024	View Full Record in Web of Science	ISI pep
783	Bosio, A. I. Szakal, R.; Tanasa, C.; Gherge, G.; Susan-Resiga, R. F.	The influence of the free runners on the decelerated swirling flow from the draft tube cone of hydraulic turbines	32ND IAHR SYMPOSIUM ON HYDRAULIC MACHINERY AND SYSTEMS	http://dx.doi.org/10.1088/1755-1315/1411/1/012065	IOP PUBLISHING LTD	BRISTOL	WOS:001411795400066	2024	View Full Record in Web of Science	ISI pep

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784	De Sabata, Aldo; Lipan, Ovidiu-Zeno; Matekovits, Ladislav	Exploiting Analytic Transfer Matrices to Engineer Resonances in Patterned Dielectric Periodic Surfaces	2024 IEEE INTERNATIONAL SYMPOSIUM ON ANTENNAS AND PROPAGATION AND INC/USNCURSI RADIO SCIENCE MEETING, AP-S/INC-USNC-URSI 2024	http://dx.doi.org/10.1109/AP-S/INC-USNC-URSI2054.2024.10686803	IEEE	NEW YORK	WOS:001368605101109	2024	View Full Record in Web of Science	ISI pep
785	Pescari, Catalin; Silaghi, Andrei-Marius; De Sabata, Aldo; Matekovits, Ladislav; Mir, Farzad	Designing a Tunable Frequency Selective Surface with Active Components	2024 IEEE INTERNATIONAL SYMPOSIUM ON ANTENNAS AND PROPAGATION AND INC/USNCURSI RADIO SCIENCE MEETING, AP-S/INC-USNC-URSI 2024	http://dx.doi.org/10.1109/AP-S/INC-USNC-URSI2054.2024.10685885	IEEE	NEW YORK	WOS:001368605101433	2024	View Full Record in Web of Science	ISI pep
786	Duma, Virgil-Florin; Cukas, Eduard-Sebastian; Moisa, Cosmin	Eclipse versus Conventional Optical Choppers: Modeling and Analysis	2024 IEEE 10TH ELECTRONICS SYSTEM-INTEGRATION TECHNOLOGY CONFERENCE, ESTC 2024	http://dx.doi.org/10.1109/ESTC60143.2024.10712027	IEEE	NEW YORK	WOS:001340802800033	2024	View Full Record in Web of Science	ISI pep
787	Barb, Gordana; Birz, Diana-Maria; Ivan-Ferlend, Marius-Florin; Khan, Muhammad Asghar	A Comparison on the Battery Consumption and Data Transfer Efficiency of 4G/5G Systems	2024 IEEE INC-USNC-URSI RADIO SCIENCE MEETING (JOINT WITH AP-S SYMPOSIUM)	http://dx.doi.org/10.23919/INC-USNC-URSI61303.2024.10632327	IEEE	NEW YORK	WOS:001304429600130	2024	View Full Record in Web of Science	ISI pep
788	Sosdean, Lucian; Stanciu, Loredana; Albu, Adriana	Automatic System for Learning the Process of Solving Rubik's Cube	18TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS, SACI 2024	http://dx.doi.org/10.1109/SACI60582.2024.10619719	IEEE	NEW YORK	WOS:001301886500080	2024	View Full Record in Web of Science	ISI pep
789	Andras, Cristina Maria; Barb, Gordana; Oteșteanu, Marius	Interference Margin Estimation in DL Link Budget Calculations for 5G Communication Systems	2024 IEEE INC-USNC-URSI RADIO SCIENCE MEETING (JOINT WITH AP-S SYMPOSIUM)	http://dx.doi.org/10.23919/INC-USNC-URSI61303.2024.10632358	IEEE	NEW YORK	WOS:001304429600175	2024	View Full Record in Web of Science	ISI pep
790	Szedlak-Stinean, Alexandra-Iulia; Precup, Radu-Emil; Iancu, Nixandra-Loredana	Classical and Fuzzy Controllers for an Optimally Tuned Model of a Strip Winding System	2024 INTERNATIONAL SEMICONDUCTOR CONFERENCE, CAS 2024	http://dx.doi.org/10.1109/CAS62834.2024.10736796	IEEE COMPUTER SOC	LOS ALAMITOS	WOS:001361909500002	2024	View Full Record in Web of Science	ISI pep
791	Belega, Daniel; Gasparesc, Gabriel	Frequency Measurement in Power Systems: Accuracy of Classical Electronic and Signal-processing-based Instrumentation	2024 IEEE 14TH INTERNATIONAL WORKSHOP ON APPLIED MEASUREMENTS FOR POWER SYSTEMS, AMPS 2024	http://dx.doi.org/10.1109/AMPS62611.2024.10706687	IEEE	NEW YORK	WOS:001344552300024	2024	View Full Record in Web of Science	ISI pep
792	Belega, Daniel; Macii, David; Petri, Dario	Ringdown Electromechanical Oscillations Analysis Through the Interpolated DFT Algorithm	2024 IEEE 14TH INTERNATIONAL WORKSHOP ON APPLIED MEASUREMENTS FOR POWER SYSTEMS, AMPS 2024	http://dx.doi.org/10.1109/AMPS62611.2024.10706668	IEEE	NEW YORK	WOS:001344552300007	2024	View Full Record in Web of Science	ISI pep
793	Mischie, Septimiu; Matiu-Iovan, Liliana	On the Relation between the Accelerometer and the Gyroscope Measurements	2024 INTERNATIONAL CONFERENCE ON APPLIED ELECTRONICS, AE 2024	http://dx.doi.org/10.1109/AE61743.2024.10710225	IEEE	NEW YORK	WOS:001343037500018	2024	View Full Record in Web of Science	ISI pep
794	Gireada, Mihaela; Hulea, Dan; Babos, Florian; Comea, Octavian; Muntean, Nicolae	An improved Bidirectional Hybrid Switched-Inductor Switched-Capacitor Converter Topology with Wide Voltage Ratio	2024 IEEE 21ST INTERNATIONAL MOTION ELECTRONICS AND MOTION CONTROL CONFERENCE, PEMC 2024	http://dx.doi.org/10.1109/PEMC61721.2024.10726377	IEEE	NEW YORK	WOS:001346863100056	2024	View Full Record in Web of Science	ISI pep
795	Barmayoun, Darius; Kemeter, Martin	Paving the Road Towards Cybersecurity Compliance: Navigating ISO 21434 and ASPICE from Organizational- to Project-Level Compliance	SYSTEMS, SOFTWARE AND SERVICES PROCESS IMPROVEMENT, EUROSPI 2024, PT I	http://dx.doi.org/10.1007/978-3-031-71139-8_23	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001336778900023	2024	View Full Record in Web of Science	ISI pep
796	Nevezi-Strango, David; Grosu, Daniel; Valcan, Sorin	The Development of an Application-Specific Instruction Set Processor Specialized on a Convolutional Neural Network Trained on MNIST	ADVANCES IN COMPUTATIONAL COLLECTIVE INTELLIGENCE, ICCCI 2024, PART I	http://dx.doi.org/10.1007/978-3-031-70248-8_8	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:0011331193600008	2024	View Full Record in Web of Science	ISI pep
797	Lovasz, Erwin-Christian; Ceccarelli, Marco; Tulcan, Elida-Gabriela; Oareca, Alexandru; Silaghi-Perju, Dan Cristian; Sticlaru, Carmen; Buncianu, Dorel	Unitary Synthesis Method of Basic Mechanisms with Translating Driven Element	ADVANCES IN MECHANISM DESIGN IV, TMM 2024	http://dx.doi.org/10.1007/978-3-031-70251-8_2	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001328769400002	2024	View Full Record in Web of Science	ISI pep
798	Belega, Daniel; Petri, Dario	Accuracy of Three-point Interpolated DFT Frequency and Damping Factor Estimators	2024 IEEE INTERNATIONAL INSTRUMENTATION AND MEASUREMENT TECHNOLOGY CONFERENCE, I2MTC 2024	http://dx.doi.org/10.1109/I2MTC60896.2024.10560703	IEEE	NEW YORK	WOS:001261521401011	2024	View Full Record in Web of Science	ISI pep
799	Butunoi, Bogdan-Petru; Stolojescu-Crisan, Cristina; Negru, Viorel	Blood Glucose Prediction in Type 1 Diabetes Based on Long Short-Term Memory	ADVANCES IN COMPUTATIONAL COLLECTIVE INTELLIGENCE, ICCCI 2024, PT II	http://dx.doi.org/10.1007/978-3-031-70259-4_35	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001331194300035	2024	View Full Record in Web of Science	ISI pep
800	Mercioni, Marina Adriana; Holban, Stefan	Ovarian Cancer Detection with Popular AI Algorithms: A Brief Review	ADVANCES IN DIGITAL HEALTH AND MEDICAL BIOENGINEERING, VOL 1, EHB-2023	http://dx.doi.org/10.1007/978-3-031-62502-2_54	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001326807700054	2024	View Full Record in Web of Science	ISI pep
801	Stanciu, Loredana; Faur, Elena; Albu, Adriana	AnatomyLab - Web Application for Romanian Medical Students to Learn the Human Body Anatomy	ADVANCES IN DIGITAL HEALTH AND MEDICAL BIOENGINEERING, VOL 1, EHB-2023	http://dx.doi.org/10.1007/978-3-031-62502-2_74	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001326807700074	2024	View Full Record in Web of Science	ISI pep
802	Popescu, Ioan-Emil; Florescu, Florin; Moldovan, Cristian-Emil; Buncianu, Dorel; Tulcan, Elida-Gabriela; Lovasz, Erwin-Christian	Noncircular Cable-Pulley Mechanisms Used for Equilibrating the Wheelchair Backrest	MECHANISM DESIGN FOR ROBOTICS, MEDER 2024	http://dx.doi.org/10.1007/978-3-031-67383-2_6	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001329880600006	2024	View Full Record in Web of Science	ISI pep
803	Sandu, Melania-Olivia; Gruescu, Corina-Mihaela; Kristof, Robert; Sticlaru, Carmen; Ciupe, Valentin; Lovasz, Erwin-Christian	Experimental Approach on the Force for Robotic Pipetting in Automated PCR (Polymerase Chain Reaction)	MECHANISM DESIGN FOR ROBOTICS, MEDER 2024	http://dx.doi.org/10.1007/978-3-031-67383-2_15	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001329880600015	2024	View Full Record in Web of Science	ISI pep
804	Craciun, Narcis-Cristian; Tulcan, Elida Gabriela; Ciapa, Cristian; Lovasz, Erwin-Christian	Wrist Exoskeleton Actuated by a Parallel Manipulator	MECHANISM DESIGN FOR ROBOTICS, MEDER 2024	http://dx.doi.org/10.1007/978-3-031-67383-2_19	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001329880600019	2024	View Full Record in Web of Science	ISI pep
805	Tulcan, Elida-Gabriela; Oareca, Alexandru; Sticlaru, Carmen; Ceccarelli, Marco; Lovasz, Erwin-Christian	Analytical Synthesis of the Seven-Bar Linkage 7-PR(RRRR)RP Used for Medical Disinfection Robot	MECHANISM DESIGN FOR ROBOTICS, MEDER 2024	http://dx.doi.org/10.1007/978-3-031-67383-2_35	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001329880600035	2024	View Full Record in Web of Science	ISI pep
806	Oareca, Alexandru; Tulcan, Elida-Gabriela; Buncianu, Dorel; Lovasz, Erwin-Christian	Kinematic Analysis of the 4-U(RPRGR)RU Redundant Parallel Robot	MECHANISM DESIGN FOR ROBOTICS, MEDER 2024	http://dx.doi.org/10.1007/978-3-031-67383-2_38	SPRINGER INTERNATIONAL PUBLISHING AG	CHAM	WOS:001329880600038	2024	View Full Record in Web of Science	ISI pep
807	Rotaru, Oana; Vert, Silviu; Vasiu, Radu	Switching from DOORS to DOORS Next Generation. Identifying the Main Usability Issues. A Case Study	PROCEEDINGS OF NINTH INTERNATIONAL CONGRESS ON INFORMATION AND COMMUNICATION TECHNOLOGY, VOL 5, ICICT 2024	http://dx.doi.org/10.1007/978-981-97-3289-0_22	SPRINGER-VERLAG SINGAPORE PTE LTD	SINGAPORE	WOS:001326999800022	2024	View Full Record in Web of Science	ISI pep
808	Saptebani, Neta-Ionelcia; Mocan, Marian; Coroian, Alexandra; Soiman, Vasile; Bratosin, Cosmina	Improving the activity of the Romanian customs authority with immediate effects on combating fiscal and customs misdemeanors	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BUSINESS EXCELLENCE	http://dx.doi.org/10.2478/picbe-2024-0302	SCIENDO	WARSAW	WOS:001309709100001	2024	View Full Record in Web of Science	ISI pep
809	Udrescu, Mihai	Turning the Tables in Hybrid Classical Quantum Systems-Classical Optimization of Quantum Algorithms	18TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS, SACI 2024	http://dx.doi.org/10.1109/SACI60582.2024.10619882	IEEE	NEW YORK	WOS:001301886500004	2024	View Full Record in Web of Science	ISI pep
810	Rat, Cezara-Liliana; Stean, Octavian Pro; Ichim-Burlacu, Catalin	Simplified DC-DC converter models for interconnecting loads to a DC microgrid	18TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS, SACI 2024	http://dx.doi.org/10.1109/SACI60582.2024.10619841	IEEE	NEW YORK	WOS:001301886500006	2024	View Full Record in Web of Science	ISI pep

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811	Pescaru, Alexandru M.; Micea, Mihai, V	Driving behavior extraction based on eyes movement patterns	18TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS, SACI 2024	http://dx.doi.org/10.1109/SACI60582.2024.10619777	IEEE	NEW YORK	WOS:001301886500025	2024	View Full Record in Web of Science	ISI pep
812	Brumar, Raul; Grosu, Mihai-Alexandru; Nicola, Stelian; Ciocarlie, Horia	Streamlining Serious Game Development: An extensible system for unifying controls in cross-platform serious game development	18TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS, SACI 2024	http://dx.doi.org/10.1109/SACI60582.2024.10619869	IEEE	NEW YORK	WOS:001301886500043	2024	View Full Record in Web of Science	ISI pep
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866	Lida Kouhalvandi; Ladislav Matekovits; Mohammad Alibakhshikenari; Mehmet Atif Kasim	Artificial Intelligence for 3-D Satellite Networks: A Comprehensive Overview	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921550	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921550	IEEE pcp
867	Bălulescu Cecilia-Valentina; Teodor Petrița	Data collection from smartwatches and smartbands	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921544	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921544	IEEE pcp
868	Catalin Pescari; Andrei - Marius Silaghi; Aldo De Sabata; Andrei Neiconi	Evaluation of Simulation-Based Product Validation in Automotive Ethernet via Measurements	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921553	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921553	IEEE pcp
869	Delia Bianca Deaconescu; Teodor Petrița; Simona Miclaus	Radiofrequency Emission Monitoring by ANCOM Fixed Stations in Eight Cities in Romania during One Whole Year	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921579	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921579	IEEE pcp
870	Hutanu Constantin; Gheorghe Marc	Implementation of microgrid networks in energy management	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921605	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921605	IEEE pcp
871	Alexandru-Gabriel Indricu; Teodor Petrița	An EMI Heatmap with Image Fusion, Using OpenCV and a Logarithmic Detector	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921593	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921593	IEEE pcp
872	Rareș Dobre-Baron; Teodor Petrița; Sorin Nanu	An efficient indoor positioning method using machine learning and multiple Wi-Fi access points	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921592	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921592	IEEE pcp
873	Madalina-Iasmina Cosnita; Cristina Maria Andras; Florin Alexa; Teodor Petrița	Throughput Performances in 5G MIMO System	2024 Advanced Topics on Measurement and Simulation (ATOMS)	10.1109/ATOMS60779.2024.10921498	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10921498	IEEE pcp
874	Petru F. Mihancea; Leif Driebold; Dorian Blaj; Mihai I. Bogdănescu; Răzvan T. Lăpădat; Roxana C. Ciocica; Andrei A. Onișă; Andreea M. Zamosteanu; Tom Bienmüller	Scriptview: BTC Embedded Platform® Extension for Test Case Implementation	2024 26th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	10.1109/SYNASC65383.2024.00030	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10896412	IEEE pcp
875	Krishna MPK Namburi; Preet Pramod; Ion Boldea; Iqbal Husain	Dynamic Current Control of Rare Earth Free Biaxial Excitation Synchronous Machines	2024 IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCES5643.2024.10861289	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10861289	IEEE pcp
876	Aina Cărunta; Alexandru Eugeniu Mizeranschi; Cristina Cărunta; Horia Leonard Banciu; Oana Teodora Moldovan; Daniela Zaharie; Viorel Negru	An Exploration of K-Mer Ranges for Megahit in the Context of Microbial Community-Wide Identification of Antimicrobial Resistance Genes and Biosynthetic Gene Clusters	2024 IEEE 24th International Conference on Bioinformatics and Biomedical Engineering (BIBE)	10.1109/BIBE63649.2024.10820451	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10820451	IEEE pcp
877	Mădălin-Dorin Pop; Viorel Cărbune; Viorica Sudaevschi	Safety and Sustainability Indicators of Variable Speed Limit Control in Intelligent Driver Models	2024 IEEE 21st International Conference on Smart Communities: Improving Quality of Life using AI, Robotics and IoT (HONET)	10.1109/HONET63146.2024.10822951	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10822951	IEEE pcp
878	Teodor-Andrei Vilecanu; Septimiu Lica; Ioan Lie	Stand for testing the lifetime of an automotive electronic module	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814791	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10814791	IEEE pcp
879	Sorin Liviu Jurj; Raul Rotar; Ioana Brincovan; Flavius Oprîțoiu; Mircea Vlăduțiu	Evaluating the Knowledge in Test Engineering Education using a Solar-powered Remote-controlled Flying Probe-Inspired In-Circuit Tester	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814796	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10814796	IEEE pcp
880	Septimiu Mischie	On Calibration of the Magnetometer with the Help of the Gyroscope	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814748	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10814748	IEEE pcp
881	Cătălin Bogdan Ciobanu; Dan Manolescu; Roxana Vlăduțiu; Luciana Chirju; Cosmin Moisi; Marcel Manofu; Paul Svasta	TIE Micro - Chiplets and Next-gen Packaging	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814902	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10814902	IEEE pcp
882	Alexandru-Gabriel Mihal; Cristina Mihaela Drăgan; Marcel Manofu	TIE T*- Thermal Management Student Contest	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814814	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10814814	IEEE pcp
883	Daniela Ionescu; Maria Kovaci	Increasing the Specific Energy of Environmental Friendly EDLC and Pseudocapacitors	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814737	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10814737	IEEE pcp
884	Andrei George Zimbru; Septimiu Lica; Ioan Lie	Remote controlled automatic test bench	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814803	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10814803	IEEE pcp
885	Attila Csillag; Virgil-Florin Duma	Laser Scanning Modalities Revisited	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797282	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797282	IEEE pcp
886	Beatrice Arvinti	Learning Strategies: Experimental Modeling of Laplacian Electric Fields and their Correlation to Kirchhoff's Laws in Physics	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797379	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797379	IEEE pcp
887	Ciprian Orhei; Muguras Mocofan; Silviu Vert; Radu Vasu	TMBud-v2: A Multi-Purpose Urban Landmark Detection Dataset	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797342	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797342	IEEE pcp
888	Marina Adriana Mercioni; Cătălin Daniel Căileanu	Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using a Small Hybrid Transformer Neural Network	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797437	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797437	IEEE pcp
889	Denisa Alexandra Veres; Dumitru Daniel Bonciog; Damian Olei; Daniela Cîrnatu; Daniel Jacob Goje; David Comaniciu; Liliana Mătiu Ioan; Mihaela Ruxandra Lascu; Valentin Laureniu Ordodi	Educational Matlab Tool for Evaluating Liver Tumors Using Ultrasound	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797400	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797400	IEEE pcp
890	Robert Pazsitka; Septimiu Mischie	Data Acquisition Measurement Experiments using the ADALM2000	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797279	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797279	IEEE pcp
891	Mihai-Constantin Coita; Septimiu Lica; Ioan Lie	Smoke Detection Using an Optical Sensor	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797231	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797231	IEEE pcp
892	Flavius Danuti; Marius Oteșteanu	6G: An Overview of Key Technologies and Challenges	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797464	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797464	IEEE pcp
893	Dumitru Danică; Andrei Ternauciu	Improving the Elective Courses Selection Process by Extending an Educational Platform	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797359	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797359	IEEE pcp
894	Damian Olei; Mihaela Ruxandra Lascu; Liliana Mătiu Ioan; David Comaniciu; Dumitru Daniel Bonciog; Valentin Laurentiu Ordodi	Unsupervised Deep Learning with Stacked Autoencoders for Cell Line Classification in Microscopic Images	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797360	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797360	IEEE pcp

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895	Delia-Anca Botila,Georgiana-Carmen Zaharia,Joana-Monica Pop-Calimanu	A Buck-Boost Converter with Coupled Inductors for High Voltage Boosting Performance	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797370	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797370	IEEE pcp
896	Ionica Nicolae,Cristinoid Bogdan,Bonciog Dumitru-Daniel,Maranescu Valentin-Ioan	Innovative HV Measurement: Noninvasive Digital Tester (NDT) for Enhanced EV Diagnostics	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797385	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797385	IEEE pcp
897	Andrei-Sebastian Nicula	A Python-Based Real Estate Rental Application for Students: Leveraging Open Data and Visualization to Enhance Housing Decisions	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797272	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797272	IEEE pcp
898	Alexandru-Mihai Pescaru,Razvan Adrian Bertici,Traian-Radu Plosca,Mihai Victor Micea	Simulating Human Physical Behavior using Unreal Engine Full Body Inverse Kinematics	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797341	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797341	IEEE pcp
899	Emanuel TRÎNC,Andy VESA,Calin SIMU	3D Urban Wireless Network Planning and Analysis Using Ray-Tracing and Machine Learning	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797290	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797290	IEEE pcp
900	Raul Ionel,Ivan Rinaldi,Caius Tănăsie	An Integration Methodology of a Third-Party In-System Programming Solution into a Flying Probe Equipment	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797325	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797325	IEEE pcp
901	Marilene Daneti	Teach to Reach Younger Students by "Electronics"	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797451	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797451	IEEE pcp
902	Sergiu Alexandru Bordeanu,Septimiu Lica,Ioan Lie	Programmable Active Load for Testing DC-DC Converters	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797315	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797315	IEEE pcp
903	Mihai-Eromin-Octavian Ursan,Cătălin Daniel Căleanu,Marian Bucos	An Architecture of a Web Application for Deploying Machine Learning Models in Healthcare Domain	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797433	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797433	IEEE pcp
904	Deiana-Natalia Pătrut,Alexandru-Mihai Pescaru,Traian-Radu Plosca,Dan Pescaru	Particle Filter Based Correction of On-Board Camera Driver Gaze Estimation	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797270	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797270	IEEE pcp
905	Cristina-Maria Andras,Teodora-Florentina Ricouiu,Daniel-Alexandru Drucea,Gordana Barb,Marius Oteșteanu	An Overview and Classification on Beamforming Techniques for 5G Systems	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797375	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797375	IEEE pcp
906	Atila Gabriel Ham,Corina Naforita,Vladimir Cristian Vesa	Radar Object Classification Using Neural Networks in Urban Automotive Scenarios	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797259	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797259	IEEE pcp
907	Alexandru Dalin Drăgoi,Septimiu Lica,Ioan Lie	High Voltage DC-DC Converter for Safety Beacons	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797265	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797265	IEEE pcp
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909	Gabriela-Madalina Pop,Alexandru-Adrian Cauc,Joana-Monica Pop-Calimanu,Dan Lascu	A Buck-Boost Converter with Asymmetric Static Conversion Ratio	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797242	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797242	IEEE pcp
910	Komlosi Bogdan-Flavius,Bonciog Dumitru-Daniel,Maranescu Valentin-Ioan	Enhancing Audio Performance: Noise Reduction and Efficiency in Class AB Amplifier Design	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797394	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797394	IEEE pcp
911	Catalin Pescari,Andrei-Marius Silaghi,Andrei Neiconi,Aldo De Sabata	Assessment of LPDDR4 Interface Performance in an Automotive Product Through High-Speed Simulation	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797267	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797267	IEEE pcp
912	Septimiu Mischie,Cora Ionica	Wireless Sensors and Their Data Transmission	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797236	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797236	IEEE pcp
913	Vlad Mihaescu,Gabriela Gheta	A Learning Experience Platform for a Technical University	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797260	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797260	IEEE pcp
914	Yuheng Wang,Raul Ionel,Fanwei Meng,Chunling Li,Zhenzhong Luo	Rotor Flux Estimation for Induction Motors Based on Modified Sliding Mode Observer	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797311	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797311	IEEE pcp
915	Georgiana-Alexandra Perneck,Joana-Monica Pop-Calimanu,Dan Lascu	A New Step-Up/Down DC-DC Converter	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797252	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797252	IEEE pcp
916	Vrabie Gabriel-Alexandru,Lascu Mihaela-Ruxandra	Deep Learning for Sleep Staging Using EEG Signals	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797312	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797312	IEEE pcp
917	Valentin-Adrian Niță,Vasilica-Daniela Niță	An Ultra-reliable Low Computational Method for Detecting the Direction of Emergency Vehicle Sirens Based on an Array of Microphones	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797462	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797462	IEEE pcp
918	Madalina Tolontan,Ciprian Orhei,Radu Vasii	Overview of the Technical Risk Analysis and Risk Assessment Analysis in Automotive Industry	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797338	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797338	IEEE pcp
919	Marina Adriana Mercioni,Robert Bogdan Cazacu,Stefan Holban	Innovative Pixel Art: Generation and Augmentation with Pixray	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797335	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797335	IEEE pcp
920	Beatrice Arvinti,Marius Costache	Statistical Analysis of Optimal Features for CLAEH Algorithm on Post COVID19 CT Scans	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797295	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797295	IEEE pcp
921	Cristian-Valentin Ionici,Dan Lascu	Audiosusceptibility Calculation in One-Cycle Controlled DC-DC Converters Based on the Describing Function	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797296	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797296	IEEE pcp
922	Daniela Ionescu,Maria Kovaci	Increasing of Specific Energy of the Supercapacitors Based on Cellulose-Derived Nanostructures and Conductive Polymers	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797399	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797399	IEEE pcp
923	Traian-Radu Plosca,Bianca-Valeria Rus,Alexandru-Mihai Pescaru,Daniel-Ioan Curiac	Identifying Developer Positions in AGILE Projects Using BERT Architecture	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797238	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797238	IEEE pcp
924	Rareș Dobre-Baron,Cosmin Ancuți	Dehazing CNNs Loss Functions Analysis	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797441	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797441	IEEE pcp
925	Andrei-Nicolae Vacariu,Marian Bucos,Marius Oteșteanu,Bogdan Dragulescu	Automated Detection of AI-Generated Text Using LLM Embedding-Driven ML Models	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797258	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797258	IEEE pcp
926	Cristian-Valentin Ionici,Silviu-Dorin Meliș,Petru Papazian	Distance Estimation Using Verilog FPGA Implementation	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797307	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797307	IEEE pcp
927	Muguras Mocofan,Ciprian Orhei,Silviu Vert,Florin Alexa	GLCM-Enhanced Dynamic Texture Analysis for Ocean Waves Behavior	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797330	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797330	IEEE pcp
928	Cristina Laura Sirbu,Marina Adriana Mercioni	Fostering Trust in AI-Driven Healthcare: A Brief Review of Ethical and Practical Considerations	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC6310.9.2024.10797264	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10797264	IEEE pcp
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930	Lida Kouhalvandi;Ladislau Matekovits;Serdar Ozoguz	Artificial Neural Network and Its Benefit in Modeling and Efficient Yield Analysis of Antennas	2024 11th International Conference on Electrical and Electronics Engineering (ICEEE)	10.1109/ICEEE62185.2024.10779265	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10779265	IEEE pcp
931	Cristian-Dragos Dumitru;Adrian Gligor;Simona Dzitac;Ilie Vlasa;Attila Simo	Solar Photovoltaic Systems Challenges in Industrial Network Installations	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	10.1109/EPEi63510.2024.10758087	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10758087	IEEE pcp
932	Marcel Topor;Feifei Bu;Liu Haozhe;Sorin Ioan Deaconu	Enhancing the Performance of Open Winding Induction Generators for Variable Speed Generator Energy Applications	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	10.1109/EPEi63510.2024.10758162	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10758162	IEEE pcp
933	Claudia Bondar;Bogdan Neagu;Gheorghe Grigoras;Attila Simo	Optimal Recloser Placement in Distribution Networks to Improve Power Quality Indicators	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	10.1109/EPEi63510.2024.10757999	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10757999	IEEE pcp
934	Denisa-Corina Mihăescu;Sorin Mușuroi;Valeriu-Nicola Olarescu;Ciprian. Sorăndaru	Vienna Rectifier vs. Buck Type Topology in PFC Applications	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	10.1109/EPEi63510.2024.10758180	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10758180	IEEE pcp
935	Ioulia A. Ovtchenkova;Olga A. Alekseeva;Irina S. Tereshina;Anastasia A. Kurganskaya;Alexander V. Morozkin;Anatoly E. Bogdanov;Anna E. Ovtchenkova;Sergey A. Nikitin;Alexey V. Filimonov	Structural and Magnetic Phase Transitions in Gd ₅ -x-yTb ₂ TySi ₂ Ge ₂ Compounds	2024 International Conference on Electrical Engineering and Photonics (EE&Polytech)	10.1109/EE&Polytech62224.2024.10755856	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10755856	IEEE pcp
936	Aeeng Sambas;Zubair Ahmad;Sundarapandian Vaidyanathan;Cristian Lăzureanu;Fareh Hannachi;Tarek M. Abed-Elhameed	Identifying Chaotic Dynamics in IoT-Based Robot Navigation Using New Chaotic Jerk Models: Development and Experimental Validation	2024 International Conference on ICT for Smart Society (ICISS)	10.1109/ICISS62896.2024.10751345	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10751345	IEEE pcp
937	Gabriel Gasparesc	Generation of Power Quality Disturbances Using a Programmable Arbitrary Waveform Generator	2024 15th International Conference on Communications (COMM)	10.1109/COMM62355.2024.10741430	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10741430	IEEE pcp
938	Andy-Sorin Isfanuti;Mihaela-Codruta Ancuti;Ana Popa;Babak Fahimi;Ion Boldea	Encoderless Field Oriented Control (FOC) with I-F Starting for a Super-High Speed SPMSM (125 krpm, 30 kW) Compressor Drive	2024 International Conference on Electrical Machines (ICEM)	10.1109/ICEM60801.2024.10700342	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10700342	IEEE pcp
939	Lucian Tutelea;Tiago Staudt;Ion Boldea	Claw Pole -Single Magnet Rotor Small Synchronous Actuator Motor: Optimal Design via 3D-MEC with 3D FEM Validation	2024 International Conference on Electrical Machines (ICEM)	10.1109/ICEM60801.2024.10700406	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10700406	IEEE pcp
940	Sercan Ozer;Lida Kouhalvandi;Ladislau Matekovits;Mohammad Alibakhshkenari	Design of Wideband Metasurface Structure with the Aid of Bottom-Up Optimization	2024 International Conference on Electromagnetics in Advanced Applications (ICEAA)	10.1109/ICEAA61917.2024.10701815	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10701815	IEEE pcp
941	Andrei-Marius Silaghi;Catalin Pescari;Aldo De Sabata;Ladislau Matekovits;Andrei Neiconi	Study Regarding the Tunability of a Frequency Selective Surface Having Incorporated Active Devices and Control Network	2024 International Conference on Electromagnetics in Advanced Applications (ICEAA)	10.1109/ICEAA61917.2024.10701664	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10701664	IEEE pcp
942	Emil-Ronald Edu;Mircea-Bogdan Radac	Control of Wind Turbines Operating at Significantly Variable Wind Speeds Over Time	2024 International Conference on Electrical, Computer and Energy Technologies (ICECET)	10.1109/ICECET61485.2024.10698685	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10698685	IEEE pcp
943	Mihai Udrescu	Turning the Tables in Hybrid Classical-Quantum Systems—Classical Optimization of Quantum Algorithms: Plenary Talk	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI60582.2024.10619882	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10619882	IEEE pcp
944	Oana Sorina Chirila;Lăcrămioara Stoicu-Tivadar;Denis Avram;Mihaela Monica Szilagyi;Ciprian-Bogdan Chirila	Enhancing Patient Care: Achieving Interoperability between General Practitioners' and Stomatologists' Information Systems Using FHIR Standard and Firebase Cloud	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI60582.2024.10619795	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10619795	IEEE pcp
945	Ciprian Orbei;Ismet Porobic;Adrian Avram	Constrained Adaptive Nonlinear Unsharp Masking	2024 47th International Conference on Telecommunications and Signal Processing (TSP)	10.1109/TSP63128.2024.10605938	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10605938	IEEE pcp
946	Daniel Pavlov;Matei Tamasila;Ana Todorova;Julia Murzina	Family Businesses and Green Transformation - Attitudes and Opportunities for the Development of Sustainable Intergenerational Businesses	2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	10.1109/EEAE60309.2024.10600633	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10600633	IEEE pcp
947	Marina Adriana Mercioni;Stefan Holban	Uterine Corpus Endometrial Carcinoma Prediction from Genomic Analysis with Machine Learning	2024 International Conference on Development and Application Systems (DAS)	10.1109/DAS61944.2024.10541297	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10541297	IEEE pcp
948	Marina Adriana Mercioni;Stefan Holban	Exploring Gender Bias and Toxic Comments Using Artificial Intelligence: Trends and Implications	2024 International Conference on Development and Application Systems (DAS)	10.1109/DAS61944.2024.10541152	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10541152	IEEE pcp
949	Iulia – Eliza Ținca	Predictive Reliability Assessment Workflow for System-Level Reliability of Solder Interconnections	2024 25th International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems (EuroSimE)	10.1109/EuroSimE60745.2024.10491443	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10491443	IEEE pcp
950	Dumitru-Cristian Apostol;Razvan Bogdan;Marius Marcu	UML Diagrams in Teaching Software Engineering Classes. A Case Study In Computer Science Class	2024 IEEE 22nd World Symposium on Applied Machine Intelligence and Informatics (SAMII)	10.1109/SAMII60510.2024.10432905	IEEE			2024	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10432905	IEEE pcp

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
1	Madalina Sofia PASCA, Bogdan CARUNTU, Adriana ALBU	A method for determining the analytical solution for Bagley Torvik equations with fractional derivatives	Proceedings of SACI 2022 - The IEEE 16-th International Symposium on Applied Computational Intelligence and Informatics	https://www.doi.org/10.1109/SACI55618.2022.9919569	IEEE	Timișoara, România	2022	978-1-6654-8125-0
2	Monica-Lavinia NEDELCEA, Adriana ALBU	Scheduler for the Management of Medical Treatments	Proceedings of WIIS 2020 - Workshop on Intelligent Information Systems		Vladimir Andrunachievici Institute of Mathematics and Computer Science	Chișinău, Republica Moldova	2020	978-9975-68-415-6
3	R.-E. Precup, S. Preitl, E. M. Petriu, C.-A. Bojan-Dragoș, A.-I. Szedlak-Stînean, R.-C. Roman, E.-L. Hedrea	Model-Based Fuzzy Control Results for Networked Control Systems	Reports in Mechanical Engineering	https://doi.org/10.31181/rme200101010p	Regional Association for Security and Crisis Management, European Centre for Operational Research	Belgrade	2020	2683-5894
4	F.-C. Paulescu, R.-E. Precup	Fuzzy Models for a Two-Wheeled Self-Balancing Robot	Proceedings of IEEE 16th International Symposium on Applied Computational Intelligence and Informatics SACI 2022, Timisoara, Romania	http://dx.doi.org/10.1109/SACI55618.2022.9919555	ieeexplore	New York	2022	978-1-6654-8125-0
5	M.-M. Damian, R.-E. Precup	Signal Preprocessing and Artifact Removal for Brain-Computer Interfaces	Proceedings of IEEE 16th International Symposium on Applied Computational Intelligence and Informatics SACI 2022, Timisoara, Romania	http://dx.doi.org/10.1109/SACI55618.2022.9919582	ieeexplore	New York	2022	978-1-6654-8125-0
6	R.-E. Precup, E.-L. Hedrea, R.-C. Roman, E. M. Petriu, C.-A. Bojan-Dragoș, A.-I. Szedlak-Stînean, C. Hedrea	Evolving Fuzzy and Tensor Product-based Models for Tower Crane Systems	Proceedings of 48th Annual Conference of the IEEE Industrial Electronics Society IECON 2022, Brussels, Belgium	http://dx.doi.org/10.1109/IECON49645.2022.9968958	ieeexplore	New York	2022	978-1-6654-8025-3
7	R.-C. Roman, R.-E. Precup, E.-L. Hedrea	Intelligent Proportional Controller Tuned by Virtual Reference Feedback Tuning and Fictitious Reference Iterative Tuning	Procedia Computer Science	http://dx.doi.org/10.1016/j.procs.2023.07.013	Elsevier	Amsterdam	2023	1877-0509
8	A.-I. Szedlak-Stînean, R.-E. Precup, R.-C. Roman	Linear and Nonlinear Observers Developed for Direct Current Electric Drive Systems	Intelligent Methods Systems and Applications in Computing, Communications and Control, 9th International Conference on Computers Communications and Control (ICCCC) 2022, Baile Felix, Romania	http://dx.doi.org/10.1007/978-3-031-16684-6_9	Springer	Cham	2023	978-3-031-16684-6
9	C.-A. Bojan-Dragoș, R.-E. Precup, R.-C. Roman, E. M. Petriu, M. Muntyan	PI and Super Twisting Sliding Mode with Smith Predictor Control Structures for SMA Actuators	Proceedings of 32nd International Symposium on Industrial Electronics ISIE 2023, Helsinki-Espoo, Finland	http://dx.doi.org/10.1109/ISIE51358.2023.10227982	ieeexplore	New York	2023	979-8-3503-9971-4
10	A.-I. Szedlak-Stînean, R.-E. Precup, R.-C. Roman, E. M. Petriu	Discrete-time Observers for a Mechatronics System with PID Controllers Tuned Using SMA	Proceedings of 32nd International Symposium on Industrial Electronics ISIE 2023, Helsinki-Espoo, Finland	http://dx.doi.org/10.1109/ISIE51358.2023.10228083	ieeexplore	New York	2023	979-8-3503-9971-4
11	A.-I. Szedlak-Stînean, R.-E. Precup, R.-C. Roman, E. M. Petriu, E.-L. Hedrea	SMA-Based Tuning of PI Controller Using Takagi Sugeno Fuzzy Observers for an Electromechanical System with Variable Parameters	Proceedings of 9th International Conference on Control, Decision and Information Technologies CoDiT 2023, Rome, Italy	http://dx.doi.org/10.1109/CoDiT58514.2023.10284125	ieeexplore	New York	2023	979-8-3503-1140-2
12	E.-L. Hedrea, R.-E. Precup, R.-C. Roman, C. Hedrea	Tensor Product-based and State Feedback Control Solutions for Cart Position Control of Pendulum-Cart Systems	Proceedings of 27th International Conference on System Theory, Control and Computing ICSTCC 2023, Timisoara, Romania	http://dx.doi.org/10.1109/ICSTCC59206.2023.10308467	ieeexplore	New York	2023	979-8-3503-3798-3
13	A.-I. Borlea, R.-E. Precup, R.-C. Roman	Two Discrete-Time Data-Driven Sliding Mode Controllers for Tower Crane Systems	Proceedings of 27th International Conference on System Theory, Control and Computing ICSTCC 2023, Timisoara, Romania	http://dx.doi.org/10.1109/ICSTCC59206.2023.10308498	ieeexplore	New York	2023	979-8-3503-3798-3
14	R.-C. Roman, R.-E. Precup, E. M. Petriu	Active Disturbance Rejection Control for 3D Crane Systems	Procedia Computer Science	https://doi.org/10.1016/j.procs.2024.08.267	Elsevier	Amsterdam	2023	1877-0509
15	R.-E. Precup, R.-C. Roman, E.-L. Hedrea, E.M. Petriu, C.-A. Bojan-Dragos, A.-I. Szedlak-Stinean	Slime Mold Algorithm-Based Performance Improvement of PD-Type Indirect Iterative Learning Fuzzy Control of Tower Crane Systems	Proc. of the 57th Annual Conference on Information Sciences and Systems	10.1109/CISS56502.2023.10089708	IEEE	Baltimore, MD, USA	2023	978-1-6654-5181-9

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16	R.-E. Roman, R.-E. Precup, S. Preitl, C.-A. Bojan-Dragoș, A.-I. Szedlak-Stinean and E.-L. Hedrea	Data-Driven Control Algorithms for Shape Memory Alloys	Proceedings of 2022 IEEE Conference on Control Technology and Applications (CCTA)	10.1109/CCTA49430.2022.9966012	IEEE	Trieste, Italy	2022	978-1-6654-7339-2
17	C.-A. Bojan-Dragoș, R.-E. Precup, E. M. Petriu, R.-C. Roman, E.-L. Hedrea and A.-I. Szedlak-Stinean	GWO-Based Optimal Tuning of Controllers for Shape Memory Alloy Wire Actuators	Proceedings of 6th IFAC International Conference on Intelligent Control and Automation Sciences (ICONS)	10.1016/j.ifacol.2022.07.605	Elsevier	Cluj-Napoca, Romania	2022	2405-8963
18	C.-B. Gale-Cazan, C.-A. Bojan-Dragoș, R.-E. Precup, R.-C. Roman, E. M. Petriu and A.-I. Szedlak-Stinean	GWO-based Modeling of an Unstable Transport System	Procedia Computer Science	10.1016/j.procs.2022.11.166	Elsevier		2022	1877-0509
19	A.-I. Szedlak-Stinean, R.-E. Precup, R.-C. Roman, E. M. Petriu and E.-L. Hedrea	SMA-Based Tuning of PI Controller Using Takagi Sugeno Fuzzy Observers for an Electromechanical System with Variable Parameters	Proceedings of 9th International Conference on Control, Decision and Information Technologies (CoDiT)	10.1109/CoDiT58514.2023.10284125	IEEE	Rome, Italy	2023	979-8-3503-1141-9
20	A.-I. Szedlak-Stinean, R.-E. Precup, R.-C. Roman and E. M. Petriu	Discrete-time Observers for a Mechatronics System with PID Controllers Tuned Using SMA	Proceedings of 32nd International Symposium on Industrial Electronics (ISIE 2023)	10.1109/ISIE51358.2023.10228083	IEEE	Helsinki-Espoo, Finland	2023	979-8-3503-9972-1
21	Filip I., Proștean O., Szeidert I., Bordeasu D, Vasar C.	Tuning of a Minimum Variance Control System Based on the Estimated Process Gain	IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI58269.2023.10158537	IEEE	Timisoara	2023	979-8-3503-2110-4
22	Moga D., Filip I.	Automotive Scenarios for Trajectory Tracking using Machine Learning Techniques and Image Processing	IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI58269.2023.10158549	IEEE	Timisoara	2023	979-8-3503-2110-4
23	Moga D., Filip I.	Role of Artificial Intelligence Techniques in Active Safety using Image Processing for Autonomous Driving Vehicles	IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI55618.2022.9919513	IEEE	Timisoara	2022	978-1-6654-8125-0
24	D. Bordeasu, O. Proștean, C. Vașar and A. Debeș	Load Comparison Between Two Controlling Strategies for Wind Energy Conversion System Power-Boosting	IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI55618.2022.9919466	IEEE	Timisoara	2022	979-1-6654-8125-0
25	Gal-Nadasan Norbert, Stoicu-Tivadar Vasile, Gal-Nadasan Emanuela, Dinu Anca Raluca	Robotic Process Automation Based Data Extraction from Handwritten Medical Forms	Studies in health technology and informatics	10.3233/SHTI230741	IOS Press		2023	18798365
26	Gal-Nadasan Norbert, Stoicu-Tivadar Vasile, Gal-Nadasan Emanuela, Dinu Anca Raluca	Handwritten Data Extraction Using OpenAI ChatGPT4o and Robotic Process Automation	Studies in health technology and informatics	10.3233/SHTI241101	IOS Press		2024	9269630
27	Adina Nitulescu, Mihaela Crișan-Vida, Lăcrămioara Stoicu-Tivadar	Continuous Monitoring and Statistical Modelling of Heart Rate Variability	Volume 270: Digital Personalized Health and Medicine, Studies in Health Technology and Informatics	10.3233/SHTI200136	IOS Press		2020	978-1-64368-082-8
28	Razvan Bogdan, Mihaela Crișan-Vida, Razvan Muresan, Darius Barmayoun, Lăcrămioara Stoicu-Tivadar	Environment Monitoring System Raising Awareness of Sensitive Inhabitants Based on Regression Predictive Modelling	Volume 281: Public Health and Informatics, Studies in Health Technology and Informatics	10.3233/SHTI210173	IOS Press		2021	978-1-64368-184-9
29	Adina Nițulescu, Mihaela Crișan-Vida, Lăcrămioara Stoicu-Tivadar	Towards FAIR Data Standardization Using FHIR Genomics Resources Integration in Obstetrics-Gynecology Department Systems	Volume 305: Healthcare Transformation with Informatics and Artificial Intelligence, Studies in Health Technology and Informatics	10.3233/SHTI230460	IOS Press		2023	978-1-64368-400-0
30	Mihaela Crișan-Vida, Ștefana-Gabriela Păușan, Lăcrămioara Stoicu-Tivadar	Mind Note – Application for Mental Health Support	Volume 309: Telehealth Ecosystems in Practice	10.3233/SHTI230771	IOS Press		2023	978-1-64368-450-5
31	Adina Nitulescu, Mihaela Crișan-Vida, Cristina Tudoran, Lăcrămioara Stoicu-Tivadar	ML-Based Framework to Predict the Severity of the Symptomatology in Patients with Post-Acute COVID-19 Syndrome	Volume 321: Collaboration across Disciplines for the Health of People, Animals and Ecosystems, Studies in Health Technology and Informatics	10.3233/SHTI241071	IOS Press		2024	978-1-64368-554-0

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32	Dumitru-Cristian Apostol, Antonela-Maria Chiuzbăian, Mihaela Crisan-Vida, Lăcrămioara Stoicu-Tivadar, Marius Marcu	A Digital Tool Supporting Pathology Practice and Identifying Leucocytes	Volume 316: Digital Health and Informatics Innovations for Sustainable Health Care Systems, Studies in Health Technology and Informatics	10.3233/SHTI240558	IOS Press		2024	978-1-64368-533-5
33	Chirila, C.-B.; Chirila, O.-S.	The data structures for e-learning (Dsel) platform	eLearning and Software for Education Conference	10.12753/2066-026X-20-176		București	2020	ISSN: 2066026X
34	Nicola S., Chirila O.S., Stoicu-Tivadar L.	Recovery Gestures Classification Using KNN and LDA Models	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/DOI/10.3233/SHTI230739	IOS Press Ebooks	Torino	2023	1879-8365
35	Oana-Sorina Chirila; Adelina Elena Tivig; Lăcrămioara Stoicu-Tivadar	Application for Screening to Monitor and Assess Pregnancy Potential Risks	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/doi/10.3233/SHTI230745	IOS Press Ebooks	Torino	2023	1879-8365
36	Andreea-Alexandra Mocrii, Oana-Sorina Chirila	AI-Assisted Application for Pediatric Drug Dosing	Studies in Health Technology and Informatics	https://doi.org/10.3233/SHTI241093	IOS Press Ebooks	Timisoara	2024	978-1-64368-554-0
37	Mahmut E.E., Nicola S., Stoicu-Tivadar V.	Word-Final Phoneme Segmentation Using Cross-Correlation	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/doi/10.3233/SHTI200709	IOS Press Ebooks	Kuopio	2020	1879-8365
38	Nicola S., Stoicu-Tivadar L.	Sharing the IT Educational Experience of Developing 3D Applications for Medical Students Training	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/doi/10.3233/SHTI210895	IOS Press Ebooks	Atena	2022	1879-8365
39	Mahmut E.E., Nicola S., Stoicu-Tivadar V.	Support-Vector Machine-Based Classifier of Cross-Correlated Phoneme Segments for Speech Sound Disorder Screening	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/doi/10.3233/SHTI220500	IOS Press Ebooks	Cardiff	2022	1879-8365
40	Varga G., Stoicu-Tivadar L., Nicola S.	Serious Gaming and Artificial Intelligence in Rehabilitation of Rheumatoid Arthritis	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/doi/10.3233/SHTI220790	IOS Press Ebooks	Atena	2022	1879-8365
41	Nicola S., Chirila O.S., Stoicu-Tivadar L.	Comparison of Data Classification Results for Leap Motion Recovery Gestures	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/doi/10.3233/SHTI220694	IOS Press Ebooks	Atena	2022	1879-8365
42	Varga G., Stoicu-Tivadar L., Nicola S.	Comparison of Data Classification Results in Serious Gaming for Rehabilitation of Rheumatoid Arthritis	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/DOI/10.3233/SHTI230740	IOS Press Ebooks	Torino	2023	1879-8365
43	Mahmut E.E., Nicola S., Stoicu-Tivadar V.	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	https://ebooks.iospress.nl/DOI/10.3233/SHTI230742	IOS Press Ebooks	Torino	2023	1879-8365
44	Dan M.A., Nicola S., Stoicu-Tivadar L.	A Custom Image Recognition Model in the Cloud for Skin Diseases Identification	Studies in Health Technology and Informatics	https://ebooks.iospress.nl/volumearicle/65008	IOS Press Ebooks	Torino	2023	1879-8365
45	Grosu M.A., Brumar R., Nicola S., Ciocărlie H.	Trigger Systems: Reusability and applicability in Serious Games	Studies in Health Technology and Informatics	https://ieeexplore.ieee.org/document/10308485	IEEE	Timișoara	2023	979-8-3503-3798-3
46	Petrisoara GOLIMBA, Loredana STANCIU	Android Application to Support Communication Between Romanian Hearing and Deaf Peoples	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919511	IEEE	Timisoara	2022	978-1-6654-8125-0
47	E-R Edu, Radac Mircea-Bogdan	Control of Wind Turbines Operating at Significantly Variable Wind Speeds Over Time	2024 International Conference on Electrical, Computer and Energy Technologies (ICECET)	https://doi.org/10.1109/ICECET61485.2024.10698685	IEEEExplore	Sydney, Australia	2024	979-8-3503-9591-4
48	Lucian Popa, Camil Jichici, Tudor Andreica, Pal-Stefan Murvay, Bogdan Groza	Impact of Wiring Characteristics on Voltage-based Fingerprinting in Controller Area Networks	Proceedings of the IEEE 17th International Symposium on Applied Computational Intelligence and Informatics	10.1109/SACI58269.2023.10158572	IEEE	Timisoara	2023	979-8-3503-2110-4
49	Stuparu Adrian, Alin Anton	INTELLIGENT SYSTEM FOR MONITORING THE OPERATION OF HYDRAULIC PUMPS	Romaqua vol. 3		ARA		2024	

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50	Alin Anton, Petra Csereoka, Eugenia Capota, Razvan-Dorel Cioarga, Adrian Coccoceanu, Cristian Florian	A SMART DATA DIODE FOR CRITICAL INFRASTRUCTURE	Romaqua vol. 3		ARA		2024	
51	Truşculescu Adriana, Ancusa Versavia, Broască Laura, Manolescu Diana, Pescaru Camelia, Oancea Cristian	Interstitial lung diseases computer-aided imaging diagnosis, using complex networks	Pneumologia 72(1):48-58, , June 2024	DOI: 10.2478/pneum-2024-0008	Published by: Romanian Society of Pneumology In partnership with: Paradigm Publishing Services	Bucuresti	2024	2247-059X
52	Baciu, M.D., Capota, E.A., Stângaciu, C.S., Curia, C.D., & Micea, M.V.	Multi-Core Time-Triggered OCBP-Based Scheduling for Mixed Criticality Periodic Task Systems	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/1SETC56213.2022.10009958	IEEE Xplore		2022	2475-7861
53	Cărunta A., Mizeranschi A.E., Cărunta C., Banciu H.L., Moldovan O.T., Zaharie D., Negru V.	An exploration of k-mer ranges for MEGAHit in the context of microbial community-wide identification of antimicrobial resistance genes and biosynthetic gene clusters	2024 IEEE 24th International Conference on Bioinformatics and Bioengineering (BIBE)	10.1109/BIBE63649.2024.10820451	IEEE	Kragujevac	2024	2471-7819
54	AŞ Bulzan, C Cemăzanu-Glăvan, MG Marcu	Exploring the Potential of OCR Integration for Object Detection in Invoices	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308505	IEEE	Timisoara	2023	979-8-3503-3798-3
55	Loredana Lavinia Staicu;Robert Valentin Puiu;Razvan Bogdan;Mihaela Crişan-Vida;Marius Marcu	Communication and Verification for Radar Sensors in the Context of Driver Assistance Systems	2020 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC50328.2020.9301112	IEEE	Timisoara	2020	2475-7861
56	Serġiu Nimara;Alexandru Vlad Cornea;Razvan Bogdan	Raspberry Pi based Robot for Drawing Patterns on Ovoid Objects	2021 29th Telecommunications Forum (TELFOR)	10.1109/TELFOR52709.2021.9653316	IEEE	Belgrade, Serbia	2021	978-1-6654-2585-8
57	Diana Andone;Radu VasIU;Razvan Bogdan;Vlad Mihaescu;Silviu Vert;Alexandru Iovanovici;Valentin Ciupe;Florin Dragan	International Innovative Labs – I-Living-Labs	2022 IEEE Global Engineering Education Conference (EDUCON)	10.1109/EDUCON52537.2022	IEEE	Tunis, Tunisia	2022	2165-9567
58	Bogdan Sosdian;Razvan Bogdan;Andreas Bild;Marius Marcu	Sun Tracking System For Photovoltaic Panels In The Context Of Smart Cities Applications	2023 IEEE International Smart Cities Conference (ISC2)	10.1109/ISC257844.2023.10293288	IEEE	Bucharest, Romania	2023	2687-8860
59	Dalibor Dobrilovic;Razvan Bogdan;Visnja Ognjenovic;Marius Marcu	Analyses on Usage of MLP Regression with WSN Data for Predicting Room Occupancy	2023 IEEE 19th International Conference on Intelligent Computer Communication and Processing (ICCP)	10.1109/ICCP60212.2023.10398671	IEEE	Cluj-Napoca, Romania	2024	2766-8495
60	Dumitru-Cristian Apostol;Razvan Bogdan;Marius Marcu	UML Diagrams in Teaching Software Engineering Classes. A Case Study In Computer Science Class	2024 IEEE 22nd World Symposium on Applied Machine Intelligence and Informatics (SAMI)	10.1109/SAMI60510.2024.10432905	IEEE	Stará Lesná, Slovakia	2024	2767-9438
61	Petra Csereoka, Bogdan-Ionuț Roman, Mihai Victor Micea, Călin-Adrian Popa	Novel Reinforcement Learning Research Platform for Role-Playing Games	Artificial Intelligence and Machine Learning Based Methods and Applications, Mathematics	10.3390/math10224363	MDPI		2022	2227-7390
62	Alin-Adrian Anton, Petra Csereoka, Eugenia Ana Capota, Răzvan-Dorel Cioargă	Enhancing Syslog Message Security and Reliability over Unidirectional Fiber Optics	Sensing in Internet of Things and Smart Sensor Networks, Sensors	10.3390/s24206537	MDPI		2024	1424-8220
63	Bence Richard Hach, Lucian Ionel Găină, Daniela Stănescu, Bianca Guşiță	The impact of age on NBA player's performances: A Data Mining approach	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158605	IEEE Xplore		2023	2765-818X
64	Adelina-Valentina Cucu, Giuseppe Valenzise, Daniela Stănescu, Ioana Ghergulescu, Lucian Ionel Găină, Bianca Guşiță	Defense Method against Adversarial Attacks Using JPEG Compression and One-Pixel Attack for Improved Dataset Security	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308520	IEEE Xplore		2023	2473-5698
65	Bianca Guşiță, Lucian Ionel Găină, Daniela Stănescu, Ioana Ghergulescu	Applications of the MPSA Algorithm and CNN for Securing Medical X-Rays	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308514	IEEE Xplore		2023	2473-5698

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66	Avramoni Dacian, Iovanovici Alexandru, Iliencescu Anca-Maria, Prodan Lucian	Short term traffic congestion prediction using publically available traffic data: a case study on Timisoara	IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI), DOI: 10.1109/SAMI54271.2022.9780813	10.1109/SAMI54271.2022.9780813	IEEE	Poiprad	2022	ISBN 978-1-6654-9704-6
67	Szatmari Larisa, Prodan Lucian, Iovanovici Alexandru, Avamoni Dacian	Road Intersection Optimization with Resource-Constrained Metaheuristic: A Case Study	20th IEEE International Symposium on Intelligent Systems and Informatics (SISY2022), Subotica, Serbia	10.1109/SISY56759.2022.10036312	IEEE	Subotica	2022	ISBN 978-1-6654-9704-6
68	Anca-Maria Iliencescu, Alexandru Iovanovici, Mircea Vladutiu	Supervised learning data preprocessing for short-term traffic flow prediction		10.1109/Informatics57926.2022.10083399	IEEE	Poprad	2022	979-8-3503-1035-1
69	Christian D. Curiac, Mihai V. Micea	Evaluating Research Trends Using Key Term Occurrences and Multivariate Mann-Kendall Test	Proceedings of the IEEE International Symposium on Electronics and Telecommunications, ISETC 2022, volume 15	10.1109/ISETC56213.2022.10010222	IEEE	Timisoara, Romania	2022	978-1-6654-5150-5,2475-7861
70	Maria C. Brad, Ana A. Brad, Mihai V. Micea	Method for Autonomous Lane Detection in Assisted Driving	Proceedings of the IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2023, volume 17	10.1109/SACI58269.2023.10158656	IEEE	Timisoara, Romania	2023	979-8-3503-2110-4,2765-818X
71	Ana A. Brad, Maria C. Brad, Mihai V. Micea	A Comparative Study of Car Tracking Algorithms for Road Traffic Surveillance Applications	Proceedings of the IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2023, volume 17	10.1109/ICSTCC59206.2023.10308450	IEEE	Timisoara, Romania	2023	979-8-3503-2110-4, 2765-818X
72	Alexandru M. Pescaru, Razvan A. Bertici, Traian R. Plosca, Mihai V. Micea	Simulating Human Physical Behavior using Unreal Engine Full Body Inverse Kinematics	Proceedings of the International Symposium on Electronics and Telecommunications, ISETC 2024, volume 16	10.1109/ISETC63109.2024.10797341	IEEE	Timisoara, Romania	2024	979-8-3503-9087-2, 2475-7861
73	Haisiuc Andrei Cristian, Hedes Ioan Alexandru, Firan Darius Ovidiu, Stangaciu Cristina, Nimara Sergiu	Bluetooth Sensor Module for Monitoring Indoor Ambient	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI58269.2023.10158546	IEEE Xplore		2023	979-8-3503-2110-4 / 2765-818X
74	Opritoiu F., Vladutiu M.	Systolic Array Architecture for Educational Use	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308496	IEEE Xplore	Timisoara	2023	2473-5698
75	Rotar R., Jurj S. L., Rohatinovici N. C., Brincovan R., Opritoiu F., Vladutiu M.	Improved Flying Probe-Inspired In-Circuit Tester for Practical Laboratory Activities	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME59799.2023.10430652	IEEE Xplore	Craiova	2023	2642-7036
76	Rotar R., Vartaci N., Balas M., F. Opritoiu and M. Vladutiu	Digital Twin Architecture for an Automated PV System with Self-Testing Capabilities	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME59799.2023.10430791	IEEE Xplore	Craiova	2023	2642-7036
77	S. L. Jurj, R. Rotar, I. Brincovan, F. Opritoiu, M. Vladutiu	Evaluating the Knowledge in Test Engineering Education using a Solar-powered Remote-controlled Flying Probe-Inspired In-Circuit Tester	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814796	IEEE Xplore	Sibiu	2024	2642-7036
78	D. Patrut, A.M. Pescaru, T.R. Plosca and D. Pescaru	Particle Filter Based Correction of On-Board Camera Driver Gaze Estimation	The 16th International Symposium on Electronics and Telecommunications ISETC'24	10.1109/ISETC63109.2024.10797270	IEEE	Timisoara	2024	979-8-3503-9086-5
79	T.R. Ploscă; B.V. Rus; A.M. Pescaru; D.I. Curiac	Identifying Developer Positions in AGILE Projects Using BERT Architecture	The 16th International Symposium on Electronics and Telecommunications ISETC'24	10.1109/ISETC63109.2024.10797238	IEEE	Timisoara	2024	979-8-3503-9086-5
80	Mădălin-Dorin Pop, Jitendra Pandey, Velmani Ramasamy	Future Networks 2030: Challenges in Intelligent Transportation Systems	2020 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO)	https://doi.org/10.1109/ICRITO48877.2020.9197951	IEEE	Noida, India	2020	978-1-7281-7017-6
81	Mădălin-Dorin Pop	Decision Making in Road Traffic Coordination Methods: A Travel Time Reduction Perspective	2020 International Conference Engineering Technologies and Computer Science (EnT)	https://doi.org/10.1109/EnT48576.2020.00014	IEEE	Moscow, Russia	2020	978-1-7281-8091-5

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82	Cosmin Laurențiu Husariu, Mădălin-Dorin Pop	Roads of the Future: A Survey on the Usage of Smart Traffic Sensor Networks in Autonomous Driving	Soft Computing Applications Proceedings of the 9th International Workshop Soft Computing Applications (SOFA 2020)	https://doi.org/10.1007/978-3-031-23636-5_27	Springer International Publishing	Arad, Romania	2020	978-3-031-23636-5
83	Mădălin-Dorin Pop, Sabina Alina Potra, Adrian Pavel Pugna	ROMANIAN STUDENTS EXPECTATIONS FROM EDUCATIONAL ONLINE PLATFORMS IN THE AGE OF COVID-19	INTED 2021 Proceedings	https://doi.org/10.21125/inted.2021.2162	iated DIGITAL LIBRARY	Online Conference	2021	978-84-09-27666-0
84	Sabina Alina Potra, Adrian Pavel Pugna, Mădălin-Dorin Pop, Luisa Dungan	ROMANIAN UNIVERSITY HYBRID EDUCATIONAL SYSTEM: A GROUNDED THEORY APPROACH OF 1ST YEAR STUDENTS EXPERIENCE	INTED 2021 Proceedings	https://doi.org/10.21125/inted.2021.2176	iated DIGITAL LIBRARY	Online Conference	2021	978-84-09-27666-0
85	Sabina Alina Potra, Mădălin-Dorin Pop, Luisa Dungan	THE INFLUENCE OF UNIVERSITY EXPERIENCES ON STUDENT ENGAGEMENT DURING THE COVID19 HYBRID EDUCATION SYSTEM	EDULEARN21 Proceedings	https://doi.org/10.21125/edulearn.2021.1477	iated DIGITAL LIBRARY	Online Conference	2021	978-84-09-31267-2
86	Mădălin-Dorin Pop, Sabina Alina Potra, Adrian Pavel Pugna	A BIBLIOMETRIC ANALYSIS OF COVID-19 PANDEMIC INFLUENCE ON HIGHER EDUCATION RESEARCH	EDULEARN21 Proceedings	https://doi.org/10.21125/edulearn.2021.0692	iated DIGITAL LIBRARY	Online Conference	2021	978-84-09-31267-2
87	Mădălin-Dorin Pop, Cătălin Constantin NICULESCU, Octavian PROȘTEAN, Gabriela PROȘTEAN	Safety Aspects of Single-Lane Roundabout Management Systems in Connected Vehicles Environments	Proceedings of the 37th International Business Information Management Association (IBIMA),	n/a	IBIMA Publishing	Cordoba, Spain	2021	978-0-9998551-6-4
88	Mădălin-Dorin Pop; Andreas-Robert Stoia	Improving the Tourists Experiences: Application of Firebase and Flutter Technologies in Mobile Applications Development Process	2021 International Conference Engineering Technologies and Computer Science (EnT)	https://doi.org/10.1109/EnT52731.2021.00033	IEEE	Moscow, Russia	2021	978-1-6654-2675-6
89	Madalin-Dorin Pop, Dianora Igna	Quality Engineering Framework for Functional Safety Automotive Projects	Proceedings of the 18th International Conference on Software Technologies (ICSOT 2023)	https://doi.org/10.5220/0012119300003538	SCITEPRESS DIGITAL LYBRARY	Roma, Italy	2023	978-989-758-665-1
90	Adrian Pugna, Sabina Potra, Gabriela Strauti, Ilie Taucean, Madalin Pop	Using Six Sigma Methodology to Improve the Resistance Spot Welding Process in an Automotive Company	Management, Innovation and Entrepreneurship in Challenging Global Times: Proceedings of the 16th International Symposium in Management (SIM 2021)	https://doi.org/10.1007/978-3-031-47164-3_27	Springer International Publishing	Timisoara, Romania	2024	978-3-031-47163-6
91	Bianca-Lucia Blajovan, Oana Sorina Chirila, Daniela Stanescu, Marius-George Marc:	FoodMedicine - Android-Based Food Recognition App For Guiding Patients With Nutritional Diseases	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308507	IEEE Xplore		2023	2473-5698
92	Alexandru Rat, Cristina Stangaciu, Mihai Micea	Energy consumption analysis for raspberry pi based smart mirrors and proposed solutions	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	10.1109/SACI55618.2022.9919550	IEEE Xplore		2022	978-1-6654-8125-0
93	Krech, Florian-Aurelian, Adriana-Ioana Rota, and Cristina-Sorina Stangaciu	An overview of different topologies for CoAP protocol using contiki operating system	2023 27th International Conference on System Theory, Control and Computing (ICSTCC). IEEE, 2023	10.1109/ICSTCC59206.2023.10308512	IEEE Xplore		2023	2473-5698
94	Alin Popovici, Valentin Stangaciu	Evaluation of a Time Efficient Medium Access Policy: GTDMA	2023 27th International Conference on System Theory, Control and Computing (ICSTCC)	10.1109/ICSTCC59206.2023.10308457	IEEE Xplore	Timisoara	2023	979-8-3503-3798-3
95	Topirceanu, A., Udrescu, M., & Mărculescu, R.	Complex Networks Antifragility under Sustained Edge Attack-Repair Mechanisms	Proceedings of NetSci-X 2020: Sixth International Winter School and Conference on Network Science	https://doi.org/10.1007/978-3-030-38965-9_13	Springer	Tokyo, JP	2020	978-3-030-38965-9
96	Topirceanu, A.	Genetically Driven Optimal Selection of Opinion Spreaders in Complex Networks	Frontiers in Artificial Intelligence and Applications, Volume 332: Machine Learning and Artificial Intelligence	10.3233/FAIA200760	IOS Press		2020	9.78164E+12
97	Topirceanu, A., & Udrescu, M.	On cost-effective strategies for opinion diffusion in complex networks	In 2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI55618.2022.9919571	IEEE	Timisoara, RO	2022	978-1-6654-8125-0

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98	Hurrelbrink, A., & Topirceanu, A.	On the impact of population density and mobility restrictions in the control of epidemic spreading	In 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI58269.2023.10158557	IEEE	Timisoara, RO	2023	979-8-3503-2110-4
99	K.McCay; C.Craciunescu; S.Andrenacci; A.Kellenberger; M.Stange; M. Dan; T. Khoza; S. Lædre	Steel Based Bipolar Plates for Proton Exchange Water Electrolysis	Proceedings of 2023 AMPP Annual Conference + Expo, Colorado, USA	https://doi.org/10.5006/C2023-19236	Association for Materials Protection and Performance (AMPP)	Colorado, USA	2023	9780523392011
100	C.M.Craciunescu, S.Lædre, N.Vaszilcsin, T Khoza, M.L. Dan, A.Kellenberger, D. Duca, A. Ercuta, I. Mitelea	AISI 442 and 446 ferritic stainless steel as a support for bipolar plates in proton exchange membrane water electrolyzers	Proceedings of WHEC 2022 - 23rd World Hydrogen Energy Conference: Bridging Continents by H2	EID 2-s2.0-85147196446	International Association for Hydrogen Energy, IAHE	Miami, FL, USA	2022	978-625000843-0
101	A.Kellenberger, N.Vaszilcsin, M. L. Dan, I. Mitelea, A. A.Geana, S.Lædre, C.M. Craciunescu	Corrosion issues of bipolar plate materials used in proton exchange membrane water electrolyzers	9th Regional Symposium on Electrochemistry – South East Europe	https://doi.org/10.5281/zenodo.11194247	RICGI, Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia	Belgrade, Serbia	2024	978-86-7132-085-6
102	Vaszilcsin C.G., Fițigău F., Dan M.L., Urmosi Z., Hulka I.	CORROSION OF CARBON STEEL OLC 45 AND STAINLESS STEEL AISI 304L IN WINES FROM BANAT COUNTY	PROCEEDINGS OF THE 27th International Symposium on Analytical and Environmental Problems Szeged, Hungary		University of Szeged, H-6720 Szeged, Dugonics tér 13, Hungary	Szeged, Ungaria	2021	978-963-306-835-9
103	Dima G.D, Dan M.L., Costea L.V., Borș A.	THE USING OF THE BEAR BRANCH EXTRACT AS POTENTIAL CORROSION INHIBITOR FOR COPPER IN ACID MEDIA	PROCEEDINGS OF THE 28th International Symposium on Analytical and Environmental Problems Szeged, Hungary		University of Szeged, H-6720 Szeged, Dugonics tér 13, Hungary	Szeged, Ungaria	2022	978-963-306-904-2
104	Dima G.D., Rudenko N., Vaszilcsin C.G., Dan M.L.	INHIBITORY EFFECT OF METOPROLOL IN THE CORROSION OF MILD STEEL IN ACID MEDIA	PROCEEDINGS OF THE 29th International Symposium on Analytical and Environmental Problems Szeged, Hungary		University of Szeged, H-6720 Szeged, Dugonics tér 13, Hungary	Szeged, Ungaria	2023	978-963-306-963-9
105	Labosel M.A., Rudenko N., Dan M.L., Vaszilcsin N.	PRELIMINARY STUDIES ON ELECTROCHEMICAL BEHAVIOUR OF SULPHITE ON STAINLESS STEEL IN NEUTRAL MEDIA	PROCEEDINGS OF THE 29th International Symposium on Analytical and Environmental Problems Szeged, Hungary		University of Szeged, H-6720 Szeged, Dugonics tér 13, Hungary	Szeged, Ungaria	2023	978-963-306-963-9
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107	Rudenko. N., Dima G.D., Dan M.L.	CITRIC ACID ROLE: METALS CORROSION INHIBITOR OR ACCELERATOR	PROCEEDINGS OF THE 30th International Symposium on Analytical and Environmental Problems Szeged, Hungary		University of Szeged, H-6720 Szeged, Dugonics tér 13, Hungary	Szeged, Ungaria	2024	978-963-688-009-5
108	Vaszilcsin C.G., Dima G.D., Rudenko N., Dan M.L.	THE INHIBITORY EFFECT OF WHITE ALDER EXTRACT ON LOW-CARBON STEEL CORROSION IN SULFURIC ACID	PROCEEDINGS OF THE 30th International Symposium on Analytical and Environmental Problems Szeged, Hungary		University of Szeged, H-6720 Szeged, Dugonics tér 13, Hungary	Szeged, Ungaria	2024	978-963-688-009-5
109	Viorel Todea, Vlad Popescu, Daniel Dan, Sorin Codruț Floruț, Valeriu Stoian	Finite element analysis on composite steel-concrete shear walls with centered and staggered openings	Conference Computational Civil Engineering (CCE2023) - 24-25 May 2023 Iași (Proceeding)	https://www.proceedings.com/74423.html	Institute of Physics Publishing (IOP)	Iasi	2023	9781713895688
110	Cristina Marincu, Daniel Dan, Ligia Moga	Case study on the thermal performance analysis of well insulated buildings	Proceedings of the C70 International Conference "Tradition and Innovation - 70 Years of Constructions in Transilvania" - 8-11 November 2023 - Cluj Napoca	https://c70.utcluj.ro/wp-content/uploads/2023/12/657-9-Constructii-70-min.pdf	U T Press	Cluj Napoca	2023	9.78607E+12
111	Cristina Marincu, Daniel Dan	Life-cycle cost analysis of possible solutions for converting existing single-family house into nZEB	Life-Cycle of Structures and Infrastructure Systems - 2-6 July 2023, Milano (Proceedings)	https://doi.org/10.1201/9781003323020		Milano	2023	9.781E+12

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112	Karda Sz., Nagy-György T., Boros I.	Use of glass fiber reinforced polymer composite connectors for core insulated concrete sandwich walls	24th International Conference on Civil Engineering and Architecture - ÉPKO 2020		Societatea Maghiară Tehnico-Științifică din Transilvania Hungarian Technical Scientific Society of Transilvania	Cluj Napoca	2020	2734-4525/ 1843-2123
113	Nagy-György T., Boros I., Crișan A.	Computational curiosities of a wind-sensitive roof structure	24th International Conference on Civil Engineering and Architecture - ÉPKO 2020		Societatea Maghiară Tehnico-Științifică din Transilvania Hungarian Technical Scientific Society of Transilvania	Cluj Napoca	2020	2734-4525/ 1843-2123
114	Karda Sz., Nagy-György T., Boros I.	Thermal behaviour analysis of complex joints for an energy efficient school building	Proceedings of the XXth International Scientific Conference of Technical Sciences, vol. 14. (2021) 30–36.	https://doi.org/10.33894/mtk-2021.14.06	Erdélyi Múzeum-Egyesület, Transylvanian Museum Society	Cluj-Napoca	2021	2601-5773
115	203.Karda Sz., Nagy-György T., Boros I.	Improving the energy efficiency of public buildings by using piezoelectric floor tiles	25th International Conference on Civil Engineering and Architecture - ÉPKO 2021		Societatea Maghiară Tehnico-Științifică din Transilvania Hungarian Technical Scientific Society of Transilvania	Cluj Napoca	2021	2734-4525/ 1843-2123
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117	Dăescu C., Nagy-György T., Călbas C., Boros I.	Seismic evaluation of the Reformed Church building in Salonta	Proceedings of the Third European Conference on Earthquake Engineering and Seismology - 3ECEES				2022	978-973-100-533-1
118	Czigány T., Tóth E., Puchard Z., Józsa Zs., Kiss R., Nagy-György T., Czoboly O., ...	Köszöntések Dr. Balázs L. György 65. születésnapjára	Vasbetonépítés 25 (3), 91-97	https://doi.org/10.32969/VB.2023.3.8	fib Magyar Tagozat - Journal of the Hungarian Group of fib	Budapest	2023	1586-0361
119	Nagy-György T.	Research results on structural strengthening with FRP composites–State of the art from Timișoara	Concrete Structures	https://doi.org/10.32970/CS.2023.1.9	Journal of the Hungarian Group of fib	Budapest	2023	1586-0361
120	Nagy-György T.	Gorgeous Building with Great Challenges	2nd Ybl Conference on the Built Environment, Óbuda University		Ybl Miklós Faculty of Architecture and Civil Engineering	Budapest	2024	978-963-449-360-0
121	Nagy-György T.	Dr. Jancsó Árpád 70. születésnapjára	Vasbetonépítés 26 (1)		fib Magyar Tagozat - Journal of the Hungarian Group of fib	Budapest	2024	1586-0361
122	Cătălin BADEA, Sorin DAN, Constantin FLORESCU, Liliana COTOARBĂ	RECYCLING OF DRY DESULPHURISATION GYPSUM AND FLY ASH INTO BUILDING MATERIALS	Scientific Bulletin of the Politehnica University of Timisoara. Transactions on Hydrotechnics/		EDITURA POLITEHNICA	TIMISOARA	2020	ISSN 1224-6042
123	ADRIANA TOKAR, LUMINITA FEKETE - NAGY, CATALIN BADEA, DANUT TOKAR, ALEXANDRU FEKETE-NAGY	Wastewater and Abrasive Sludge Recycling Solutions from Abrasive Water Jet Cutting Machines (AWJCM)	“HIDRAULICA” (No. 2/2022) Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics				2022	ISSN 1453 – 7303
124	Alexandru-Francisc Fekete-Nagy, Alexandra Dragoi-Anghel, Sorin Dan, Luminita Fekete-Nagy, Catalin Badea	THE USE OF PERLITE AS AN INNOVATIVE MATERIAL IN CONSTRUCTIONS	Scientific Bulletin of the Politehnica University of Timisoara. Transactions on Hydrotechnics/				2023	ISSN 1224-6042
125	Alexandra Drăgoi-Anghel, Alexandru-Francisc Fekete-Nagy, Sorin Dan, Cătălin Badea, Luminița Fekete-Nagy	THE USE OF FLY ASH: ENHANCING PERFORMANCE IN BUILDING MATERIALS	Scientific Bulletin of the Politehnica University of Timisoara. Transactions on Hydrotechnics/				2023	ISSN 1224-6042
126	Simon Pescari, Alexandru Florin Pitroacă, Mircea Răzvan Mercea, Valeriu-Augustin Stoian	Glazed elements in constructions. Evaluation methods of characteristics and their impact on energy performance	Revista Romana de Inginerie Civila; 2023, Vol. 14 Issue 2, p87-95, 9p	https://doi.org/10.37789/rjce.2023.14.2.3	Revista Romana de Inginerie Civila, Volumul 14	Bucuresti	2023	2068-3987

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127	Clara-Beatrice Vilceanu, Simon Pescari, Sorin Herban, Laurențiu Budău	COMPARATIVE STUDY OF 3D MODELING BY SHORT-RANGE PHOTOGRAMMETRY	Scientific Bulletin of the Politehnica University of Timisoara. Transactions on Hydrotechnics / Buletinul Stiintific al Universitatii Politehnica din Timisoara. Seria Hidrotehnica; 2021, Vol. 67 Issue 1, p45-49, 5p	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.researchgate.net/profile/Simon-Pescari/publication/370561612_COMPARATIVE_STUDY_OF_3D_MODELING_BY_SHORT-RANGE_PHOTOGRAMMETRY/links/6456277c97449a0e1a7f7c03/COMPARATIVE-STUDY-OF-3D-MODELING-BY-SHORT-RANGE-PHOTOGRAMMETRY.pdf	Scientific Bulletin of Politehnica University Timisoara, Transactions on HYDROTEHNICS	Timisoara	2022	1224-6042
128	Simon Pescari, Clara-Beatrice Vilceanu, Merea Mircea, Pitroacă Alexandru, Ovidiu Marcel SÎRBU	MODELING OF JIMBOLIA LANDFILL IN VIEW OF ECOLOGIZATION	Scientific Bulletin of the Politehnica University of Timisoara. Transactions on Hydrotechnics / Buletinul Stiintific al Universitatii Politehnica din Timisoara. Seria Hidrotehnica; 2021, Vol. 67 Issue 1, p50-55, 5p	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.researchgate.net/profile/Simon-Pescari/publication/370561920_MODELING_OF_JIMBOLIA_LANDFILL_IN_VIEW_OF_ECOLOGIZATION/links/645628a4809a535021516d15/MODELING-OF-JIMBOLIA-LANDFILL-IN-VIEW-OF-ECOLOGIZATION.pdf	Scientific Bulletin of Politehnica University Timisoara, Transactions on HYDROTEHNICS	Timisoara	2022	1224-6042
129	Adrian Caraiman, Sorin Dan, Simon Pescari	SUSTAINABLE DEVELOPMENT AND CIRCULAR ECONOMY IN THE BUILT ENVIRONMENT	Annals of 'Constantin Brancusi' University of Targu-Jiu. Economy Series, 2023, Issue 1, p265-271. 7p	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.utgjiu.ro/revista/ec/pdf/2023-01/33_Caraiman2.pdf	Târgu Jiu: Academica Brâncuș		2023	1844-7007

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130	Adrian Caraiman, Sorin Dan, Simon Pescari	GREEN BUILDINGS AND THEIR BENEFITS IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT	Annals of 'Constantin Brancusi' University of Targu-Jiu. Economy Series, 2023, Issue 1, p194-201. 8p	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.researchgate.net/profile/Simon-Pescari/publication/370561771_GREEN_BUILDINGS_AND_THEIR_BENEFITS_IN_THE_CONTEXT_OF_SUSTAINABLE_DEVELOPMENT/links/645624ce5762e95ac37828c6/GREEN-BUILDINGS-AND-THEIR-BENEFITS-IN-THE-CONTEXT-OF-SUSTAINABLE-DEVELOPMENT.pdf	Târgu Jiu: Academica Brâncuș	Târgu Jiu	2023	1844-7007
131	Adrian Caraiman, Sorin Dan, Simon Pescari	BUILDINGS AND THEIR IMPACT ON THE ENVIRONMENT IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT	Annals of 'Constantin Brancusi' University of Targu-Jiu. Economy Series, 2023, Issue 2, p118-124. 7p	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.utgjiu.ro/revista/ec/pdf/2023-02/10_Caraiman.pdf	Târgu Jiu: Academica Brâncuș	Târgu Jiu	2023	1844-7007
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133	Tokar Adriana, Ţoropoc Mirela, Muntean Daniel, Tokar Dănuț, Popa-Albu Simona	Proposals for the separation of inorganic components from technological wastewater in order to reduce landfills	7th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2022	https://doi.org/10.1063/5.0170357	AIP Conference Proceedings	Praga	2022	ISSN 0094-243X
134	Daniel Muntean; Matei Mirza; Adriana Tokar; Danut Tokar	Modernization of the heat supply system of the university of agricultural sciences and Veterinary Medicine of Banat, from Timisoara	7th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2022	https://doi.org/10.1063/5.0170360	AIP Conference Proceedings	Praga	2022	ISSN 0094-243X
135	Tokar Danut; Tokar Adriana; Muntean Daniel; Visan Alin	The impact of environmental conditions on the performance of polycrystalline photovoltaic panels	7th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2022	https://doi.org/10.1063/5.0170359	AIP Conference Proceedings	Praga	2022	ISSN 0094-243X
136	Danut Tokar, Adriana Tokar, Alexandra Rusen, Catalin Dragota	Experimental model for the study of energy conversion and storage in compressed air. Backup power supplies	INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS: ICNAAM2022	https://doi.org/10.1063/5.0213354	AIP Conference Proceedings	Heraklion	2022	ISSN 0094-243X
137	Tokar Adriana, Muntean Daniel	Reducing operating costs in district heating systems by optimizing functional parameters. Comparative studies	14th International Conference on Hydroinformatics 04/07/2022 - 08/07/2022 Bucharest, Romania	doi:10.1088/1755-1315/1136/1/012060	IOP Conference Series: Earth and Environmental Science	București	2023	ISSN 1755-1315
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139	Dan-Adrian Popescu, Valeriu Stoian, Sorin-Codruț FLORUȚ	EXEMPLU DE CALCUL LA STRĂPUNGERE AL UNUI PLANȘEU DALĂ CONFORM EUROCOD 2	AICPS Review 1/2021	https://www.aicps.ro/revista/aicps-review-1-2021	MARLINK	București	2021	2067-4546

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140	Andrei-Costin TEODORESCU , Tamás NAGY-GYÖRGY , Radu-Sorin VĂCĂREANU , Sorin-Codruț FLORUȚ	LIMITAREA DAUNELOR STRUCTURALE PROVOCATE DE EXPLOZIILE DE GAZ	AICPS Review 1/2021	https://www.aicps.ro/revista/aicps-review-1-2021	MARLINK	București	2021	2067-4546
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143	Știrb Adelin, Marc Paul, Forton Andrei, Belc Ligia, Buzuriu Alin	Influența compoziției mineralogice a agregatelor naturale asupra adezivității și afinității bitumului	Revista Drumuri și Poduri, volum 271		APDP	București	2020	ISSN 1222-4235
144	Bălă A., Dungan L., Vilceanu C.-B., Herban S.	INFLUENCE OF CLIMATE CHANGE AND URBAN DEVELOPMENT ON GNSS MEASUREMENTS	X International Conference Industrial Engineering and Environmental Protection (IIZS 2020) Proceedings	http://www.tfzr.uns.ac.rs/iizs/files/IIZS%202020%20Proceedings.pdf	Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad	Novi Sad	2020	ISBN 978-86-7672-340-9
145	Vilceanu C.-B., Dungan L., Herban S., Popescu F.	USING THE LASER SCANNING FOR CONSERVATION OF CULTURAL HERITAGE BUILDINGS	X International Conference Industrial Engineering and Environmental Protection (IIZS 2020) Proceedings	http://www.tfzr.uns.ac.rs/iizs/files/IIZS%202020%20Proceedings.pdf	Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad	Novi Sad	2020	ISBN 978-86-7672-340-10
146	David Viorica, Mușat Cosmin Constantin, Belc Ligia, Jianu Maria Roberta	Some Aspects on Using Thermal Images in Monitoring Bituminous Layers	Romania Journal of Transport Infrastructures	10.2478/rjti-2020-0002	Sciendo	București	2020	2286-2218
147	David Viorica, Mușat Cosmin Constantin, Belc Ligia, Jianu Roberta Maria	Monitoring Bituminous Layers Using Thermal 3D Images	Romania Journal of Transport Infrastructures	10.2478/rjti-2020-0002	Sciendo	București	2020	2286-2218
148	drd. Jianu D. M., Grecea C., Marin M.	The Importance of Topo-Geodetic Works for Road Infrastructure Projects	Vol. Drumuri și Poduri nr. 283 The National Technical-Scientific Conference (international participation) Modern Technologies for the 3rd Millenium" the 19th edition -online, Oradea 2020	http://www.apdp.ro/documents/dp/2021/DP_283_2021.pdf	APDP	București	2021	ISSN 1222-4235
149	stud. Delia Tomesc., Carmen Grecea	Introducerea sistemelor de ghidare 3D în execuția lucrărilor de terasamente	Vol. Drumuri și Poduri nr. 282 The National Technical-Scientific Conference (international participation), Modern Technologies for the 3rd Millenium" the 19th edition -online, Oradea 2020 - the 19th edition - „MODERN TECHNOLOGIES FOR THE 3RD MILLENIUM”	http://www.apdp.ro/documents/dp/2021/DP_282_2021.pdf	APDP	București	2021	ISSN 1222-4235
150	Vilceanu Beatrice, Herban Sorin	FLOOD RISK MANAGEMENT USING GIS: ANALYSIS AND IMPLICATIONS OF FLOOD IMPACT IN TIMIS COUNTY, ROMANIA	11th International Conference on Environmental Engineering and Management, Conference Abstracts Book		ECOZONE Publishing House	Iași	2021	ISSN 2457-7049 ISSN-L 2457-7049
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152	Buzatu R., Muntean D., Ungureanu V., Ciutina A., Gireada M., Vitan D.	Holistic energy efficient design approach to sustainable building using monitored energy management system	7th Conference of the Sustainable Solutions for Energy and Environment, EENVIRO 2020	10.1088/1755-1315/664/1/012037	IOP Publishing Ltd	București	2021	ISSN:1755-1307E-ISSN:1755-1315
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154	Adrian Ciutina, Florea Dinu, Ioan Mărginean, Filip Domșa	Robuștețea Fundațiilor Structurilor în Cadre în Cazul Pierderii Unui Stâlp – Studiu de Caz	A XIV-A conferință națională de geotehnică și fundații		Printech	București	2021	ISBN 978-606-23-1250-3

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155	Jianu Roberta, Grecea Carmen	From face to face to remote learning	EDULEARN21 Proceedings	10.21125/edulearn.2021.1096	volum online	Palma	2021	978-84-09-42484-9 2340-1117
156	Forton Andrei, Ciutina Adrian	Comportarea termomecanică a unor materiale bituminoase care conțin asfalt recuperat și un regenerat și impactul procesului de fabricare al acestora asupra mediului înconjurător	Revista Drumuri și Poduri, volum 297		APDP	București	2022	ISSN 1222-4235
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159	MOSCOVICI Anca-Maria, SÎRBU Ovidiu Marcel, VÎLCEANU Clara-Beatrice, HERBAN Sorin, Alexandru IOVANOVICI	Spatial data acquisition for traffic lights intersections as a basis for GIS development in Timisoara, Romania	Nova Geodesia		online	Cluj Napoca	2022	2810-2754
160	Clepe A.D., Vilceanu C.-B., Moscovici A.M., Herban S., Grecea C.	ON THE USE OF REMOTE SENSING SATELLITE IMAGERY AND THEMATIC MAPPING FOR CULTURAL PURPOSES	JOURNAL PANGEEA	DOI:10.29302/Pangeea	AETERNITAS	Alba Iulia	2022	ISSN: 1841-1517
161	V. Gridan, M.R. Jianu	DIGITAL TECHNOLOGIES AND RESOURCES FOR ONLINE LEARNING	EDULEARN22 Proceedings	10.21125/edulearn.2022.0524	volum online	Palma	2022	978-84-09-31267-2 2340-1117
162	M.-R. Jianu, L. M. Ficea, V. Gridan	Blended Learning, The Next Level In Education	ANALELE UNIVERSITĂȚII "CONSTANTIN BRÂNCUȘI" DIN TÂRGU JIU - Seria Economic	https://www.utgjiu.ro/revista/ec/pdf/2022-03/13_Jianu.pdf	EDITURA "ACADEMICA BRÂNCUȘI"	TÂRGU JIU	2022	1844 – 7007
163	Marc Paul, Știrb Adelin, Lucaci Gheorghe, Belc Florin, Forton Andrei	Studiu privind reciclarea la rece a îmbrăcăminților asfaltice vechi	Revista Drumuri și Poduri, volum 308		APDP	București	2023	ISSN 1222-4235
164	Forton Andrei, Ciutina Adrian, Marc Paul, Știrb Adelin	Impactul asupra mediului înconjurător al procesului de fabricare a unor mixturi asfaltice produse cu asfalt recuperat și agent regenerat	Revista Drumuri și Poduri, volum 309		APDP	București	2023	ISSN 1222-4235
165	Forton Andrei, Marc Paul, Știrb Adelin, Lucaci Gheorghe, Belc Florin	Analiza planității longitudinale a suprafeței de rulare pe baza indicatorilor de performanță conform acțiunii COST 354	Revista Drumuri și Poduri, volum 310		APDP	București	2023	ISSN 1222-4235
166	Forton Andrei, Știrb Adelin, Marc Paul, Costescu Ciprian, Lucaci Gheorghe	Analysis of the longitudinal evenness of the wearing course based on performance indicators according to COST 354	Online proceedings of XXVIIth WORLD ROAD CONGRES Prague (Czech Republic)		https://proceedings-prague2023.piarc.org/en/	Praga	2023	Online proceedings
167	David Viorica, Bălă Alina-Corina, Brebu Floarea - Maria, Jianu Maria - Roberta	Termografia – noi tendințe în inspecția instalațiilor de încălzire	Revista Română de Inginerie Civilă, Volumul 14 (2023), Numărul 4	https://rric.ro/reviste/articole/vol14nr4art9.pdf	Matrix Rom	Timișoara	2023	2068-3987
168	Adriana Chesoi, Aurel Stratan, Adrian Ciutina	Influence of reinforced concrete slab on the cyclic response of bolted shear links	Proceedings of 10th Eurosteel conference, 2023	https://doi.org/10.1002/cepa.2723	Wiley / Ernst & Sohn	Amsterdam	2023	ISSN:2509-7075
169	M. - R. Jianu, V. Gridan	OPEN MINDSET AS A LINK BETWEEN CLASSIC AND MODERN IN EDUCATION	INTED2023 Proceedings	10.21125/inted.2023.1249	volum online	Valencia	2023	978-84-09-49026-4 2340-1079
170	V. David, A.-C. Bălă, F.-M. Brebu, M.-R. Jianu	Thermography-new trends in heating installation inspection	Revista Romana de Inginerie Civila	10.37789/rjce.2023.14.4.9	Matrix Rom	Bucuresti	2023	2068-3987
171	Știrb Adelin, Rotundu Ligia, Marc Paul, Lucaci Gheorghe, Forton Andrei	Analiza privind alegerea metodei de elaborare a dozajelor pentru o mixtură asfaltică	Revista Drumuri și Poduri, volum 319		APDP	București	2024	ISSN 1222-4235
172	Știrb Adelin, Marc Paul, Forton Andrei, Lucaci Gheorghe	Analiza comparativă a răspunsului structurii rutiere cu legătura totală/parțială între straturi la acțiunea traficului	Revista Drumuri și Poduri, volum 316		APDP	București	2024	ISSN 1222-4235
173	Ciprian Costescu, Belc Florin, Rotundu Ligia	Măsuri de intervenție asupra rețelelor de transport afectate de calamități	Revista Drumuri și Poduri, volum 318		APDP	București	2024	ISSN 1222-4235

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174	Forton Andrei, Marasteanu Mihai, Marc Paul, Stirb Adelin	Evaluation and estimation of delta Tc parameter of several rejuvenated bituminous binder blends	Proceedings of the 8th E&E Congress		GUARANT International spol. s.r.o.	Budapesta	2024	978-2-39068-050-5
175	BREBU Floarea - Maria, BĂLĂ Alina-Corina , MUȘAT Cosmin-Constantin	Lidar vs Thermal Camera: monitoring building energy losses - bibliographic review	Revista Română de Inginerie Civilă, Volumul 15 (2024), Numărul 4	https://rric.ro/reviste/articole/vol15nr4art12.pdf	Matrix Rom	Timișoara	2024	2068-3987
176	F.M. Brebu, C.C. Mușat, C.B. Vilceanu, I.S. Herban, C. Grecea	A Review of Geospatial Data Analysis and Visualization Using Machine Learning	RevCAD 36/2024, Journal of Geodesy and Cadastre	http://revcad.uab.ro/index.php?pagina=pg&id=57&l=en	Universitatea "1 Decembrie 1918" Alba Iulia	Alba Iulia	2024	2068-5203
177	Crîșan A., Șueran A., Andrei C., Vilceanu C.B.	Cerinte de scanare si modelare BIM pentru structuri metalice	Revista Construcțiilor			București	2024	1841-1290
178	Buzatu R., Ungureanu V., Ciutina A., Both I.	Environmental Impact Assessment of Buildings with Steel-Intensive Façade Systems – A Case Study	4th International Conference on Coordinating Engineering for Sustainability and Resilience and the Midterm Conference of the COST Action CircularB on Implementation of Circular Economy in the Built Environment, CESARE 2024	10.1007/978-3-031-57800-7_53	Springer Science and Business Media Deutschland GmbH	IOP Publishing Ltd	2024	ISSN 23662557 ISBN 978-303157799-4
179	Don, Rafaela, Vulcu, Cristian, Ciutina, Adrian, Stratan, Aurel	Influence of the RFS Geometry on the Performance of Dissipative Slim-Floor Beam-to-Column Joints	4th International Conference on Coordinating Engineering for Sustainability and Resilience and the Midterm Conference of the COST Action CircularB on Implementation of Circular Economy in the Built Environment, CESARE 2024	10.1007/978-3-031-62884-9_33	Springer Science and Business Media Deutschland GmbH	IOP Publishing Ltd	2024	ISSN 23662557 ISBN 978-303157799-4
180	Stirb, Adelin, Ciutina, Adrian, Forton, Andrei, Costescu, Ciprian, Marc, Paul	Analysis of the Pavement Response with Total/Partial Link Between Layers to the Action of Traffic Load	4th International Conference on Coordinating Engineering for Sustainability and Resilience and the Midterm Conference of the COST Action CircularB on Implementation of Circular Economy in the Built Environment, CESARE 2024	10.1007/978-3-031-57800-7_6	Springer Science and Business Media Deutschland GmbH	IOP Publishing Ltd	2024	ISSN 23662557 ISBN 978-303157799-4
181	Szalai, Viktor, Stratan, Aurel, Ciutina, Adrian, Clepe, Andreea Diana, Ene, Anna	Procedure for Generation of Finite Element Models of Steel Members from 3D Scanned Data	4th International Conference on Coordinating Engineering for Sustainability and Resilience and the Midterm Conference of the COST Action CircularB on Implementation of Circular Economy in the Built Environment, CESARE 2024	10.1007/978-3-031-57800-7_14	Springer Science and Business Media Deutschland GmbH	IOP Publishing Ltd	2024	ISSN 23662557 ISBN 978-303157799-4
182	Mosnoi, E.; Stratan, A.; Voica, T. F.	Assessment of code-based design approach of buckling restrained braced frames in P100-1/2013 using pushover analysis	IOP Conference Series: Materials Science and Engineering, Vol. 789 (CIBv2019 – Civil Engineering and Building Services)	https://doi.org/10.1088/1757-899X/789/1/012042	IOP Publishing	Brașov	2020	1757-8981 / 1757-899X
183	NAGY-GYORGY Tamas, BOROS Jozsef, CRISAN Andrei	Egy szelerezkeny tetoszerkezet szamitasi erdekessegei" (in eng. Computational curiosities of a wind-sensitive roof structure)	24th International Conference on Civil Engineering and Architecture	https://ojs.emt.ro/EPKO/issue/view/14	on-line	on-line	2020	ISSN 2734-4525
184	Vulcu, C.; Pinkawa, M.; Stratan, A.; Hoffmeister, B.	Enhanced structural resilience through the use of 'leaf-spring' columns and replaceable dissipative components	EURODYN 2020 – XI International Conference on Structural Dynamics, Proceedings	https://doi.org/10.47964/1120.9258.20404	Institute of Structural Analysis and Antiseismic Research (NTUA)	Athens	2020	978-618-85072-1-0
185	Buzatu R.I., Ungureanu V.	Environmental and economic benefits of building with reclaimed elements	19th edition International Technical-Scientific e-Conference „Modern Technologies for the 3rd Millennium”, 23 October 2020, Oradea, Romania	NA	Editografica	Bologna, Italy	2020	978-88-87729-68-9
186	Vulcu, C.; Don, R.; Ciutina, A.; Stratan, A.	Experimental and numerical investigation of beam-to-column joints for slim-floor systems in seismic zones	Seismic Design of Industrial Facilities 2020: Proceedings of the 2nd SeDIF-Conference		Apprimus Verlag	Aachen	2020	978-3-86359-729-0
187	Chesoan, A.; Stratan, A.; Neagu, C.; Dubină, D.	Experimental investigation of the length influence on removable links	Proceedings IRF2020: 7th International Conference on Integrity-Reliability-Failure		INEGI-FEUP	Funchal	2020	978-989-54756-1-2
188	Chesoan, A.; Stratan, A.; Dubină, D.	Influence of link length on re-centring capability of dual eccentrically braced frames	IOP Conference Series: Materials Science and Engineering, Vol. 789 (CIBv2019 – Civil Engineering and Building Services)	https://doi.org/10.1088/1757-899X/789/1/012009	IOP Publishing	Brașov	2020	1757-8981 / 1757-899X

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
189	Cristian A.A., Ungureanu V.	Numerical Investigation of Built-up Cold-Formed Steel Beams with Web Opening	19th edition International Technical-Scientific e-Conference „Modern Technologies for the 3rd Millennium”, 23 October 2020, Oradea, Romania	NA	Editografica	Bologna, Italy	2020	978-88-87729-68-9
190	Fülöp L.A., Ungureanu V., Nagy Zs., Muntean D.M.	Opportunities and barriers to the deep rehabilitation of the collective buildings in East Europe	SAFESUST2 - SURECON Workshop, 23-24 October, 2018, JRC Conference and Workshop Report „A Roadmap for a Sustainable Integrated Retrofit of Concrete Buildings”, JRC119041	http://dx.doi.org/10.2760/35903	Office of the European Union	Luxembourg	2020	978-92-76-23864-5
191	Voica, T. F.; Stratan, A.	Review of damage-tolerant solutions for improved seismic performance of buildings	IOP Conference Series: Materials Science and Engineering, Vol. 789 (CIBv2019 – Civil Engineering and Building Services)	https://doi.org/10.1088/1757-899X/789/1/012062	IOP Publishing	Braşov	2020	1757-8981 / 1757-899X
192	Ungureanu V., Fülöp L.A., Ciutina A., Botici A.A., Dubina D.	Structural and thermal interventions for rehabilitation of precast large concrete panels for residential buildings	SAFESUST2 - SURECON Workshop, 23-24 October, 2018, JRC Conference and Workshop Report „A Roadmap for a Sustainable Integrated Retrofit of Concrete Buildings”, JRC119041	http://dx.doi.org/10.2760/35903	Office of the European Union	Luxembourg	2020	978-92-76-23864-5
193	Raluca Buzatu, Daniel Muntean, Adrian Ciutina, Viorel Ungureanu	Thermal Performance and Energy Efficiency of Lightweight Steel Buildings: a Case-Study	IOP Conf. Series: Materials Science and Engineering vol 960	https://doi.org/10.1088/1757-899X/960/3/032099	Purpose-Led Publishing		2020	1757-899X, 1757-8981
194	Dubina D., Dinu F., Ungureanu V.	Using Steel Solutions to Enhance Seismic Resilience of Reinforced Concrete Buildings	SAFESUST2 - SURECON Workshop, 23-24 October, 2018, JRC Conference and Workshop Report „A Roadmap for a Sustainable Integrated Retrofit of Concrete Buildings”, JRC119041	http://dx.doi.org/10.2760/35903	Office of the European Union	Luxembourg	2020	978-92-76-23864-5
195	A. Ciutina, M. Mirea, A. Ciopec, V. Ungureanu, R. Buzatu, R. Morovan	Behaviour of wedge foundations under axial compression	The 7th Conference of the Sustainable Solutions for Energy and Environment, EENVIRO 2020, 21 - 23 October, Bucharest, Romania, IOP Conference Series: Earth and Environmental Science, 2021, 664(1), 012036	http://dx.doi.org/10.1088/1755-1315/664/1/012036	IOP Conference Series	UK	2021	1755-1307
196	Veljković, M.; Couchaux, M.; Girão Coelho, A. M.; Može, P.; Stratan, A.; Wald, F.	Design of joints – A short review of prEN1993-1-8:2021 revision	Simpozijum Društva građevinskih konstruktora Srbije – Zbornik radova		Univerzitet u Beogradu – Građevinski fakultet / DGKS	Arandelovac / Beograd	2021	978-86-7518-211-5
197	Radu Bogdan, Ungureanu Viorel, Both Ioan, Burcă Mircea, Benzar Stefan, Dubină Dan	Experimental Investigations on Capabilities of Resistance Spot Welding and MIG Brazing for Producing Corrugated Beams Using Galvanized Steel Sheets. Advanced Materials Research	Advanced Materials Research Submitted, Vol. 1164, pp. 47-54	http://dx.doi.org/10.4028/www.scientific.net/AMR.1164.47	Trans Tech Publications Ltd	Baech, Switzerland	2021	1662-8985
198	Radu Bogdan, Ungureanu Viorel, Both Ioan, Burcă Mircea, Benzar Stefan, Dubină Dan	Experimental Researches on Using Resistance Spot Welding for Built-Up Cold-Formed Beams Made of Corrugated Galvanized Steel Sheets	Advanced Materials Research Submitted, Vol. 1164, pp. 3-8, ISSN: 1662-8985	http://dx.doi.org/10.4028/www.scientific.net/AMR.1164.3	Trans Tech Publications Ltd	Baech, Switzerland	2021	1662-8985
199	Ioan Andrei Gîrbacea, Viorel Ungureanu	Finite element analysis of overlapped Z-purlins restrained by sheeting	6th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium WMCAUS 2021 / 2021 IOP Conf. Ser.: Mater. Sci. Eng. 1203 032077	http://dx.doi.org/10.1088/1757-899X/1203/3/032077	IOP Conference Series	UK	2021	1757-8981
200	Dubina D., Dinu F., and Ioan Marginean	Influence of connection properties on the robustness of steel storage racks under forklift truck impact	IX Connections, 9th International Workshop on Connections in Steel Structures	https://events.cmm.pt/connectionsix/documents/INDEX_IX_CONNECTIONS.pdf	ECCS – European Convention for Constructional Steelwork	Coimbra	2021	978-92-9147-195-9
201	Viorel Ungureanu, Ivan Lukačević, Ioan Both, Dan Dubina	Numerical investigations on built-up cold-formed steel beams for long spans	ce/papersVolume 4, Issue 2-4: EUROSTEEL 2021 Sheffield — Steel's coming home	https://doi.org/10.1002/cepa.1550	Ernst & Sohn, A Wiley Brand	Berlin	2021	2509-7075

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202	I. Lukačević, V. Ungureanu, A. Valčić, I. Čurković	Numerical study on bending resistance of cold-formed steel back-to-back built-up elements	ce/papersVolume 4, Issue 2-4: EUROSTEEL 2021 Sheffield — Steel's coming home	https://doi.org/10.1002/cepa.1320	Ernst & Sohn, A Wiley Brand	Berlin	2021	2509-7075
203	Gabriel Vasilescu, Florea Dinu, Attila Kovacs, Robert Laszlo and Claudia Miron	Safety assessment of industrial locations under the effects generated by controlled explosions	9th edition of the International Multidisciplinary Symposium "UNIVERSITARIA SIMPRO 2021": Quality and Innovation in Education, Research and Industry – the Success Triangle for a Sustainable Economic, Social and Environmental Development"	https://doi.org/10.1051/mateconf/202134201001	EDP Sciences	Petrosani	2021	2261-236X
204	Dubina Dan, Czechowski Leszek, Kotelko Maria and Ungureanu Viorel	Some aspects of buckling behavior of channel section members under eccentric compression	8th International Conference on Coupled Instabilities in Metal Structures (CIMS 2021), Lodz University of Technology, Poland, July 12-14, 2021	http://dx.doi.org/10.2139/ssrn.3867138	SSRN, Elsevier	Amsterdam	2021	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3867138
205	Matthias Kraus, Andrei Crisan, Björn Wittor	Stability Study of Cantilever-Beams -Numerical Analysis and Analytical Calculation (LTB)	9th European Conference on Steel and Composite Structures	10.1002/cepa.1539	Ernst&Sohn A Wiley Brand	Sheffield	2021	
206	M. Kuhnhenne, K. Janczyk, P. Hradil, M. Sansom, J. Kesti, V. Ungureanu, V. Dehan and P. Kamrath	Wiederverwendung im Stahlbau und Metallleichtbau in Europa	Nachhaltigkeit, Ressourceneffizienz und Klimaschutz – Konstruktive Lösungen für das Planen und Bauen – Aktueller Stand der Technik	NA	Ernst&Sohn Verlag	Berlin	2021	978-3-433-03334-0
207	Ioan Andrei Gîrbacea, Viorel Ungureanu	Design Assisted by Finite Element of Z-Purlins with Overlapping under Gravity Loading	SDSS 2022, The International Colloquium on Stability and Ductility of Steel Structures, September 14–16, 2022, Volume 5 / September 2022 / Issue 4	https://doi.org/10.1002/cepa.1736	Ernst & Sohn, A Wiley Brand	Berlin	2022	2509-7075
208	Ciutina, A.; Don, R.; Vulcu, C.; Stratan, A.	Experimental evaluation of a continuous slim-floor beam-to-column joint	Connections IX: Proceedings of the 9th International Workshop on Connections in Steel Structures		ECCS – European Convention for Constructional Steelwork	Coimbra	2022	978-92-9147-195-9
209	A.I. Țăpirdea, A.C. Fîru, S. Hernea, G. Drăghici, O.R. Chivu	Fabrica inteligentă în domeniul auto în Industria 4.0	Fabrica inteligentă în domeniul auto în Industria 4.0			Cluj-Napoca	2022	1453-0384
210	Veljkovic, M.; Couchaux, M.; Girão Coelho, A. M.; Može, P.; Stratan, A.; Wald, F.	Joint design in revised EN 1993-1-8:202x	Connections IX: Proceedings of the 9th International Workshop on Connections in Steel Structures		ECCS – European Convention for Constructional Steelwork	Coimbra	2022	978-92-9147-195-9
211	Dominiq Jakab, Florea Dinu, Aurel Stratan, Ioan Marginean, Dan Dubina	Multi-hazard Robustness Assessment of Seismic Resistant Dual Frame Concentrically Braced Frames	Proceedings of the 10th International Conference on Behaviour of Steel Structures in Seismic Areas		Springer		2022	2366-2557
212	E. Petzeck, G. Ispasoiu, E. Metes, A. Feier, Silvia Hernea,	Poduri cu confecție metalică sudată. Aplicabilitate, principii și aspecte practice	Revista Sudura			Cluj-Napoca	2022	1453-0384
213	F. Enache, O. Chivu, A. Feier, S. Hernea	Study of the technology of joining by vibration of thermoplastic materials used in the automotive sector	Journal of Research and Innovation for Sustainable Society				2022	2668-0416
214	Viorel Ungureanu, Markus Kuhnhenne, Carl Richter, Silviu Capucean	Sustainable Prefabricated Modular Buildings	3rd Coordinating Engineering for Sustainability and Resilience - CESARE'22, May 6th – 9th, 2022, Irbid, Jordan	NA	Jordan University of Science and Technology	Irbid	2022	2788-6204
215	Ioan Both, Florin Bodea, Viorel Ungureanu	The Effect of Connections on The Global Response of Built-up Cold-formed Steel Beams with Corrugated Webs	Journal of Building Design and Environment, Vol. 1, Issue 1, pp. 3-12	http://dx.doi.org/10.37155/2811-0730-0101-2	Science Exploration Press	Singapore	2022	2811-0730
216	Florin Liviu Bodea, Ioan Both, Leszek Czechowski, Jacek Jankowski, Maria Kotelko, Viorel Ungureanu	The Influence of Eccentricity on the Behaviour of Thin-Walled Cold-Formed Steel Members with Open Cross-Sections under Compression	SDSS 2022, The International Colloquium on Stability and Ductility of Steel Structures, September 14–16, 2022, Volume 5 / September 2022 / Issue 4	https://doi.org/10.1002/cepa.1744	Ernst & Sohn, A Wiley Brand	Berlin	2022	2509-7075
217	Crisan A., Grecea D., Abrahamczyk L., Dragota Z.	The Use of BIM for Building Permits	Modern Technologies for the 3rd Millennium	https://cloud.uoradea.ro/index.php/s/M3AKrrRALiZsKxZ	Editografica •Bologna (Italy)	on-line/ Oradea	2022	ISBN 978-88-87729-74-0

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218	Corina David, Oana Chivu, Feier Anamaria, Silvia Hernea	Titanium Joining -a brief review of the processes used on this material	Journal of Research and Innovation for Sustainable Society				2022	2668-0416
219	I. Lukačević, A. Rajić, V. Ungureanu, R. Buzatu	A comparative life-cycle assessment of structural composite steel-concrete floor systems – A case study	Life-Cycle of Structures and Infrastructure Systems / PROCEEDINGS OF THE EIGHTH INTERNATIONAL SYMPOSIUM ON LIFE-CYCLE CIVIL ENGINEERING (IALCCE 2023), 2-6 JULY, 2023, POLITECNICO DI MILANO, MILAN, ITALY	https://doi.org/10.1201/9781003323020-91	CRC Press, Taylor & Francis Group	Milano	2023	978-1-003-32302-0
220	R. Buzatu, V. Ungureanu, P. Hradil	Environmental and economic impact of steel industrial buildings made of reclaimed elements	Life-Cycle of Structures and Infrastructure Systems / PROCEEDINGS OF THE EIGHTH INTERNATIONAL SYMPOSIUM ON LIFE-CYCLE CIVIL ENGINEERING (IALCCE 2023), 2-6 JULY, 2023, POLITECNICO DI MILANO, MILAN, ITALY	https://doi.org/10.1201/9781003323020-160	CRC Press, Taylor & Francis Group	Milano	2023	978-1-003-32302-0
221	Florea Dinu, Calin Neagu, Mihai Senila, Dan Dubina, Viorel Ungureanu	Experimental evaluation of the ultimate strength of wall sandwich panels under transverse loads	ce/papers: Volume 6, Issue 3-4, EUROSTEEL 2023	https://doi.org/10.1002/cepa.2323	Ernst & Sohn, A Wiley Brand	Amsterdam	2023	2509-7075
222	Ene, A.; Stratan, A.; Both, I.; Abrudan, O.; Dașcău, H.; Sirbu, N.-A.	Experimental investigation of monotonic and cyclic behaviour of high-performance steels	Innovative Technologies for Joining Advanced Materials XIII (TIMA22)	https://doi.org/10.4028/p-K0XkeD	Trans Tech Publications / Scientific.Net	Timisoara	2023	978-3-0364-1041-8
223	Dubina, D.; Stratan, A.	Experimental qualification of replaceable bolted links in dual eccentrically braced frames	ce/papers, Vol. 6, Issues 3-4 (EUROSTEEL 2023)	https://doi.org/10.1002/cepa.2472	Wiley / Ernst & Sohn	Amsterdam	2023	2509-7075
224	Florea Dinu, Calin Neagu, Robert Laszlo, Emilian Ghicioi, Mihai Senila	Experimental testing of liner tray walls subjected to near field blast	10th Eurosteel conference	https://doi.org/10.1002/cepa.2323	Ernst & Sohn GmbH	Amsterdam	2023	2509-7075
225	F. Dinu, C. Neagu, S. Lindiri and M. Senila	Influence of fastening systems on the ultimate capacity of steel faced sandwich wall panels under transverse loads	Eighth International Symposium on Life-Cycle Civil Engineering (IALCCE2023)	https://doi.org/10.1201/9781003323020	CRC Press, Taylor & Francis Group	Milano	2023	9.781E+12
226	Ivan Lukačević, Viorel Ungureanu, Ivan Čurković, Vlaho Žuvelek, Andrea Rajić	Investigations on spot weld and shear connections in built-up corrugated web steel-concrete composite beams	11th International Conference on Advances in Steel Structures (ICASS'2023), 5-7 December 2023 - Kuching, Sarawak, Malaysia	NA	Hong Kong Institute of Steel Construction	China	2023	978-988-99140-3-5
227	P.C. Zdrenghea, F. Dinu, S. Herban & C. Neagu	Laser scanning technology for the evaluation of damage in complex building envelopes after extreme load events	Eighth International Symposium on Life-Cycle Civil Engineering (IALCCE2023)	https://doi.org/10.1201/9781003323020	CRC Press, Taylor & Francis Group	Milano	2023	9.781E+12
228	Ene, A.; Stratan, A.	Monotonic and cyclic modelling of structural steel for finite element analysis	Innovative Technologies for Joining Advanced Materials XIII (TIMA22)	https://doi.org/10.4028/p-PgRg9J	Trans Tech Publications / Scientific.Net	Timisoara	2023	978-3-0364-1041-8
229	Ene, A.; Stratan, A.; Both, I.; Abrudan, O.	Monotonic and cyclic response of mild, stainless, and high-strength steels, and their welded connections	ce/papers, Vol. 6, Issues 3-4 (EUROSTEEL 2023)	https://doi.org/10.1002/cepa.2481	Wiley / Ernst & Sohn	Amsterdam	2023	2509-7075
230	D. Dubina, F. Dinu, & J. Dominiq	Multi-hazard robustness assessment of seismic resistant multistory steel frame buildings	Eighth International Symposium on Life-Cycle Civil Engineering (IALCCE2023)	https://doi.org/10.1201/9781003323020	CRC Press, Taylor & Francis Group	Milano	2023	9.781E+12
231	Calin-Ioan Birdean, Ioan Both, Ioan Marginean, Anghel Cernescu	Numerical analysis of an in-line connection for hollow sections	Procedia Structural Integrity -27th International Conference on Fracture and Structural Integrity (IGF27)		Gruppo Italiano Frattura (IGF)		2023	2452-3216
232	Plaitano, F.; Stratan, A.; Chesoa, A.; Nastri, E.	Performance of short links with flush and extended end plate connections using FEM analysis	ce/papers, Vol. 6, Issues 3-4 (EUROSTEEL 2023)	https://doi.org/10.1002/cepa.2692	Wiley / Ernst & Sohn	Amsterdam	2023	2509-7075
233	Florea Dinu, Calin Neagu, Dan Dubina and Constantin Stanciu	RETROFITTING OF AN EXISTING BUILDING WITH CONCRETE WALLS AND STEEL FRAMES FOR GRAVITY LOADS AND PROGRESSIVE COLLAPSE RESISTANCE	Proceedings of the 9th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering	https://generalconferencfiles.s3.eu-west-1.amazonaws.com/com pdyn_2023_ebook_v2.pdf		Atena	2023	978-618-5827-01-4

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234	Florea Dinu, Calin Neagu and Dan Dubina	SINGLE AND MULTI-HAZARD ROBUSTNESS ASSESSMENT OF MULTI-STORY STEEL FRAME BUILDINGS	Proceedings of the 9th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering	https://generalconferencfiles.s3.eu-west-1.amazonaws.com/com_pdyn_2023_ebook_v1.pdf		Atena	2023	978-618-5827-01-4
235	Don, R.; Ciutina, A.; Stratan, A.; Vulcu, C.	Slim-floor beam-to-column joints for seismic-resistant structures: Joint performance and case study on MRFs	Composite Construction in Steel and Concrete IX: Proceedings of the Ninth International Conference		Ernst & Sohn	Berlin	2023	978-3-433-03378-4
236	Don, R. F.; Ciutina, A. L.; Stratan, A.; Vulcu, C. M.	SLIM-FLOOR BEAM-TO-COLUMN JOINTS FOR SEISMIC-RESISTANT STRUCTURES: JOINT PERFORMANCE AND CASE STUDY ON MOMENT-RESISTING FRAMES	ce/papers, Vol. 6, Issue 1	https://doi.org/10.1002/cepa.1942	Wiley / Ernst & Sohn	online	2023	2509-7075
237	D. Dubina, V. Ungureanu, M. Mutiu	Sustainability and seismic resilience of hybrid lightweight residential buildings	Life-Cycle of Structures and Infrastructure Systems / PROCEEDINGS OF THE EIGHTH INTERNATIONAL SYMPOSIUM ON LIFE-CYCLE CIVIL ENGINEERING (IALCCE 2023), 2-6 JULY, 2023, POLITECNICO DI MILANO, MILAN, ITALY	https://doi.org/10.1201/9781003323020-92	CRC Press, Taylor & Francis Group	London	2023	978-1-003-32302-0
238	Both Ioan, Marginean Ioan, Bacalu-Rus Snejana-Denisa, Birdean, Calin-Ioan	The behavior of steel beams with triangular welded hollow flange	Procedia Structural Integrity, vol 47	10.1016/j.prostr.2023.07.017	Elsevier B.V.	Roma	2023	
239	Ioan Both, Ioan Marginean, Snejana-Denisa Bacalu-Rus, Calin-Ioan Birdean	The behavior of steel beams with triangular welded hollow flange	Procedia Structural Integrity -27th International Conference on Fracture and Structural Integrity (IGF27)	10.1016/j.prostr.2023.07.017	Gruppo Italiano Frattura (IGF)	Roma	2023	2452-3216
240	Jean-François Demonceau, Tudor Golea, Ahmed Elghazouli, Aldina Santiago, Florea Dinu, Nadia Baldassino, Ulrike Kuhlmann, Renata Obiala, Klaus Weynand	The FAILNOMORE project – Practice-oriented design recommendations against progressive collapse in steel and steel-concrete buildings	10th Eurosteel conference	https://doi.org/10.1002/cepa.2323	Ernst & Sohn GmbH	Amsterdam	2023	2509-7075
241	Dominic Jakob, Florea Dinu, Calin Neagu, Dan Dubina	The influence of the steel beam-concrete slab interaction on the robustness capacity of steel frames	10th Eurosteel conference	https://doi.org/10.1002/cepa.2323	Ernst & Sohn GmbH	Amsterdam	2023	2509-7075
242	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				2024	1221-5872
243	Marilena De Simone, Viorel Ungureanu, Daniele Campagna	Circular Economy of Wind Turbines Waste in Constructions and Cities	4th International Conference "Coordinating Engineering for Sustainability and Resilience" & Midterm Conference of CircularB "Implementation of Circular Economy in the Built Environment". CESARE 2024. Lecture Notes in Civil Engineering, vol 489	https://doi.org/10.1007/978-3-031-57800-7_55	Springer	Berlin	2024	978-3-031-57799-4
244	Paulo Santos, Viorel Ungureanu, and Luisa Durães	Circular Strategies in Lightweight Steel-Framed (LSF) Buildings and the Research Project Tyre4BuildIns	Creating a Roadmap Towards Circularity in the Built Environment, Springer Tracts in Civil Engineering	https://doi.org/10.1007/978-3-031-45980-1_8	Springer	Berlin	2024	978-3-031-45979-5
245	George Taranu, Viorel Ungureanu, Zsolt Nagy, Septimiu-George Luca, Mihai-Sergiu Alexa-Stratulat, Ionut-Ovidiu Toma	Comparative Experimental Study on Improving Structural Performance of the Base Upright Profiles of Steel Storage Pallet Racks Under Operational Conditions	4th International Conference "Coordinating Engineering for Sustainability and Resilience" & Midterm Conference of CircularB "Implementation of Circular Economy in the Built Environment". CESARE 2024. Lecture Notes in Civil Engineering, vol 489	https://doi.org/10.1007/978-3-031-57800-7_10	Springer	Berlin	2024	978-3-031-57799-4

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246	Dan V. Bumpa, Viorel Ungureanu, Ahmed Y. Elghazouli, Ahamed Afsal	Disassembly and Structural Reuse Potential of Steel-Timber Shear Connections with Screws	4th International Conference "Coordinating Engineering for Sustainability and Resilience" & Midterm Conference of CircularB "Implementation of Circular Economy in the Built Environment". CESARE 2024. Lecture Notes in Civil Engineering, vol 489	https://doi.org/10.1007/978-3-031-57800-7_21	Springer	Berlin	2024	978-3-031-57799-4
247	Ioan Andrei Gîrbacea, José Humberto de Paula Filho, Viorel Ungureanu	Environmental Impact of Cold-Formed Z-shaped Steel Purlins	4th International Conference "Coordinating Engineering for Sustainability and Resilience" & Midterm Conference of CircularB "Implementation of Circular Economy in the Built Environment". CESARE 2024. Lecture Notes in Civil Engineering, vol 489	https://doi.org/10.1007/978-3-031-57800-7_52	Springer	Berlin	2024	978-3-031-57799-4
248	Iosif Hulka, Bogdan Radu, Viorel Ungureanu, Nicușor-Alin Sirbu	Microstructural Investigation and Mechanical Properties of Resistance Spot Welding Joints of Mild Steel Sheets	Key Engineering Materials, Vol. 989, pp 57-63	http://dx.doi.org/10.4028/p-cTs001	Trans Tech Publications Ltd	Baech, Switzerland	2024	1662-9795
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250	Stratan, A.; Boloș, B.	Proiectarea cadrelor metalice cu contravântuiri excentrice pe baza Eurocodului 8	Conferința Națională de Construcții Metalice (CNCM18), Cluj-Napoca, 15–16 aprilie 2024			Cluj-Napoca	2024	
251	Both Ioan, Ungureanu Viorel, Burca Mircea, Popescu Alin, Cristian Antonio-Andrei, Biholar Aurelia-Ioana	Resistance of the Steel Lap Joints Connected by Spot Welding and Brazing	Key Engineering Materials, Vol. 991, pp. 97-108	http://dx.doi.org/10.4028/p-d69uFh	Trans Tech Publications Ltd	Baech, Switzerland	2024	1662-9795
252	Ungureanu, V., Both, I., & Cristian, A. A.	Resistance of thin sheets lap joints connected by spot welding and brazing	ce/papers: Volume 7, Issue 1-2, XIV Conference on Steel and Composite Construction	https://doi.org/10.1002/cepa.3044	Ernst & Sohn, A Wiley Brand	Berlin	2024	2509-7075
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254	Isaincu Alexandru; Micota Dan; Marsavina Liviu; Ungureanu Viorel	The influence of wall thickness on the fracture toughness of short fiber reinforced polymers obtained using single edge cracked test specimens	Procedia Structural Integrity, Volume 56, Pages 167-175 (2023 Structural Integrity and Reliability of Advanced Materials Obtained Through Additive Manufacturing, SIRAMM 2023, Timisoara, 8-11 March 2023, Code 198457	http://dx.doi.org/10.1016/j.prostr.2024.02.052	Elsevier	Amsterdam	2024	2452-3216
255	Andrei Crisan, Andrei Sueran, Catalin Andrei, Beatrice Vilceanu	Cerinte de scanare si modelare BIM pentru structuri metalice	A XVIII-a Conferinta Nationala de Constructii Metalice, 15-17 aprilie 2024		UTCN	Cluj-Napoca	2024	https://www.con-steel.ro/
256	Beilicci Erika, Ștefănescu Camelia, Beilicci Robert	The influence of grazing on hydrological regime in a small hydrographical basin	Scientific Papers Animal Science and Biotechnologies, 53(2)	https://spasb.ro/index.php/public_html/article/view/773	AGROPRINT	Timișoara	2020	ISSN print 1841 - 9364 ISSN online 2344 - 4576
257	Beilicci Erika, Beilicci Robert	Influence of Rainfall Characteristics on Runoff in a Small Watershed	Air and Water – Components of the Environment” Conference Proceedings	DOI: 10.24193/AWC2021_13 https://aerapa.conferinta.ubbcluj.ro/2021/PDF/13_Beilicci_p_141_148.pdf	Presa Universitară	Cluj-Napoca	2021	ISSN 2067-743X

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258	Beilicci Robert, Beilicci Erika	Advance Hydraulic Modelling of Barzava River, Romania, Caras Severin County	Air and Water – Components of the Environment” Conference Proceedings	DOI: 10.24193/AWC2021_17 https://aerapa.conferenc.e.ubbcluj.ro/2021/PDF/17_Beilicci_p_181_188.pdf	Presa Universitară	Cluj-Napoca	2021	ISSN 2067-743X
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264	Beilicci Erika, Ștefănescu Camelia, Beilicci Robert	Possibilities for capitalizing on organic matter from livestock farms	Scientific Papers Animal Science and Biotechnologies, 55(1)	https://www.spasb.ro/index.php/public_html/article/view/99	AGROPRINT	Timișoara	2022	ISSN print 1841 - 9364 ISSN online 2344 - 4576
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271	Mihaela Ivona Guran, T. E. Man, Beilicci Robert, Daniela Stoica, M. Ilca, Elena Mariana Cîmpean	Lowland accumulations in Timiș county for flood protection.	Research Journal of Agricultural Science, vol. 54 nr.3, 2022, ISSN 2066-1843 pag. 82-91	https://www.rjas.ro/paper_detail/3660	AGROPRINT	Timișoara	2022	ISSN 2066-1843
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278	Man Teodor Eugen, Beilicci Robert, Cojocinescu Mihaela, Untaru Cristina, Pasc Antonia, Ilca Marian, Beilicci Erika	Arrangement of sprinkler irrigation made using water from drainage canals in Romania, Timiș county	Scientific Bulletin of the „POLITEHNICA” University of Timișoara, Transactions on HYDROTECHNICS, Tom 68 (82), Fascicola 1	https://www.ct.upt.ro/buletinhydro/2023-1/L10-ARRANGEMENT%20OF%20SPRINKLER%20IRRIGATION.pdf	POLITEHNICA	Timișoara	2023	ISSN 1224-6042

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280	Beilicci Erika, Beilicci Robert	The study of the variation of the hydrological regime in a representative hydrographic basin during a hydrological cycle	"Air and Water – Components of the Environment" Conference Proceedings	DOI: 10.24193/AWC2024_14 https://aerapa.conferenc.e.ubbcluj.ro/2024/pdf/147_158_Beilicci%20Erika_AWC_2024.pdf	Presa Universitară	Cluj-Napoca	2024	ISSN: 2067-743X
281	Gherman Vasile, Vily Cimpoiasu, Corina Moga, Radu Popa	DYNAMIC MODEL FOR DECISION LOGICS OF NITROGEN MANAGEMENT IN RAS	Proceedings of ISB-INMA TEH	https://www.cabidigitallibrary.org/doi/pdf/10.5555/20230113273	CABI		2023	Print: ISSN 2344 - 4118, Online: ISSN 2537 – 3773
282	Alina Girbaci, Cristian Girbaci, Camelia Stefanescu, Adia Grozav	SOLUTIONS AND CHALLENGES FOR SUSTAINABLE INTEGRATED MANAGEMENT OF STORMWATER IN URBANIZED AREAS FROM ROMANIA	Engineering for Rural Development	DOI:10.22616/ERDev.2023.22.TF148		Jelgava	2023	16913043
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312	Diana Andone, Vlad Mihaescu, Radu Vasiu	ABCtoVLE - ABC-LD Course Design Experiences for Blended and Online Education	16th International Scientific Conference eLearning and Software for Education	https://doi.org/10.12753/2066-026X-20-188		București	2020	ISSN 2066-026X, e-ISSN 2543-7669
313	D. Andone, R. Vasiu, V. Mihaescu, D. Stoica, S. Vert, A. Ternauciu, M. Mocofan	DEVELOPING DIGITAL COMPETENCES FOR CREATIVE INDUSTRIES - DIGICULTURE COURSES	15th International Technology, Education and Development Conference (INTED 2021)	http://dx.doi.org/10.21125/inted.2021	IATED		2021	ISBN 978-84-09-27666-0
314	Vlad Mihaescu, Diana Andone, Radu Vasiu	DigiCulture MOOC Courses Piloting with Students	EMOOCs 2021	https://doi.org/10.25932/publishup-51733	Universitätsverlag Potsdam	Potsdam	2021	ISBN 978-3-86956-512-5
315	Andone Diana, Andrei Ternauciu, Vlad Mihaescu, Hendrik Knoche, Bastian Ilso Hougaard, Ingeborg Goll Rossau, Radu Vasiu	Course Certification And Open Badges For Digital Culture Education	13th International Conference on Education and New Learning Technologies	10.21125/edulearn.2021	IATED		2021	ISBN: 978-84-09-31267-2 / ISSN: 2340-1117
316	Vlad Mihaescu, Diana Andone, Nicolae Bibu, Mihail Lisetchi, Sabine Vareta-Pekarz, Anastasios Ntabizas, Adrian Solomon	Creative and Cultural Entrepreneurship Curricula and Learning Framework	EDEN Research Workshop	https://www.proceedings.com/73103.html	European Distance and E-Learning Network		2022	ISSN: 2707-2819
317	Andone, D., Vert, S., Tataru, M., Berzescu, S., Mihaescu, V.	Creating Virtual Reality Stories for Cultural Heritage Through Student Contest	International XR Conference	http://dx.doi.org/10.1007/978-3-031-25390-4_16	Springer		2022	ISBN:978-3-031-25389-8
318	Evrin Genc-Kumtepe, Tim Brueggemann, Rita Butkienė, Diana Andone, Carlos Vaz de Carvalho, Elif Toprak, Sonja Intveen, Daina Gudonienė, Vlad Mihaescu, Olga Zubikova, Cengiz Hakan Aydin	Teacher Experiences in Creating and Integrating MOOCs into Formal Courses	IODL 2022	https://doi.org/10.5281/zenodo.7488343			2022	ISBN: 978-975-06-4368-2
319	Brueggemann, T., Butkiene, R., Dambrasukas, E., Toprak, E., Aydin, C.H., de Carvalho, C.V., Andone, D., Mihaescu, V.	The Ways of Recognition of Open Online Courses	International Conference on Information and Software Technologies	https://doi.org/10.1007/978-3-031-16302-9_24	Springer		2022	ISBN: 978-3-031-16301-2
320	Vaz de Carvalho, C., Andone, D., Mihaescu, V., Hakan Aydin, C., Toprak, E., Genc-Kumtepe, E., Zubikova, O., Brueggemann, T., Intveen, S., Butkiene, R., Gudonienė, D.	Using a MOOC to Train Teachers to Design and Deliver MOOCs	International Conference on Web-Based Learning	https://doi.org/10.1007/978-3-031-33023-0_18	Springer		2022	ISBN:978-3-031-33022-3

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321	Marius Tataru, Silviu Berzescu, Silviu Vert, Vlad Mihaescu, Radu Stamatoiu, Radu Vasu	Designing Applications for Collaborative Learning in Virtual Reality	15th IEEE International Symposium on Electronics and Telecommunications (ISETC'22)	https://doi.org/10.1109/ISETC56213.2022.10010175	IEEE	Timișoara	2022	ISBN 979-8-3503-4621-3
322	Mihaescu, V., Andone, D.	Creating Educational Digital Artefacts Collaboratively in a Virtual Reality Environment	Ubiquity Proceedings, 3(1)	https://doi.org/10.5334/uproc.102			2023	E-ISSN: 2631-5602
323	Nicolae Bibu, Mihail Lisetchi, Vlad Mihăescu, Adrian Solomon	Entrepreneurship Education As A Pillar Of The Sustainability Of Cultural And Creative Industries. The Case Of The Tracce Project	International Symposium in Management (SIM) 2023	https://atna-mam.utcluj.ro/index.php/Acta/article/view/2568		Timișoara	2023	
324	Dr. Mihai Lisetchi, Prof. Nicolae Bibu, Prof. Vlad Mihaescu	The social entrepreneurship education as a pillar of the sustainability of cultural and creative industries. The case of Timisoara, an European Capital of Culture	9th EMES International Research Conference on Social Enterprise			Frankfurt	2023	
325	Ternauciu, A., Andone, D., Mihaescu, V., Vert, S., Araujo, M.S.G.	The Evolution of Learning in Higher Education Polytechnic Institutions: The ACADIGIA Case-Study	Ubiquity Proceedings, 4(1)	https://doi.org/10.5334/uproc.162	European Distance and E-Learning Network	Graz, Austria	2024	E-ISSN: 2631-5602
326	Vasiu, Raffaseder, Mihaescu, Andone	Opening Horizons with the European Universities E3UDRES2	EDEN Annual Conference Proceedings		European Distance and E-Learning Network	Graz, Austria	2024	ISSN 2707-2819
327	Andone, D., Vinatsella, D., Mougiakou, S., Sampson, D., Softic, S.K., Radobolja, T., Pečina, A.Z., Mihaescu, V., Ternauciu, A., Camins, M.G., Viñas, E.T.	Mini-Courses for Open Digital Competences for Educators	Ubiquity Proceedings, 4(1)	https://doi.org/10.5334/uproc.137	European Distance and E-Learning Network	Graz, Austria	2024	E-ISSN: 2631-5602
328	Andone Diana, Mihaescu Vlad	Generative AI and Student Creativity: Challenges, Opportunities, and Critical Engagement	EDEN RW 2024		European Distance and E-Learning Network	Timișoara	2024	
329	Andone Diana, Mihaescu Vlad, Ternauciu Andrei, Mocofan Muguras, Reulens Ann, Paz Maria Catarina	Facilitating Open Principles: Tools for European University Alliances – Study Case E3UDRES2	EDEN RW 2024		European Distance and E-Learning Network	Timișoara	2024	
330	Mihaescu, V., Gheta, G.	A Learning Experience Platform for a Technical University	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797260	IEEE	Timișoara	2024	e-ISBN:979-8-3503-9086-5 e-ISSN 2475-7861
331	Strava, Salomea; Ţecu, Cristian; Onița, Mihai.	Teach me photography, Robot. A case study regarding visual education	Conference proceedings of »eLearning and Software for Education« (eLSE)	10.12753/2066-026X-21-200	”Carol I” National Defence University Publishing House	Bucuresti	2021	ISSN 2066 – 026X
332	Stoloiescu-Crisan, C, Isar, A.	A New Automatic Conditioning Algorithm for SONAR Images	Proceedings of the International Symposium on Signals, Circuits and Systems (ISSCS)	10.1109/ISSCS52333.2021.9497424	IEEE	Iasi	2021	978-1-6654-4943-4
333	Stoloiescu-Crisan, C., Gal, J.	A Home Energy Management System	Proceedings of the International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10009984	IEEE	Timisoara	2022	2475-787X
334	Butunoi, BP., Stoloiescu-Crisan, C., Negru, V.	Short-term glucose prediction in Type 1 Diabetes	15th International Conference on Ambient Systems, Networks and Technologies (ANT), Procedia Computer Science, Elsevier	https://doi.org/10.1016/j.procs.2024.05.194	Elsevier	Hasselt	2024	1877-0509
335	Diana Andone, Silviu Vert, Vlad Mihaescu, Daniela Stoica, Andrei Ternauciu	Evaluation of the Virtual Mobility Learning Hub	Learning and Collaboration Technologies. Designing, Developing and Deploying Learning Experiences. HCII 2020. Lecture Notes in Computer Science, vol 12205	https://doi.org/10.1007/978-3-030-50513-4_2	Springer, Cham		2020	978-3-030-50512-7
336	Oana Alexandra Rotaru, Silviu Vert, Radu Vasiu, Diana Andone	Standardised Questionnaires in Usability Evaluation. Applying Standardised Usability Questionnaires in Digital Products Evaluation	Information and Software Technologies, 26th International Conference ICIST 2020	https://doi.org/10.1007/978-3-030-59506-7_4	Springer Nature Switzerland	Kaunas, Lithuania	2020	978-3-030-59505-0; 978-3-030-59506-7
337	Ciprian Orhei, Silviu Vert, Radu Vasiu	A Novel Edge Detection Operator for identifying Buildings in Augmented Reality Applications	Information and Software Technologies, 26th International Conference ICIST 2020	https://doi.org/10.1007/978-3-030-59506-7_18	Springer Nature Switzerland	Kaunas, Lithuania	2020	978-3-030-59505-0; 978-3-030-59506-7

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338	Diana Tiriteu, Silviu Vert	Usability Testing of Mobile Augmented Applications for Cultural Heritage—A Systematic Literature Review	Proceedings of the RoCHI 2020	https://doi.org/10.37789/rochi.2020.1.1.21		Sibiu, Romania	2020	501-9422
339	Ciprian Orhei, Lucian Radu, Muguraș Mocofan, Silviu Vert, Radu Vasu	Urban landmark detection using A-KAZE features and vector of aggregated local descriptors	15th IEEE International Symposium on Electronics and Telecommunications (ISETC'22)	10.1109/ISETC56213.2022.10009951	IEEE	Timisoara, Romania	2022	979-8-3503-4621-3
340	Silviu Vert, Oana Rotaru, Diana Andone, Miruna Antonica, Adina Borobar, Ciprian Orhei, Victor Holotescu	Towards User Experience Guidelines for Mobile Augmented Reality Storytelling with Historical Images in Urban Cultural Heritage	Extended Reality and Metaverse. XR 2022. Springer Proceedings in Business and Economics	https://doi.org/10.1007/978-3-031-25390-4_13	Springer, Cham		2023	978-3-031-25389-8
341	Ciprian Orhei, Muguraș Mocofan, Silviu Vert, Radu Vasu	TMBuD-v2: A Multi-Purpose Urban Landmark Detection Dataset	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797342	IEEE	Timisoara, Romania	2024	979-8-3503-9086-5
342	Muguraș Mocofan, Ciprian Orhei, Silviu Vert, Florin Alexa	GLCM-Enhanced Dynamic Texture Analysis for Ocean Waves Behavior	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797330	IEEE	Timisoara, Romania	2024	979-8-3503-9086-5
343	C. M. Andras, G. Barb, C. Balint and F. Alexa	Congestion Study of Transport Layer in DL 5G Communication Systems	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://10.1109/ISETC56213.2022.10010331	IEEE	Timisoara	2022	Electronic ISSN: 2475-7861
344	C. M. Andras, C. -E. Gruin, G. Barb, C. Balint and F. Alexa	5G DL Throughput Measurement using Massive MIMO Channel System Tool with Beamforming	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	https://10.1109/ISSCS58449.2023.10190947	IEEE	Iasi	2023	Electronic ISBN:979-8-3503-4203-1
345	M. -I. Cosnita, C. M. Andras, F. Alexa and T. Petrita	Throughput Performances in 5G MIMO System	2024 Advanced Topics on Measurement and Simulation (ATOMS)	https://10.1109/ATOMS60779.2024.10921498	IEEE	Constanta	2024	Electronic ISBN:979-8-3503-5837-7
346	Daniela Ionescu; Maria Kovaci	Increasing the Specific Energy of Environmental Friendly EDLC and Pseudocapacitors	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME63973.2024.10814737	IEEE	Sibiu	2024	Electronic ISSN: 2642-7036 Print on Demand(PoD) ISSN: 2641-287X
347	Daniela Ionescu; Maria Kovaci	Increasing of Specific Energy of the Supercapacitors Based on Cellulose-Derived Nanostructures and Conductive Polymers	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797399	IEEE	Timisoara	2024	Electronic ISSN: 2475-7861 Print on Demand(PoD) ISSN: 2475-787X
348	Daniela Ionescu; Maria Kovaci	Study of the new polymer coatings exhibiting hydrophobic / hydrophilic interactions	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2022.10010113	IEEE	Timisoara	2022	Electronic ISSN: 2475-7861 Print on Demand(PoD) ISSN: 2475-787X
349	Ricman, R. S., Szabó R., Gontean, A.	The Development Process of a Tooth Brushing App on Android Using Movement Direction Detection with OpenCV	FTC 2020 – Future Technologies Conference	10.1007/978-3-030-63092-8_67	Spinger	Vancouver	2020	978-3-030-63127-7
350	Burta A., Szabó R.	Water Flow Measurement in the Pipes of a Thermo-Electric Hybrid Solar System	SpliTech 2020 – 5th International Conference on Smart and Sustainable Technologies	10.23919/SpliTech4928.2.2020.9243689	Elsevier	Split & Bol	2020	953-290-105-1
351	Burta A., Szabó R.	Solar Irradiance Measurement for a Thermo-Electric Hybrid Solar System	SpliTech 2020 – 5th International Conference on Smart and Sustainable Technologies	10.23919/SpliTech4928.2.2020.9243761	Elsevier	Split & Bol	2020	953-290-105-1
352	Mercioni M.A., Holban Ș.	Novel Activation Functions Based on TanhExp Activation Function in Deep Learning	International Journal of Future Generation Communication and Networking				2020	

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353	Burta A., Szabó R., Gontean, A.	Industrial Pressure Measurement for a Thermo-Electric Hybrid Solar System	SpliTech 2021 – 6th International Conference on Smart and Sustainable Technologies	10.23919/SpliTech5231.5.2021.9566375	IEEE	Split & Bol	2021	978-1-6654-4202-2
354	Burta A., Szabó R., Gontean, A.	Simple PWM Generation using Serial Interface for a Circulation Pump used in Solar Water Heaters	SpliTech 2021 – 6th International Conference on Smart and Sustainable Technologies	10.23919/SpliTech5231.5.2021.9566386	IEEE	Split & Bol	2021	978-1-6654-4202-2
355	Burta A., Szabó R., Gontean, A.	Creating a Robot Brain with Object Recognition Using Vocal Control	IntelliSys 2021 – Intelligent Systems Conference	10.1007/978-3-030-82199-9_38	Springer	Amsterdam	2021	978-3-030-82198-2
356	Burta A., Szabó R., Gontean, A.	The Creation Method of a Head-up Display for Cars Using an iPhone	WorldS4 2021 – World Conference on Smart Trends in Systems, Security and Sustainability	10.1109/WorldS451998.2021.9513996	IEEE	Londra	2021	978-981-16-6308-6
357	Burta A., Szabó R., Gontean, A.	People Number Scanner Made on iPhone for Avoiding Big Crowds	WorldS4 2021 – World Conference on Smart Trends in Systems, Security and Sustainability	10.1109/WorldS451998.2021.9514057	IEEE	Londra	2021	978-981-16-6308-6
358	Popovici A., Muțiu R.	Analysis of the Input Filter Parameters for a Power Matrix Converter	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME53254.2021.9663721	IEEE	Timisoara	2021	2642-7036
359	Szabó R., Rieman, R. S.	Building a Tic-tac-toe Playing Robotic Arm	Jubilee 30th Telecommunications Forum	10.1109/TELFOR5618.7.2022.9983737	IEEE	Belgrad	2022	978-1-6654-7273-9
360	Szabó R., Rieman, R. S.	Using a Radio Remote Controller to Operate a Rover and Robotic Arm Combo	ISETC 2022 – International Symposium on Electronics and Telecommunications	10.1109/ISETC56213.2.022.10009937	IEEE	Timișoara	2022	978-1-6654-5150-5
361	Botila, D.A.; Pop-Calimanu, I.M.; Lascu, D.	Cubic buck-boost converter with high step-up capability	In Proceedings of the 2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2.022.10010074	IEEE	Timisoara	2022	2475-7861
362	Jude G.M.; Pop-Calimanu I.M	A Novel Hybrid Quadratic Buck Converter	In Proceedings of the 2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2.022.10010225	IEEE	Timisoara	2022	978-1-6654-5150-5
363	R. T. Văduva, D. A. Boțilă, D. Lascu	A New Slight Step-Up Quadratic Boost Converter	In Proceedings of the 2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2.022.10010074	IEEE	Timisoara	2022	2475-7861
364	Albu Ș.A., Pop-Calimanu I.M.	A Step-Down Hybrid Converter With Unequal Inductor	2022 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC56213.2.022.10010198	IEEE	Timisoara	2022	978-1-6654-5150-5
365	Badoi I.R.; Lie I.	Automatic Waste Segregation System	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10010184		Timisoara	2022	978-1-6654-5150-5
366	Molcuț A.I.; Lica S.; Lie I.	Cybersecurity for Embedded Systems: A review	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10009944		Timisoara	2022	978-1-6654-5150-5
367	Mercioni M.A., Stavarache L.L.	Disease Diagnosis with Medical Imaging Using Deep Learning	Future of Information and Communication Conference	DOI https://doi.org/10.1007/978-3-030-98015-3_13		San Francisco, CA, USA	2022	978-3-030-98015-3
368	Mercioni M.A., Holban Ș.	Weather Forecasting using AI	IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI 2022)			Timisoara	2022	
369	Mercioni M.A., Holban Ș.	Weather forecasting modeling using soft-clipping swish activation function	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	doi: 10.1109/SACI55618.2022.9919575		Timisoara	2022	
370	Mercioni M.A., Holban Ș.	Prediction of Machine Temperature System Failure Using a Novel Activation Function	2022 International Symposium on Electronics and Telecommunications (ISETC)	doi: 10.1109/ISETC56213.2.022.10010046		Timisoara	2022	

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371	K. Schmiedt, G. Simion, C.-D. Căleanu	Preliminary Results on Contrast Enhanced Ultrasound Video Stream Diagnosis Using Deep Neural Architectures	ISETC 2022	10.1109/ISETC56213.2022.10010032	IEEE	Timisoara	2022	978-1-6654-5150-5
372	Zubcu S.I.; Papazian P.; Babaita M.	FPGA Based IEEE 1451 Compliant Smart Power Supply Controller	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10010033	IEEE	Timisoara	2022	978-1-6654-5150-5
373	I. L. Orășan, C. Seiculescu, C.-D. Căleanu	Benchmarking TensorFlow Lite Quantization Algorithms for Deep Neural Networks	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI55618.2022.9919465	IEEE		2022	
374	B. I. Sighencea, R. I. Stanciu, C.-D. Căleanu	Pedestrian Trajectory Prediction in Graph Representation Using Convolutional Neural Networks	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI55618.2022.9919494	IEEE		2022	
375	A. Bublea, C.-D. Căleanu	AutoML and Neural Architecture Search for Gaze Estimation	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI55618.2022.9919471	IEEE		2022	
376	A. -R. Boglut and C. D. Căleanu	A Brief Overview on 3D Perception using Deep Neural Networks for Automotive," 2022 International Symposium on Electronics and Telecommunications (ISETC)	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10009949	IEEE		2022	
377	Ricman R.Ș.;Marincea M.; Iliș E.; Bularka S.; Gontean A.; Ursu D.	Design and Implementation of a Greenhouse Monitoring and Control System	2023 46th International Spring Seminar on Electronics Technology (ISSE)	https://doi.org/10.1109/isse57496.2023.10168422	IEEE	Timișoara, România	2023	979-8-3503-3484-5
378	Marincea M.; Iliș E.; Gontean A.; Bularka S.; Barbulescu C.	Acoustic Vibration Measurement System based on a Microphone Array	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10431241	IEEE	Craiova, Romania	2023	979-8-3503-4412-7
379	Gontean A.; Iliș E.; Marincea M.	New Custom Boards for Teaching Digital Design	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10431003	IEEE	Craiova, Romania	2023	979-8-3503-4412-7
380	Szabó R., Ricman, R. S.	Building a Solar Tracker Robot Controlled by the ZedBoard FPGA Board	46th International Conference on Telecommunications and Signal Processing (TSP)	10.1109/TSP59544.2023.10197776	IEEE	Praga	2023	979-8-3503-0397-1
381	Pop G.M.; Jurca L.D.; Pop-Calimanu I.M.; Lascu D.	A New Highly Step-Down Quadratic Converter	2023 22nd International Symposium on Power Electronics (Ee), IEEE, Novi Sad	10.1109/Ee59906.2023.10346185	IEEE	Novi Sad	2023	979-8-3503-4318-2
382	Lica S.; Popescu M.V.; Lie I; Lascu D.	A New Triple-Stacked Step-Up Converter for High-Voltage Gain	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430959			2023	979-8-3503-4411-0
383	Popescu M.V.; Molcuț A.I.; Lica S.; Lie I.	Thermal Energy Harvesting from Small Sources Using Thermoelectric Generators	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME59799.2023.10430737			2023	979-8-3503-4411-0
384	Mercioni M.A., Holban Ș.	A brief review of the most recent activation functions for neural networks Autori	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	doi: 10.1109/EMES58375.2023.10171705		Oradea	2023	
385	Petre I., Mercioni M.A., Petre Ion	CERVICAL CANCER OR CERVICAL ENDOMETRIOSIS - CASE REPORT	2nd International Paris Congress on Applied Sciences			Paris	2023	ISBN: 978-625-367-267-6
386	Mercioni M.A., Tasdemir R., Mîrica S.N.	THE BODYMETRIX SYSTEM IN PREGNANCY – CASE REPORT	9 International PARIS Congress on Social Scinces & Humanities			Paris	2023	ISBN: 978-625-367-276-8
387	Mercioni M.A., Dinescu R., Petre I.	HOW DOES THE TYPE OF THROMBOPHILIA IMPACT THE GESTATIONAL PERIOD	9 International PARIS Congress on Social Scinces & Humanities			Paris	2023	ISBN: 978-625-367-276-8
388	Mercioni M.A. et al.	Cervical Cancer Screening: Statistical Data from the Western Region of Romania	2nd INTERNATIONAL GERONTOLOGY CONGRESS			Turcia	2023	ISBN: 978-625-367-276-8,

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389	Petre I., Toader D.O., Petrita R., Pinta A.R., Alexa A.A., Mercioni M.A., Sandulescu R.M.	Clinical Performance and Safety of Cerviron Vaginal Ovules in the Management of Cervical Lesions Postoperative Care: A National, Multicentric Study	medRxiv	doi: https://doi.org/10.1101/2023.10.16.23297062			2023	
390	Andrescu MT., Căleanu CD., Mirsu R.,	A Brief Overview on Deep Learning-Based Person Re-Identification	27th International Conference on System Theory, Control and Computing, ICSTCC 2023 - Proceedings, 2023	10.1109/ICSTCC59206.2023.10308455			2023	ISBN:979-8-3503-3798-3 ISSN: 2473-5698
391	Vilceanu T.A.;Lica S.; Lie I.	Stand for testing the lifetime of an automotive electronic module	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME63973.2024.10814791			2024	979-8-3315-3951-1
392	Ilieș E.; Marinca M; Gontean A.	CIC Filter Implementations for FPGA-Based PDM Microphone Systems Analysis	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797217	IEEE	Timișoara, România	2024	979-8-3503-9087-2
393	Gontean A.; Barbu A.; Matea S.; Ilieș E; Marinca M. □	Versatile PWM module used for cross-teaching	Journal of Engineering Sciences and Innovation (JESI), Vol. 10, Issue 2, pp. 233–244		AGIR Publishing House (Technical Sciences Academy of Romania)	București, România	2024	ISSN 2601-6699
394	Mercioni M., Sirbu C. L.	Fostering Trust in AI-Driven Healthcare: A Brief Review of Ethical and Practical Considerations	14TH International Symposium on Electronics and Telecommunications (ISETC), 2024	https://ieeexplore.ieee.org/document/10797264		Timisoara, Romania	2024	2475-7861
395	Drăgoi A.D.; Lica S.; Lie I.	High Voltage DC-DC Converter for Safety Beacons	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797265			2024	979-8-3503-9086-5
396	Bordeanu S.A.; Lica S.; Lie I.	Programmable Active Load for Testing DC-DC Converters	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797315			2024	979-8-3503-9086-5
397	Coita M.C.; Lica S.; Lie I.	Smoke Detection Using an Optical Sensor	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797231			2024	979-8-3503-9086-5
398	Zimbru A.G.; Lica S.; Lie I.	Remote controlled automatic test bench	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)	https://doi.org/10.1109/SIITME63973.2024.10814803			2024	979-8-3315-3951-1
399	Mercioni M.A., Holban Ș.	Uterine Corpus Endometrial Carcinoma Prediction from Genomic Analysis with Machine Learning	2024 International Conference on Development and Application Systems (DAS)	doi: 10.1109/DAS61944.2024.10541297		Suceava	2024	
400	Mercioni M.A., Holban Ș.	Exploring Gender Bias and Toxic Comments Using Artificial Intelligence: Trends and Implications	2024 International Conference on Development and Application Systems (DAS)	doi: 10.1109/DAS61944.2024.10541152.		Suceava	2024	
401	Mercioni M.A., Cazacu R.B., Holban Ș	Innovative Pixel Art: Generation and Augmentation with Pixray	2024 International Symposium on Electronics and Telecommunications (ISETC)	doi: 10.1109/ISETC63109.2024.10797335		Timisoara	2024	
402	Mercioni M.A., Căleanu C.D.	Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using a Small Hybrid Transformer Neural Network	2024 International Symposium on Electronics and Telecommunications (ISETC)	doi: 10.1109/ISETC63109.2024.10797437		Timisoara	2024	
403	Mercioni M.A., Holban Ș., Dumache R.	Novel Activation Function Design for Multiple Sclerosis Detection in Medical Imaging	2024 E-Health and Bioengineering Conference (EHB)	doi: 10.1109/EHB64556.2024.10805606		Iasi	2024	
404	Ciprian Orhei, Ismet Porobic, Adrian Avram	Constrained Adaptive Nonlinear Unsharp Masking	47th International Conference on Telecommunication and Signal Processing (TSP)	DOI: 10.1109/TSP63128.2024.10605938	IEEE	Prague, Czech Republic	2024	2768-3311
405	A. Brateanu, R. Balmez, A. Avram, C. Orhei, C. Ancuti	LYT-NET: Lightweight YUV Transformer-based Network for Low-light Image Enhancement		https://doi.org/10.48550/arXiv.2401.15204	arXiv		2024	

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
406	Ionici C.V.; Meltiș S.D.; Papazian P.	Distance Estimation Using Verilog FPGA Implementation	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/1SETC63109.2024.10797307	IEEE	Timisoara	2024	979-8-3503-9086-5
407	Ionica N., Cirstinoiu B., Bonciog D., Maranescu V.	Innovative HV Measurement: Noninvasive Digital Tester (NDT) for Enhanced EV Diagnostics	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/1SETC63109.2024.10797385	IEEE	Timisoara	2024	979-8-3503-9086-5 / 2475-7861
408	Komlosi B., Bonciog D., Maranescu V.	Enhancing Audio Performance: Noise Reduction and Efficiency in Class AB Amplifier Design	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/1SETC63109.2024.10797394	IEEE	Timisoara	2024	979-8-3503-9086-5 / 2475-7861
409	Ionici C.V., Lascu D.	Audiosusceptibility Calculation in One-Cycle Controlled DC-DC Converters Based on the Describing Function	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797252	IEEE	Timisoara	2024	979-8-3503-9086-5
410	Daneti M.	Teach to Reach Younger Students by "Electronics"	2024 International Symposium on Electronics and Telecommunications (ISETC)	DOI: 10.1109/ISETC63109.2024.10797451	IEEE	Timișoara, România	2024	979-8-3503-9086-5 / 2475-7861
411	Pop G.M., Cauc A.A., Pop-Calimanu I.M., Lascu D.	A Buck-Boost Converter with Asymmetric Static Conversion Ratio	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797242	IEEE	Timisoara	2024	979-8-3503-9086-5
412	Perneac G.A., Pop-Calimanu I.M., Lascu D.	A New Step-Up/Down DC-DC Converter	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797252	IEEE	Timisoara	2024	979-8-3503-9086-5
413	Botila D.A., Zaharia G.C., Pop-Calimanu I.M.	A Buck-Boost Converter with Coupled Inductors for High Voltage Boosting Performance	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797370	IEEE	Timisoara	2024	979-8-3503-9086-5
414	Balint C., De Sabata A., Pacurar O.	Markov Model for HF Joint Spectrum Occupancy at Two Distant Locations	International conference KNOWLEDGE-BASED ORGANIZATION	https://doi.org/10.2478/kbo-2020-0111	Sciendo	Sibiu	2020	2451-3113
415	Bleoju C., Silaghi A., De Sabata A.	Simulation and Measurement of Conducted Emissions – Current Probe in Automotive EMC	2021 International Symposium on Signals, Circuits and Systems (ISSCS)	https://doi.org/10.1109/1SSCS52333.2021.9497406	IEEE	Iasi	2021	978-1-6654-4942-7
416	De Sabata A., Matekovits L., Silaghi A., Buta A.	Wide-Band Linear Polarizer Based on a Frequency Selective Surface	2021 XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS)	https://doi.org/10.23919/URSIGASS51995.2021.9560451	IEEE	Roma	2021	978-9-4639-6-8027
417	Fechet R., Graur A., Silaghi A., De Sabata A.	Solution for remote microclimate monitoring in Low Voltage / High Voltage switchgear cells	2021 International Conference on Electromechanical and Energy Systems (SIEMEN)	https://doi.org/10.1109/1SIEMEN53755.2021.9600390	IEEE	Iasi	2021	978-1-6654-0078-7
418	Belega Daniel, Petri Dario	Analog-to-Digital Converter Dynamic Testing by Linearized Four-Parameter Sine-Fit Algorithm	Proceedings	10.1109/RTSI50628.2021.9597328	IEEE	Naples, Italy	2021	2687-6809
419	A. Kis, H. Balta, C.O. Ancuti	The Impact of Haze Non-Homogeneity on the Recent Image Dehazing Methods	2021 International Symposium ELMAR Proceedings	10.1109/ELMAR52657.2021.9550935	IEEE	Zadar, Croația	2021	1334-2630
420	H. Balta, C.O. Ancuti, C. Ancuti	Effective underwater image restoration based on color channel compensation	OCEANS 2021: San Diego–Porto	10.23919/OCEANS44145.2021.9705902	IEEE	San Diego-Porto, USA	2021	0197-7385
421	Pescari C., Silaghi A., De Sabata A., Bleoju C.	On Using EMC Simulation for Solving Power Integrity Issues	2022 14th International Conference on Communications (COMM)	https://doi.org/10.1109/COMM54429.2022.9817274	IEEE	Bucuresti	2022	978-1-6654-9485-4
422	De Sabata A., Matekovits L., Silaghi A., Kouhalvandi L.	Absorber Based on a Frequency Selective Surface Built on FR4 Substrate	2022 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (AP-S/URSI)	https://doi.org/10.1109/AP-S/USNC-URSI47032.2022.9886569	IEEE	Denver	2022	978-1-6654-9658-2
423	Silaghi A., De Sabata A., Matekovits L., Buta A.	Ultra-Wide Band Frequency Selective Surface: design and experimental verification of performances for wide incident angle	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA)	https://doi.org/10.1109/1CEAA49419.2022.9899941	IEEE	Cape Town	2022	978-1-6654-8111-3

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
424	Trip R., Silaghi A., Buta A., De Sabata A.	TEM Cell Measurements in Automotive EMC: A Case Study	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10010216	IEEE	Timisoara	2022	978-1-6654-5150-5
425	Silaghi A., De Sabata A., Matekovits L.	Design of All Dielectric Frequency Selective Surfaces	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10010290	IEEE	Timisoara	2022	978-1-6654-5150-5
426	Mir F., Matekovits L., De Sabata A.	Conversion from LP to CP by a tunable FSS with Embedded Microstrip Lines as Feeding Network	2022 International Conference on Electromagnetics in Advanced Applications (ICEAA), 05-09 September 2022, Cape Town, South Africa, pp. 022-024, 2022	https://doi.org/10.1109/CEAA49419.2022.9899950	IEEE	Cape Town	2022	978-1-6654-8111-3
427	Dumitru Daniel Bonciog;Valentin Laurentiu Ordodi;Mihaela Ruxandra Lascu;Liliana Mățiu-Iovan;Dan Cristian Ciobanu	Software Optimization used to Automate Decellularization	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10010027	IEEE	Timișoara	2022	978-1-6654-5151-2/2475-787X
428	Brigitte Schweisthal;Mihaela Lascu	Semantic Segmentation of Diabetic Retinopathy Imaging	2022 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC56213.2022.10010170	IEEE	Timișoara	2022	978-1-6654-5151-2/2475-787X
429	Belega Daniel, Mischie Septimiu	Evaluation of the Dynamic Performance of an USB Oscilloscope	Proceedings	10.1109/ISETC56213.2022.10010325	IEEE	Timișoara, Romania	2022	2475-787X
430	Dorian Ioan Coștean, Septimiu Mischie	BLE Network Sensors with IoT Capability	Proceedings	10.1109/ISETC56213.2022.10010090	IEEE	Timișoara, Romania	2022	978-1-6654-5150-5
431	Ionel, R., Darabut, A.-I., Căleanu, C.	Normalized Cross Correlation based Solution for Automated Optical Inspection during Boundary Scan Testing	2022 15th International Symposium on Electronics and Telecommunications Isetc 2022 Conference Proceedings	10.1109/ISETC56213.2022.10010155	IEEE	Timisoara	2022	978-166545150-5
432	A. Kis, C.O. Ancuti	Night-time image dehazing using deep hierarchical network trained on day-time hazy images	2022 International Symposium ELMAR Proceedings	10.1109/ELMAR55880.2022.9899819	IEEE	Zadar, Croația	2022	1334-2630
433	R.-A. Erdelyi, V.-F. Duma	Improvement of image characteristics of intraoral and panoramic radiographs by utilizing OCT as a control method	Proc. SPIE, Vol. 12572, 12572207, F. Baldini, J. Homola, R.A. Lieberman, Eds., Optical Sensors (SPIE Optics + Optoelectronics)	https://doi.org/10.1117/12.2657252	SPIE Press	Bellingham, WA, USA	2023	0277-786X
434	B. Negrei, V.-F. Duma	Utilizing machine learning and AI algorithms for inspection of airbags manufacturing processes	Proc. SPIE, Vol. 12624, 126240N, B.C. Kress, J.W. Czaraske, Eds., SPIE Digital Optical Technologies (LASER Congress)	https://doi.org/10.1117/12.2675893	SPIE Press	Bellingham, WA, USA	2023	0277-786X
435	A. Maldar, V.-F. Duma	MEMS-based laser scanning patterns: Programming and experiments	Proc. SPIE, Vol. 12624, 1262411, B.C. Kress, J.W. Czaraske, Eds., SPIE Digital Optical Technologies (LASER Congress)	https://doi.org/10.1117/12.2670101	SPIE Press	Bellingham, WA, USA	2023	0277-786X
436	M.-S. Duma, D. Drimbe, R.-A. Erdelyi, V.-F. Duma, I. Moldovan, A.-M. Heredea, E.R. Heredea, M.-L. Negrutiu, D.M. Pop, M. Rominu, D.I. Stoia, C. Sinescu	Optical Coherence Tomography and microbiology evaluations of different methods for manufacturing dental prostheses	Proc. SPIE, Vol. 12622, 1262212, P. Ferraro, D. Psaltis, S. Grilli, Eds., Optical Methods for Inspection, Characterization, and Imaging of Biomaterials VI (SPIE Optical Metrology – LASER Congress)	https://doi.org/10.1117/12.2673297	SPIE Press	Bellingham, WA, USA	2023	0277-786X
437	S. Coroban, C. Mnerie, V.-F. Duma	OCT versus X-ray imaging in the inspection of Ball Grid Arrays (BGAs)	Proc. SPIE, Vol. 12618, 1261825, P. Lehmann, W. Osten, A.A. Gonçalves Jr., Eds., Optical Measurement Systems for Industrial Inspection XIII (SPIE Optical Metrology – LASER Congress)	https://doi.org/10.1117/12.2673194	SPIE Press	Bellingham, WA, USA	2023	0277-786X
438	A.T. Teodorovits, C. Mnerie, V.-F. Duma	Analysis of measuring methods of optical micrometers with polygonal mirror-based laser scanners	Proc. SPIE, Vol. 12618, 126181W, P. Lehmann, W. Osten, A.A. Gonçalves Jr., Eds., Optical Measurement Systems for Industrial Inspection XIII (SPIE Optical Metrology – LASER Congress)	http://dx.doi.org/10.1117/12.2665239	SPIE Press	Bellingham, WA, USA	2023	0277-786X

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439	A. Csillag, V.-F. Duma	An exploration of laser scanning modalities: from raster and spiral to Lissajous and Risley prisms-based	Proc. SPIE, Vol. 12619, 126190S, B. Bodermann, K. Frenner, Eds., Modeling Aspects in Optical Metrology IX (SPIE Optical Metrology – LASER Congress)	http://dx.doi.org/10.1117/12.2665237	SPIE Press	Bellingham, WA, USA	2023	0277-786X
440	A.-L. Dimb, V.-F. Duma	Experimental versus simulated secondary scan patterns produced by a pair of Risley prisms	Proc. SPIE, Vol. 12619, 126190E, B. Bodermann, K. Frenner, Eds., Modeling Aspects in Optical Metrology IX (SPIE Optical Metrology – LASER Congress)	http://dx.doi.org/10.1117/12.2665027	SPIE Press	Bellingham, WA, USA	2023	0277-786X
441	R.-A. Erdelyi, V.-F. Duma	Improvement of image characteristics for 3D CBCT in dental medicine using OCT	Proc. SPIE, Vol. 12632, 126322B, B.J. Vakoc, M. Wojtkowski, Y. Yasuno, Eds., SPIE-OPTICA European Conf. on Biomed. Opt. (ECBO - LASER Congress)	https://doi.org/10.1117/12.2664998	SPIE Press	Bellingham, WA, USA	2023	0277-786X
442	Silaghi A., Pescari C., De Sabata A., Matekovits L.	Design of Locally Deformed Flexible Frequency Selective Surfaces	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	https://doi.org/10.1109/ISSCS58449.2023.10190917	IEEE	Iasi	2023	979-8-3503-4203-1
443	Pescari C., Mal R., Silaghi A.	D-PHY Interface Characterization by Means of Signal Integrity Simulation	2023 International Symposium on Signals, Circuits and Systems (ISSCS)	https://doi.org/10.1109/ISSCS58449.2023.10190971	IEEE	Iasi	2023	979-8-3503-4203-1
444	Dumitru-Daniel Bonciog;Valentin Laurențiu Ordodi;Mihaela-Ruxandra Lascu;Liliana Mățiu-Iovan	Automation of Decellularization Process Using Artificial Neural Networks	2023 17th International Conference on Engineering of Modern Electric Systems (EMES)	https://doi.org/10.1109/EMES58375.2023.10171759	IEEE	Oradea	2023	979-8-3503-1064-1
445	Belega Daniel, Petri Dario, Dallet Dominique	Accurate Frequency and Damping Factor Estimation by Means of an Improved Three-point Interpolated DFT Algorithm	Proceedings	https://conferences.imeko.org/event/3/attachments/6/445/Proceedings2023%20IMEKO%20TC4.pdf	IMEKO	Pordenone, Italy	2023	978-3-033-09885-5
446	Belega Daniel, Găspăresc Gabriel	Power System Frequency and ROCOF Measurement by Means of Electronic Instruments	Proceedings	https://conferences.imeko.org/event/3/attachments/6/445/Proceedings2023%20IMEKO%20TC4.pdf	IMEKO	Pordenone, Italy	2023	978-3-033-09885-5
447	Belega Daniel, Petri Dario	Steady-State Phasor Measurement by Means of a Linearized Multiharmonic Sine-Fit Algorithm	Proceedings	10.1109/AMPS59207.2023.10297241	IEEE	Bern, Switzerland	2023	2473-1315
448	Septimiu Mischie, Ionela Alina Munteanu	Using Ultrawideband Technology to Control a Car to Reach Its Destination	Engineering Proceedings	10.3390/ASEC2023-16331	Multidisciplinary Digital Publishing Institute (MDPI)		2023	26734591
449	Ionel, R., Darabut, A.-I., Căleanu, C.	Cluster functionality validation by automated optical inspection	Proceedings of the 2023 24th International Carpathian Control Conference Iccc 2023Open source preview	10.1109/ICCC57093.2023.10178883	IEEE	Miskolc	2023	979-835031022-1
450	Ionel, R., Darabut, A.-I., Căleanu, C.	Considerations on Boundary Scan integration in industrial dedicated test stations	Proceedings of the International Spring Seminar on Electronics Technology	10.1109/ISSE57496.2023.10168337	IEEE	Timisoara	2023	979-835033484-5
451	A. Csillag, V.-F. Duma	Laser scanning modalities revisited	Proc. 16th IEEE Int. Symposium on Electronics and Telecommunications (https://isetc.upt.ro/)	https://doi.org/10.1109/SETC63109.2024.10797282	IEEE	Timisoara	2024	ISBN: 979-8-3503-9086-5
452	Pescari C., Silaghi A., De Sabata A., Neiconi A.	Evaluation of Simulation-Based Product Validation in Automotive Ethernet via Measurements	2024 Advanced Topics on Measurement and Simulation (ATOMS)	https://doi.org/10.1109/ATOMS60779.2024.10921553	IEEE	Constanta	2024	979-8-3503-5837-7
453	Pescari C., Silaghi A., Neiconi A., De Sabata A.	Assessment of LPDDR4 Interface Performance in an Automotive Product Through High-Speed Simulation	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/SETC63109.2024.10797267	IEEE	Timisoara	2024	979-8-3503-9086-5
454	Silaghi A., Pescari C., De Sabata A., Matekovits L., Neiconi A.	Study Regarding the Tunability of a Frequency Selective Surface Having Incorporated Active Devices and Control Network	2024 International Conference on Electromagnetics in Advanced Applications (ICEAA)	https://doi.org/10.1109/CEAA61917.2024.10701664	IEEE	Lisabona	2024	979-8-3503-6097-4

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455	Cirstinoiu Bogdan; Bonciog Dumitru-Daniel; Ionica Nicolae; Nyiredi Bogdan; Ordodi Valentin-Laurentiu; Marius Nicolae Roman	Efficient High-Voltage Probe Designs for EV Systems	9th International Conference on Advancements of Medicine and Health Care Through Technology	https://doi.org/10.1007/978-3-031-95671-3_27	Springer, Cham	Cluj-Napoca	2024	978-3-031-95671-3
456	Damian Olei; Mihaela Ruxandra Lascu; Liliana Mătiu Iovan; David Comaniciu; Dumitru Daniel Bonciog; Valentin Laurentiu Ordodi	Unsupervised Deep Learning with Stacked Autoencoders for Cell Line Classification in Microscopic Images	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797360	IEEE	Timișoara	2024	978-1-6654-5151-2/2475-787X
457	Denisa Alexandra Veres; Dumitru Daniel Bonciog; Damian Olei; Daniela Cîrnatu; Daniel Iacob Goje; David Comaniciu; Liliana Mătiu Iovan; Mihaela Ruxandra Lascu; Valentin Laurențiu Ordodi	Educational Matlab Tool for Evaluating Liver Tumors Using Ultrasound	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797400	IEEE	Timișoara	2024	978-1-6654-5151-2/2475-787X
458	Septimiu Mischie; Cora Ionica	Wireless Sensors and Their Data Transmission	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797236	IEEE	Timișoara, Romania	2024	979-8-3503-9086-5
459	Robert Pazsitka; Septimiu Mischie	Data Acquisition Measurement Experiments using the ADALM2000	2024 International Symposium on Electronics and Telecommunications (ISETC)	10.1109/ISETC63109.2024.10797279	IEEE	Timișoara, Romania	2024	979-8-3503-9086-5
460	Septimiu Mischie	On Calibration of the Magnetometer with the Help of the Gyroscope	Proceedings	10.1109/SITME63973.2024.10814748	IEEE	Sibiu, Romania	2024	979-8-3315-3951-1
461	Găspăresc Gabriel	Generation of Power Quality Disturbances Using a Programmable Arbitrary Waveform Generator	Proceedings	https://ieeexplore.ieee.org/document/10741430	IEEE	București, Romania	2024	1938-1883
462	Ionel, R., Rinaldi, I., Tanasie, C.	An Integration Methodology of a Third-Party In-System Programming Solution into a Flying Probe Equipment	2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings Open source preview, 2024	10.1109/ISETC63109.2024.10797325	IEEE	Timisoara	2024	979-8-3503-9086-5
463	Wang, Y., Ionel, R., Meng, F., Li, C., Luo, Z.	Rotor Flux Estimation for Induction Motors Based on Modified Sliding Mode Observer	2024 16th International Symposium on Electronics and Telecommunications Isetc 2024 Conference Proceedings Open source preview, 2024	10.1109/ISETC63109.2024.10797311	IEEE	Timisoara	2024	979-8-3503-9086-5
464	Sorandaru C., Mușuroi S., M. C. Ancuți, R. Ancuți, A. M. Stanciu, M. A. Lazăr	Considerations Regarding The Perturb And Observe Method To Control High-Power Wind Systems Operating At Variable Wind Speeds	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI).	10.1109/SACI55618.2022.9919526	IEEE	Timișoara	2022	978-1-6654-8125-0
465	M. C. Ancuți, C. Sorandaru, Musuroi S., M. A. Lazăr, A.M. Stanciu, R. Ancuți	Power Estimation Algorithm for High-Power Wind Turbines with Time Variable Wind Speed	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI).	10.1109/SACI55618.2022.9919593	IEEE	Timișoara	2022	978-1-6654-8125-0
466	M.C. Ancuți, Mușuroi S., A. Stîngu, C.Lascu	Novel Power Factor Correction Converter Scheme Allowing Bidirectional Power Flow	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI).	10.1109/SACI58269.2023.10158588	IEEE	Timișoara	2023	2765-818X
467	Butaru F., Ancuți MC, Geza Mihai Erdodi, Sorandaru C., Mușuroi S., Ancuți R.,	Wind System Control at Time-Varying Wind Speeds Using the Perturb and Observe Method	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI).	10.1109/SACI58269.2023.10158538	IEEE	Timișoara	2023	2765-818X
468	Butaru F., Carstea C., Ratiu AI., Ancuți MC, Mușuroi S.,	Active flux observer-based high-speed control of a permanent magnet synchronous motor	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE).	10.1109/ATEE58038.2023.10108133	IEEE	București	2023	2159-3604
469	D.Mihăescu, Mușuroi S., V.Olarescu, C.Șorândaru	Vienna Rectifier vs. Buck Type Topology in PFC Applications	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEI);	10.1109/EPEI63510.2024.10758180	IEEE	Iași	2024	979-8-3503-5619-9
470	I. Boldea, L. N. Tutelea, A. Popa	Linear oscillatory electric motor/generators: an overview	13th International Symposium on Linear Drives for Industry Applications (LDIA)	10.1109/LDIA49489.2021.9505814	IEEEExplore	Wuhan, China	2021	

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471	M. -C. Ancuti, A. -S. Isfanuti, G. -D. Andreescu, L. -N. Tutelea and I. Boldea	Referencing position versus speed active flux based encoderless control of PM-RSM drives at ultra-low speeds without signal injection	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590019	IEEEExplore	Brasov, Romania	2021	
472	L. Nicolae Tutelea, T. Staudt, I. Boldea	Magnetic equivalent circuit – based optimal design code of high torque density and efficiency small power claw pole stator PM motor	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590043	IEEEExplore	Brasov, Romania	2021	
473	L. Tutelea, I. Torac, I. Boldea	100 kW 2400-4800rpm -spoke-PM bonded NdFeB traction motor preliminary design with FEM imported parameter circuit controlled dynamics validation	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590050	IEEEExplore	Brasov, Romania	2021	
474	A. -S. Isfanuti, L. N. Tutelea, I. Boldea	Doubly Salient Ferrite rotor PM single phase SM motor: FEM based optimal design and analysis	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590046	IEEEExplore	Brasov, Romania	2021	
475	L. Tutelea, I. Torac, A. -S. Isfanuti, A. Popa, I. Boldea	10MW, 10rpm, 30Hz spoke Ferrite and bonded NdFeB-rotor wind PMSG preliminary design with FEM validations for 6 rotor variants	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590049	IEEEExplore	Brasov, Romania	2021	
476	A. A. Popa, A. Isfanuti, L. Tutelea, I. Boldea	V/f with stabilizing loops fast response control of Induction Motor (IM) drives	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590024	IEEEExplore	Brasov, Romania	2021	
477	E. Carpan, I. Boldea, L. Tutelea, M. Chis, A. Markovits, S. R. Chisozan	SiC Inverter Induction Motor Drive for Automotive Powertrains	2022 IEEE 1st Industrial Electronics Society Annual On-Line Conference (ONCON)	10.1109/ONCON56984.2022.10126994	IEEEExplore	Kharagpur, India	2022	
478	I. Boldea, I. Torac, L. Tutelea	100kW 6-12krpm ALA rotor traction motor: preliminary design with key electromagnetic FEM validation	IEEE EUROCON 2023 - 20th International Conference on Smart Technologies,	10.1109/EUROCON56442.2023.10199033	IEEEExplore	Torino, Italy	2023	
479	A. -A. Popa, A. -S. Isfanuti, L. -N. Tutelea, I. Boldea	Induction Machine V/f Control with Stator Flux and Slip Frequency Compensation for Maximum Power Factor, with Experiments	International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM),	10.1109/ACEMP-OPTIM57845.2023.10287056	IEEEExplore	Istanbul, Turkiye	2023	
480	L. . - D. Vitan, L. Tutelea, A. . - D. Martin, N. Muntean, I. Boldea	Axially laminated anisotropic (ALA) rotor reluctance synchronous motor (RSM): comprehensive experiments characterization	International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM),	10.1109/ACEMP-OPTIM57845.2023.10287071	IEEEExplore	Istanbul, Turkiye	2023	

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481	I. Torac, L. Tutelea, I. Boldea	Linear Induction Motor (LIM) Integrated Propulsion and Levitation MAGLEV via Ladder Type Passive Track	14th International Symposium on Linear Drivers for Industry Applications (LDIA)	10.1109/LDIA59564.2023.10297430	IEEEExplore	Hannover, Germany	2023	
482	I. Boldea, I. Torac, L. Tutelea	ALA-Rotor RSG 10MW, 480RPM-Preliminary Design with 2D Key FEM Validations	22nd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346129	IEEEExplore	Novi Sad, Serbia	2023	
483	I. Boldea, A. A. Popa, L. N. Tutelea	MAGLEVs – an Overview in 2023	22nd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346121	IEEEExplore	Novi Sad, Serbia	2023	
484	K. Khodabux, A. D. Martin, L. . . . D. Vitan, L. . . . N. Tutelea, K. Busawon and I. Boldea	Three-Phase Biaxial Excitation Synchronous Generator (BEGA) Intern-Fault Experimental Characterisation	23rd International Symposium on Power Electronics (Ee)	10.1109/Ee59906.2023.10346163	IEEEExplore	Novi Sad, Serbia	2023	
485	M. Gireadă, D. Hulea, O. Cornea, and N. Muntean	A High Gain Hybrid non-isolated Magnetically-Coupled Switched-Inductor Converter	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/OPTIM-ACEMP50812.2021.9590026	IEEE Xplore	Brasov	2021	978-1-6654-0298-9
486	D. Hulea, M. Gireadă, O. Cornea and N. Muntean	An Improved Bidirectional Hybrid Switched Capacitor Converter	IECON 2022 – 48th Annual Conference of the IEEE Industrial Electronics Society	10.1109/IECON49645.2022.9969058	IEEE Xplore	Brussels	2022	978-1-6654-8025-3
487	D. Hulea, M. Gireadă, O. Cornea and N. Muntean	A Soft-Switched Wide-Ratio Bidirectional Hybrid Switched-Inductor Converter using Auxiliary Resonant Commutated Poles	2023 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)	10.1109/ACEMP-OPTIM57845.2023.10287073	IEEE Xplore	Istanbul	2023	979-8-3503-1149-5
488	Ciprian Carstea; Florin Butaru; Mihaela-Codruta Ancuti; Sorin Musuroi; Antheia Deacu; Mircea Babaita	Wind Power Plants Operation at Variable Wind Speeds	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://ieeexplore.ieee.org/document/9118826	IEEE	Timisoara	2020	978-1-7281-7377-1
489	Florinel Butaru; Ciprian Carstea; Cristian Lascu; Mihaela-Codruta Ancuti	Optimal Operation of Microgrid Employing Predictive Control	2020 International Conference on Development and Application Systems (DAS)	https://ieeexplore.ieee.org/document/9108917	IEEE	Suceava	2020	978-1-7281-6870-8
490	C. Sorandaru, M.C. Ancuti, S. Musuroi, M. Svoboda, V. Muller, M.G. Erdodi, E.R. Edu	Fundamental Issue for Wind Power Systems Operating at Variable Wind Speeds: the Dependence of the Optimal Angular Speed on the Wind Speed	2022 International Conference and Exposition on Electrical And Power Engineering (EPE), Iasi, Romania, 2022, pp. 167-171	10.1109/EPE56121.2022.9959751	IEEE Xplore	Iasi, Romania	2022	2644-223X
491	E. Dobrin, M. -C. Ancuti, S. Musuroi, C. Sorandaru, R. Ancuti and M. A. Lazar	Dynamics of the Wind Power Plants at Small Wind Speeds	2020 IEEE 14th International Symposium on Applied Computational Intelligence and Informatics (SACI), Timisoara, Romania, 2020, pp. 000187-000192	10.1109/SACI49304.2020.9118845	IEEE Xplore	Timisoara, Romania	2020	
492	R. Buzatu, D. Muntean, V. Ungureanu, A. Ciutina, M. Gireadă, and D. Vitan	Holistic energy efficient design approach to sustainable building using monitored energy management system	OP Conf. Ser. Earth Environ. Sci., vol. 664, no. 1, p. 012037	10.1088/1755-1315/664/1/012037	IOPscience		2021	
493	Bogdan Filip; Attila Simo; Doru Vatau; Flaviu M. Frigura-Iliasa; Sorin Musuroi; Petru Andea	LoRaWAN Based Real-Time Air Quality Monitoring System	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	https://doi.org/10.1109/SAMI48414.2020.9108740	IEEE Explore	Herlany	2020	978-1-7281-3149-8
494	Emil Lazarescu; Attila Simo; Florin Alexa; Flaviu M. Frigura-Iliasa; Sorin Musuroi; Petru Andea	RDS Coder Emulator Applied for Didactic Purposes	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	https://doi.org/10.1109/SAMI48414.2020.9108756	IEEE Explore	Herlany	2020	978-1-7281-3149-8
495	Nicolae Tarfulca; Attila Simo; Doru Vatau; Flaviu M. Frigura-Iliasa; Sorin Musuroi; Petru Andea	Fuzzy Logic Based Diagnosis of SF6 Switching Devices	2020 IEEE 18th World Symposium on Applied Machine Intelligence and Informatics (SAMI)	https://doi.org/10.1109/SAMI48414.2020.9108723	IEEE Explore	Herlany	2020	978-1-7281-3149-8
496	Attila Simo, Simona Dzitac, Flaviu Mihai Frigura-Iliasa, Mihaela Frigura-Iliasa, Adrian Pocola, Virgil Marian Ionescu	High Voltage Device Design and Predictive Maintenance Software based on Fuzzy-Logic	9th International Conference on Information Technology and Quantitative Management	https://doi.org/10.1016/j.procs.2022.11.321	Elsevier	Beijing	2022	1877-0509

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497	Attila Simo, Simona Dzitac, Flaviu Mihai Frigura-Iliasa, Mihaela Frigura-Iliasa, Dragoș Meianu, Virgil Marian Ionescu	Fuzzy-Logic Controller for Smart Drives	9th International Conference on Information Technology and Quantitative Management	https://doi.org/10.1016/j.procs.2022.11.322	Elsevier	Beijing	2022	1877-0509
498	Baloi Felicia, Pana Adrian, Baloi Alexandru, Molnar-Matei Florin	Medium Voltage Network Modeling for the Integration of Renewable Sources	2022 International Conference and Exposition on Electrical And Power Engineering (EPE), Iasi, ROMANIA	https://doi.org/10.1016/j.matpr.2023.01.092	IEEE Xplore	Iasi	2022	2471-6855
499	Chiosa Nicolae, Alexandru Baloi	Matlab Simulink Simulation of Faults and Abnormal Operating Regimes in a Medium Voltage Network with Isolated Neutral for the Purpose of Coordinating Protection Settings	2023 10th International Conference on Modern Power Systems (MPS)	10.1109/MPS58874.2023.10187486	IEEE Xplore	Cluj-Napoca	2023	979-8-3503-2682-6
500	Brighenti R., Marsavina L., Marghitas M.P., Montanari M., Spagnoli A., Tatar F.	The effect of process parameters on mechanical characteristics of specimens obtained via DLP additive manufacturing technology	9th International Conference on Advanced Materials and Structures	https://doi.org/10.1016/j.matpr.2023.01.092	Elsevier	Amsterdam	2023	2214-7853
501	Cristian-Dragoș Dumitru; Adrian Gligor; Simona Dzitac; Ilie Vlăsa; Attila Simo	Solar Photovoltaic Systems Challenges in Industrial Network Installations	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	https://doi.org/10.1109/EPEi63510.2024.10758087	IEEE Explore	Iasi	2024	979-8-3503-5619-9
502	Claudia Bondar; Bogdan Neagu; Gheorghe Grigoras; Attila Simo	Optimal Recloser Placement in Distribution Networks to Improve Power Quality Indicators	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	https://doi.org/10.1109/EPEi63510.2024.10757999	IEEE Explore	Iasi	2024	979-8-3503-5619-9
503	Arvinti Beatrice, Costache Marius	Statistical Analysis of Optimal Features for CLAHE Algorithm on Post-COVID19 CT Scans	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797295	IEEE	Timisoara, Romania	2024	979-8-3503-9086-5/2475-7861
504	Arvinti Beatrice	Learning Strategies: Experimental Modeling of Laplacian Electric Fields and their Correlation to Kirchhoff's Laws in Physics	2024 International Symposium on Electronics and Telecommunications (ISETC)	https://doi.org/10.1109/ISETC63109.2024.10797379	IEEE	Timisoara, Romania	2024	979-8-3503-9086-5/2475-7861
505	Tirian, G.O., Chioncel, C.P., Holubeck, R., Cinkar, K	PLC programming to optimize water flow in secondary cooling zone	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2019),	http://dx.doi.org/10.1088/1742-6596/1426/1/012020	IOP Publishing	Hunedoara	2020	1742-6596
506	Bistriean D.A., Dimitriu G., Navon I.M.	Application of deterministic and randomized Dynamic Mode Decomposition in epidemiology and fluid dynamics	Scientific Annals of the Alexandru Ioan Cuza University of Iasi. Mathematics	https://www.math.uaic.ro/~annalsmath/pdf-uri_anale/F2(2020)/6_Diana_Bistriean_Gabriel_Dimitriu_Ionel_Navon.pdf			2020	1221-8421
507	Topor M., Deaconu S. I., Popa G. N., Feifei B.	Dual Stator Winding Induction Generator (DSWIG) Used as Base Source in Hybrid Power Systems when Lost the Power	WSEAS Transactions on Power Systems	http://dx.doi.org/10.37394/232016.2020.15.21	WSEAS		2020	2224-350X
508	Berdie A.D., Jitian S.	Ellipsometric determination of the thickness and the refractive index of superficial films deposited on metal mirrors,	Journal of Physics: Conference Series, Volum 1426, 012027	https://doi.org/10.1088/1742-6596/1426/1/012027	IOP Publishing	Hunedoara	2020	1742-6596
509	Stoica Diana Monica	Nonuniform stability in mean-square for stochastic differential equations in Hilbert spaces	Journal of Physics: Conference Series, Volume 1426, International Conference on Applied Sciences 9–11 May 2019, Hunedoara, Romania	https://iopscience.iop.org/article/10.1088/1742-6596/1426/1/012013/meta	IOP Publishing Ltd	England	2020	1742-6596
510	Osaci Mihaela, Cunțan Corina-Daniela	Graphical programming environment for performing physical experiments	International Journal of Modern Education and Computer Science, vol.12, nr.1	https://doi.org/10.5815/ijmecs.2020.01.02	MECS Press		2020	2075-0161
511	I Baciuc, C D Cunțan and P L Gherman	The power chopper with forced extinguish and command realized with FPGA	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Journal of Physics: Conference Series 1426 (2020) 012032	doi:10.1088/1742-6596/1426/1/012032	IOP Publishing, Journal of Physics		2020	1757-8981

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512	A. Dascăl, A., Popa, M	The 3D reconstruction of a road accident used the specialized program PC Crash 12.1	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Journal of Physics, Conference series, Volume 1781	https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012052/meta		Hunedoara	2020	
513	A. Dascăl, A., Popa, M	Possibilities of 3D reconstruction of the vehicle collision scene in the photogrammetric environment Agisoft Metashape 1.6	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Journal of Physics, Conference series nr. 1781	https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012053/meta		Hunedoara	2020	
514	Popa, Mihaela., Stoica, D.M	Attitudes and behavioral picture of students regarding aspects of physical well-being	Bulletin of the Transilvania University of Braşov Series IX: Sciences of Human Kinetics • Vol. 13(62) No. 2 ,	https://doi.org/10.31926/but.shk.2020.13.62.2.29		Braşov	2020	
515	Paul Țoța, Mircea -F. Vaida	Light Fidelity (Li-Fi) Communications Applied to Telepresence Robotics	2020 21th International Carpathian Control Conference (ICCC)	https://doi.org/10.1109/ICC49264.2020.9257292	IEEE	High Tatras	2020	978-1-7281-1952-6
516	Topor M., Deaconu S.I., Bu F., Popa G.N., Tutelea L.N., Muntean N.	Dual Stator Winding Induction Generator (DSWIG) used for Hybrid Micro Grid Power Systems	International Conference on Applied Sciences (ICAS 2020), Journal of Physics: Conference Series	http://dx.doi.org/10.1088/1742-6596/1781/1/012038	IOP	Hunedoara	2021	1742-6596
517	Iagăr A., Popa G. N., Diniş C. M.	Comparative study between the melting process of an aluminum batch and a steel batch in a high frequency induction furnace	IOP Conference Series:Journal of Physics	https://doi.org/10.1088/1742-6596/1781/1/012043	IOP Publishing	Bristol	2021	Online ISSN: 1742-6596, Print ISSN: 1742-6588
518	Berdie A.D., Berdie A.A., Lemle K.L	Some aspects regarding the implementation of a Web application in different SAP UI technologies	Journal of Physics: Conference Series, Volum 1781, 012040	https://doi.org/10.1088/1742-6596/1781/1/012040	IOP Publishing	Hunedoara	2021	1742-6596
519	Corina Daniela Cunţan, Ioan Baci, Mihaela Osaci	Mechanism for Operating an Access Way in a Building With Command Made in Xilinx	Annals of the Faculty of Engineering Hunedoara	chrome-extension://efaidnbmnfnlceajcpclcekalelfndmkaj/https://annals.fih.upt.ro/pdf-full/2021/ANNALS-2021-4-20.pdf	Editura POLITEHNICA	Hunedoara	2021	2601-2332
520	Diniş Corina Maria, Popa Gabriel Nicolae, Iagăr Angela	Power factor measuring device using microcontroller for single-phase consumers	International Conference on Applied Sciences (ICAS 2020), Journal of Physics: Conference Series 1781 (2021) 012046, pp.1-13	doi:10.1088/1742-6596/1781/1/012046	IOP Publishing		2021	1742-6588
521	Birtok-Băneasa C., Budiul-Berghian A., Stoica D.M., Dascăl A.	Optimizing the thermal management of internal combustion engines by implementing SPTI	Romanian Journal of Automotive Engineering	https://siar.ro/wp-content/uploads/2022/08/RoJAE-27_3.pdf	SIAR	Romania	2021	1842 – 4074
522	Popa Iosif, Popa Gabriel Nicolae, Diniş Corina Maria, Iagăr Angela	Temperature-frequency converter made with astable multivibrator and thermistor	International Conference on Applied Sciences (ICAS 2020), Journal of Physics: Conference Series 1781 (2021) 012045, pp.1-9	doi:10.1088/1742-6596/1781/1/012045	IOP Publishing		2021	1742-6588
523	Popa Gabriel Nicolae, Popa Laurenţiu, Diniş Corina Maria	Ozone and anions generator for disinfection of enclosed spaces	International Conference on Applied Sciences (ICAS 2020), Journal of Physics: Conference Series 1781 (2021) 012047, pp.1-12	doi:10.1088/1742-6596/1781/1/012047	IOP Publishing		2021	1742-6588
524	Ghiormez, L., Panoiu, M., Panoiu, C., Muscalagiu, I.	Tuning proportional–derivative controller for a three-phase electric arc furnace	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2020)	https://doi.org/10.1088/1742-6596/1781/1/012039	IOP Publishing	Hunedoara	2021	1742-6588
525	Baciu, I., Cuntan, C.D.	The analysis of the deforming regime in the electric traction railway	INTERNATIONAL CONFERENCE ON APPLIED SCIENCES Journal of Physics:Conference Series 1781 (2021) 012042	doi:10.1088/1742-6596/1781/1/012042	IOP Publishing, Journal of Physics		2021	1757-8981

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526	Rusu-Anghel S., Mezinescu S.S., Lihaciu I.C.	Experimental stand and researches on pantograph-catenary contact force control using chaos theory	Journal of Physics: Conference Series	https://doi.org/10.1088/1742-6596/1781/1/012029	IOP Publishing	Hunedoara	2021	1742-6596
527	Berdie A.D., Raț C.L., Berdie A.A., Berdie A.M.	Technical considerations regarding the modelling and implementation of a Web Dynpro application	Journal of Physics: Conference Series, Volum 2212, 012013	https://doi.org/10.1088/1742-6596/2212/1/012013	IOP Publishing	Hunedoara	2022	1742-6596
528	Iagăr A., Popa G. N., Diniș C. M.	Study about numerical relay 7SA612, the basic protection of 220 kV overhead transmission line	IOP Conference Series:Journal of Physics	https://doi.org/10.1088/1742-6596/2212/1/012021	IOP Publishing	Bristol	2022	Online ISSN: 1742-6596, Print ISSN: 1742-6588
529	Topor M., Deaconu S.	Direct Torque Control in Induction Motor Drives for Hibrid Electric Vehicle Powertrains using Matrix Converter	ACTA TECHNICA CORVINIENSIS-BULLETIN OF ENGINEERING	https://annals.fih.upt.ro/pdf-full/2022/ANNALS-2022-3-11.pdf			2022	1584-2665
530	Ljubica Janjetović, Popa Mihaela, Darina Duplakova	Arts, communications and digital technologies	XI INTERNATIONAL CONFERENCE OF SOCIAL AND TECHNOLOGICAL DEVELOPMENT, Trebinje, June, 02-05,	https://drive.google.com/file/d/1r90rGpZXBnE VJTdGSE4ATb5FBI1ja Q9/view		Trebinje, Bosnia &Herzegovina	2022	
531	Bistriean D.A.	Mathematical Considerations on Randomized Orthogonal Decomposition Method for Developing Twin Data Models	TRANSYLVANIAN JOURNAL OF MATHEMATICS AND MECHANICS	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=D6tV3JcAAAAJ&sortby=pubdate&citation_for_view=D6tV3JcAAAAJ:ns9cj8mVeAC			2022	2067-239X
532	Ahmed S.E., San O., Bistriean D.A., Navon I.M.	Sketching Methods for Dynamic Mode Decomposition in Spherical Shallow Water Equations	AIAA SCITECH 2022 Forum	https://doi.org/10.2514/6.2022-2325	AIAA	San Diego	2022	978-1-62410-631-6
533	Osaci Mihaela, Cunțan Corina-Daniela, Baci Ioan	Solution for Using FEMM in Electrostatic Problems with Discrete Distribution Electric Charge	International Journal of Modern Education and Computer Science, vol.4	https://doi.org/10.5815/ijmecs.2022.04.05	MECS Press		2022	2075-0161
534	Osaci Mihaela, Cunțan Corina-Daniela, Baci Ioan	LUA PROGRAMMING FOR FEMM APPLICATIONS (FINIT ELEMENT METHOD MAGNETICS)	Acta Technica Corviniensis-Bulletin of Engineering, vol.15, nr.3	https://acta.fih.upt.ro/ACTA-2022-3.html			2022	2067-3809
535	Rat C L, Ichim-Burlacu C and Panoiu M	The impact of communication on microgrid control	Journal of Physics: Conference Series - International Conference on Applied Sciences (ICAS 2021)	doi:10.1088/1742-6596/2212/1/012018	IOP Publishing		2022	1742-6596
536	Rat C L, Ichim-Burlacu C and Panoiu C	Modeling the synchronous permanent magnet generator with RLC load	Journal of Physics: Conference Series - International Conference on Applied Sciences (ICAS 2021)	doi:10.1088/1742-6596/2212/1/012019	IOP Publishing		2022	1742-6596
537	Rat C.-L., Prostean O., Filip I., Ichim-Burlacu C.	Boost Converter Modeling and Control based on its Role within a Microgrid	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	doi: 10.1109/SACI55618.2022.9919444	IEEE	Timisoara, Romania	2022	978-1-6654-8125-0
538	Paul Țoța, M. -F. Vaida, G. O. Tirian, S. Mariș	Telepresence Robot Used in Educational Applications	2022 E-Health and Bioengineering Conference (EHB)	https://doi.org/10.1109/EHB55594.2022.9991637	IEEE	Iași	2022	2575-5145
539	Berdie A.D., Rob R.S., Raț C.L., Berdie A.A., Păun A.	Management of experimental data resulting from the investigation of applications implemented through SAP UI technologies	Journal of Physics: Conference Series, Volume 2540, 012018	https://doi.org/10.1088/1742-6596/2540/1/012018	IOP Publishing	Banja Luka	2023	1742-6596
540	Deaconu S, M. Topor, A.M. Blaj	Geothermal energy used in cascade for power plant, residential heating, greenhouses and fishing farms	11th Conference on Radiation, Natural Science, Medicine, Engineering and Natural Science	https://doi.org/10.21175/rad.abstr.book.2023.14.2		Novi Herceg	2023	

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
541	Deaconu S I, Topor M, Feifei Bu, Blaj A	Cascade System for Optimal Use of Deep Geothermal Energy	16th International Conference on Accomplishments in Mecanical and Industrial Engineering	https://scidar.kg.ac.rs/bitstream/123456789/18499/1/Daca%20Nikolic_D EMI%202023.pdf		Banja Luka	2023	
542	Ljubica Janjetovoc, Tarik Veli, Popa Mihaela	Artificial intelligence in graphic design and art – some ethical aspects	XII INTERNATIONAL CONFERENCE OF SOCIAL AND TECHNOLOGICAL DEVELOPMENT, Trebinje, June, 15-18	https://stedconference.com/wp-content/uploads/2023/12/Proceedings_STEDC_2023.pdf		Trebinje, Bosnia &Herzegovina	2023	
543	Popa, Mihaela	Breakfast between yes and no – case study	ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XXI [2023] Fascicule 3 [August]	https://annals.fih.upt.ro/pdf-full/2023/ANNALS-2023-3-08.pdf		Hunedoara	2023	
544	Ljubica Janjetović, Mihaela Popa, Simonida Vilić, Darjana Sredić, Anna Staszewska, Amalia Dascal	Attitudes of participants in digital communication in higher education on the importance of social skills and innovative teaching methods in the teaching process	Journal Pedagogical Reality, pp.167-177Vol 69 No 2 Digital literacy, Pedagogika Stvarnost	https://pedagoskastvarnost.ff.uns.ac.rs/index.php/ps/issue/view/17		Novi Sad, Serbia	2023	0553-4569,
545	Bistriean D.A., Dimitriu G., Navon I.M.	Reduced-Order Modelling Based on Koopman Operator Theory	TRANSYLVANIAN JOURNAL OF MATHEMATICS AND MECHANICS	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=D6tV3JcAAAAJ&sortby=pubdate&citation_for_view=D6tV3JcAAAAJ:NMxIIDl6LWMC			2023	2067-239X
546	Paul Tota, Mircea-Florin Vaida, Romulus-Mircea Terebes, Gelu-Ovidiu Tirian and Sebastian-Daniel Maris	Mesh Network with Telepresence Robots for Advertising	2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI58269.2023.10158608	IEEE	Timișoara	2023	2765-818X
547	Diniș Corina Maria, Popa Gabriel Nicolae, Iagăr Angela	Experimental Analysis of Power Quality in a Power Substation Used in a Residential and Educational Sector	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 23-25 March 2023, Bucharest, Romania	DOI: 10.1109/ATEE58038.2023.10108346		Bucharest, Romania	2023	979-835033193-6
548	Diniș Corina Maria, Popa Gabriel Nicolae, Iagăr Angela	Study of Analogue THD-meters with Notch Filter for Voltage and Current	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 23-25 March 2023, Bucharest, Romania	DOI: 10.1109/ATEE58038.2023.10108147		Bucharest, Romania	2023	979-835033193-6
549	Diniș Corina Maria , Popa Gabriel Nicolae , Rob Raluca Oana Sonia	Experimental Investigations of the Operation of LC Filters Driven by SSRs	2023 International Conference on Electromechanical and Energy Systems (SIELMEN), 11-13 October 2023	DOI:10.1109/SIELMEN59038.2023.10290815		Craiova, Romania Chișinău, Republica Moldova	2023	979-8-3503-1524-0
550	Diniș Corina Maria, Popa Gabriel Nicolae, Iagăr Angela	Experimental Investigations of the Operation of Capacitors Driven by SSRs	2023 International Conference on Electromechanical and Energy Systems (SIELMEN), 11-13 October 2023	DOI:10.1109/SIELMEN59038.2023.10290802		Craiova, Romania Chișinău, Republica Moldova	2023	979-8-3503-1524-0
551	I Baciuc, C D Cuntăn, G N Popa and A Iagăr	Xilinx control circuit made to highlight injected fuel flow	Journal of Physics: Conference Series, 2540 (2023) 012014	doi:10.1088/1742-6596/2540/1/012014	IOP Publishing, Journal of Physics		2023	1755-1315
552	Ichim-Burlacu CI, Rat CL	Modelling the hydrokinetic turbine	Volume 16 , Fascicule 3	https://acta.fih.upt.ro/pdf/2023-3/ACTA-2023-3-05.pdf	Acta Technica Corviniensis	Hunedoara, Romania	2023	2067-3809
553	Ichim-Burlacu CI, Rat CL	A COMPARISON BETWEEN MATLAB/SIMULINK AND LABVIEW IN THE WIND TURBINE SIMULATION	Volume 21 , Fascicule 3	https://annals.fih.upt.ro/pdf-full/2023/ANNALS-2023-3-06.pdf	Annals of the Faculty of Engineering Hunedoara	Hunedoara, Romania	2023	2601-2332

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
554	Rat C L, Ichim-Burlacu C and Bistriean D A	Optimizing the operation of photovoltaic panels using mathematical regression models	Journal of Physics: Conference Series - International Conference on Applied Sciences (ICAS 2022)	doi:10.1088/1742-6596/2540/1/012004	IOP Publishing	Banja Luka, Bosnia and Herzegovina	2023	1742-6596
555	Ichim-Burlacu C, Rat CL, Cuntan C, Rob R, Baciu I	PV Panel Emulator Based on Arduino and LabVIEW	Innovations in Smart Cities Applications Volume 7	https://doi.org/10.1007/978-3-031-53824-7	Springer Nature Switzerland	Paris, France	2023	978-3-031-53824-7
556	Deaconu S I, Topor M, Blaj A, Feifei Bu,	Steps for the Realization of a Medium-power Photovoltaic Park	International Journal of Electrical Engineering and Computer Science	https://dx.doi.org/10.37394/232027.2024.6.16	WSEAS		2024	2769-2507
557	Meyer-Baese A., Mueller K., Meyer-Baese U., Bistriean D.A., Stadlbauer A., Malberg H.	Cluster Synchronization in Fractional-Order Dynamic Dementia Networks	SPIE Medical Imaging 2024	https://doi.org/10.1117/12.3008247	SPIE	San Diego	2024	1605-7422
558	Meyer-Baese A., Mueller K., Meyer-Baese U., Bistriean D.A., Stadlbauer A., Malberg H.	Controllability and Robustness of Functional and Structural Connectomic Networks in Dementia	SPIE Medical Imaging 2024	https://doi.org/10.1117/12.3006986	SPIE	San Diego	2024	1605-7422
559	G Militaru, M Panoiu and C Panoiu	Real-time detecting deformation on pantograph contact strip based on image processing technique	Journal of Physics: Conference Series, Volume 2714, 11th International Conference on Applied Sciences (ICAS 2023) 24/05/2023 - 27/05/2023 Hunedoara, Romania	10.1088/1742-6596/2714/1/012008	IOP Publishing	Hunedoara	2024	1742-6596
560	P Ivascanu, G Militaru, M Panoiu and C Panoiu	Researches regarding power quality at the hot rolling mills' power supply	Journal of Physics: Conference Series, Volume 2714, 11th International Conference on Applied Sciences (ICAS 2023) 24/05/2023 - 27/05/2023 Hunedoara, Romania	10.1088/1742-6596/2714/1/012008	IOP Publishing	Hunedoara	2024	1742-6596
561	Ichim-Burlacu CI, Rat CL	Comparative Study on HIL Simulators in MATLAB and LabVIEW	Lecture Notes in Information Systems and Organisation Volume 71	https://doi.org/10.1007/978-3-031-75329-9_18	Springer Nature Switzerland	Kosice, Slovakia	2024	978-3-031-75329-9
562	Ichim-Burlacu CI, Rat CL	Maximizing the Energy Yield of Traffic Turbines	Innovations in Smart Cities Applications Volume 8	https://doi.org/10.1007/978-3-031-88653-9_39	Springer Nature Switzerland	Tangier, Morocco	2024	978-3-031-88653-9
563	A.A. DASCAL, A. JOSAN, D. M. STOICA, C. PINCA-BRETOTEAN	Effect of Phenolic Resin on the Friction Performance of Composites with Hemp Fiber for Automotive Brake Pads	MATERIALE PLASTICE	https://doi.org/10.37358/Mat.Plast.1964	REVISTA DE CHIMIE SRL	Bucuresti, Romania	2024	0025-5289
564	SA Rațiu, DM Stoica, A Josan, C Pinca-Bretotean	Alternative Fuel Options for Internal Combustion Engines	International Conference on Machine and Industrial Design in Mechanical	https://doi.org/10.1007/978-3-031-80512-7_85	Springer	Switzerland, Cham	2024	978-3-031-80511-0
565	Ljubica Janjetović, Mihaela Popa, Simonida Vilić, Darjana Sredić, Anna Staszewska, Amalia Dascal	The significance of digital communication competencies and media tools for the teaching process in the international university study	ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XXII [2024] Fascicul 1 [February]	https://annals.fih.upt.ro/ANNALS-2024-1.html https://annals.fih.upt.ro/pdf-full/2024/ANNALS-2024-1-03.pdf		Hunedoara	2024	
566	A I Sabău, M Popa, G Stoia, T B Bacoș, Adrian Eugen Cioabla	Preliminary study on driver posture through new method of analysis	X International Conference Industrial Engineering and Environmental Protection 2024	https://doi.org/10.46793/IIZS24.207S		Zrenjanin, Serbia	2024	978-86-7672-376-8

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567	Mihaela Popa, Ljubica Janjetović, Adrian Eugen Cioabla	STUDENTS EXPECTATIONS TOWARD UNIVERSITY CAREER FAIRS: A CASE STUDY OF ENGINEERING FACULTY STUDENTS IN HUNEDOARA	XIII INTERNATIONAL CONFERENCE ON SOCIAL AND TECHNOLOGICAL DEVELOPMENT PROCEEDINGS, Trebinje, June, 06-09, P.519-526	DOI: 10.7251/STEDZ2401519P, https://stedconference.com/uploads/issue/image/68bf4a58a213493949400.pdf		Trebinje, Bosnia &Herzegovina	2024	
568	Corina Cunțan, Caius Panoiu, Manuela Panoiu, Ioan Baci, Sergiu Mezinescu	Using the LabVIEW Simulation Program to Design and Determine the Characteristics of Amplifiers	Chips	https://doi.org/10.3390/chips3020004	MDPI	Basel, Switzerland	2024	2674-0729
569	C D Cunțan, I Baci and M Osaci	Study of MOS and IGBT transistors at switching with variable duty cycle	Journal of Physics Conference Series 2714(1):012010	https://doi.org/10.1088/1742-6596/2714/1/012010	IOP Publishing		2024	1742-6588
570	Jinga I., Mekkluan P., Topor M.	SYSTEM FOR STORING ENERGY IN THE FORM OF HEAT IN THERMAL BATTERIES CONNECTED TO PHOTOVOLTAIC POWER GENERATION SOURCES	Annals of the Faculty of Engineering Hunedoara	https://annals.fih.upt.ro/pdf-full/2024/ANNALS-2024-3-09.pdf			2024	1584 – 266
571	Topor M, Bu F, Haozhe L, Deaconu S.I.	Enhancing the Performance of Open Winding Induction Generators for Variable Speed Generator Energy Applications	2024 IEEE International Conference And Exposition On Electric And Power Engineering (EPEi)	https://ieeexplore.ieee.org/abstract/document/10758162	IEEE	Iasi	2024	979-8-3503-5619-9
572	Iagăr A., Popa G. N., Diniș C. M., Cunțan C. D.	Performances analysis of numerical protective relay 7SA612	Annals of Faculty Engineering Hunedoara - International Journal of Engineering, Tome XXII, Fascicule 3, August 2024	https://annals.fih.upt.ro/pdf-full/2024/ANNALS-2024-3-19.pdf		Hunedoara	2024	ISSN: 1584–2673, Online ISSN: 2601–2332
573	Chioncel, C., Spunei, E., Tirian. G.O	Influence of the Wind Speed Amplitude on the Energy Captured by a Wind Turbine Operating at Time-Varying Wind Speeds	International Conference on Electromechanical and Energy Systems, SIELMEN 2023		IEEE	Craiova	2024	
574	Alic D.D., Pinca Bretotean C.	Design and optimization study of a resistance structure for an industrial storage platform supporting injection molding tools for the automotive industry	Journal of Physics: Conference Series 2540	https://doi.org/10.1088/1742-6596/2540/1/012025	IOP Publishing		2023	1742-6596
575	Ardelean E, Ardelean M, Galfi C, Socalici A, Josan A	RADIOGRAPHIC FILM WASTE MANAGEMENT AND RECOVERY	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/2540/1/012041 https://iopscience.iop.org/article/10.1088/1742-6596/2540/1/012041/pdf	Institute of Physics	Banja Luca	2023	1742-6596
576	Radu, M., Heput, T., Ardelean, E., Dascal, A.	Research on the influence of casting powders on the higher quality of continuous cast semi-finished parts	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/1781/1/012057 https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012057	Institute of Physics	Hunedoara	2021	1742-6596

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577	Ardelean, E., Ordodi, V., Ardelean, M., Socalici, A., Lemle, K.L.	Reduction of pollution by controlled disposal of hazardous pharmaceuticals	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/1781/1/012026 https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012026	Institute of Physics	Hunedoara	2021	1742-6596
578	Ardelean, M., Mihuț, G., Ardelean, E., Josan, A.	Study regarding the mechanical characteristics of high-strength steels	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/2714/1/012021 https://iopscience.iop.org/article/10.1088/1742-6596/2714/1/012021	Institute of Physics	Hunedoara	2023	1742-6596
579	Mihuț, G., Ardelean, M., Popa, E.	The variation of the hardness of high-strength steels depending on the microstructures specific of tempering	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/2714/1/012025 https://iopscience.iop.org/article/10.1088/1742-6596/2714/1/012025	Institute of Physics	Hunedoara	2023	1742-6596
580	Mihuț G. , Ardelean M	Improvement of mechanical properties of bevel gears by nitrocarburizing	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/2540/1/012043 https://iopscience.iop.org/article/10.1088/1742-6596/2540/1/012043	Institute of Physics	Banja Luca	2023	1742-6596
581	Ardelean, M., Ardelean, E., Mihuț G., Găianu O.	The importance of recovering precious metals from waste electrical and electronic equipment	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/1781/1/012049 https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012049	Institute of Physics	Hunedoara	2021	1742-6596
582	I. Fărcean, G. Proștean, A. Socalici	Sustainable development indicators in the steel industry	Journal of Physics: Conference Series	doi:10.1088/1742-6596/2540/1/012045	IOP Publishing Ltd	Banja Luka	2023	1742-6596
583	Pinca-Bretotean Camelia, Crăciun A.L., Preda C., Sharma A.K.	Physico-mechanical and tribological characteristics of composites used for brake pads	IOP Conf. Series: Journal of Physics: Conference Series 012032	DOI 10.1088/1742-6596/1781/1/012032-Link: https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012032	IOP Publishing House	Bristol-England	2021	1742-6596
584	Arun Kumar Sharma, Rakesh Bhandari, Pinca-Bretotean Camelia	Impact of silicon carbide reinforcement on characteristics of aluminium metal matrix composite	IOP Conf. Series: Journal of Physics, 1781 012031,	DOI 10.1088/1742-6596/1781/1/012031 Link: https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012031/pdf	IOP Publishing House	Bristol-England	2021	1742-6596

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585	Sharma A.K., Bandhari R, Sharma C., Dahad S.C., Pinca-Bretotean Camelia	A study of effects of reinforcement materials in aluminium based in metal matrix composites	International Journal of Engineering Trends and Technology	DOI : 10.14445/22315381/IJE TT-V6919P203 Link: https://ijettjournal.org/archive/ijett-v69i9p203	Seventh Sense Research Group	Tiruchirappalli-India	2021	2231 – 5381
586	Preda Cosmin, Bleonțu Robert Marian, Pinca-Bretotean Camelia	Study and thermal analysis of vanes shape design for brake disc in automotive industry	IOP Conf. Series: Journal of Physics: Conference Series, 012025	DOI 10.1088/1742-6596/2212/1/012025 Link: https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012025	IOP Publishing House	Bristol-England	2022	1742-6596
587	Pinca-Bretotean Camelia, Sharma A.K., Josan Ana	Investigation of functional characteristics of composites used for brake pads	IOP Conf. Series: Journal of Physics: Conference Series, 012025	DOI:10.1088/1742-6596/2212/1/012024 Link: https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012024/pdf	IOP Publishing House	Bristol-England	2022	1742-6596
588	Sharma A.K., Pinca-Bretotean Camelia, Sharika S.	Artificial intelligence in lean manufacturing paradigm: A review	4th International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2023)	DOI /10.1051/e3sconf/202339101163 Link: https://www.e3s-conferences.org/articles/e3sconf/pdf/2023/28/e3sconf_icmed-icmcp2023_01163.pdf	EDP Sciences	Les Ulis, France	2023	1742-6596
589	Rațiu Sorin, Josan, A., Alexa, V., Cioată, V.G., Kiss, I.	Impact of contaminants on engine oil: a review	Journal of Physics: Conference Series 1781 (1)	10.1088/1742-6596/1781/1/012051 https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012051	IOP Publishing	Bristol, England	2021	1742-6596
590	Rațiu Sorin, Benea, L., Armioni, D.M.	Application of used engine oil in the asphalt pavement industry	Journal of Physics: Conference Series, 2022, 2212(1)	10.1088/1742-6596/2212/1/012026 https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012026	IOP Publishing	Bristol, England	2022	1742-6596
591	Rațiu Sorin, Armioni, D.M.	An overview of methods and technologies for the production of alternative diesel fuel from used engine oil	Journal of Physics: Conference Series, 2023, 2540(1)	10.1088/1742-6596/2540/1/012042 https://iopscience.iop.org/article/10.1088/1742-6596/2540/1/012042	IOP Publishing	Bristol, England	2023	1742-6596
592	Miklos I. Zs., Miklos C. C., Alic C. I.	Elastic couplings design with bolts using iPart and iAssembly concepts	International Conference on Applied Sciences (ICAS 2020), Journal of Physics: Conference Series	doi:10.1088/1742-6596/1781/1/012048	IOP	Hunedoara	2021	ISSN: 17426588
593	Miklos I. Zs., Miklos C. C., Alic C. I.	Dynamic Simulation of a Planetary Gearbox with Double Satellite	Machine and Industrial Design in Mechanical Engineering, Mechanisms and Machine Science 109,	https://doi.org/10.1007/978-3-030-88465-9_52	Springer	Novi Sad	2022	ISSN: 22110984

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594	Miklos I. Zs., Miklos C. C., Alic C. I.	Dynamic simulation of the differential gear in road vehicles	11th International Conference on Applied Sciences (ICAS 2023), Journal of Physics: Conference Series	doi: 10.1088/1742-6596/2714/1/012017	IOP	Hunedoara	2024	ISSN: 17426588
595	Vucetic, N., Antunovic R., Jeremic D., Radic N., Miklos I. Zs., Saranko A.	Algorithm for assessing the integrity of the cylinder assembly	7th International Conference Scientific Conference COMETA 2024, Conference on Mechanical Engineering Technologies and Applications Proceeding		University of East Sarajevo Faculty of Mechanical Engineering East Sarajevo	Sarajevo	2024	ISBN: 978-99976-085-2-9
596	C Birtok Băneasă	The Flow Heat Dispersion in the engine compartment. Case Study BMW 4.4L V8 F	The Patent International Magazine	https://www.thepatent.news/2020/06/04/the-flow-heat-dispersion-in-the-engine-compartment-case-study-bmw-4-4l-v8-f/	Witup L.t.d. Publisher	Londra	2020	1657-2774
597	Bucevschi Robert, Socalici Ana, Budiul Berghian Adina	CONCEPTS FOR THE USAGE OF ZEOLITIC MOLECULAR SIEVES IN FILTRATION PROCESSES	Annals of the Faculty of Engineering Hunedoara - Journal of Engineering, 19(3)	https://annals.fih.upt.ro/pdf-full/2021/ANNALS-2021-3-09.pdf	Politehnica	Timisoara	2021	2601-2332
598	Flavius BUCUR, Liviu PASCU, Ana SOCALICI, Marius ARDELEAN	WEAR TEST OF BRAKE CLOGS MATERIALS	Annals of the Faculty of Engineering Hunedoara - Journal of Engineering, 19(4)	https://annals.fih.upt.ro/pdf-full/2021/ANNALS-2021-4-08.pdf	Politehnica	Timisoara	2021	2601-2332
599	Ana SOCALICI, Cristina PACURAR, Corneliu BIRTOK BANEASA, Adina BUDIUL BERGHIAN, Oana GAIANU	ANALYSIS OF THE METAL LOAD STRUCTURE WHEN DESIGNING STEELS IN ELECTRIC ARC FURNACES	European Journal of Materials Science and Engineering, 6(4) DOI: 10.36868/ejmse.2021.06.04.212	https://ejmse.ro/articles/06_04_05_EJMSE-21-155.pdf	Politehniun	Iasi	2021	2537-4338
600	R Bucevschi, A Socalici, A Budiul Berghian and C Birtok Băneasă	Experimental analysis of the influence of clogging on the filtration process for internal combustion engines	International Conference on Applied Sciences 9–11 May 2020, Hunedoara, Romania (ICAS 2020), Journal of Physics: Conference Series, Volume: 1781 (2021) 012060	https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012060	IOP Publishing Ltd	Hunedoara	2021	1742-6596
601	O Lupu, A Socalici, E Popa and O Gaianu	Processing of ferrous iron and steel waste in the context of the circular economy	International Conference on Applied Sciences 9–11 May 2020, Hunedoara, Romania (ICAS 2020), Journal of Physics: Conference Series, Volume: 1781 (2021) 012058	https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012058	IOP Publishing Ltd	Hunedoara	2021	1742-6596
602	L Zgripcea, V Putan Ardelean M and C Birtok Băneasă	Technology of thin metal sheet cutting with fiber laser	International Conference on Applied Sciences 9–11 May 2020, Hunedoara, Romania (ICAS 2020), Journal of Physics: Conference Series, Volume: 1781 (2021) 012059	https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012059	IOP Publishing Ltd	Hunedoara	2021	1742-6596
603	C Birtok Băneasă, A Budiul Berghian and S Ratiu	The influence of the air filter location on the intake system temperature in the case of engines for drifting	The XXXI-st SIAR International Congress of Automotive and Transport Engineering, Automotive and Integrated Transport Systems AITS 2021, 28-30 oct 2021, Technical University of Moldova, Chisinau, Republic of Moldova, IOP Conference Series: Materials Science and Engineering, Vol 1220, 2022	https://iopscience.iop.org/article/10.1088/1757-899X/1220/1/012043/pdf	IOP Publishing Ltd	Chisinau	2022	1757-899X
604	L Zgripcea, A Socalici, V Putan and C Birtok Băneasă	Unconventional method of cutting aluminum plates using fiber laser with oxygen assist gas	International Conference on Applied Sciences 12-14 May 2021, Hunedoara, Romania (ICAS 2021), Journal of Physics: 2212	https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012033	IOP Publishing Ltd	Hunedoara	2022	1742-6596

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
605	O Poenaru, A V Socalici, A Budiul Berghian and C Birtok Băneasă	Quality of continuous cast steel products used in automotive industry	International Conference on Applied Sciences 12-14 May 2021, Hunedoara, Romania (ICAS 2021), Journal of Physics: 2212	https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012032	IOP Publishing Ltd	Hunedoara	2022	1742-6596
606	Ioana FĂRCEAN, Gabriela PROȘTEAN, Ana SOCALICI	METHODS AND TECHNIQUES USED IN RECYCLING PROJECTS FOR WASTE CONTAINING IRON	Acta Technica Corviniensis - Bulletin of Engineering, 15(4)	https://acta.fih.upt.ro/pdf/2022-4/ACTA-2022-4-08.pdf	Politehnica	Timisoara	2022	2601-2332
607	Cioroaga Bogdan-Dorel, Socalici Ana Virginia, Cioata Vasile George, Dascal Amalia Ana, Ardelean Marius	Analysis of electric flux arc welding parameters influence using visual x-ray inspection	9th International Conference on Advanced Materials and Structures AMS 2022, Timisoara, Romania, publicare Materials Today Proceedings, SCOPUS	https://www.sciencedirect.com/science/article/abs/pii/S2214785322066056	Elsevier	Amsterdam	2023	2214-7853
608	Bucevschi Robert, Socalici Ana, Budiul Berghian Adina, Birtok Baneasa Corneliu	Comparative study of filtration parameters depending on the nature of the filter material	9th International Conference on Advanced Materials and Structures AMS 2022, Timisoara, Romania, publicare Materials Today Proceedings, Scopus	https://www.sciencedirect.com/science/article/abs/pii/S2214785323006582	Elsevier	Amsterdam	2023	2214-7853
609	Bobora A, Farcean I., Lupu O, Ana Socalici	Valorification of Ferrous Sludges Resulting from the Steel Industry	International Journal of Engineering Energy and Electronics (IJEET) 1(1) -2023	https://journals.gaftim.com/index.php/ijeec/article/view/279/184	GAFTIM	Düsseldorf	2023	DOI: 10.54489/ijeec
610	Ioan Alexandru Rus, Corneliu Birtok Băneasă, Eugen Viorel Nicolae, Ana Socalici, Adina Budiul Berghian	The recovery of cobalt from the cathode-ray paste of used li-ion batteries in the form of cobalt blue	European Journal of Materials Science and Engineering, Iasi	https://ejmse.ro/articles/08_04_02_EJMSE-23-197.pdf	Politehniun	Iasi	2023	2537-4338
611	Trišović, Zaga; Trišović, Tomislav; Socalici, Ana Virginia; Jeli, Zorana; Baneasa Birtok, Corneliu	Innovations in Wastewater Treatment	9th International Scientific Conference on Advances in Mechanical Engineering, Trans Tech Publications Ltd, Switzerland, editors: Mihály Csüllög and Dr. Tamas Mankovits 978-3-0364-0445-5	https://books.google.ro/books?id=LvIaEQAAQBAJ&printsec=frontcover&hl=ro&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false	Trans Tech Publications Ltd	Switzerland	2023	978-3-0364-0445-5
612	Trišović, Zaga; Lazović-Kapor, Tatjana; Socalici, Ana Virginia; Jeli, Zorana; Trišović, Tomislav	Innovations in Water Treatment	9th International Scientific Conference on Advances in Mechanical Engineering, Trans Tech Publications Ltd, Switzerland, editors: Mihály Csüllög and Dr. Tamas Mankovits 978-3-0364-0445-5	https://books.google.ro/books?id=LvIaEQAAQBAJ&printsec=frontcover&hl=ro&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false	Trans Tech Publications Ltd	Switzerland	2023	978-3-0364-0445-5
613	Jeremić, Olivera; Li, Wei; Trišović, Nataša; Socalici, Ana Virginia; Baneasa Birtok, Corneliu; Lazović-Kapor, Tatjana; Petrović, Ana	Refinement of the Finite Element Model for Enhanced Structural Analysis	9th International Scientific Conference on Advances in Mechanical Engineering, Trans Tech Publications Ltd, Switzerland, editors: Mihály Csüllög and Dr. Tamas Mankovits 978-3-0364-0445-5	https://books.google.ro/books/about/The_9th_International_Scientific_Conference.html?id=LvIaEQAAQBAJ&redir_esc=y	Trans Tech Publications Ltd	Switzerland	2023	978-3-0364-0445-5
614	Trišović, Zaga; Trišović, Tomislav; Socalici, Ana Virginia; Baneasa Birtok, Corneliu	INNOVATIVE SYSTEM FOR ELECTROCHEMICAL ACTIVE CHLORINE PRODUCTION IN COAXIAL AND CABINET-TYPE REACTORS	International Scientific and Professional Conference POLITEHNIA 2023, 15 Dec, Belgrad 2023, 978-86-7498-110-8, Publisher: Academy of Applied Technical Studies Belgrade	https://dais.sanu.ac.rs/handle/123456789/16175	The Academy of Applied Technical Studies "Belgrade	Belgrad	2023	978-86-7498-110-8
615	Nataša Trišović, Wei Li, Marko Gavrilović, Corneliu Baneasa Birtok, Ognjen Ristić, Milica Milić, Radoslav Radulovic, Zaga Trišović, Ana Virginia Socalici	Effects of changing design parameters	International Scientific and Professional Conference POLITEHNIA 2023, 15 Dec, Belgrad 2023, 978-86-7498-110-8, Publisher: Academy of Applied Technical Studies Belgrade	https://dais.sanu.ac.rs/handle/123456789/16175	The Academy of Applied Technical Studies "Belgrade	Belgrad	2023	978-86-7498-110-8

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
616	F. Bucur, A. Socalici, A. Josan, V. Putan and Corneliu Birtok Baneasa	Simulation of the casting and solidification process of the brake blocks intended for rolling stock	International Conference on Applied Sciences 24-27 May 2023, Hunedoara, Romania (ICAS 2023), Journal of Physics	https://iopscience.iop.org/article/10.1088/1742-6596/2714/1/012022	Institute of Physics	Hunedoara	2024	1742-6596
617	I.A. Rus, Corneliu Birtok Băneasă, A. Socalici, E. V. Nicolae, O. Gaianu	Possibilities of exploitation of useful metals from used Li-ion batteries	International Conference on Applied Sciences 24-27 May 2023, Hunedoara, Romania (ICAS 2023), Journal of Physics	https://iopscience.iop.org/article/10.1088/1742-6596/2714/1/012018	Institute of Physics	Hunedoara	2024	1742-6596
618	Birtok Baneasa Corneliu, Socalici Ana, Sapta Doru	THE INFLUENCE OF THE CHEMICAL COMPOSITION ON THE FINISH OF THE GRANULATION OF THE ALUMINUM ALLOYS 6082	2nd International Conference on Mathematical Modelling in Mechanics and Engineering Mathematical Institute SANU, 12-14. September, 2024, Belgrad, Serbia	https://scidar.kg.ac.rs/bitstream/123456789/21390/1/Booklet%20of%20Abstracts_ICME_2024-V-Dunic.pdf	FME Transactions - Scientific Journal published by the Faculty of Mechanical Engineering	Belgrad	2024	1451-2092
619	Sapta Doru, Socalici Ana, Birtok Baneasa Corneliu, Vasile Putan	Quality Assessment of Aluminum Alloys for Automotive Rims	10th International Conference on Advanced Materials and Structures AMS 2024, 30 May-01 June 2024 Timișoara, Romania, Proceedings of AMS'24 will be published in IOP Conference Series: Materials Science and Engineering (MSE)	https://iopscience.iop.org/article/10.1088/1757-899X/1319/1/012013/pdf	Institute of Physics	Timisoara	2024	1757-899X
620	Bobora Adriana, Socalici Ana, Birtok Baneasa Corneliu, Sapta Doru	The possibility of recycling iron sludge in the steel industry	10th International Conference on Advanced Materials and Structures AMS 2024, 30 May-01 June 2024 Timișoara, Romania, Proceedings of AMS'24 will be published in IOP Conference Series: Materials Science and Engineering (MSE)	https://iopscience.iop.org/article/10.1088/1757-899X/1319/1/012012/pdf	Institute of Physics	Timisoara	2024	1757-899X
621	A. Bobora, A. Socalici, A. Budiul Berghian, M. Ardelean, C. Birtok Baneasa	Possibilities of recycling of sideritic tailings in steel industry	International Conference on Applied Sciences May 2024, Hunedoara, Romania (ICAS 2024), Journal of Physics, Conference Series 2927(1)	https://iopscience.iop.org/article/10.1088/1742-6596/2927/1/012011	Institute of Physics	Hunedoara	2024	1742-6588
622	Sapta D, Socalici A, Birtok Baneasa C, Putan V	Analysis of the load structure in the processing of aluminum alloys for automotive rims	International Conference on Applied Sciences May 2024, Hunedoara, Romania (ICAS 2024), Journal of Physics, in curs de indexare	https://iopscience.iop.org/article/10.1088/1742-6596/2927/1/012013	Institute of Physics	Hunedoara	2024	1742-6588
623	Milostean D. and Flori M.	Study of air quality through suspended particles determination	International Conference on Applied Sciences (ICAS 2021)	10.1088/1742-6596/2212/1/011001	IOP Publishing Ltd	Hunedoara	2022	17426588
624	Cristina Miklos, Imre Zsolt Miklos	Modelling and analyzes the catenary suspension in railway electric traction	XII International Conference Industrial Engineering Environmental Protection IZS2022			Zrenjanin	2022	ISBN 978-86-7672-360-7
625	Kiss I., Alexa V., Cioată V. G., Rațiu S.	Half-hard cast-iron rolls: statistically research on the manufacturing technology for increase their quality and safety in exploitation	Journal of Physics: Conference Series, International Conference on Applied Sciences (ICAS 2020)	doi:10.1088/1742-6596/1781/1/012054	IOP Publishing	Hunedoara	2021	1742-6596
626	Todor M. P., Rackov M., Kiss I., Alexa V., Cioată V. G., Rațiu S.	Composite solutions with recycled textile wastes	Journal of Physics: Conference Series, International Conference on Applied Sciences (ICAS 2021)	doi:10.1088/1742-6596/2212/1/012030	IOP Publishing	online	2022	1742-6596
627	Cioroagă B. D., Cioată V. G.	The Anti-collapse Safety System for Hydraulically Operated Docking Levelers	Advances in Design, Simulation and Manufacturing V. DSMIE 2022. Lecture Notes in Mechanical Engineering	https://doi.org/10.1007/978-3-031-06025-0_16	Springer	Poznan	2022	978-3-031-06024-3
628	Cioroagă B. D., Cioată V. G.	X-ray analysis of welding parameters influence on pressure vessel steel P355 N	Journal of Physics: Conference Series, International Conference on Applied Sciences (ICAS 2022)	doi:10.1088/1742-6596/2540/1/012040	IOP Publishing	Banja Luka	2023	1742-6596
629	Cioroagă B. D., Socalici A. V., Cioată V. G., Dascăl A. A.	Influence of welding angle in the process of submerged arc welding of pressure vessel steel	IOP Conference Series: Materials Science and Engineering, Advanced Materials and Structures Conference (AMS 2024)	doi:10.1088/1757-899X/1319/1/012004	IOP Publishing	Timișoara	2024	1757-899X

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
630	AM BACIU, I KISS, E DESNICA, J SĂROSI	REINFORCING CONCRETE WITH RECYCLED PLASTIC WASTES	Journal of Physics: Conference Series 2212 (1), 012031	DOI 10.1088/1742-6596/2212/1/012031	IOP Publishing	Hunedoara	2022	1742-6596
631	A Dascăl, M Popa	The 3D reconstruction of a road accident used the specialized program PC Crash 12.1	International Conference on Applied Sciences (ICAS 2020) 20-22 May 2020, Hunedoara, Romania	https://iopscience.iop.org/article/10.1088/1742-6596/1781/1/012052/meta	IOP Publishing Ltd	Bristol	2021	
632	A Dascăl, M Popa	Possibilities of 3D reconstruction of the vehicle collision scene in the photogrammetric environment Agisoft Metashape 1.6. 2	International Conference on Applied Sciences (ICAS 2021) 12/05/2021 - 14/05/2021 Online	https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012017/meta	IOP Publishing Ltd	Bristol	2021	
633	A Dascăl, M Popa, V Rodic	Modern approach in a car accident with PC Crash Program	International Conference on Applied Sciences (ICAS 2021) 12/05/2021 - 14/05/2021 Online	https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012017/meta	IOP Publishing Ltd	Bristol	2021	
634	A Josan, E Ardelean, M Ardelean, V Puțan	Management of the activity of quality assurance of cast iron castings in foundries	Journal of Physics: Conference Series, Volume 1781, International Conference on Applied Sciences (ICAS 2020) 20-22 May 2020, Hunedoara, Romania, Journal of Physics: Conference Series	10.1088/1742-6596/1781/1/012050	IOP Publishing	Bristol, England	2021	2214-7853
635	F Bucur, A Josan, A Socalici, O Gaianu	Manufacturing process management for cast iron brake blocks	Journal of Physics: Conference Series, Volume 1781, International Conference on Applied Sciences (ICAS 2020) 20-22 May 2020, Hunedoara, Romania, Journal of Physics: Conference Series	doi:10.1088/1742-6596/1781/1/012056	IOP Publishing	Bristol, England	2021	2214-7853
636	Josan A.; Pinca-Bretorean C., Ardelean E., Ardelean M.	Management of the process of moulding-casting a steel part in order to optimize it	Journal of Physics: Conference Series, Volume 2540, International Conference on Applied Sciences (ICAS 2022) 25-28 May 2021, Banja Luca / Journal of Physics: Conference Series	doi: 10.1088/1742-6596/2540/1/012039	IOP Publishing	Bristol, England	2023	17426588
637	A Budiul-Berghian, O. Lupu, A. Socalici, C Birtok Băneasă	Harnessing the ferrous sludge resulting from steel industry in the context of the circular economy	UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 1454-2331	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/fullfbf_587585.pdf	UPB	București	2021	ISSN 1454-2331
638	Buciuman Cella-Flavia	How can agility sustain a change of mindset in education?	Proceedings of the 19th European Conference on e-Learning - ECEL 2020	DOI:10.34190/EEL.20.113	Academic Conferences International Limited Reading, UK		2020	978-1-912764-78-5
639	Albulescu Claudiu, Tămășilă Matei, Ilie Taucean	The Nonlinear Relationship Between Firm Size and Growth in The Automotive Industry from Timis Region from Romania	Expanding Horizons: Business, Management and Technology for Better Society		ToKnowPress		2020	
640	Diana Robescu, Anca Draghici, Dana Fatol, Tămășilă Matei	The power of intellectual capital management in supporting organization competitiveness	Conferinta/Celyabinsk/RusiaКонкурентоспособность и развитие социально-экономических систем			Celyabinsk/Rusia	2020	
641	Andra Diaconescu, Olivia Giuca & Ioan-Radu Lala	Improving Workflows Through Digital Collaboration in Software Development Projects	Innovation in Sustainable Management and Entrepreneurship	https://doi.org/10.1007/978-3-030-44711-3_50	Springer, Cham	Timisoara	2020	978-3-030-44711-3
642	A DIACONESCU, A., PROSTEAN, G., ATANASESCU, D., & REISZ	ENGAGING CREATIVE THINKING TECHNIQUES TO SUPPORT STUDENTS IN HIGHER EDUCATION	7th Review of Management and Economic Engineering International Management Conference: "Management Challenges Within Globalization", Cluj-Napoca, Romania.	https://doi.org/10.5281/zenodo.6556634	Zenodo	Cluj	2020	

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
643	Andra DIACONESCU	Digital Collaboration in Higher Education: Vulnerabilities and Challenges in Elearning during Covid-19 Pandemic	International Business Information Management Conference (36rd IBIMA) 36th IBIMA Conference		IBIMA Publishing	Granada	2020	978-0-9998551-5-7
644	Silviu Nicusor SURU, Gabriela PROSTEAN, Petra Lucia PROSTEAN, Radu Cristian TABUICA	model for estimating skills and competencies in Industry 4.0	Proceedings of the 36th International Business Information Management Association (IBIMA)	https://ibima.org/accepted-paper/a-model-for-estimating-skills-and-competencies-in-industry-4-0/		Granada	2020	978-0-9998551-5-7
645	Potra Sabina Alina, Pugna Adrian	A new Model for Assessing the Voice of the Student in a Mobile App Design Stage	12th International Conference on Education and New Learning Technologies				2020	ISBN 978-84-09-17979-4
646	Silviu Nicusor SURU, Gabriela PROSTEAN and Petra Lucia PROSTEAN, Tabuica Radu	A model for estimating skills and competencies in Industry 4.0	Proceedings of the 36th International Business Information Management Association (IBIMA)	https://ibima.org/accepted-paper/a-model-for-estimating-skills-and-competencies-in-industry-4-0/	IBIMA Publishing	Granada	2020	978-0-9998551-6-4
647	UMANSCHI Mihai Bogdan, PROSTEAN Gabriela	Proposed Model for The Introduction of Physical Activities During the Lockdown and Post Lockdown Period for Sedentary Workers in Industry 4.0	Proceedings of the 36th International Business Information Management Association (IBIMA)	https://ibimapublishing.com/p-articles/COVID36MGT/2020/36194020/	IBIMA Publishing	Granada	2020	978-0-9998551-6-5
648	Andrei AGACHE, Timea CISMA, Muddassar SARFRAZ, Andra DIACONESCU, Larisa IVASCU.	THE IMPACT OF HOME OFFICE ON WORK FACTORS THAT AFFECT PRODUCTIVITY, STRESS LEVELS AND WORK / LIFE BALANCE AMONG EMPLOYEES	Review of Management and Economic Engineering	https://doi.org/10.71235/rmee.93	Association of Managers and Economic Engineers from Romania	Cluj	2021	
649	Băiaș Constantin, Luminosu Caius, Suciu Sorin	Teaching Ethics and Academic Integrity – educational challenges and institutional contexts	ICERI2021 Proceedings	10.21125/iceri.2021.0462	IATED	Valencia	2021	978-84-09-34549-6
650	Dana Atanasescu, Gabriela Prostean, Olivia Giuca	Game based learning in higher education as a method for achieving essential competences for the labor market of the 21st century	14th annual International Conference of Education, Research and Innovation	https://doi.org/10.21125/iceri.2021			2021	2340-1095
651	Silviu Nicusor SURU, Gabriela PROSTEAN and Petra Lucia PROSTEAN	A model for predicting skills and competences of Y and Z generation members for Industry 4.0	Proceedings of the 37th International Business Information Management Association (IBIMA)	https://ibima.org/accepted-paper/a-model-for-predicting-skills-and-competences-of-y-and-z-generation-members-for-industry-4-0/	IBIMA Publishing	Cordoba	2021	978-0-9998551-6-4
652	UMANSCHI Mihai Bogdan, PROSTEAN Gabriela	Proposed Model for The Introduction of Physical Activities During the Lockdown and Post Lockdown Period for Sedentary Workers in Industry 4.0	Proceedings of the 37th International Business Information Management Association (IBIMA)	https://ibima.org/accepted-paper/proposed-model-for-the-introduction-of-physical-activities-during-the-lockdown-and-post-lockdown-period-for-sedentary-workers-in-industry-4-0/	IBIMA Publishing	Cordoba	2021	978-0-9998551-6-5
653	Silviu Nicușor SURU, Gabriela-Ioana PROSTEAN, Bogdan Mihai UMANSCHI, Olivia GIUCA	Self-dynamization within the formal group in the online environment	8th International Management Conference - RMEE2022 - Management Challenges and Opportunities in a Post-Pandemic Reality		BDI - Zenodo	Cluj - Napoca	2022	2247 – 8639
654	Buciuman Cella-Flavia	Teaching Manufacturing Systems Concepts using Game-Based Learning	Proceedings of the 8th Review of Management and Economic Engineering International Management Conference “Management Challenges and Opportunities in the Post-Pandemic Reality”		Todesco Publishing House		2022	2247 – 8639

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655	Sabina Alina POTRA, Tămășilă Matei , Lavinia-Maria Mihali , Adrian PUGNA, Romeo NEGREA	How can academic spin-offs improve their market performance by taking into consideration the voice of their customers?	The 8th International Management Conference "Management challenges and opportunities in the post-pandemic reality", , 22- 24 September 2022.			Cluj-Napoca	2022	
656	A Diaconescu, C Albuлесcu	AN EXPLORATION ON BEST PRACTICES IN HIGHER EDUCATION TO ASSIST ENVIRONMENTAL SUSTAINABILITY	16th International Technology, Education and Development Conference	doi: 10.21125/inted.2022.2094	IATED	Valencia	2022	978-84-09-37758-9
657	A Diaconescu, M Tamasila	DEVELOPING ENTREPRENEURIAL SKILLS IN HIGHER EDUCATION AND TRANSFORMING CHALLENGES INTO OPPORTUNITIES IN ROMANIA	16th International Technology, Education and Development Conference	doi: 10.21125/inted.2022.1950	IATED	Valencia	2022	978-84-09-37758-9
658	De Carvalho Rui Filipe, Potra Sabina Alina, Vels Simon	Using Six Sigma to Improve the Quality Rate of a Display Production Line in the Automotive Industry	Buletinul Științific al Universității Politehnica Timisoara – Seria Inginerie și Management, Vol.8, Nr.1			Timisoara	2022	2392 – 7364
659	Dungan, L. I., Cernescu, L. M., Herman, M., Popescu, F.	Advising, an Indispensable Element in Training Students. Usefulness of POSDRU Grants	WSEAS Transactions on Computers	10.37394/23205.2022.21.7	WSEAS Transactions on Computers		2022	ISSN / E-ISSN: 1109-2750 / 2224-2872
660	Neag N.P, Boatca M.E, Gaureanu A	Remote Work Best Practises for Occupational Health and Safety Training	Proceedings of the MakeLearn, TIIM & PIConf International Conference 18–20 May 2023, Valetta, Malta & Online	https://toknowpress.net/ISBN/978-961-6914-30-7.pdf	ToKnowPress	Celje	2023	ISBN 978-961-6914-30-7 ISSN 2820-6797
661	Rebecca Chincea, Sabina Alina POTRA, Tămășilă Matei	Barriers for online and offline corporate communication. Case study: Organizational communication in Timisoara	The 8th International Management Conference "Management challenges and opportunities in the post-pandemic reality", Cluj-Napoca, 22- 24 September 2022.			Cluj-Napoca	2023	
662	GIURGIU, H. V., PROSTEAN, G., & DIACONESCU, A	Software application development for real estate activities	Scientific Bulletin of the Politehnica University of Timisoara Transactions on Engineering and Management,		Editura Politehnica	Timisoara	2023	
663	GAMA Alice, Diana MARCOV, PAU Nicoleta, Andreea PIETRARU, Ioana VALEA, Andra DIACONESCU, Delia ROZOVLEAN	STUDY ON EMOTIONAL INTELLIGENCE IN THE WORKPLACE: FINDINGS FROM A CASE STUDY IN AUTOMOTIVE INDUSTRY	Review of Management and Economic Engineering	https://doi.org/10.71235/rmcc.38	U.T. Press Publishing House	Cluj	2023	
664	Olenici Carina, Miclăuș Ciprian, Potra Sabina Alina, Moisa Cosmin	A Case Study on the Six Sigma Application to Reduce Acoustic Noise Generated by Multi-layer Ceramic Capacitors	IEEE - Proceedings of the 46th International Spring Seminar on Electronics Technology (ISSE)			Timisoara	2023	
665	Potra Sabina Alina, Olenici Carina, Pugna Adrian, Belgiu George, Cernescu Lavinia	From idea to prototype: Designing a CO2 detection sensor for industrial consumers using the Kano model and QFD's House of Quality	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)				2023	
666	Potra, S. A., Olenici, C., Pugna, A. P., Belgiu, G., Cernescu (Iloie), L. M.	From idea to prototype: Designing a CO 2 detection sensor for industrial consumers using the Kano model and QFD's House of Quality.	IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)	10.1109/SIITME59799.2023.10430582	Institute of Electrical and Electronics Engineering	Craiova	2023	ISSN: 2642-7036
667	Mihali (Iloie), L.M.	Technology-Based Spin-offs in Romania: Evaluation of Their Performance in Different Development Stages	023 15th International Conference on Computer Research and Development (ICCRD)	10.1109/ICCRD56364.2023.10080518	023 15th International Conference on Computer Research and Development (ICCRD)	Hangzhou, China	2023	ISSN: 2161-0894
668	Ciprian Sorin Vlad, Iulia Ioana Mircea, Anamaria Vladu, Larisa Ivașcu, Eugen Roșca,	A Systematic Review of Road Accidents Associated with Alcohol And Psychoactive Drug Use: A 5-Year Survey (2018-2022).	Annals of the Academy of Romanian Scientists - Series on Engineering Sciences	https://doi.org/10.56082/annalsarscieng.2023.2.20	AOSR	Bucuresti	2023	2066-8570
669	Anzhelika Karaeva, Larisa Ivascu, Athanasia K. Tolkou, George Z. Kyzas, Ramona Giurea	Reducing the Negative Impact on Atmospheric Air: An Overview of Economic and Administrative and Legal Tools	SESAM 2023, MATEC Web of Conference	https://doi.org/10.1051/mateconf/202438900066	MATEC	Bucuresti	2023	2261-236X

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670	Oana Bogdan, Valentin Burcă, Larisa Ivașcu	The Digital Transformations Amplified by the Novel Coronavirus are Positively Impacting the Transition to Green Economy? Case Study of Entities Listed at BSE	Annals of Academy of Romanian Sciences – Series on Engineering Sciences	https://doi.org/10.56082/annalsarscieng.2023.1.42		Bucuresti	2023	2066-8570
671	Nicoleta Paula Neag, Anca Draghici, Maria Elena Boatca	Ergonomics for Employees' Satisfaction in Lean Manufacturing Systems	Proceedings of the 9th International Ergonomics Conference	https://doi.org/10.1007/978-3-031-33986-8	Springer Cham	Berlin	2023	978-3-031-33985-1
672	Nicoleta Paula Neag, Maria Elena Boatca, Anca Draghici	Occupational Safety with Artificial Intelligence Application for Ergonomic Risk Assessment	Proceedings of the 9th International Ergonomics Conference	https://doi.org/10.1007/978-3-031-33986-8	Springer Cham	Berlin	2023	978-3-031-33985-1
673	Diana Robescu, Maria Elena Boatca, Anca Draghici, Alina Mazilescu	INNOVATIVE PEDAGOGICAL SOLUTIONS FOR ENGINEERING EDUCATION - BEST PRACTICES FOR EDUCATION 4.0	EDULEARN23 Proceedings	https://doi.org/10.21125/edulearn.2023.0218	IATED	Palma	2023	978-84-09-52151-7
674	Nicoleta Paula Neag, Maria Elena Boatca, Alin Gaureanu	Remote Work Best Practices: The Case of OHS Training	International Journal of Management, Knowledge and Learning	https://toknowpress.net/ISBN/978-961-6914-30-7/42.pdf	ToKnowPress	online	2023	978-961-6914-30-7
675	Maria Elena Boatca, Anca Draghici, Caius Luminosu, Cornelia Baera	Upskilling Remote Educators and Workers: Considerations on a European Certification Scheme	International Journal of Management, Knowledge and Learning	https://www.cecol.com/search/article-detail?id=1255128	ToKnowPress	online	2024	2232-5697
676	Artene Alin Emanuel	Neural Networks in Accounting: Bridging Financial Forecasting and Strategic Decision-Making	World Conference on Financial Accounting (WCFA-24)		DRJI	Tokyo	2024	
677	Buciuman Cella-Flavia; Palea Adina	Students' Perception Regarding the Adoption of Online Learning in Post-COVID-19. Focus on Romanian Higher Education Institutions	Management, Innovation and Entrepreneurship in Challenging Global Times: Proceedings of the 16th International Symposium in Management (SIM 2021)	https://doi.org/10.1007/978-3-031-47164-3_22	Springer, Cham		2024	978-3-031-47163-6
678	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, Vol 67, No 3S (2024)		UT PRESS Technical University of Cluj-Napoca	Cluj-Napoca	2024	1221 – 5872
679	Buciuman Cella-Flavia; Potra Sabina; Dungan Luisa	Integrating Agile Methodologies and Gamification for Student Engagement and Success	Proceedings of the 18th European Conference on Games Based Learning	https://doi.org/10.34190/ecgbl.18.1.2766	Academic Conferences International Limited	Reading, UK	2024	978-1-917204-20-0
680	Palea Adina; Buciuman Cella-Flavia	The Impact of Artificial Intelligence (AI) on Teaching Public Relations (PR)	Emerging Technologies, Challenges and Opportunities in Education and Research		EDEN Research Workshop Proceedings Emerging Technologies, Challenges and Opportunities in Education and Research	Timisoara	2024	2707-2819
681	Andra Diaconescu	Digital Tools in the Educational Environment Empower Student Collaboration. A Study Case in Higher Education	Research and Education	DOI: 10.56177/red.10.2024.art.5	Weik Press SRL	Bucuresti	2024	
682	Luminosu, C., Baias, C., and Draghici, A.	Trend Maker AI: An Overview on Bias and Other Risks to Our Information Consumption Habits	MakeLearn2024: Artificial Intelligence for Human Technologies - Economy Sustainable Development, Proceedings of the MakeLearn, TIIM & PICConf International Conference 23–25 May 2024, Lublin, Poland Pages: 417-427	https://www.doi.org/10.53615/978-961-6914-31-4	ToKnowPress	Lublin	2024	ISSN 2820-6797
683	Draghici, A., Luminosu, C., Repanovici, A., Koukourakis, M., Dermal, V., and Taucean, I.	Supporting the Ethical Use of Artificial Intelligence Applications in Universities: A Research Based on Students' Opinions	MakeLearn2024: Artificial Intelligence for Human Technologies - Economy Sustainable Development, Proceedings of the MakeLearn, TIIM & PICConf International Conference 23–25 May 2024, Lublin, Poland Pages: 483	https://www.doi.org/10.53615/978-961-6914-31-4	ToKnowPress	Lublin	2024	ISSN 2820-6797

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684	Boatca, M., Draghici, A., Luminosu, C., and Baera, C.	Upskilling Remote Educators and Workers: Considerations on an European Certification Scheme	MakeLearn2024: Artificial Intelligence for Human Technologies - Economy Sustainable Development, Proceedings of the MakeLearn, TIIM & PICConf International Conference 23–25 May 2024, Lublin, Poland Pages: 549	https://www.doi.org/10.53615/978-961-6914-31-4	ToKnowPress	Lublin	2024	ISSN 2820-6797
685	Potra, S., Pugna, A., Iloie, L., Olenici, C.	Developing CO2 Detection Sensor Competitive Design Based on the Voice of the Household Consumer	The 17th International Conference Interdisciplinarity in Engineering	10.1007/978-3-031-54671-6_3	Springer, Cham		2024	978-3-031-54671-6
686	Cernescu (Iloie), L. M., Diaconescu, A., Dungan, L. I.	Designing Generation Z future career in challenging times through digital marketing education in Romania-Serbian cross-border vision	Proceedings of the Romanian International Conference for Education and Research (ediția a 13-a)	10.63467/all13.proceedings	Weik Press	București	2024	978-973-0-40438-8
687	CERNESCU (ILOIE), L. M., BOLDIZSÁR, I. V., BOLDIZSÁR, F. A., CIOBANU, M., LATO, A. CRISTA, F.	AN OVERVIEW OF FACTORS INFLUENCING COR2R EMISSIONS IN EU COUNTRIES	Research Journal of Agricultural Science				2024	ISSN: 2668-926X
688	Diaconescu A., Wolff (Tion) M.	PISA Scores and Their Influence On Student Pathways To Higher Education. A Study Case On Central and Eastern European Countries	Twentieth conference on Interdisciplinary Management Research – Osijek, IMR XX 2024	https://dx.doi.org/10.2139/ssrn.4983552		Osijek, Croatia	2024	1847-2206
689	Larisa Ivascu	Optimized Composition of Business Process Web Services via QoS-Based Categorization Using Decision Tree Classifier and Knowledge-Based Decision Support	Journal of Business and Operations Research	https://doi.org/10.54216/AJBOR.120201	Wright Ave	USA	2024	2770-0216
690	Ahsanullah Mohsen, Saima Ghafari, Rafia Sayedi, Larisa Ivascu	Keys to Happiness: Exploring the Determinants of Job Satisfaction in Private Schools of Afghanistan	Journal of Business and Economic Analysis	https://doi.org/10.1142/S2737566824500087	World Scientific Publishing Co Pte Ltd		2024	2618-0324
691	Karaeva A., Ivascu L., Tolkou A.K., Torretta V., Rada E.C.	The role of public in the implementation of national energy policy objectives	13th International Conference on Sustainable Development and Planning (WESSEX 2024)	https://doi.org/10.2495/SDP240801			2024	
692	Ciprian Sorin VLAD, Iulia Ioana MIRCEA, Larisa IVASCU, Eugen ROȘCA	Approaching road infrastructure vulnerability from a mobility management perspective. A 5 year analysis of accident dynamics in Brasov county	Academy of Romanian Scientists - Series on Engineering Sciences		AOSR	Bucuresti	2024	2066-8570
693	Alexandra COROIAN, Larisa IVASCU, Timea CISMA, Mihai ARDELEAN, Neta-Ionelia SAPTEBANI	The application of solar energy in Romania's automotive field	Annals of the Academy of Romanian Scientists - Series on Engineering Sciences	10.56082/ANNALSAR SCIENG.2024.2.41	AOSR	Bucuresti	2024	2066-8570
694	Timea Cisma, Andrei Agache, Larisa Ivascu	Exploring Circular Economy Practices in Technical University: A Student Perspective	5th International Conference on Quality Innovation and Sustainability (ICQIS 2024)				2024	
695	Ciprian Sorin VLAD, Iulia Ioana MIRCEA, Larisa IVASCU, Eugen ROȘCA	Connected factory: digital solutions for smart production. case study - Braiconf 4.0	8th International Symposium „Technical Textiles – Present and Future			Iasi	2024	978-83-67405-35-5
696	Marius Pop-Calimanu	A study of the effects of welding parameters on macrostructure properties and heat distribution in FSW of aluminium metal matrix composite	10th International Conference on Advanced Materials and Structures – AMS 2024	https://doi.org/10.1088/1757-899X/1319/1/012005	IOP Publishing Ltd	Bristol, England	2024	1757-8981
697	Muntean, R; Pascal, DT; Rost, U; Marginean, G; Brodmann, M; Vaszilcsin, N	Synthesis and characterisation of platinum-cobalt-manganese ternary alloy catalysts supported on carbon nanofibers: An alternative catalyst for hydrogen evolution reaction	10th International Conference on Hydrogen Production (ICH2P) / 38th Modern Science and Energy Conference (SME)	DOI10.1016/j.ijhydene.2020.02.041	Elsevier	Oxford	2020	0360-3199
698	Ambrus, S; Soporan, RA; Kazamer, N; Pascal, DT; Muntean, R; Dume, AI; Marginean, GM; Serban, VA	Characterization and mechanical properties of fused deposited PLA material	8th International Conference on Advanced Materials and Structures (AMS)	DOI10.1016/j.matpr.2021.02.760	Elsevier	Amsterdam	2021	2214-7853
699	Robert-Cătălin Sirbu, Alexandru-Viorel Coșa, Radu Negru, Lucian Rusu, Dan-Andrei Șerban	Experimental investigations regarding the anisotropic properties of pre-impregnated woven carbon fibre-reinforced epoxy resin	10th International Conference on Advanced Materials and Structures – AMS 2024	DOI 10.1088/1757-899X/1319/1/012031	IOP Publishing Ltd	Bristol, England	2024	1757-899X

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700	Marian Vasile Baban, Alexandru Viorel Coșa, Emanoil Linul	Effect of different parameters on mode I fracture toughness of resin samples manufactured by DLP	10th International Conference on Advanced Materials and Structures – AMS 2024	DOI 10.1088/1757-899X/1319/1/012018	IOP Publishing Ltd	Bristol, England	2024	1757-899X
701	Alexandru-Viorel Coșa, Marian-Vasile Baban, Dan-Andrei Șerban	Influence of curing time and temperature on the mechanical properties of resins manufactured through stereolithography	10th International Conference on Advanced Materials and Structures – AMS 2024	DOI 10.1088/1757-899X/1319/1/012020	IOP Publishing Ltd	Bristol, England	2024	1757-899X
702	R Băncilă , E Petzek , A Feier and D Radu	Current tendencies in welding of steel bridges; choice of material and use of thick plates	International Conference CIBv2019 Civil Engineering and Building Services - IOP Conf. Series: Materials Science and Engineering 789 (2020) 012002	DOI 10.1088/1757-899X/789/1/012002	IOP Publishing		2020	
703	Felicia Veronica Banciu, Anamaria Ioana FEIER	Aspects regarding skills and education related to Industry 4.0	MATEC Web of Conferences	https://doi.org/10.1051/mateconf/202134311014	IOP Publishing		2021	
704	Ioan Both, Anamaria Feier , Mihai Brîndușoiu , Mirela Achim	Strain Monitoring of an Aluminium Joint with an Optical System	WMCAUS 2021 - IOP Conf. Series: Materials Science and Engineering 1203	doi:10.1088/1757-899X/1203/2/022018	IOP Publishing		2021	
705	Banciu F.V., Pamintas E., Feier A. I.	THE APPLICATION OF NEW INDUSTRIAL MAINTENANCE CONCEPTS - AN EASY WAY TO SAVING MONEY	International Scientific Conference MMA held in Novi Sad, Serbia, 23.-25. September, 2021	http://doi.org/10.24867/JPE-2022-01-048	Journal of Production Engineering	Novi Sad, Serbia	2021	ISSN 1821-4932
706	A I Feier and F V Banciu	Research on the solid-state joining of AlMg3	The 25th Edition of IManEE 2021 International Conference (IManEE 2021)	doi:10.1088/1757-899X/1235/1/012013	IOP Publishing		2021	
707	Poiană Dinu, Ionel Ioana, Drăghici George	Research concerning the influences related to the perforated hole diameters in long pipes	IOP Conf. Ser.: Mater. Sci. Eng. 235, The 25th Edition of IManEE 2021 International Conference (IManEE 2021), Iasi	DOI 10.1088/1757-899X/1235/1/012070	PURPOSE-LED-PUBLISHING		2022	
708	Alin TĂPÎRDEA, Adrian FIRU, Oana CHIVU, Anamaria FEIER, Claudiu BABIS, George DRAGHICI	PRODUCTION DEVELOPMENT STRATEGIES THROUGH INDUSTRY 4.0	Fiabilitate si Durabilitate - Fiability & Durability		Editura "Academica Brâncuși"	Târgu Jiu	2020	1844 – 640X
709	Adrian FIRU, Alin TĂPÎRDEA, Oana CHIVU, Anamaria FEIER, Claudiu BABIS, George DRAGHICI	THE EVOLUTION OF MODERN INDUSTRY IN THE USA, HOLLAND AND CHINA	Fiabilitate si Durabilitate - Fiability & Durability		Editura "Academica Brâncuși"	Târgu Jiu	2020	1845 – 640X
710	Tăpîrdea, A.I., Firu, A.C., Hernea (Romînu), S., Drăghici, G., Chivu, O.R	Smart Factory in the automotive field in Industry 4.0	Sudura		Asociația de Sudura din România		2022	1453-0384
711	Poiană Dinu, Ionel Ioana, Drăghici George	Research on the influence of the clamping devices on the size of the perforated holes in long round pipes	IOP Conference Series: Earth and Environmental Science, 960, Conference on Energy, Environment, Economy and Thermodynamics (COFRET 2021), 14th-16th October 2021, Bucharest, Romania	doi:10.1088/1755-1315/960/1/012023	PURPOSE-LED-PUBLISHING		2022	
712	Ambruș S., Muntean R., Kazamer N., Codrean C.	Post-processing technologies of copper-polylactic acid composites obtained by 3D printing fused deposition modeling	Material Design and Processing Communications	https://doi.org/10.1002/mdp2.251	Wiley	New Jersey	2021	2577-6576
713	Codrean C., Buzdugan D., Opreș C., Muntean R., Ambruș S.	Corrosion behavior of bulk amorphous steels with low carbon content	12th International Conference on Materials Science & Engineering - Bramat 2022	https://doi.org/10.1016/j.matpr.2022.10.038	Elsevier	Amsterdam	2023	2214-7853
714	Ambruș S., Muntean R., Codrean C., Uțu I. D.	Influence of printing conditions on the mechanical properties of copper-polylactic acid composites obtained by 3D printing fused deposition modelling	12th International Conference on Materials Science & Engineering - Bramat 2022	https://doi.org/10.1016/j.matpr.2022.10.061	Elsevier	Amsterdam	2023	2214-7853
715	Buzdugan D., Codrean C., Ambruș S., Șerban V. A.	Self-fluxing amorphous Nickel-based alloys obtained by different techniques. Performance and technological difficulties	Journal of Engineering Sciences and Innovation	http://doi.org/10.56958/jesi.2023.8.3.277	AGIR Publishing House	Bucharest	2023	2601 -6699
716	J. Essler, D. Woelk, D.Utu, G. Marginean	Influence of the powder feed rate on the properties of HVOF sprayed WC-based cermet coatings	9th International Conference on Advanced Materials and Structures – AMS 2022	https://doi.org/10.1016/j.matpr.2022.11.120	Elsevier	Amsterdam	2023	2214-7853

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717	S.-A. Oana, O.Karancsi, I. Mitelea, I.D.Utu, C. M. Crăciunescu	The role of filler material selection in the laser welding process of deformable 6xxx series aluminum alloys	9th International Conference on Advanced Materials and Structures – AMS 2022	https://doi.org/10.1016/j.matpr.2022.11.434	Elsevier	Amsterdam	2023	2214-7853
718	L.C. Burcă, O. Karancsi, I. Mitelea, I.D. Utu, M. Burcă	Structural transformations in resistance spot-welded joints from Nimonic 80A superalloys	9th International Conference on Advanced Materials and Structures – AMS 2022	https://doi.org/10.1016/j.matpr.2022.11.432	Elsevier	Amsterdam	2023	2214-7853
719	F. R. Toma, M. I. Birdeanu, I. D. Utu, L. Porojan	Surface characteristics assessment among layers of different translucent multilayered dental zirconia related to aging	9th International Conference on Advanced Materials and Structures – AMS 2022	https://doi.org/10.1016/j.matpr.2022.11.121	Elsevier	Amsterdam	2023	2214-7853
720	I. Mitelea, I. Bordeasu, D. Cosma, I. D. Utu, D. Buzdugan, C.M. Crăciunescu	Enhanced cavitation erosion resistance of GX40CrNiSi25-20 cast stainless steels by surface TIG re-melting	9th International Conference on Advanced Materials and Structures – AMS 2022	https://doi.org/10.1016/j.wear.2023.205058	Elsevier	Amsterdam	2023	2214-7853
721	C Bulei, B Stojanovic, D. Uțu	Developments of discontinuously reinforced aluminium matrix composites: Solving the needs for the matrix	International Conference on Applied Sciences (ICAS 2021)	https://iopscience.iop.org/article/10.1088/1742-6596/2212/1/012029	IOP Publishing LTD	Bristol, England	2021	1742-6596
722	I.M. Anghel (Petculescu), I.D.Uțu, D. Uțu, A.T.Constantin	Microstructure and surface properties of Co-based brazed alloys coatings	10th International Conference on Advanced Materials and Structures – AMS 2024	https://iopscience.iop.org/article/10.1088/1757-899X/1319/1/012010	IOP Publishing LTD	Bristol, England	2024	1757-8981
723	Gubencu, D.-V., Opriș, C., Han, A., Lazăr, C.O., Perianu, A.	Experimental Study of Kerf Surface Finish of Abrasive Water-Jet Cutting of Kevlar Fiber-Reinforced Polymers	Key Engineering Materials	https://doi.org/10.4028/p-f7hQ5K	Trans Tech Publications		2023	1013-9826
724	Ghergan, O.C., Drăghicescu, D., Iosim, I., Necșa, P.A.	The Role of Computer Vision in Sustainable Agriculture	Lucrări Științifice Management Agricol, Seria I, Vol. XXIII (2)	https://www.lisma.ro/index.php/lisma/article/view/1973	AGROPRINT	Timișoara	2021	1453-1410
725	Drăghicescu, D., Ghergan, O.C., Iosim, I.	The Need to Develop a Walnut-Breaking Device for Small Walnut Farms	Lucrări Științifice Management Agricol, Seria I, Vol. XXIII (2)	https://www.lisma.ro/index.php/lisma/article/view/1979	AGROPRINT	Timișoara	2021	1453-1410
726	BUT ADRIAN, Gal L.	CAM optimisation in moulds retrofitting	IOP Conference Series, Materials Science and Engineering.	DOI 10.1088/1757-899X/1235/1/012042			2021	1757-899X
727	Mamea o., Ganea M., BUT ADRIAN	Identification of prismatic bodyparts through the cloud of points captured on Computer Measuring Machine,	IOP Conference Series Materials Science and Engineering	DOI 10.1088/1757-899X/1256/1/012002			2022	1757-899X
728	BUT ADRIAN, Popescu C. I. Duma	Welding Corrective Maintenance Solutions for Molds		doi:10.4028/p-XuwHj4	Key Engineering Materials Vol. 990		2024	p-ISSN 1013-9826 e-ISSN 1662-9795
729	Popescu C., BUT ADRIAN, I.Duma	Repair of Injection Moulds by Welding for Pre-Hardened 1.2714 Hh Steel	Key Engineering Materials Vol. 990	doi: 10.4028/p-4bK7B8			2024	p-ISSN 1013-9826 e-ISSN 1662-9795
730	Buta. I., Paval C., Feier A., Aldea C., Banciu F.V.	Aplicații ale procedeei de fabricație aditivă prin depunere cu arc electric (WAAM)	Sudura, Vol 32, Issue 4, p30		Sudura		2022	ISSN: 1453-0384
731	Mircea Nicolaescu, Codrean Cosmin, Emília Binchiciu, Bogdan Radu	Production of Bulk Metallic Glasses by Ultrasonic Welding of Nickel Based Amorphous Ribbons	Advanced Materials Research, Volumul 1157	https://doi.org/10.4028/www.scientific.net/AMR.1157.123	Trans Tech Publications Ltd.	Baech	2020	1662-8985
732	Mircea Nicolaescu, Codrean Cosmin, Gabriela Victoria Mnerie, Mina Popescu	Research on Welding with Electron Beam of Multiple Overlapping Nickel Based Amorphous Ribbons	Advanced Materials Research, Volumul 1157	https://doi.org/10.4028/www.scientific.net/AMR.1157.136	Trans Tech Publications Ltd.	Baech	2020	1662-8985
733	Carmen Opriș, Cosmin Codrean*, Dragoș Buzdugan and Petru Hididiș	Pressure Die Casting of Cu-Zr BMGs for Non-Implantable Medical Devices	Biomedical Journal of Scientific & Technical Research, Volume 37, 3, pp 29359-29363	10.26717/BJSTR.2021.37.005991			2021	2017 - 2024
734	Hididiș P, Nicolaescu M, Codrean Cosmin, Buzdugan D, Simiti IV, Serban VA	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, Volume 32,	https://doi.org/10.35219/awet.2021.09	Galati University Press	Galati	2021	1221-4639

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735	Codrean Cosmin, Dragoș Buzdugan, Bogdan Radu, Georgiana Melcioiu	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	https://doi.org/10.4028/p-jp0ijg	Trans Tech Publications Ltd	Baech	2022	1662-9507
736	Emilia Florina Binchiciu, Codrean Cosmin, Lia Nicoleta Boțilă, Mircea Nicolaescu, Răzvan Ionuț Iacobici	Fracture Characteristics of AZ31B and Cu 99 Tensile Test Specimens Joined by FSW and FSW-IG Processes	Defect and Diffusion Forum, 416	https://doi.org/10.4028/p-4p60q4	Trans Tech Publications Ltd	Baech	2022	1662-9507
737	Nicolaescu Mircea, Hididis Petru, Codrean Cosmin, Hulka Iosif, Vajda, Melinda, Orha Corina, Bandas Cornelia, Lazau Carmen, Aurel Serban	Synthesis of nanoporous copper by dealloying CuZrAl and CuZrAlAg amorphous ribbons in acidic solution	Materials Today: Proceedings, Volume 72	https://doi.org/10.1016/j.matpr.2022.10.050	Elsevier		2023	2214-7853
738	Dragos Draganescu, Codrean Cosmin, Dragoș Buzdugan, Traian Bena, Ion Mitelea, Ion-Aurel Perianu	Capacitor Energy Storage Welding of Ni63Cr12Fe4Si8B13 Amorphous Ribbons	Materials Science Forum, Volume 1095	https://doi.org/10.4028/p-W0g8Am	Trans Tech Publications Ltd	Baech	2023	1662-9752
739	Nicolaescu Mircea, Codrean Cosmin, Orha Corina, Bandas Cornelia	Synthesis and Characterization of Three-Dimensional Nanoporous Copper Oxide Materials via Dealloying and Thermal Oxidation of Amorphous Ribbons	Engineering Proceedings, Volume 48, Issue 1	https://doi.org/10.3390/CSAC2023-15171	MDPI	Basel	2023	2673-4591
740	Bogdan Radu, Carmen Opreș, Cosmin Codrean, Iasmina Madalina Anghel, Iuliana Duma	Microstructural Aspects on Brazing Stainless Steels for High Temperature Applications	Solid State Phenomena (Volume 365)	10.4028/p-vmq9Bd	Trans Tech Publications	Baech	2024	1662-9779
741	Sebastian Ambruș, Roxana Muntean, Dragoș Buzdugan, Cosmin Codrean	Nanoporous Cu-based amorphous alloys prepared by selective dissolution in acidic media	IOP Conference Series: Materials Science and Engineering, Volumul 1319	DOI 10.1088/1757-899X/1319/1/012032	IOP Publishing	Bristol	2024	1757-8981
742	LN Boțilă, IA Perianu, B Radu, C Codrean, M Nicolaescu, EF Binchiciu	Failure Analysis of Cu-DHP Joining Processes: A Comparative Study of FSW and SFSW Techniques	IOP Conference Series: Materials Science and Engineering, Volumul 1319	doi:10.1088/1757-899X/1319/1/012008	IOP Publishing	Bristol	2024	1757-8981
743	Viorel Ungureanu, Ioan Both, Mircea Burca, Bogdan Radu, Calin Neagu, Dan Dubina	Experimental and numerical investigations on built-up cold-formed steel beams using resistance spot welding	Thi-Walled Structures	https://doi.org/10.1016/j.tws.2021.107456	Elsevier	Amsterdam	2021	0263-8231
744	Velciov, Ariana-Bianca; Anghel, Iasmina Madalina; Rada, Maria; Marazan, Vlad; Cozma, Antoanela	VALORIFICATION OF THE NETTLE PLANTS FROM SPONTANEOUS FLORA AS NETTLE POWDER - MINERALIZING POTENTIAL IN ANIMAL FEED	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023, Page223-231, Proceedings Paper, Meeting49th Symposium on Actual Tasks on Agricultural Engineering, (ATAE)	https://atae.agr.hr/proceedings.htm		Opatija, CROATIA	2023	1848-4425
745	Cozma, Antoanela; Velciov, Ariana; Anghel, Iasmina Madalina; Cozma, Bogdan; Marazan, Vlad	DEVELOPMENT OF CHICKEN EGG SHELLS POWDER AS AGRICULTURAL FERTILIZER AND SOIL CONDITIONER	ACTUAL TASKS ON AGRICULTURAL ENGINEERING, ATAE 2023, Page223-231, Proceedings Paper, Meeting49th Symposium on Actual Tasks on Agricultural Engineering, (ATAE)	https://atae.agr.hr/proceedings.htm		Opatija, CROATIA	2023	1848-4425
746	Rada, Maria ; Alda, Simion ; Velciov, Ariana ; Scedei, Daniela ;Anghel, Iasmina Madalina ; Dobrei, Alina ; Nistor, Eleonara ; Danci, Marcel	EVALUATION OF SOME ESSENTIAL ELEMENTS IN WALNUT KERNEL	SCIENTIFIC PAPERS-SERIES B-HORTICULTURE, Volume 68 Issue 1 Page 129-139	https://horticulturejournal.usamv.ro/pdf/2024/issue_1/Art16.pdf		București	2024	2285-5653
747	Cioroaga, BD ; Cioata, VG ; Socalici, AV ; Linul, E ; Hulka, I ; Anghel, IM	Optimization of Submerged Arc Welding through Voltage Variation to Achieve Superior Mechanical Properties Using P355N Base Material	JOURNAL OF ENGINEERING SCIENCES-UKRAINE Volume 11 Issue 2 Page C42-C56	DOI10.21272/jes.2024.11(2).c4			2024	2312-2498, 2414-9381
748	I Bordeasu, A Cernescu, C Ghera, C Opris, L.D Pirvulescu	Cavitation erosion influence on fatigue life of a high strength structural steel	Journal of Physics: Conference Series 2927 (2024) 012008	10.1088/1742-6596/2927/1/012008	IOP Publishing		2024	1742-6596
749	Vălean C., Stoia I.D, Opreș C, Linul E.	Effect of Fillers on Mechanical Properties of FDM printed PLA Components	Procedia Structural Integrity, 56(11):97-104	10.1016/j.prostr.2024.02.043	Elsevier		2024	2452-3216

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750	Safta Voicu-Ioan, Mnerie Dumitru, Mnerie Gabriela-Victoria	Some Peculiarities of MIG-MAG Welding Processes with Concentrated Energies	Key Engineering Materials (Volume 890), Pages: 3-8	DOI: https://doi.org/10.4028/www.scientific.net/KE M.890.3			2021	
751	Nagy Vasile, Mnerie Gabriela-Victoria, Safta Voicu-Ioan, 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 (Volume 416), Pages: 145-150	DOI: https://doi.org/10.4028/p-239924			2022	
752	Safta Voicu-Ioan, Mnerie Gabriela-Victoria, Nagy Vasile, Mnerie Dumitru	Some Helpful Features of the Tig Welding Process Using High Frequency Pulsed Arc	Defect and Diffusion Forum (Volume 416), Pages: 79-86	DOI: https://doi.org/10.4028/p-9rvfjw			2022	
753	Safta Voicu-Ioan, Mnerie Gabriela-Victoria, Mnerie Dumitru	Some Contributions to the Optimization of MIG Spot Welding of Aluminum Alloys	Materials Science Forum (Volume 1095), Pages: 111-118	DOI: https://doi.org/10.4028/p-71eHuX			2023	
754	Boboescu Remus, Safta Voicu-Ioan, Mnerie Dumitru, Mnerie Gabriela-Victoria	Study on some Correlations between Hardness with Process Parameters Applying on Welded Joints Made through TIG Welding Process Using High Frequency Pulsed Arc	Key Engineering Materials (Volume 991), Pages: 83-88	DOI: https://doi.org/10.4028/p-Q9aLdP			2024	
755	Ilare BORDEAȘU, Voicu-Ioan SAFTA	The Research of the Cavitation Erosion Resistance of the Aluminium Alloy 2017 a Structure Obtained by WIG Remelted	The 15th International Conference "Innovative Technologies for Joining Advanced Materials				2024	
756	Nistor A.M., Becheru A., Foltut D., Buzdugan R.M., Buzdugan D., Radu B.	Mechanical Properties of Duplex Treated Steels Obtained by Instrumented Indentation	Advanced Materials Research (Volume 1157)	https://doi.org/10.4028/www.scientific.net/AM R.1157.130	Trans Tech Publications Ltd.	Baech	2020	1662-8985
757	Drăgănescu-Anghel D.; Codrean C.; Buzdugan D.; Mitelea I.; Burecă M.	OPPORTUNITY WELDING ENERGY IN CAPACITORS OF AMORPHOUS ALLOY FOILS, Ni63Cr12Fe4Si8B13	METAL 2021 - 30th Anniversary International Conference on Metallurgy and Materials, Conference Proceedings	10.37904/metal.2021.4227	Tanger	Brno	2021	978-80-87294-99-4
758	Duma S.T., Duma D.M., Duma I., Buzdugan D.	The Influence of Heat Treatment Applied to 100Cr6 Steel on Microstructure and Hardness	Key Engineering Materials (Volume 952)	https://doi.org/10.4028/p-sxY8mn	Trans Tech Publications Ltd.	Baech	2023	9783036400419
759	Gubencu, D.V., Lazăr, C.O.	Experimental modeling of abrasive water-jet cutting processes of Kevlar fiber-reinforced polymer composites	Journal of Physics: Conference Series, Volume 2540, International Conference on Applied Sciences (ICAS 2022) 24/05/2022 - 28/05/2022 Banja Luka, Bosnia and Herzegovina	https://iopscience.iop.org/article/10.1088/1742-6596/2540/1/012044	IOP Publishing	Bristol, England	2023	1742-6596
760	Micu, L.M., Bordeasu, I., Dionisie, I., Ghiban, B., Gubencu, D.	Influence of aging heat treatment at 180 °C on cavitation erosion for aluminum alloy type 5083 in cold rolled state	Journal of Physics: Conference Series, Volume 2540, International Conference on Applied Sciences (ICAS 2022) 24/05/2022 - 28/05/2022 Banja Luka, Bosnia and Herzegovina	https://iopscience.iop.org/article/10.1088/1742-6596/2540/1/012036	IOP Publishing	Bristol, England	2023	1742-6596
761	Cornelia Laura Salcianu, Ilare Bordeasu, Mihai Hluscu, Liviu Daniel Pirvulescu, Daniel Ostoia, Octavian Victor Oanca	Assessment of the cavitation resistance of stainless steel GX5CrNi18-10, subjected to thermal sensitization based on average durability	Advanced Materials Research	https://doi.org/10.4028/www.scientific.net/AM R.1157.52	Trans Tech Publications Ltd	Timisoara	2020	ISSN: 1662-8985
762	Cornelia Laura Salcianu, Ilare Bordeasu, N.A. Sirbu, Rodica Bădărău, Gabriel Mălaimare, Mihai Hluscu, Daniel Ostoia, Octavian Victor Oanca	Evaluation of the cavitation resistance of ICONEL 718, in delivered and respectively heat treated condition	Advanced Materials Research	https://doi.org/10.4028/www.scientific.net/AM R.1157.47	Trans Tech Publications Ltd	Timisoara	2020	ISSN: 1662-8985
763	Demjen T., Lovasz E.-C., Gruescu C.M.	About Research and Development of 3D Printing in Different Industrial Applications	Robotica & Management, Vol. 25(1), 15-17	https://rm.reviste.ubbcluj.ro/	Editura Eftimie Murgu	Resita	2020	1453-2069
764	Sticlaru C., Țucă P., Lovasz E.-C., Gruescu C., Moldovan C.E.	Novel Solution for the Mechanism Used in the Actuation of Intelligent Roof Windows	5th Conference on Mecanisms, Transmissions and Application McTrApp 2019, Series: Mechanisms and Machine Science, 79, 182-191	10.1007/978-981-15-0142-5_19	Springer International Publishing	Cham, Switzerland	2020	2211-0984

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765	Teusdea D.F., N.A.Sîrbu, Vodă M., Oancă O.V., Lovasz E.-C.	Researches on Manufacturing Deo Roll Balls by Infrared Radiation Welding	ModTech International Conference, Advanced Materials Research 1157, (2020), 21-30	https://doi.org/10.4028/www.scientific.net/AMR.1157.21	Trans Tech Publications Ltd	Wollerau, Switzerland	2020	1662-8985
766	Teusdea D.F., Oancă O.V., Vodă M., N.A.Sîrbu, Lovasz E.-C.	Researches on Manufacturing Deo Roll Balls by Ultrasonic Radiation Welding	ModTech International Conference, Advanced Materials Research 1157, (2020), 58-72	https://doi.org/10.4028/www.scientific.net/AMR.1157.21	Trans Tech Publications Ltd	Wollerau, Switzerland	2020	1662-8985
767	Grigorescu, S.M., Lupuți, A.-M.-F., Maniu, I., Lovasz, E.-C.	Novel planar parallel manipulator using geared slider-crank with linear actuation as connection kinematic chain,D14	8-th European Conference on Mechanism Science EUCOMES 2020, Series: Mechanisms and Machine Science, 89, (2020), 496- 505	10.1007/978-3-030-55061-5_56	Springer International Publishing	Cham, Switzerland	2020	2211-0984
768	Teusdea D.F., Lovasz E.-C., Vodă M., Sîrbu N.-A. Maniu I., Bizet,J.P.	Study on High Productivity Manufacturing Line for Deo Roll Balls	The Joint International Conference of the XIII International Conference on Mechanisms and Mechanical Transmissions (MTM) and the XXIV International Conference on Robotics MTM&Robotics 2020, Series: Mechanisms and Machine Science, 88, (2021), 201-211	10.1007/978-3-030-60076-1_18	Springer International Publishing	Cham, Switzerland	2020	2211-0984
769	Iosif Lazar, Ilare Bordeasu, Ion Mitelea, Liviu Daniel Pirvulescu, Cornelia Laura Salcianu, Mircea Octavian Popovicu	The behavior to cavitation erosion of CuSn12-C bronze structures, as obtained by in-depth heat treatments	Journal of Physics: Conference Series	0.1088/1742-6596/1781/1/012005	IOP Publishing	Hunedoara	2021	ISSN: 1742-6596
770	. Lupuți A.-M.-F., Grigorescu S.M., Lovasz E.-C., Sticlaru C., Cărăbaș I.	Kinematics of the Planar Parallel Manipulator Using Geared Slider-Crank with Linear Actuation as Legs 3-R(PRRGR)RR	The Joint International Conference of the XIII International Conference on Mechanisms and Mechanical Transmissions (MTM) and the XXIV International Conference on Robotics MTM&Robotics 2020, Series: Mechanisms and Machine Science, 88, (2021), 249-261	10.1007/978-3-030-60076-1_22	Springer International Publishing	Cham, Switzerland	2021	2211-0984
771	Gruescu C.-M., Davidescu A., Sticlaru C., Lovasz E.-C.	Interference Fits. Bearing Capacity Under Complex Loading – FEM Analysis,	The Joint International Conference of the XIII International Conference on Mechanisms and Mechanical Transmissions (MTM) and the XXIV International Conference on Robotics MTM&Robotics 2020, Series: Mechanisms and Machine Science, 88, (2021), 403-414	10.1007/978-3-030-60076-1_37	Springer International Publishing	Cham, Switzerland	2021	2211-0984
772	Lupuți A.-M.-F., Lovasz E.-C., Ceccarelli M., Carmen S., Stoian A.-M.	Kinematic Simulation of a Geared Planar Parallel Manipulator	5th IFToMM Symposium on Mechanism Design for Robotics MEDER 2021, Series: Mechanisms and Machine Science, 103, (2021), 102-110,	10.1007/978-3-030-75271-2_11	Springer International Publishing	Cham, Switzerland	2021	2211-0984
773	Tulcan E., Lovasz E.-C.	Research on Robots Used in Surgical Applications	Robotica & Management, Vol. 27(1), (2022), 37-40	https://rm.reviste.ubbcluj.ro/	Editura Eftimie Murgu	Resita	2021	1453-2069
774	Micle L.-M., Lovasz E.-C.	Development of a Prosthetic Hand with Adaptive Grip	Robotica & Management, Vol. 27(1), (2022), 14-18	https://rm.reviste.ubbcluj.ro/	Editura Eftimie Murgu	Resita	2021	1453-2069
775	Silaghi-Perju, D.-C., Lovasz E.-C., Perju D., Gruescu C.-M., Mărgineanu D.T.:	Total Size Minimization of Cam Mechanisms with Translating Follower	Journal of Engineering Science and Inovation JESI, 7(2), (2022), 159-174	http://doi.org/10.56958/jesi.2022.7.2.159			2022	

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776	Cristan Ghera, Iosif Lazăr, Daniela Alexa, Ilare Bordeasu, Nicușor Alin Sirbu, Daniel Ostoia, Mihai Hluscu, Cornelia Laura Salcianu, Daniel Catalin Stroita, Dumitru Viorel Bazavan, Marcela Sava, Lavinia Madalina Micu	New Results Regarding the Cavitation Destruction Behavior of Heat-Treated CuZn39Pb3 Brass with Different Parameters	Advanced Materials Research	10.4028/p-4602v06	Trans Tech Publications Ltd	Timișoara	2022	1662-8985
777	Lovasz E.-C.	Mechanism Applications in Robotics	11th International Conference on Machine and Industrial Design in Mechanical Engineering, KOD 2021Novi Sad, Series: Mechanisms and Machine Science, 109, (2022), 51-68	10.1007/978-3-030-88465-9_3	Springer International Publishing	Cham, Switzerland	2022	2211-0984
778	Alexeev L., Dobra A., Lovasz E.-C.	Walking Robot with Modified Jansen Linkage	11th International Conference on Machine and Industrial Design in Mechanical Engineering, KOD 2021Novi Sad, Series: Mechanisms and Machine Science, 109, (2022), 577-584	10.1007/978-3-030-88465-9_58	Springer International Publishing	Cham, Switzerland	2022	2211-0984
779	Alexandru Nicolae Luca, Ilare Bordeasu, Lavinia Madalina Micu, Cristan Ghera, Rodica Bădărău, Cornelia Laura Salcianu, Daniel Ostoia, Mihai Hluscu, Nicușor Alin Sirbu	Evaluating the Cavitation Erosion of 7075-T651 Aluminum Alloy Heat Treated by Artificial Aging at 140° C for 12 Hours	Solid State Phenomena	10.4028/p-8DicAk	Trans Tech Publications Ltd	Timișoara	2023	1662-9779
780	Cornelia Laura Salcianu, Ilare Bordeasu, Brandusa Ghiban, Nicușor Alin Sirbu, Cristan Ghera, Alexandru Nicolae Luca, Ovidiu Odagiu, Rodica Bădărău	Research on the Influence of the Heat Treatment Temperature on the Cavitation Behavior of the Aluminum Alloy 2017 A	Solid State Phenomena	10.4028/p-T5/HOG	Trans Tech Publications Ltd	Timișoara	2023	1662-9779
781	Cristan Ghera, Ilare Bordeasu, Alexandru Nicolae Luca, Cornelia Laura Salcianu, Brandusa Ghiban, Ovidiu Odagiu, Nicușor Alin Sirbu, Rodica Bădărău	Increasing the Resistance to Cavitation Erosion of 6082 Aluminum Alloys Through Thermal Aging Treatments at 140 C and Holding Time of 12 Hours	Solid State Phenomena	10.4028/p-Qps3kf	Trans Tech Publications Ltd	Timișoara	2023	1662-9779
782	Santos C.A., Ciupe V.	Application of I Living Lab as an educational approach for real problem resolution: microalgae cultivation using robotics technology	17th International Technology, Education and Development Conference	https://doi.org/10.21125/inted.2023.1423	IATED Digital Library	Valencia	2023	978-84-09-49026-4/ 2340-1079
783	Florescu F., Popescu I.-E., Moldovan C.E., Lovasz E.-C	Type synthesis of the mechanisms with linear actuation useful for orientation modules	Proceedings of SYROM 2022 & ROBOTICS 2022: 13th IFToMM International Symposium on Science of Mechanisms and Machines & XXV International Conference on Robotics, 2022, Series: Mechanisms and Machine Science, 127, (2023), 29-36	10.1007/978-3-031-32439-0_27	Springer International Publishing	Cham, Switzerland	2023	2211-0984
784	Crăciun N.G., Lovasz E.-C., Mateaș M.C., Moldovan C.E	A State of Art Overview on Wrist Rehabilitation Exoskeletons	Proceedings of SYROM 2022 & ROBOTICS 2022: 13th IFToMM International Symposium on Science of Mechanisms and Machines & XXV International Conference on Robotics, 2022, Series: Mechanisms and Machine Science, 127, (2023), 209-218	10.1007/978-3-031-25655-4_22	Springer International Publishing	Cham, Switzerland	2023	2211-0984

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785	Sandu M.-O., Gruescu C.-M., Lovasz E.-C., Ciupe V	Synthesis of an Automation System for the PCR (Polymerase Chain Reaction) Samples Preparation Process	Proceedings of SYROM 2022 & ROBOTICS 2022: 13th IFToMM International Symposium on Science of Mechanisms and Machines & XXV International Conference on Robotics, 2022, Series: Mechanisms and Machine Science, 127, (2023), 389-396	10.1007/978-3-031-25655-4_39	Springer International Publishing	Cham, Switzerland	2023	2211-0984
786	Popescu I.-E., Florescu F., Sticlaru C., Mărgineanu D.-T., Lovasz E.-C.	A review on mechanisms used for the reconfigurable wheelchairs	Proceedings of SYROM 2022 & ROBOTICS 2022: 13th IFToMM International Symposium on Science of Mechanisms and Machines & XXV International Conference on Robotics, 2022, Series: Mechanisms and Machine Science, 127, (2023), 19-28	10.1007/978-3-031-25655-4_3	Springer International Publishing	Cham, Switzerland	2023	2211-0984
787	Florescu F., Zaharia R.S., Popescu I.-E., Oarcea A., Lovasz E.-C.	Development of Orientation Modules with Linear Actuation	2nd IFToMM Workshop for Sustainable Development Goals, I4SDG 2023, Series: Mechanisms and Machine Science, 134, (2023), 233 - 240	10.1007/978-3-031-32439-0_27	Springer International Publishing	Cham, Switzerland	2023	2211-0984
788	Tivadar D., Oarcea A., Sticlaru C., Ceccarelli M., Lovasz E.-C.	Analytical Synthesis of Five-Bar Linkage 5-RPRPR	2nd IFToMM Workshop for Sustainable Development Goals, I4SDG 2023, Series: Mechanisms and Machine Science, 134, (2023), 241-250	10.1007/978-3-031-32439-0_28	Springer International Publishing	Cham, Switzerland	2023	2211-0984
789	Tulcan E.-G., Oarcea A., Lovasz E.-C.	Analytical Synthesis of the Seven-Bar Linkage 7-RR(RRRR)RR Used for Medical Disinfection Robot	2nd IFToMM Workshop for Sustainable Development Goals, I4SDG 2023, Series: Mechanisms and Machine Science, 134, (2023), 171-180	10.1007/978-3-031-32439-0_20	Springer International Publishing	Cham, Switzerland	2023	2211-0984
790	Oarcea A., Tulcan E.-G., Lovasz E.-C.	Kinematic Analysis of the 3-U(RPRGR)RU Parallel Robot	6th IFToMM International Conference on Mechanisms, Transmissions, and Applications, McTrApp 2023, Series: Mechanisms and Machine Science, 124, (2023), 189-196	10.1007/978-3-031-29815-8_19	Springer International Publishing	Cham, Switzerland	2023	2211-0984
791	Micle L.-M., Lovasz E.-C.	Facial Reconstruction from an Archeological Starting Point	17th International Conference on Engineering of Modern Electric Systems, EMES 2023, 190633, (2023)	10.1109/EMES58375.2023.10171650	Institute of Electrical and Electronics Engineers Inc.	Oradea, Romania	2023	979-835031063-4
792	Tulcan E.-G., Sticlaru C., Oarcea A., Lovasz E.-C.	Medical Disinfection Robots: Past vs Future. Improving the Disinfection Process by Using Disinfection Robots with Folding Mechanism	17th International Conference on Engineering of Modern Electric Systems, EMES 2023, 190633, (2023)	10.1109/EMES58375.2023.10171677	Institute of Electrical and Electronics Engineers Inc.	Oradea, Romania	2023	979-835031063-4
793	Tivadar D., Oarcea A., Ceccarelli M., Lovasz E.-C., Buncianu, D., Silaghi-Perju, D.-C.	Analytical Synthesis of Five-Bar Linkage 5-PRRRP	16th International Federation of Theory of Machines and Mechanisms World Congress, IFToMM WC 2023, Series: Mechanisms and Machine Science, Springer International Publishing, 149, (2024), 321 - 331	10.1007/978-3-031-45709-8_32	Springer International Publishing	Cham, Switzerland	2024	2211-0984
794	Tivadar, D., Lovasz, E.-C., Ceccarelli, M., Russo, M., Tulcan, E.-G., Oarcea, A.	Design of a 3D Printer with Five-Bar Linkage	25th International Symposium on Measurement and Control in Robotics, ISMCR 2023, Series: Mechanisms and Machine Science, Springer International Publishing, 154, (2024), 51 - 59	10.1007/978-3-031-51085-4_5	Springer International Publishing	Cham, Switzerland	2024	2211-0984
795	Oarcea, A., Tulcan, E.-G., Lovasz, E.-C.	Kinematic Performance Analysis of the 3-U(RPRGR)RU Parallel Robot	25th International Symposium on Measurement and Control in Robotics, ISMCR 2023, Series: Mechanisms and Machine Science, Springer International Publishing, 154, (2024), 61 - 72	10.1007/978-3-031-51085-4_6	Springer International Publishing	Cham, Switzerland	2024	2211-0984

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796	Tulcan, E.-G., Sticlaru, C., Crăciun, N.-G., Pop, F., Lovasz, E.-C.	Medical Disinfection Robots. A Review on Disinfection Methods	Proceeding of the 12th International Conference of Machine and Industrial Design in Mechanical Engineering—KOD 2024, Machine and Industrial Design in Mechanical Engineering, Proceedings of KOD 2024, Series: Mechanisms and Machine Science, Springer International Publishing, 174, (2025), 853-860	10.1007/978-3-031-80512-7_83	Springer International Publishing	Cham, Switzerland	2024	2211-0984
797	Șerban, D.A.	Design and structural optimization of an assembled re-entrant auxetic structure	IOP Conference Series: Materials Science and Engineering, Volume 1319, Advanced Materials and Structures Conference 2024	10.1088/1757-899X/1319/1/012029	IOP Publishing	Bristol	2024	1757-899X
798	Murariu, M.A., Rusu, L., Belgiu, G., Șerban, D.A.	Behaviour of AZ91 magnesium alloy in tension and torsion: experimental investigations and numerical modelling	IOP Conference Series: Materials Science and Engineering, Volume 1319, Advanced Materials and Structures Conference 2024	10.1088/1757-899X/1319/1/012014	IOP Publishing	Bristol	2024	1757-899X
799	Galațanu, S. V., Serralha, F. N., Mărghitaș, M. P., Șoșdean, C., Popa, C. F., Emanoil, L., & Marșavina, L.	Mechanical behavior of recycled FDM printed parts from PETG in the circular economy	Procedia Structural Integrity (Structural Integrity and Reliability of Advanced Materials obtained through Additive Manufacturing (SIRAMM23))	https://doi.org/10.1016/j.prostr.2024.02.048	Elsevier	Timisoara	2024	2452-3216
800	Sosdean, C. and Voda, M.	Blended Learning Methods for Teaching "Descriptive Geometry and Technical Drawing"	Journal of Industrial Design and Engineering Graphics (9th International Conference on Engineering Graphics and Design)	http://sorging.ro/jideg/index.php/jideg/article/view/366	Sorging	Cluj-Napoca	2024	2344-4681
801	Sosdean, C. and Galatanu, S.V.	Tensile properties of Romanian "Turcana" sheep wool farm-waste fibers	IOP Conference Series: Materials Science and Engineering (10th International Conference on Advanced Materials and Structures)	doi:10.1088/1757-899X/1319/1/012034	IOP Publishing	Timisoara	2024	1757-899X
802	Adrian Eugen Cioabla, Gabriela-Alina Dumitreț, Ana Maria Pană, Valentin Ordodi, Dorin Lelea, Mădălina Ivanovici, Francisc Popescu, Luisa Izabel Dungan	MATHEMATICAL MODELS APPLIED FOR EXPERIMENTS ON BIOGAS PRODUCTION AT SMALL SCALE	X International Conference - Industrial Engineering and Environmental Protection (IIZS 2020)	http://www.tfzr.uns.ac.rs/iizs/conference_agenda.php	Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad	Zrenjanin, Serbia	2020	978-86-7672-340-9
803	I Lazăr, I BORDEAȘU, GV URSU-NEAMȚ	Considerations Regarding the Different Behaviour to Vibratory Cavitation Erosion-Corrosion of Brass and Bronze Used in the Cooling and Power Systems of Railway Engines.	Hidraulica, nr. 3				2020	1453 – 7303
804	Iosif Lazăr, Ilare Bordeasu, Ion Mitelea, Nicușor Alin Sirbu, Cornel Eusebiu Podoleanu, Sebastian Titus Duma, Lavinia Madalina Micu, Liviu Daniel Pirvulescu, Mihai Hluciu	Evaluation of the Behavior and Resistance to Cavitation Erosion of the Structure of the CuSn12-C Bronze Obtained by Thermal Treatment of Quenching and Tempering	Key Engineering Materials	10.4028/p/wwwscientific.net/KEM.890.165	Trans Tech Publications Ltd	Timișoara	2021	1662-9795
805	Ilare Bordeasu, Nicușor Alin Sirbu, Iosif Lazăr, Ion Mitelea, Cristian Ghera, Marcela Sava, Gabriel Mălaimare, Viorel Bazavan	New Results of the Heat-Treated CuZn39Pb3 Brass Behavior and Resistance to Cavitation Erosion	Key Engineering Materials	10.4028/wwwscientific.net/KEM.890.173	Trans Tech Publications Ltd	Timișoara	2021	1662-9795
806	Corlan R., Balogh R., Ionel I., Kilyeny St.	The importance of indoor air quality (IAC) monitoring	Journal of Physics: Conference Series	DOI: 10.1088/1742-6596/1781/1/012062	Open access		2021	
807	Luisa Izabel Dungan, Adrian Eugen Cioabla, Mircea Adrian Dungan, Mariana Nela Stefanut, Francisc Popescu	EFFECTS OF ENVIRONMENTAL POLLUTION DUE TO LAND TRANSPORT ACTIVITY	XI International Conference - Industrial Engineering and Environmental Protection (IIZS 2021)	http://www.tfzr.uns.ac.rs/iizs/conference_agenda.php	Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad	Zrenjanin, Serbia	2021	978-86-7672-348-5

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808	Francisc Popescu, Milan Trumic, Bogdana Vujic, Nada Strbac, Adrian Eugen Cioabla, Vukosav Antonijevic, Carmen Radescu, Gavrilă Trif-Tordai	SURFACE WATER QUALITY ON CERNA RIVER	XI International Conference - Industrial Engineering and Environmental Protection (IIZS 2021)	http://www.tfzr.uns.ac.rs/iizs/conference_agenda.php	Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad	Zrenjanin, Serbia	2021	978-86-7672-348-5
809	A Antonie, Adrian Eugen Cioablă	Study on the driver ergonomic position inside different types of vehicles	X International Conference Industrial Engineering and Environmental Protection 2021	http://www.tfzr.uns.ac.rs/iizs/conference_agenda.php		Zrenjanin, Serbia	2021	978-86-7672-348-5
810	T B Bacoș, Adrian Eugen Cioablă	Sonometric measurements in agricultural applications - case study	X International Conference Industrial Engineering and Environmental Protection 2021	http://www.tfzr.uns.ac.rs/iizs/conference_agenda.php		Zrenjanin, Serbia	2021	978-86-7672-348-5
811	LUCA Alexandru Nicolae, BORDEASU Ilare, GHERA Cristian, LAZAR Iosif, BORDEASU Dorin, PODOLEANU Corneliu Eusebiu, DUMA Sebastian Titus, BADARAU Rodica	CONSIDERATIONS REGARDING THE EFFECT OF THE TEMPERATURE HEAT TREATMENT OF AGING ON CAVITATION EROSION BEHAVIOR OF THE ALUMINUM ALLOY 2017 A.	Annals of 'Constantin Brancusi' University of Targu-Jiu. Engineering Series / Analele Universității Constantin Brâncuși din Târgu-Jiu. Seria Inginerie,		Academic Journal	Tg-Jiu	2022	1842-4856
812	Mustata D., Gonczi A., Balogh R., Ionel I.	Checking the Validity of the Simulation for a Vehicle Test Collision	Machine and Industrial Design in Mechanical Engineering	10.1007/978-3-030-88465-9_43	Springer	Novi Sad	2022	978-303088464-2
813	Halmaciu A., Ionel I., Vetres I., Balogh R., Bisorca D.	Challenges and performance evaluation of livestock waste energy content	Earth and Environmental Science	10.1088/1755-1315/960/1/012017	IOP Publishing Ltd	Bucuresti	2022	17551307
814	Corlan R., Balogh R., Ionel I., Boatca M., Draghici A.,	Indoor air quality research within a furniture factory	Journal of Physics: Conference Series	10.1088/1742-6596/2212/1/012004	IOP Publishing Ltd	Hunedoara	2022	1742-6588
815	Timotei Bogdan Bacos, Adrian Eugen Cioabla, Francisc Popescu	AGRICULTURE AND THE IMPACT OF AN INVISIBLE THREAT	XI International Conference - Industrial Engineering and Environmental Protection (IIZS 2022)	http://www.tfzr.uns.ac.rs/iizs/conference_agenda.php	Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad	Zrenjanin, Serbia	2022	978-86-7672-360-7
816	Francisc Popescu, Bogdana Vujić, Una Marčeta	AIR QUALITY ASSESSMENT OF TYPICAL LARGE COAL FIRED ROMANIAN STEAM BOILERS WITH POSSIBLE BIOMASS CO-FIRING SOLUTION FOR ENVIRONMENTAL IMPACT REDUCTION	XI International Conference - Industrial Engineering and Environmental Protection (IIZS 2022)	http://www.tfzr.uns.ac.rs/iizs/conference_agenda.php	Technical faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad	Zrenjanin, Serbia	2022	978-86-7672-360-7
817	Alexandru Nicolae Luca, Ilare Bordeasu, Brandusa Ghiban, Alin Demian, Cristian Ghera,	Cavitation behavior study of the aging heat treated aluminum alloy 7075	Journal of Physics: Conference Series	10.1088/1742-6596/2540/1/012037	IOP Publishing	Hunedoara	2023	
818	Lavinia Madalina Micu, Ilare Bordeasu, Istrate Dionisie, Brandusa Ghiban, Dinu Gubencu	Influence of aging heat treatment at 180 °C on cavitation erosion for aluminum alloy type 5083 in cold rolled state	Journal of Physics: Conference Series	10.1088/1742-6596/2540/1/012036	IOP Publishing	Hunedoara	2023	
819	F. Popescu, M. Zot, E.A. Laza	USING SHERPA TOOL FOR ASSESSMENT OF EUROPEAN WATERBORNE TRANSPORT SECTOR IMPACT ON AIR QUALITY	XV International Mineral Processing and Recycling Conference 2023	10.46793/IIZS24.367Z		Belgrade, Serbia	2023	978-86-6305-133-1
820	Madalina I. Zot, Aleksandar Djurić, Francisc Popescu, Bogdana Vujić, Adrian Cioabla, Una Marčeta	REMOTE AND OPEN PATH MONITORING TECHNIQUES APPLIED IN AIR QUALITY MEASUREMENTS IN URBAN AREAS	XIII International Conference - Industrial Engineering and Environmental Protection (IIZS 2023)	http://www.tfzr.uns.ac.rs/iizs/files/IIZS%202023%20Proceedings%20Final.pdf		Zrenjanin, Serbia	2023	978-86-7672-368-3
821	Cristina Maria IORDACHE, Cristina Maria, LUCA Alexandru-Nicolae, BORDEASU Ilare, CIUNGU, Gabriela, GhibanBrandusa	Cavitation Erosion Behavior of a Biodegradable Alloy from the Zn-Mg System for Biomedical Applications	Tribology in Industry	10.24874/ti.1604.11.23.01	Serbian Tribology Society	Kraguevac, Serbia	2024	0354-8996

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822	LUCA Alerxandru-Nicolae, BORDEASU Ilare, IORDACHE, Cristina Maria, CIUNGU Gabriela, GHIBAN Brandusa, MICULESCU Marian, MICU Lavinia Madalina	Heat Treatment Influence on the Cavitation Erosion Zn-Mg Behavior Used for Biomedical Applications	Tribology in Industry	10.24874/ti.1548.09.23.11	Serbian Tribology Society	Kraguevac, Serbia	2024	0354-8996
823	Ostoia Daniel	The influence of particle filter regeneration on oil consumption in euro 5 Diesel Engine	The 17-th European Automotive Congress EAEC MVT 2022	10.1088/1757-899X/1311/01240	Politehnica	Timisoara	2024	1757-899x
824	Poiana, DI (Poiana, D. I.); Ionel, I (Ionel, I.); Vasilescu, M (Vasilescu, M.); Vetres, I (Vetres, I.)	Study of Alternatives to Manufacturing of Long Pipes with Many Holes	IOP Conference Series-Materials Science and Engineering	DOI: 10.1088/1757-899X/1311/1/012036	IOP PUBLISHING LTD		2024	1757-8981
825	Madalina Ileana Zot , Ovidiu-Octavian Maran, Mihaela Popa, Francisc Popescu, Luisa Izabel Dungan	Analysis of the Problems Related to Traffic and Road Infrastructure in the Area of the Timisoara Student Complex	Recycling and Sustainable Development 17 (2024)	10.5937/ror2401057Z		Beograd, Serbia	2024	ISSN 2560-3132
826	Madalina Zot, Francisc Popescu	ASSESSMENT OF WATERBORNE TRANSPORT SECTOR IMPACT ON EUROPE AIR QUALITY WITH SHERPA MODEL	XIV International Conference on Industrial Engineering and Environmental Protection IIZS 2024	DOI: 10.46793/IIZS24.367Z		Zrenjanin, Serbia	2024	
827	Micota D., Isaincu A., Marsavina L.	Micromechanical modeling of glass fiber reinforced plastic material	Materials Today: Proceedings	10.1016/j.matpr.2020.12.919	Elsevier	Amsterdam	2020	2214-7853
828	Valean C., Sosdean C., Marsavina L., Lintul E	Mechanical characterization of lightweight foam-based sandwich panels	Materials Today: Proceedings	10.1016/j.matpr.2020.12.035	Elsevier	Amsterdam	2020	2214-7853
829	Sarandan S., Negru R., Marsavina L., Serban D.	Cellular materials used in athletic footwear applications: Experimental, analytical and numerical investigations	Materials Today: Proceedings	10.1016/j.matpr.2020.12.796	Elsevier	Amsterdam	2020	2214-7853
830	Isaincu A., Micota D., Ungureanu V., Marsavina L.	Numerical investigation on the influence of fiber orientation mapping procedure to the mechanical response of short-fiber reinforced composites using Moldflow, Digimat and Ansys software	Materials Today: Proceedings	10.1016/j.matpr.2020.12.792	Elsevier	Amsterdam	2020	2214-7853
831	Szabo A., Negru R., Cosa A., Marsavina L., Serban D.	Multi-scale modelling of woven carbon fibre reinforced epoxy	Materials Today: Proceedings	10.1016/j.matpr.2020.12.780	Elsevier	Amsterdam	2020	2214-7853
832	Krausz T., Serban D., Negru R., Radu A.G., Marsavina L.	The effect of strain rate and temperature on the mechanical properties of polycarbonate composites	Materials Today: Proceedings	10.1016/j.matpr.2020.12.121	Elsevier	Amsterdam	2020	2214-7853
833	L Marsavina, DI Stoia	Flexural properties of selectively sintered polyamide and Alumide	Material Design and Processing Communications	10.1002/mdp2.112	John Wiley and Sons Inc	-	2020	25776576
834	Ionica, Dorin-Alexandru Galatanu, Sergiu-Valentin Ionica, Alexandra Slavici, Titus	Analysis of the insertion force in a Fork-Pin contact	8th International Conference on Advanced Materials and Structures, AMS 2020	10.1016/j.matpr.2020.12.197	Elsevier Ltd	Timisoara	2020	22147853
835	Galatanu, Sergiu-Valentin Scano, Milena Pietras, Daniel Pirvulescu, Liviu-Daniel Porcu, Maria Cristina Marsavina, Liviu Send mail to Marsavina L. Sadowski, Tomasz	Bending behavior of AM50 Magnesium alloy under static and dynamic loading	1st Mediterranean Conference on Fracture and Structural Integrity, MedFract 2020	10.1016/j.prostr.2020.06.034	Elsevier B.V.	Athens	2020	24523216
836	Dudu, Marius; Chilibara-Opritescu, Cristina	An analytical investigation on the effect of variable wind speed in wind energy conversion systems	International Conference on Numerical Analysis and Applied Mathematics 2019, ICNAAM 2019, 23 - 28 September 2019, Rhodes	10.1063/5.0026868	American Institute of Physics Inc. - AIP Conference Proceedings, Volume 2293, Article number 270006		2020	ISSN 0094243X / ISBN 978-073544025-8

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837	Mihut, D.; Chilibara-Opritescu, C.	An optimal approach to a nonlinear dynamical system related to gait dynamics	International Conference on Numerical Analysis and Applied Mathematics 2019, ICNAAM 2019, 23 - 28 September 2019, Rhodes	10.1063/5.0026865	American Institute of Physics Inc. - AIP Conference Proceedings, Volume 2293, Article number 270005		2020	ISSN 0094243X / ISBN 978-073544025-8
838	Lazăr I., Bordeășu I., Popoviciu M.O., Hlușcu M., Podoleanu C.E., Duma S.T., Pîrvulescu Liviu Daniel, Sava M.	Modification of the Average Durability for CuSn12 Bronze at Cavitation Erosion Using Volumetric Treatments	International Conference on Applied Sciences (ICAS) 2020	10.1088/1742-6596/1426/1/012014		Hunedoara	2020	ISSN: 17426588
839	Lazăr I., Salcianu L.C., Bordeășu I., Popoviciu M.O., Hlușcu M., Pîrvulescu Liviu Daniel, Malaimare G., Badarau R.	Contributions for Increasing the CuZnPb brass durability to cavitation erosion	International Conference on Applied Sciences (ICAS) 2020	10.1088/1742-6596/1426/1/012015		Hunedoara	2020	ISSN: 17426588
840	Ion Crastiu, Dorin Simoiu, Liviu Bereteu	Bending Critical Speed Determination of a Shaft Carrying Multiple Rotors by Vibroacoustical Signal Analysis	New Advances in Mechanisms, Mechanical Transmissions and Robotics	https://doi.org/10.1007/978-3-030-60076-1_34	Springer	Timisoara	2020	978-3-030-60075-4
841	Ion Crastiu, Dorin Simoiu, Calin Gozman-Pop, Paul Druta, Liviu Bereteu	The Influence of the Mesh Element Size on Critical Bending Speeds of a Rotor in the Finite Element Analysis	Acoustics and Vibration of Mechanical Structures	https://doi.org/10.1007/978-3-030-54136-1_53	Springer	Timisoara	2020	978-3-030-54135-4
842	Adela Neamțu Popescu, Ion Crastiu, Dorin Simoiu, Andreea Raluca Ursu, Liviu Bereteu	Modeling and Simulation of Biomechanical Behavior of Ankle Ligaments with Applications in Vibration Therapy	New Advances in Mechanisms, Mechanical Transmissions and Robotics	https://doi.org/10.1007/978-3-030-60076-1_50	Springer	Timisoara	2020	978-3-030-60075-4
843	Paul Druta, Calin Gozman-Pop, Dorin Simoiu, Ion Crastiu, Liviu Bereteu	The Analysis of the Dynamic Behavior of a Tire Pressure Sensor	New Advances in Mechanisms, Mechanical Transmissions and Robotics	https://doi.org/10.1007/978-3-030-60076-1_45	Springer	Timisoara	2020	978-3-030-60075-4
844	Daniel Vlădaia, Adela Neamțu Popescu, Steliana Stanciu, Dorin Simoiu, Liviu Bereteu	The Effect of Vibration Exposure on Posterior Lower Limbs Skin Temperature During the Warm-up Process of Athletes	Acoustics and Vibration of Mechanical Structures	https://doi.org/10.1007/978-3-030-54136-1_30	Springer	Timisoara	2020	978-3-030-54135-4
845	Marsavina L., Stoia D.I., Linul E.	Fracture toughness in additive manufacturing by selective laser sintering: an overview	Material Design and Processing Communications	10.1002/mdp2.254	John Wiley and Sons Inc	Bognor Regis	2021	2577-6576
846	Micota D., Isaincu A., Marsavina L.	Experimental testing of two short-fiber reinforced composites: PPA-GF33 and PPS-GF40	Material Design and Processing Communications	10.1002/mdp2.264	John Wiley and Sons Inc	Bognor Regis	2021	2577-6576
847	Ailinei I.I., Galatanu S.-V., Marsavina L.	The effects of layers orientation on impact energy evaluation of FDM printed specimens	Material Design and Processing Communications	10.1002/mdp2.267	John Wiley and Sons Inc	Bognor Regis	2021	2577-6576
848	Krausz T., Ailinei I.I., Galatanu S.-V., Marsavina L.	Charpy impact properties and numerical modeling of polycarbonate composites	Material Design and Processing Communications	10.1002/mdp2.260	John Wiley and Sons Inc	Bognor Regis	2021	2577-6576
849	Marsavina L., Stoia D.I., Linul E.	Mixed modes crack paths in SCB specimens obtained via SLS	Procedia Structural Integrity	10.1016/j.prostr.2022.03.153	Elsevier	Amsterdam	2021	2452-3216
850	Stoia D.I., Marsavina L., Cosa A., Nicoara A.	Parameter Optimization for Biocompatible Polyamide Used in Selective Laser Sintering (SLS)	Springer Proceedings in Physics	10.1007/978-3-030-54136-1_32	Springer	Deutschland	2021	978-303054135-4
851	A Stoia, DI Stoia, N Herisanu	An Improved Solution to a Biodynamic Multibody System	AIP Conference Proceedings, International Conference on Numerical Analysis and Applied Mathematics 2021, ICNAAM 2021	10.1063/5.0163071	American Institute of Physics Inc.	Rhodes	2021	0094243X
852	DI Stoia, C Vîgaru, A Nicoara, N Herisanu	Angular Momentum About the Total Body Center of Mass Computed at Different Speeds	Springer Proceedings in Physics. 15th Conference on Acoustics and Vibration of Mechanical Structures, AVMS 2019	10.1007/978-3-030-54136-1_21	Springer Science and Business Media Deutschland GmbH	Timisoara	2021	9308989
853	M Lupsa, A Totorean, DI Stoia, A Totorean	Biomechanical Evaluation of Medical Rehabilitation for a Patient with Ankle Fracture	Springer Proceedings in Physics. 15th Conference on Acoustics and Vibration of Mechanical Structures, AVMS 2019	10.1007/978-3-030-54136-1_25	Springer Science and Business Media Deutschland GmbH	Timisoara	2021	9308989
854	Iulian-Ionuț Ailinei, Sergiu-Valentin Galațanu, Cosmin Ioan Onea and Liviu Marsavina Galatanu Sergiu Valentin, Marsavina Liviu	Numerical and experimental study for AM50 magnesium alloy under dynamic loads	6th International Conference of Engineering Against Failure (ICEAF-VI 2021)	https://doi.org/10.1051/mateconf/202134902012	MATEC Web Conf. / EDP Sciences	Online	2021	

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855	Herisanu, Nicolae, Marinca Vasile, Chilibraru-Opritescu Cristina	An Approximate Analytical Solution of Transversal Oscillations with Quintic Nonlinearities	Acoustics and Vibration of Mechanical Structures – AVMS	https://doi.org/10.1007/978-3-030-54136-1_4	Springer	Cham	2021	9308989
856	Marinca Vasile, Herisanu, Nicolae	Optimal Auxiliary Functions Method for Nonlinear Vibration of Doubly Clamped Nanobeam Incorporating the Casimir Force	Acoustics and Vibration of Mechanical Structures – AVMS	https://doi.org/10.1007/978-3-030-54136-1_5	Springer	Cham	2021	9308989
857	Bratu, Polidor; Opreșcu, Cristina; Țârdea, Amalia; Voicu, Ovidiu; Ciocodeiu, Adrian	Parametric Analysis of Dynamic Insulation in the Action of the Seismic Movements of the Base-Insulated Buildings	15th International Conference on Acoustic and Vibration of Mechanical Structure, AVMS 2019, 29 - 31 May 2019, Timisoara	10.1007/978-3-030-54136-1_37	Springer Science and Business Media Deutschland GmbH - Springer Proceedings in Physics, Volume 251, Pages 367 - 374		2021	ISSN 09308989 / ISBN 978-303054135-4
858	Neamțu Popescu, A., Rusu, L., Crăștiu, I., Pavăl, A., Bereteu, L.	Modeling and Simulation of Mechanical Behavior of Spinal Ligaments with Applications in Traction Therapy	15th Conference on Acoustics and Vibration of Mechanical Structures	10.1007/978-3-030-54136-1_31	Springer Science and Business Media Deutschland GmbH	Timisoara	2021	ISSN 9308989
859	M. C. Ioncica, A. F. Totorean, T. Ciocan, S. I. Bernad, C. I. Totorean, E. S. Bernad	Drug Particle Dynamics in the Two Different Simplified Stent Geometries	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	https://doi.org/10.1109/CIEM52821.2021.9614720	IEEE	Bucuresti	2021	978-1-6654-4584-9
860	A. F. Totorean, M. C. Ioncica, T. Ciocan, S. I. Bernad, C. I. Totorean, E. S. Bernad	Medical IMAGE-Based Numerical Simulation of the Abdominal Aorta Flow	2021 10th International Conference on ENERGY and ENVIRONMENT (CIEM)	https://doi.org/10.1109/CIEM52821.2021.9614874	IEEE	Bucuresti	2021	978-1-6654-4584-9
861	Nagy R, Maruta RS, Menyhardt K	Vibration Analysis of High-Pressure Pneumatic Compressor	Springer Proceedings in Physics	10.1007/978-3-030-54136-1_41	Springer Science and Business Media Deutschland GmbH	Timisoara	2021	978-303054135-4
862	Lazar I., Bordeasu I., Mitelea I., Sirbu N.A., Podoleanu C.E., Duma S.T., Micu L.M., Pirvulescu Liviu Daniel; Hluscu M.	Evaluation of the behavior and resistance to cavitation erosion of the structure of the CuSn12-C bronze obtained by thermal treatment of quenching and tempering	Key Engineering Materials; 11th International Conference on Innovative Technology for Joining Advanced Materials, TIMA 2020	10.4028/www.scientific.net/KEM.890.165		Virtual, Online	2021	ISBN:978-303571766-2
863	Lazar I.; Bordeasu I.; Pirvulescu Liviu Daniel; Hluscu M., Mitelea I., Ghera C.	The behavior to cavitation erosion-corrosion of the CuZn39Pb3 brass structures, obtained by in-depth heat treatments	International Conference on Applied Sciences (ICAS) 2020	10.1088/1742-6596/1781/1/012004		Hunedoara	2021	ISSN: 17426588
864	Totorean A, Totorean IC, Bernad S, Gaita D	Numerical Investigation of an Idealized Overlapping Coronary Stents Configuration	Springer Proceedings in Physics, Acoustics and Vibration of Mechanical Structures, AVMS 2019	10.1007/978-3-030-54136-1_24	Springer	Cham	2021	9308989
865	Pirvulescu L.-D., Stoia D.I., Marsavina L.	Studies on tensile and tear fracture of the S8210 tarpaulin	Vibroengineering Procedia	10.21595/vp.2022.22952	Extrica	Resita	2022	2345-0533
866	Isaincu A., Micota D., Marsavina L.	On the Fracture Toughness of PPS and PPA Reinforced with Glass Fiber	Procedia Structural Integrity	10.1016/j.prostr.2022.05.073	Elsevier	Amsterdam	2022	2452-3216
867	Popa C.-F., Marghitas M., Galatanu S.-V., Marsavina L.	Influence of thickness on the IZOD impact strength of FDM printed specimens from PLA and PETG	Procedia Structural Integrity	10.1016/j.prostr.2022.05.064	Elsevier	Amsterdam	2022	2452-3216
868	Pirvulescu L.-D., Cernescu A., Opris C., Marsavina L.	Size effect in fatigue life of Mg alloy	Procedia Structural Integrity	10.1016/j.prostr.2022.05.055	Elsevier	Amsterdam	2022	2452-3216
869	Foltut D., Valean E., Dzitac V., Marsavina L.	The influence of temperature on the mechanical properties of 3D printed and injection molded ABS	Materials Today: Proceedings	10.1016/j.matpr.2022.10.039	Elsevier	Amsterdam	2022	2214-7853
870	Milovanovic A., Golubovici Z., Trajkovic I., Sedmak A., Milosevic M., Valean E., Marsavina L.	Influence of printing parameters on the eligibility of plane-strain fracture toughness results for PLA polymer	Procedia Structural Integrity	10.1016/j.prostr.2022.05.034	Elsevier	Amsterdam	2022	2452-3216
871	Nicoara, Andreea, Stoia, Dan Ioan, Chilibraru-Opritescu, Cristina, Herisanu, Nicolae	A Biodynamic Multibody System. OHAM Solution	AIP Conference Proceedings	10.1063/5.0081957	American Institute of Physics Inc.	Rhodes	2022	0094243X
872	Stoia, Andreea, Stoia Dan Ioan, Vigar, Cosmina, Herisanu, Nicolae	Three Segments Model for Computing Angular Momentum of Lower Limb in Gait	Springer Proceedings in Physics. 16th International Conference on Acoustic and Vibration of Mechanical Structure, AVMS 2021	10.1007/978-3-030-96787-1_19	Springer Science and Business Media Deutschland GmbH	Timisoara	2022	9308989

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
873	E Linul, M Baban, SV Galatanu	Effect of manufacturing parameters on the impact fracture properties of DLP 3D-printed specimens	3rd International Workshop on Reliability and Design of Additively Manufactured Materials-RdAMM22	https://www.siramm.uni-pr.it/2_Events/3rdWorkshop/RdAMM22_programme_.pdf#page=25	Faculty of Mechanical Engineering (FME), Univ. of Belgrade	Belgrade	2022	978-86-6060-140-9
874	Mădroane D.F. Duma I. Galațanu S.V.	The Influence of Drying Time on a Glass-Adhesive-Steel Bonding	TIMA 2021	10.4028/p-f6s8kb	Trans Tech Publications Ltd	Timisoara	2022	10120386
875	Burca, Beatrice Adelina Popa, Cosmin Florin Galatanu, Sergiu-Valentin	Numerical analysis of osteosynthesis plates used in the reconstruction of the mandible	9th International Conference on Advanced Materials and Structures, AMS 2022	10.1016/j.matpr.2023.01.192	Materials Today: Proceedings	Timisoara	2022	22147853
876	Ailinei, Iulian-Ionut Galatanu, Sergiu-Valentin Madroane, Denis-Florin Marsavina, Liviu	The Influence of anisotropy on the vibration behaviour of S600Mc sheet metal	23rd European Conference on Fracture, ECF 2022	10.1016/j.prostr.2022.12.181	Elsevier B.V.	Funchal	2022	24523216
877	Bacria Vasile, Herisanu Nicolae, Chilibraru-Opritescu Cristina	Protecting Residential Areas Against Noise Generated by Car Wash Units. A Case Study	Acoustic and Vibration of Mechanical Structure, AVMS 2021	https://doi.org/10.1007/978-3-030-96787-1_15	Springer	Cham	2022	9308989
878	Herisanu, Nicolae, Marinca Vasile	Preliminary Results on a New Semi-Analytical Technique for the Study of Vibro-Impact Problems	Acoustic and Vibration of Mechanical Structure, AVMS 2021	https://doi.org/10.1007/978-3-030-96787-1_6	Springer	Cham	2022	978-3-030-96786-4
879	Marinca Vasile, Herisanu, Nicolae	Impact of Piecewise Energy Harvester System of Bistable Beam with Hertzian Contact Force	Acoustic and Vibration of Mechanical Structure, AVMS 2021	https://doi.org/10.1007/978-3-030-96787-1_4	Springer	Cham	2022	978-3-030-96786-4
880	Laura Jurca, Cosmina Vigaru, Cristina Chilibraru-Opritescu	Analytical investigation to biomechanical properties of a vocal fold model	INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS ICNAAM 2020, Volume 2425, Issue 1	https://doi.org/10.1063/5.0081897	AIP Conference Proceedings	Rhodes	2022	
881	Bleoju, Ciprian; Chilibraru-Opritescu, Cristina	An optimal analytical solution to a simple pendulum with air resistance	International Conference on Numerical Analysis and Applied Mathematics 2020, ICNAAM 2020, 17 - 23 September 2020, Rhodes	10.1063/5.0081898	American Institute of Physics Inc. - AIP Conference Proceedings, Volume 2425, Article number 310005		2022	ISSN 0094243X / ISBN 978-073544182-8
882	Nagy R, Popa B, Menyhardt K	Smart Posture Corrector	Springer Proceedings in Physics	10.1007/978-3-030-96787-1_23	Springer Science and Business Media Deutschland GmbH	Timisoara	2022	978-303096786-4
883	Lazar I.; Bordeasu I.; Pirvulescu Liviu Daniel; Hluscu M.; Bazavan D.V.; Micu L.M.; Ghera C.	The Influence of the Hardening and Tempering Heat Treatment on the Strength of the CuZn39Pb3 Brass to Cavitation Erosion	11 th International Conference on Machine and Industrial Design in Mechanical Engineering	10.1007/978-3-030-88465-9_29		Novi Sad	2022	ISSN: 22110984
884	Adela Neamțu, Dorin Simoiu, Andreea Raluca Ursu, Liviu Bereteu	Analysis of the Relaxation Effect by Vibrations on Some Rheological Models of Tissues	2022 IEEE 16th International Symposium on Applied Computational Intelligence and Informatics (SACI)	https://doi.org/10.1109/SACI55618.2022.9919537	IEEE	Timisoara	2022	978-1-6654-8125-0
885	Totorean AF, Totorean IC, Bernad SI	Numerical Study of Blood Flow Characteristics In Patient-Specific Renal Arteries Configuration	AIP Conference Proceedings, 2425, Conferința: International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2020	DOI 10.1063/5.0082817	AIP	Rhodes	2022	0094-243X
886	Ioncica MC, Totorean AF, Bernad SI	Influence of the Stent Geometry on Flow Parameters After Arterial Stent Placement	Acoustic and Vibration of Mechanical Structure, AVMS 2021, Springer Proceedings in Physics, 274	10.1007/978-3-030-96787-1_20	Springer	Cham	2022	978-303096786-4
887	Marsavina L., Negru R., Serban D., Marghitas M.P., Popa C.-F.	The notch effect on additive manufactured polymers	Procedia Structural Integrity	10.1016/j.prostr.2023.07.045	Elsevier	Amsterdam	2023	2452-3216
888	Popa C.-F., Krausz T., Galatanu S.-V., Linul E., Marsavina L.	Numerical and experimental study for FDM printed specimens from PLA under IZOD impact tests	Materials Today: Proceedings	10.1016/j.matpr.2022.11.501	Elsevier	Amsterdam	2023	2214-7853
889	Sarandan S., Negru R., Marsavina L., Mihuta M.-S., Serban D.,	Numerical analysis of a Rugby union protective headgear under impact loading	Materials Today: Proceedings	10.1016/j.matpr.2022.11.500	Elsevier	Amsterdam	2023	2214-7853

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
890	Kovacik J., Gopinathan A., Simancik F., Marsavina L., Linul E.	Effect of sample shape on compression behavior of aluminum foams	Materials Today: Proceedings	10.1016/j.matpr.2022.11.498	Elsevier	Amsterdam	2023	2214-7853
891	DI Stoia, M Galescu-Blidariu, A Stoia, A Totorean	Upper Limb Motion Analysis During a Virtual Reality Fitness Game	Springer Proceedings in Physics, 17th International Conference on Acoustics and Vibration of Mechanical Structures, AVMS 2023	10.1007/978-3-031-48087-4_16	Springer Nature	Timisoara	2023	978-303148086-7
892	Totorean Alin, Lancere Linda, Horsak Brian, Simonlehner Mark, Stoia Dan Ioan, Crisan-Vida Mihaela, Moco Diogo, Fernandes Rita, Gere Attila, Sterckx Yasmine, Zulkarnain Abdul, Gal-Nadasan Norbert, Stoia Andreea	Heart Rate and Surface Electromyography Analysis to Assess Physical Activity Using a Virtual-Reality Exergame	Springer Proceedings in Physics, 17th International Conference on Acoustics and Vibration of Mechanical Structures, AVMS 2023	10.1007/978-3-031-48087-4_15	Springer Nature	Timisoara	2023	978-303148086-7
893	Dawod, Nazem, Stoia, Dan Ioan, Focșăneanu, Sergiu, Antoniac, Aurora, Robu, Alina, Dura, Horațiu, Cârștoc, Ioana Dana, Dragomir, Bogdan Radu	SHEAR STRESS ANALYSIS BY FINITE ELEMENTS OF A METAL-CERAMIC DENTAL BRIDGE ON A CoCr ALLOY SUPPORT	UPB Scientific Bulletin, Series B: Chemistry and Materials Science	-	Politechnica University of Bucharest	-	2023	14542331
894	DF MĂDROANE, E LINUL, SV GALAȚANU	Numerical analysis of a glass – Adhesive – Steel bonding	Materials Today: Proceedings, 9th International Conference on Advanced Materials and Structures-AMS'22	10.1016/j.matpr.2022.11.499	Elsevier	Timisoara	2023	2214-7853
895	BD Cioroagă, E Linul, VG Cioată	EFFECT OF WELDING CURRENT VOLTAGE ON TENSILE STRENGTH OF PRESSURE VESSEL STEEL SUBMERGED WELDED JOINTS	Annals of the Faculty of Engineering Hunedoara	https://annals.fih.upt.ro/pdf-full/2023/ANNALS-2023-1-05.pdf	POLITEHNICA	Hunedoara	2023	1584-2665
896	BD Cioroagă, E Linul, VG Cioată	Effect of welding speed on tensile strength of pressure vessel steel submerged welded joints	Annals of the Faculty of Engineering Hunedoara	https://annals.fih.upt.ro/pdf-full/2023/ANNALS-2023-1-13.pdf	POLITEHNICA	Hunedoara	2023	1584-2665
897	BD Cioroagă, E Linul, VG Cioată	EFFECT OF WELDING CURRENT INTENSITY ON TENSILE STRENGTH OF PRESSURE VESSEL STEEL SUBMERGED WELDED JOINTS	Acta Technica Corviniensis-Bulletin of Engineering	https://acta.fih.upt.ro/pdf/2023-2/ACTA-2023-2-08.pdf	POLITEHNICA	Hunedoara	2023	2067-3809
898	Galatanu, Sergiu-Valentin; Linul, Emanoil; Kováčik, Jaroslav; Marsavina, Liviu	The anisotropy behavior of metallic foams under Charpy impact tests	7th International Conference of Engineering Against Failure, ICEAF 2023	10.1088/1742-6596/2692/1/012005	Institute of Physics	Spetses Island	2023	17426588
899	Laura Jurca, Cosmina Vigaru	Jitter and Shimmer Parameters in the Identification of Vocal Tract Pathologies. Current State of Research	Acoustics and Vibration of Mechanical Structures—AVMS-2023, Springer Proceedings in Physics, vol 302	https://doi.org/10.1007/978-3-031-48087-4_17	Springer, Cham	Timișoara	2023	978-3-031-48086-7
900	Laura Jurca, Cosmina Vigaru, Cristina Chilibaru-Opritescu, Nicolae Herisanu	An analytical approach to a simple nonlinear model of vocal fold	INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS ICNAAM 2021, Volume 2849, Issue 1	https://doi.org/10.1063/5.0162183	AIP Conference Proceedings	Rhodes	2023	
901	Bleoiu, Ciprian; Chilibaru-Opritescu, Cristina	An Optimal Approach to Duffing Type Nonlinearity Related to Structural Analysis and Vibration Testing Problems	International Conference on Numerical Analysis and Applied Mathematics 2021, ICNAAM 2021, 20 - 26 September 2021, Rhodes	10.1063/5.0164124	American Institute of Physics Inc. - AIP Conference Proceedings, Volume 2849, Issue 1, Article number 290004		2023	ISSN 0094243X
902	Micota D., Isaincu A., Marsavina L., Rusu L.	Evaluation of wall thickness effect on tensile properties of injected short fiber reinforced polymers	Procedia Structural Integrity	10.1016/j.prostr.2024.02.049	Elsevier	Amsterdam	2024	2452-3216
903	Marghitas M.P., Marsavina L., Popa C.-F., Brighenti R.	On the mixed mode fracture of DLP manufactured SCB specimens	Procedia Structural Integrity	10.1016/j.prostr.2024.02.033	Elsevier	Amsterdam	2024	2452-3216
904	Popa C.-F., Krausz T., Galatanu S.-V., Marsavina L.	The influence of contour on FDM parts for the Shear Test	Procedia Structural Integrity	10.1016/j.prostr.2024.02.053	Elsevier	Amsterdam	2024	2452-3216

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905	Krausz T., Popa C.-F., Toparcean C.-D., Rusu L., Marsavina L.	Temperature and Thermal Aging Effects on the Mechanical Response of Polycarbonate Materials	Procedia Structural Integrity	10.1016/j.prostr.2024.02.039	Elsevier	Amsterdam	2024	2452-3216
906	Galatanu S.-V., Serralha F. N., Marghitas P. M., Sosdean C., Popa C.-F., Linul E., Marsavina L.	Mechanical behavior of recycled FDM printed parts from PETG in the circular economy	Procedia Structural Integrity	10.1016/j.prostr.2024.02.048	Elsevier	Amsterdam	2024	2452-3216
907	Valean E., Foti P., Razavi J.S.M., Marsavina L., Berto F.	Effect of the notch opening angle on the quasi-static behavior of PLA and carbon fibers reinforced PLA realized through Fused Deposition Modelling	Procedia Structural Integrity	10.1016/j.prostr.2024.02.037	Elsevier	Amsterdam	2024	2452-3216
908	Milovanovic A., Galatanu S.-V., Sedmak A., Marsavina L., Trajkovic I., Popa C.-F., Milosevic M.	Layer thickness influence on impact properties of FDM printed PLA material	Procedia Structural Integrity	10.1016/j.prostr.2024.02.055	Elsevier	Amsterdam	2024	2452-3216
909	DI Stoia, G Rusu, A Cernescu	Highlights on the Influence of Thermal Reprocessing of PLA on Mechanical Properties	Procedia Structural Integrity, Structural Integrity and Reliability of Advanced Materials Obtained Through Additive Manufacturing, SIRAMM 2023	10.1016/j.prostr.2024.02.042	Elsevier	Timisoara	2024	2452-3216
910	C Öhl, E Linul, SV Galatanu	Vibration behaviour of additively manufactured AISi10Mg specimens	IOP Conference Series: Materials Science and Engineering, Advanced Materials and Structures Conference (AMS 2024)	10.1088/1757-899X/1319/1/012027	IOP Publishing	Timisoara	2024	1757-899X
911	R Bercuci, L Marsavina, J Kováčik, E Linul	Compressive behavior of closed-cell metal foams under cryogenic conditions	IOP Conference Series: Materials Science and Engineering, Advanced Materials and Structures Conference (AMS 2024)	10.1088/1757-899X/1319/1/012019	IOP Publishing	Timisoara	2024	1757-899X
912	E Linul, C Vălean, AI Rusu	Compression behavior of ex-situ PVC foam-filled tubes	IOP Conference Series: Materials Science and Engineering, Advanced Materials and Structures Conference (AMS 2024)	10.1088/1757-899X/1319/1/012011	IOP Publishing	Timisoara	2024	1757-899X
913	C Öhl, M Rus, DF Mădroane, I Duma, SV Galatanu, E Linul	The Influence of Thread Length and Tightening Torque of the M8/M12 Bolts on the Vibration Fixture Response	Advanced Engineering Forum, International Conference Innovative technologies for joining advanced materials - TIMA23	https://doi.org/10.4028/p-dhL3yH	Trans Tech Publications Ltd	Timisoara	2024	2234-991X
914	Borza Andrei Casian, Borborean Andrei Tiberiu, Galațanu Sergiu Valentin	DESIGNING AND MANUFACTURING OF THE DRIVESHAFT USING CFRP FOR THE FORMULA STUDENT CAR	CONAT 2024 International Congress of Automotive and Transport Engineering		Transilvania University Press	Brasov	2024	20690401
915	Valean, Estera; Marsavina, Liviu; Galatanu, Sergiu-Valentin; Foti, Pietro; Berto, Filippo	Effect of notches on static and dynamic bending of 3D printed PLA and PLA reinforced with short carbon fiber	24th European Conference on Fracture, ECF 2024	10.1016/j.prostr.2025.06.156	Elsevier B.V.	Zagreb	2024	24523216
916	Murariu G.; Perianu I.A.; Galatanu S.V.	Stress and Strain Analysis for a Topological Optimized Beam	TIMA 2023	10.4028/p-lfB1qa	Trans Tech Publications Ltd	Timisoara	2024	2555476
917	Corciu Matei M.; Sirbu N.A.; Galatanu S.V.; Trihenea, Nicolae; Biholar A.I	Further Analysis into Best Infill Structure Used in Additive Manufacturing for Mechanical Applications	TIMA 2023	10.4028/p-pgVZ8q	Trans Tech Publications Ltd	Timisoara	2024	2555476
918	Corciu Matei M.; Sirbu N.A. Galatanu S.V.; Trihenea, Nicolae; Biholar A.I.	Review of Potential Capabilities of 3D Printed Parts Reinforced with a non-Newtonian Fluid for Enhancing Impact Resistance	TIMA 2023	10.4028/p-l64fV2	Trans Tech Publications Ltd	Timisoara	2024	2555476
919	Milovan Paunić, Aleksandar Sedmak, Aleksa Milovanović, Milan Janković, Sergiu-Valentin Galațanu, Horia Dascau, Igor Balać	The effect of build orientations and raster angles on impact toughness of PET-G FDM material	Proceedings of the 12th Annual Conference of Society for Structural Integrity and Life-DIVK12		Društvo za Integritet i Vek Konstrukcija "Prof dr Stojan Sedmak"	Belgrade	2024	978-86-900686-2-3

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Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
920	Corina Sosdean and Sergiu-Valentin Galațanu	Tensile properties of Romanian “Țurcana” sheep wool farm-waste fibers	Advanced Materials and Structures Conference (AMS 2024) 30/05/2024 - 01/06/2024 Timisoara, Romania	10.1088/1757-899X/1319/1/012034	IOP Publishing Ltd	Timisoara	2024	
921	Gabriel Murariu, Matei Marin-Corciu and Sergiu-Valentin Galațanu	Evaluation of the layering adhesion between PLA and TPE materials	Advanced Materials and Structures Conference (AMS 2024) 30/05/2024 - 01/06/2024 Timisoara, Romania	10.1088/1757-899X/1319/1/012036	IOP Publishing Ltd	Timisoara	2024	
922	Gabriel Murariu, Matei Marin-Corciu, Sergiu-Valentin Galațanu	Studiu al aderenței interstraturilor în probe imprimate cu două materiale, prin încorporarea elastomerului termoplastic (TPE) și acidului polilactic (PLA)	Conferința "SUDURA 2024"		SUDURA, XXXIV - 3/2024	Timisoara	2024	
923	Milovanović, Aleksa Paunić, Milovan Filipović, Ivana Galațanu, Sergiu-Valentin Marsavina, Liviu Milošević, Miloš Sedmak, Aleksandar	Impact properties of FDM-grade PLA material relative to infill density	Proceedings of the 12th Annual Conference of Society for Structural Integrity and Life - DIVK12, 2024, 128-128		Društvo za Integritet i Vek Konstrukcija “Prof dr Stojan Sedmak” –Belgrade– Serbia	Belgrade	2024	978-86-900686-2-3
924	Milovan Paunić, Aleksandar Sedmak, Milan Janković, Sergiu-Valentin Galațanu, Horia Dascau, Igor Balac	Influence of build orientation and different printing angles on impact toughness of carbon-reinforced PET-G FDM material	Twenty-fifth Jubilee Annual Conference YUCOMAT 2024 & Thirteenth World Round Table Conference on Sintering XIII WRTCS 2024, Herceg Novi, Montenegro		Materials Research Society of Serbia	Herceg Novi, Montenegro	2024	978-86-919111-9-5
925	Herisanu, Nicolae, Marinca Vasile	Effect of Mechanical Impact and Electromagnetic Actuation on the Nonlinear Vibration of a Beam	Acoustic and Vibration of Mechanical Structure, AVMS 2023	https://doi.org/10.1007/978-3-031-48087-4_3	Springer	Cham	2024	9308989
926	Marinca Vasile, Chilibaru-Opritescu Cristina, Herisanu, Nicolae	Nonlinear Forced Vibration of an Axially Functionally Graded Beam Under Combined Effects of an Electromagnetic Actuator and Mechanical Impact	Acoustic and Vibration of Mechanical Structure, AVMS 2023	https://doi.org/10.1007/978-3-031-48087-4_5	Springer	Cham	2024	9308989
927	Herisanu, Nicolae; Marinca, Vasile; Chilibaru-Opritescu, Cristina	Nonlinear oscillations of an electromagnetically-actuated beam in the presence of Van der Waals force	INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS: ICNAAM2022, 19–25 September 2022, Heraklion, Greece	10.1063/5.0211118	American Institute of Physics - AIP Conference Proceedings, Volume 3094, Issue 1, Article number 390003		2024	ISSN 0094243X / ISBN 978-073544954-1
928	Menyhardt K, Maruta RS, Nagy R	Resonance Frequency of ASA 3D Printed Models. Simulation Versus Physical Testing	Springer Proceedings in Physics	10.1007/978-3-031-48087-4_37	Springer Science and Business Media Deutschland GmbH	Timisoara	2024	978-303148086-7
929	Băiaș Cosmin-Constantin, Luminosu Caius Tudor, Suci Sorin Florin	Teaching Ethics and Academic Integrity – educational challenges and institutional contexts	ICERI2021 Proceedings 14th annual International Conference of Education, Research and Innovation	10.21125/iceri.2021.0462	Atlantis Press	Dordrecht, The Netherlands	2021	978-2-494069-67-1
930	Ghita Roxana, Băiaș Cosmin-Constantin, INTED2021 Proceedings, pp. 7636-7641.	The Invitational Perspective and Creation of External Conditions in the Educational Process	INTED2021 Proceedings, 5th International Technology, Education and Development Conference	10.21125/inted.2021.1538	IATED Academy	Valencia, Spain	2021	978-84-09-27666-0
931	Gherhes, Vasile; Cernicova-Buca, Mariana	Technical and Humanities Students' Management of Social Presence in the Online Classroom Through the Use of Webcams	16th International Conference on Virtual Learning (ICV 2021)		https://icvl.eu/documents/9/ICVL2021-Proceedings-SITE.pdf	București	2021	1844-8933
932	Cernicova-Buca, Mariana	An exploratory study into the Romanian students' motivations for online second-hand shopping	Professional Communication and Translation Studies	https://doi.org/10.59168/QXRS4678		Timișoara	2022	ISSN 2065-099X
933	Cernicova-Buca, Mariana; Cocea, Eugen	Public engagement strategies in the automotive industry: the case of Romania	Professional Communication and Translation Studies			Timișoara	2021	ISSN 2065-099X
934	Cernicova-Buca, Mariana; Gherheș, Vasile; Palea, Adina; Dragomir, Gabriel-Mugurel	Students as co-creators of an environment-friendly campus in Timisoara	INTED2024 Proceedings	doi: 10.21125/inted.2024.2162		Valencia (Spania)	2024	978-84-09-59215-9
935	Ciurel, Daniel-Liviu	Culture Jamming: Perspectives by Incongruity and Polemical Intertextuality	Professional Communication and Translation Studies			1 Timișoara	2020	ISSN 2065-099X

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936	Ciurel, Daniel-Liviu	Digital advertising as memetic propaganda	Professional Communication and Translation Studies			1 7	2021	ISSN 2065-099X
937	Ciurel, Daniel-Liviu	Digital Boverism: Advertising, Rhetoric, and Identity				1 6	2022	ISSN 2065-099X
938	Ciurel, Daniel-Liviu	Native advertising as rhetorical camouflage	Professional Communication and Translation Studies			1 7	2023	ISSN 2065-099X
939	Ciurel, Daniel-Liviu	Visual rhetoric in city branding: The case of Timisoara ECoC 2023	Professional Communication and Translation Studies			1 9	2024	ISSN 2065-099X
940	Dejica-Carțiș, Anca	Deutsch für den Beruf. Entwicklung von Sprachkompetenzen (articol)	Professional Communication and Translation Studies, Vol. 14/2021	doi: 10.59168/VNOD1002	Editura Politehnica	Timisoara	2021	ISSN 2065-099X
941	Dejica-Carțiș, Anca	Technisches Deutsch für Studierende. Entwicklung von Sprachkompetenzen (articol)	Professional Communication and Translation Studies, Vol. 13/2020	doi: 10.59168/EUMV7622	Editura Politehnica	Timisoara	2020	ISSN 2065-099X
942	Sburlea Noemi & Daniel Dejica	Transformative Translation: Empowering Environmental Discourse through Linguistic Innovation and Sustainable Translations	10th International Scientific Conference ERAZ 2024 – Conference Proceedings	https://doi.org/10.31410/ERAZ.2024.511	Association of Economists and Managers of the Balkans	Opatija	2024	978-86-80194-86-8
943	Laria-Maria Trusculescu, Vasile Gherhes, Laurentiu-Gabriel Tiru	Virtual Reality Therapy: A Case Study of Its Efficacy In Treating Phobias and Anxiety	Economic, Social and Environmental Sustainability: The Role of Technology and Political Dialogue	https://toknowpress.net/1SBN/978-961-6914-30-7.pdf	ToKnowPress	Malta	2023	ISSN 2820-6797
944	Laria-Maria Trusculescu, Vasile Gherhes, Mariana Cernicova-Buca	How Fake News Influences the Business World? A General Fake News Analysis on the Crash of The Indian Market	Economic, Social and Environmental Sustainability: The Role of Technology and Political Dialogue	https://toknowpress.net/1SBN/978-961-6914-30-7.pdf	ToKnowPress	Malta	2023	ISSN 2820-6797
945	Maria-Dana Grosseck	Wie Metaphern Fachsprachen und -Übersetzungen angenehmer machen können	Professional Communication and Translation Studies,		Politehnica	Timisoara	2023	ISSN: 2065-099X
946	Maria-Dana Grosseck	Virtuelle oder face to face "Kommunikation, welche spielt den Entscheidungsfaktor in der Beziehung Lehrer/Student	Professional Communication and Translation Studies,		Politehnica	Timisoara	2020	ISSN: 2065-099X
947	Palea, Adina; Peev-Otiman, Paula-Diana	CHARTING SUSTAINABLE TOURISM IN ROMANIA. AN OPPORTUNITY RELEVANT AUTHORITIES MIGHT BE MISSING	Professional Communication And Translation Studies		Politehnica	Timisoara	2021	ISSN 2065-099X
948	Pele Andreea, Ramona Bran, Gabriela Grosseck	Talk to Me in Memes	Scientific Bulletin of the Politehnica University of Timișoara	https://sc.upt.ro/attachments/article/580/03_05_Pele_02.pdf 10.59168/UDOL7818	Politehnica	Timisoara	2021	ISSN: 1583-7467
949	Pele Andreea	Translators as Professional Communicators	Professional Communication and Translation Studies Vol. 16	https://www.cceol.com/search/article-detail?id=1232736	Politehnica	Timisoara	2023	ISSN 2065-099X
950	Penteliuc-Cotosman Luciana	D'une crise à l'autre. Remarques sur la conceptualisation métaphorique de la (perma)crise	PROFESSIONAL COMMUNICATION AND TRANSLATION STUDIES Volume 16	https://doi.org/10.59168/1fhi7273	Editura Politehnica	Timisoara	2023	ISSN 2065-099X
951	Penteliuc-Cotosman Luciana	Le langage du secteur de la beauté : Un défi pour le traducteur spécialisé	PROFESSIONAL COMMUNICATION AND TRANSLATION STUDIES Volume 15	https://doi.org/10.59168/okvu9286	Editura Politehnica	Timisoara	2022	ISSN 2065-099X
952	Penteliuc-Cotosman Luciana	La traduction publicitaire à l'ère du digital : du transcodage linguistique à la transcréation	PROFESSIONAL COMMUNICATION AND TRANSLATION STUDIES Volume 13	https://doi.org/10.59168/exut1190	Editura Politehnica	Timisoara	2020	ISSN 2065-099X
953	Pop Mirela-Cristina, Popescu Mihaela	Du français de spécialité au français professionnel : essai de définition des concepts	6th International Scientific Conference Communication, Contexte, Interdisciplinarity, Paths of Communication in Postmodernity		Editura Arhipelag XXI	Târgu Mureș	2020	978-606-8624-00-6
954	Pop Mirela-Cristina	Practices of learning a foreign language for communication purposes at university level: the case of French language	EDULEARN2020 Proceedings	10.21125/edulearn.2020.0818	IATED	Palma de Majorca	2020	978-84-09-17979-4

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955	Pop Mirela-Cristina	Management of international research projects in a virtual context: the METATRADUTECH project case study	INTED2022 Proceedings	10.21125/inted.2022.2197	IATED		2022	978-84-09-37758-9
956	Pop, Mirela-Cristina	Structures phraséologiques récurrentes dans les textes économiques français : repères pour la traduction en roumain	Stéréotypes et clichés,		Editura Universitaria	Craiova	2022	978-606-14-1836-7
957	Suciu, Lavinia, Berzovan, Mircea	La (re)construction du sens, entre verbal et visuel. Sur l'accessibilité visuelle du discours, prezentată la CIA 2023 International Conference, 9-11th November 2023, „Alexandru Ioan Cuza” University of Iași, Romania	The power of dialogue in the globalized world. Language and discourse,		Arhipelag XXI Press	Tirgu Mureș	2024	978-606-93691-3-5
958	Suciu Lavinia	L'éducation actuelle et le défi de l'interdisciplinarité, lucrare prezentată la International Congress „Teaching for the Future” (23 et 24 avril 2022)	University Governance, Proceedings of the International Congress „Teaching for the Future” (23 et 24 avril 2022)		Comares	Granada	2022	978-84-1369-354-5
959	Suciu Sorin	The ethical altruism and the spirit of capitalism	Professional Communication and Translation Studies 13		Politehnica	Timișoara	2020	2065-099X
960	Suciu Sorin	Philosophy and Engineering	Professional Communication and Translation Studies 14		Politehnica	Timișoara	2021	2065-099X
961	Suciu Sorin	Ethical dimensions of visual communication through photography	Professional Communication and Translation Studies 15		Politehnica	Timișoara	2022	2065-099X
962	Suciu Sorin	Corporate Social Responsibility. A matter of ethics?	Professional Communication and Translation Studies 17		Politehnica	Timișoara	2024	2065-099X
963	Suciu Sorin	Deepfake and Media Ethics	The Scientific Bulletin of the Politehnica University of Timișoara, 23		Politehnica	Timișoara	2024	1583-7467
964	Ruthner, Andreea	Upgrading Translation and Interpreting Studies through culturally responsive and sustaining teaching strategies for Romanian students	EDULEARN21 Proceedings	doi : 10.21125/edulearn.2021	IATED	on-line	2021	978-84-09-31267-2
965	Ruthner, Andreea	The impact of the Intercultural Communicative Competence on Translation and Interpreting Studies. A study on Romanian students	EDULEARN21 Proceedings	doi : 10.21125/edulearn.2021	IATED	on-line	2021	978-84-09-31267-2
966	Crisanta-Alina Mazilescu, Doru Constantin, Felicia Banciu	Perception de la qualité de l'air dans les voitures : impact des niveaux de CO2 et de la circulation de l'air	Les Actes du Symposium de la Recherche Scientifique Francophone en Europe Centrale et Orientale 27 et 28 novembre 2023		Editura Academiei Oamenilor de Știință din România (Maison d'édition de l'Académie Roumaine des Scientifiques) et Editura Tehnică (Maison d'édition Technique)	Bucarest, 2024	2024	ISSN 3061 - 2543 ISSN-L 3061 - 2543
967	Robescu, D., Boatca, M. E., Draghici, A., & Mazilescu, A	Innovative pedagogical solutions for engineering education-best practices for Education 4.0	EDULEARN23 Proceedings	10.21125/edulearn.2023.0218	IATED	Palma, Spain	2023	ISBN: 978-84-09-52151-7 ISSN: 2340-1117
968	Mihaela-Giorgiana Varga, Andreea Luciana Rata	The effect of a group exercise program on functional performance of patience with moderate knee osteoarthritis, Romanian Association of Balneology	Romanian Association of Balneology, Balneo Research Journal	DOI:10.12680/balneo.2020.369			2020	ISSN 2069-7597
969	Strava Cristian Cosmin, Varga Mihaela Giorgiana	Evaluating the Level of Perceived Stress on Physical Education and Sports Teachers from Timiș County, Romania, at the Beginning of the School Year, in the Context of COVID-19 Pandemic	FEFSTIM: Physical Education, Sports and Kinesiotherapy – implications in quality of life	WOS:000682773700008			2020	ISBN 979-12-80225-05-4
970	Sarbu Elena, Varga Mihaela, Rata Andreea	Work-related musculoskeletal complaints in massage practitioners	Journal: PubMed, vol. ID35253694	DOI: 10.3233/WOR-205306			2022	ISSN1051-9815
971	Sarbu Elena, Serban Gligor, Varg Mihaela-Giorgiana, Puta Tiberiu	The Effect of a Physical Therapy Intervention Program on Balance, Postural Stability and Fall Prevention in Patients with Osteoporosis	Health Fitness	DOI: 10.26352/GY04_HEAL TH_FITNESS_2022	Filodiritto Editore - Proceedings	Craiova	2022	

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972	Lăzureanu Cristian, Căplescu Cristiana	Stabilization of the T system by an integrable deformation	ITM Web of Conferences 34, 03009, Third ICAMNM			Craiova	2020	
973	R. Chattopadhyay, M. S. Islam, I. Boldea, I. Husain	FEA Characterization of Bi-Axial Excitation Machine for Automotive Traction Applications,	2021 IEEE International Electric Machines & Drives Conference (IEMDC)	10.1109/IEMDC47953.2021.9449514	IEEEExplore	Hartford, CT, USA	2021	
974	D. Luo, W. Xu, X. Xiao and I. Boldea	Three Dimensional Magnetic Equivalent Circuit Analysis of the Modified Homopolar Linear Synchronous Machine	13th International Symposium on Linear Drives for Industry Applications (LDIA)	10.1109/LDIA49489.2021.9505945	IEEEExplore	Wuhan, China	2021	
975	L. Bai, W. Xu, X. Li, I. Boldea	Electromagnetic Analysis of a Springless Linear Oscillatory Machine based on Equivalent Magnetic Circuit	14th International Symposium on Linear Drives for Industry Applications (LDIA)	10.1109/LDIA49489.2021.9505836	IEEEExplore	Wuhan, China	2021	
976	A. -, D. Martin, L. -. D. Vitan, I. Torac, L. -. Tutelea, I. Boldea	BEGA-biaxial excitation generator - operation for constant diode dc output voltage with 3,6,9 phases for increased redundancy	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590034	IEEEExplore	Brasov, Romania	2021	
977	L. . -. D. Vitan, A. . -. D. Martin, L. Tutelea and I. Boldea	Supercapacitor City Minibus Propulsion System Simulations, Methodology, and Case Study	2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania	10.1109/OPTIM-ACEMP50812.2021.9590081	IEEEExplore	Brasov, Romania	2021	
978	M. Vidlak, S. Agarlita and I. Boldea	MTPA Control Strategy for ALA Rotor SynRM Based on Reactive and Apparent Power Calculation under Sensorless V/f Control with Stabilization	2023 International Conference on Electrical Drives and Power Electronics (EDPE)	10.1109/EDPE58625.2023.10274027	IEEEExplore	The High Tatras, Slovakia,	2023	
979	S. -C. Agarlita, A. -S. Isfanuti, I. Boldea	Active Flux based control of ALA Rotor SynRel with MTPA, Maximum Power Factor and Maximum Torque per Flux	International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2023 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM),	10.1109/ACEMP-OPTIM57845.2023.10287052	IEEEExplore	Istanbul, Turkiye	2023	
980	L. Huang, C. Wu, D. Zhou, F. Blaabjerg, I. Boldea and S. He	A Decomposed Two-Port Network Impedance Modeling Method of Type-3 Wind Generation System with Grid-Forming Control	IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCE53617.2023.10362378	IEEEExplore	Nashville, TN, USA	2023	
981	D. D. Patel, I. Boldea, B. Fahimi	Bonded Nd-PM Claw-Pole Synchronous Motor Drive for Traction Applications: Benefits and Challenges	2023 IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCE53617.2023.10362865	IEEEExplore	Nashville, TN, USA	2023	
982	A. Mohammadi, Y. Chulace, A. M. Cramer, I. Boldea, D. M. Ionel	Parameter Identification, Non-linearity, and Harmonic Effects in a Vernier Machine of the MAGNUS Type	2024 IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCE53617.2023.10362809	IEEEExplore	Nashville, TN, USA	2023	
983	K. M. Namburi, P. Pramod, I. Boldea, I. Husain	Dynamic Current Control of Rare Earth Free Biaxial Excitation Synchronous Machines	IEEE Energy Conversion Congress and Exposition (ECCE)	10.1109/ECCE55643.2024.10861289	IEEEExplore	Phoenix, AZ, USA	2024	
984	Anamaria Baci, Sorina Motoc (m. Ilies), Florica Manea	ENHANCED ELECTROCHEMICAL DETECTION OF ANTI-INFLAMMATORY PHARMACEUTICALS FROM WATER USING ADVANCED VOLTAMMETRIC DETECTION METHODS	PROCEEDINGS OF THE 27th International Symposium on Analytical and Environmental Problems	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www2.sci.u-szeged.hu/isacp/index_html_files/Proceedings_ISAEP_2021.pdf	University of Szeged, H-6720 Szeged, Dugonics tér 13, Hungary	Szeged	2021	978-963-306-835-9
985	Diana N. Avram, Corneliu M. Davidescu, Mircea L. Dan, Julia C. Mirza Rosca, Iosif Hulka, Elena M. Stanciu, Alexandru Pascu	Corrosion resistance of NiCr(Ti) coatings for metallic bipolar plates	13th International Conference on Materials Science & Engineering	https://doi.org/10.1016/j.matpr.2022.10.051	Elsevier	Amsterdam	2023	2214-7855

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986	Aleksa Milovanović, Matteo Montanari, Zorana Golubović, Mihai P. Mărghitaș, Andrea Spagnoli, Roberto Brighenti, Aleksandar Sedmak	Compressive and flexural mechanical responses of components obtained through mSLA vat photopolymerization technology	Fracture and Additively Manufactured Materials	https://doi.org/10.1016/j.tafmec.2024.104406	Elsevier		2024	
987	Liviu Marșavina, Cristina Vălean, Mihai Mărghitaș, Emanoil Linul, Nima Razavi, Filippo Berto, Roberto Brighenti	Effect of the manufacturing parameters on the tensile and fracture properties of FDM 3D-printed PLA specimens	Fracture behavior of additively manufactured materials and structures	https://doi.org/10.1016/j.engfracmech.2022.108766	Elsevier		2022	
988	Roberto Brighenti, Liviu Marsavina, Mihai P. Marghitas, Mattia P. Cosma, Matteo Montanari	Mechanical characterization of additively manufactured photopolymerized polymers	Mechanics of Advanced Materials and Structures	https://doi.org/10.1080/15376494.2022.2045655	Taylor & Francis		2022	
989	Liviu Marsavina, Mihai Marghitas, Estera Vălean	Size effect in PLA and PETG specimens obtained using FDM	23 European Conference on Fracture	https://doi.org/10.1016/j.prostr.2022.12.160	Elsevier		2022	
990	Cristina Vălean, Liviu Marșavina, Mihai Mărghitaș, Emanoil Linul, Nima Razavi, Filippo Berto, Roberto Brighenti	The effect of crack insertion for FDM printed PLA materials on Mode I and Mode II fracture toughness	1st Virtual European Conference on Fracture - VECF1	https://doi.org/10.1016/j.prostr.2020.11.128	Elsevier		2020	
991	Cristina Vălean, Liviu Marșavina, Mihai Mărghitaș, Emanoil Linul, Nima Razavi, Filippo Berto	Effect of manufacturing parameters on tensile properties of FDM printed specimens	1st Mediterranean Conference on Fracture and Structural Integrity, MedFract1	https://doi.org/10.1016/j.prostr.2020.06.040	Elsevier		2020	
992	A. Anghel, C. Povian, F.Frigura Iliasa, M. Frigura Iliasa	SMART UTILITIES MANAGEMENT IN SMART CITIES	2nd International Conference on Heritage and Sustainable Innovation (CoHeSION 2021),	11.12.2021	Timisoara	https://www.cohesion.ro/	2021	
993	C. Povian, A. Anghel, F. Frigura-Iliasa, M. Frigura-Iliasa	DIGITAL IMAGE PROCESSING AND RECOGNITION ALGORITHM	2nd International Conference on Heritage and Sustainable Innovation (CoHeSION 2021),	11.12.2021	Timisoara	https://www.cohesion.ro/	2021	
994	I. Salagean-Mohora, Anghel Anamaria Andreea	New methods for teaching theoretical disciplines. Case study History of Architecture and Fashion Design	INTED 2022, 16th International Technology, Education and Development Conference, 7nd-8th March 2022- Online Conference, Pages: 3163-3170, Publication year: 2022,	doi: 10.21125/inted.2022.0887	IATED	On-Line Conference	2022	ISBN: 978-84-09-37758-9, ISSN: 2340-1079
995	I. Salagean-Mohora, Anghel Anamaria Andreea	Virtual International Collaborations, before and during the Covid19 Pandemic. Case study Romania and Mexico	INTED 2022, 16th International Technology, Education and Development Conference, 7nd-8th March 2022- Online Conference, Pages: 3155-3162, Publication year: 2022,	doi: 10.21125/inted.2022.0886	IATED	On-Line Conference	2022	ISBN: 978-84-09-37758-9, ISSN: 2340-1079
996	Stefania Danila, Cristina Maria Povian, Anamaria Andreea Anghel and Heidi Monroy	Ergonomic Structures in Community Spaces and Public Playgrounds	Conference ErgoWork 2024, 3rd International Conference of the Romanian Society on Ergonomics and Workplace Management, Bucharest, Romania		ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS, MECHANICS AND ENGINEERING (ISSN 1221-5872, emergent ISI Thomson/Clarivate Analytics journal), website here.	Bucharest, Romania	2024	ISSN: 1221-5872
997	Ioana Antonia Tanase, Cristina Maria Povian, Anamaria Andreea Anghel and Camil Octavian Milincu	Ergonomic Principles in Inclusive Design: Addressing the Needs of Visually Impaired and Sighted Users	Conference ErgoWork 2024, 3rd International Conference of the Romanian Society on Ergonomics and Workplace Management, Bucharest, Romania		ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS, MECHANICS AND ENGINEERING (ISSN 1221-5872, emergent ISI Thomson/Clarivate Analytics journal), website here.	Bucharest, Romania	2024	ISSN: 1221-5872

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998	Bădescu, Ș., Danciu, M., Branea, A.M. & Găman, M.S.	Outcomes of International Projects for Sustainable Development of Riverside Territories in Transition.	World Multidisciplinary Civil Engineering - Architecture - Urban Planning Symposium WMCAUS 2022. AIP Conference Proceedings, Vol. 2928,	https://doi.org/10.1063/5.0170997		Praga	2023	978-0-7354-4663-2
999	Danciu, M., Domokos-Pășcu, G. & Bădescu, Ș.	Monitoring and control of just transition in mining regions: Relevant tools.	World Multidisciplinary Civil Engineering - Architecture - Urban Planning Symposium WMCAUS 2022. AIP Conference Proceedings, Vol. 2928,	https://doi.org/10.1063/5.0171439		Praga	2023	978-0-7354-4663-2
1000	A.D. Hapenciu, O. Bănescu	Architectural presence and genius loci. Reimagined	World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium	https://doi.org/10.1063/5.0117618	AIP Conf. Proc. 2574, 030007 (2022)	Praga	2022	
1001	Giurea Diana, Keller Alexandra Iasmina	Digital modeling and 3d print-form-finding exploration for architecture students	INTED2022 Proceedings	10.21125/inted.2022.2095	IATED	Online	2022	978-84-09-37758-9
1002	Giurea Diana	Enriching the formal language for interior design students through the study of spatial geometries	INTED2022 Proceedings	10.21125/inted.2022.1934	IATED	Online	2022	978-84-09-37758-9
1003	Ileana Kisilewicz	Research and conservation of architectural monuments in Bucovina under the attention of the Central-Commission from Vienna - 1853-1918	In quest of truth. Research in architecture		Ozalid	Cluj Napoca	2024	ISSN 3061-4236
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1005	Inna Ostrovsca, Alexandra Frățiman, Ileana Kisilewicz, Simona Pașca	The historical evolution of the urban centers of the historical provinces of Moldova and Bukowina	WMCAUS 2023 MATEC Web of Conferences 396, 11001 (2024)	https://doi.org/10.1051/mateconf/202439611001	Matec Web of Conferences	Praga	2024	eISSN: 2261-236X
1006	Ileana Kisilewicz, Ruxandra Stoica	Why integrate the study of world heritage site into the curricula of architecture schools	COHESION, JAUH, vol 6, 2/2023			Timisoara	2023	2668-2249
1007	Ileana Kisilewicz, Simona Pașca, Inna Ostrovsca	Preservation of architectural creation	WMCAUS 2022	https://doi.org/10.1063/5.0172362	AIP Publishing	Praga	2023	Online ISSN 1551-7616
1008	Ileana Kisilewicz, Simona Pașca, Inna Ostrovsca	Restoration and conservation of architectural heritage and architectural surfaces between execution and analytical research	WMCAUS 2022	https://doi.org/10.1063/5.0172366	AIP Publishing	Praga	2023	Online ISSN 1551-7616
1009	Ileana Kisilewicz	Urban policy – Theoretical, legislative and practical approaches in the field of urban planning in Romania	European spatial planning and landscape Series, no. 118		Council of Europe	Strasbourg	2020	978-92-871-8101-5
1010	Ileana Kisilewicz	The impact of natural climate hazards impact on the restoration of Dragomirna Church	Monument future. Decay and conservation of stone. Proceedings of the 14th international congress on the deterioration and conservation of stone, Gottingen, Germania		Mitteledeutscher Verlag GmbH	Halle (Salle)	2020	978-3-96311-172-3
1011	Oana Tiganea, Domokos-Pășcu Gabriela, Ovidiu Micsa	Photography as a Tool for Industrial Heritage Research, Acknowledge, and Social Engagement. The case study of Anina (Romania)	Patrimoines en tension, les paysages industriels		APIC	Troyes	2022	978-2-9521332-7-2
1012	Milincu, Camil Octavian; Racolta, Andrei; Tudoran, Otilia Alexandra	REPAIR POSSIBILITIES FOR MELAMINE FACED CHIPBOARD	Vol.20	DOI:10.5593/sgem2020/6T/s27.080	International Multidisciplinary Scientific GeoConference : SGEM	Sofia	2020	Iss. 6.1, (2020).
1013	Marius Mosoarca, Iasmina Onescu, Alexandru Mosoarca	Sustainability in the strengthening process of the load-bearing historical structures	Proceedings of the 8th World Multidisciplinary Civil Engineering - Architecture - Urban Planning Symposium	https://doi.org/10.1051/mateconf/20243962007	MATEC	Prague	2024	978-171-3897-98-9
1014	Anca Popa, Andreea Anghel, Iasmina Onescu, Marius Mosoarca	A multidisciplinary investigation of the Konopi Mansion in Odvos, Romania	Proceedings of the 8th World Multidisciplinary Civil Engineering - Architecture - Urban Planning Symposium	https://doi.org/10.1051/mateconf/20243962006	MATEC	Prague	2024	978-171-3897-98-9
1015	Iasmina Onescu, Eugen Onescu, Marius Mosoarca	Application of hazard risk methodology on historical built environment in Timisoara	Computation Methods in Structural Dynamics and Earthquakes Engineering COMPDYN	https://doi.org/10.7712/120123.10593.20454	ECCOMAS Proceedia	Athens	2023	978-618-5827-01-4

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1016	Anna Lo Monaco, Nicola Grillanda, Iasmina Onescu, Mihai Fofiu, Francesco Clementi, Michele D'Amato, Antonio Formisano, Gabriele Milani, Marius Mosoarca	Seismic response of historical masonry churches: The case of the Banat Romanian region	Computation Methods in Structural Dynamics and Earthquakes Engineering COMPDYN	http://doi.org/10.7712/120123.10510.20637	ECCOMAS Proceedia	Athens	2023	978-618-5827-01-4
1017	Eugen Onescu; Iasmina Onescu; Marius Mosoarca; Alexandru Ion	Case study of the seismic vulnerability of a historical building in Timisoara, Romania	5th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS	https://doi.org/10.1063/5.0170998	IOP	Prague	2023	978-171-3847-85-4
1018	Iasmina Onescu, Eugen Onescu, Marius Mosoarca	Seismic risk analysis for historic areas. Case study: Fabric district, Timisoara European Capital of Culture 2022	Proceedings of the 3rd European Conference on Earthquake Engineering & Seismology		CONSPRESS	Bucharest	2022	978-973-100-533-1
1019	Eugen Onescu; Iasmina Onescu; Marius Mosoarca;	Optimization of empirical seismic vulnerability assessment for masonry buildings following nonlinear analysis	Computation Methods in Structural Dynamics and Earthquakes Engineering COMPDYN	https://doi.org/10.7712/120121.8510.19449	ECCOMAS Proceedia	Athens	2021	978-618-85072-5-8
1020	Păscotescu Alexandra	Centrul Georges Pompidou	Sub semnul integrării arhitecturale		Editura Universitară "Ion Mincu"	București	2021	978-606-638-227-4
1021	Păscotescu Alexandra	Architectural ideation in the age of digital drawing	Publicația conferinței internaționale QUESTIONS			Cluj-Napoca	2022	978-606-737-659-3
1022	Povian Cristina Maria, Andrada Iulia Ienciu	THE CONTRIBUTION OF UNIVERSITY RESEARCH IN THE DEVELOPMENT OF HORTICULTURE PRODUCTION	Intend 2021 Proceedings, page:3465-3471, 2021, ISBN: 978-84-09-27666-0, ISSN: 2340-1079, Conference name: 15th International Technology, Education and Development Conference, Dates: 8-9 March, 2021, Location: online conference, Doi: 10.21125/inted.2021.0720	10.21125/inted.2021.0720	IATED	online conference	2021	ISBN: 978-84-09-27666-0, ISSN: 2340-1079
1023	Povian Cristina Maria	REMOTE LEARNING AND TEACHING METHODOLOGIES IN NORWAY AND ROMANIA	Intend 2021 Proceedings, page: 655-661, 2021, ISBN: 978-84-09-27666-0, ISSN: 2340-1079, Conference name: 15th International Technology, Education and Development Conference, Dates: 8-9 March, 2021, Location: Online Conference, doi: 10.21125/inted.2021.0164	10.21125/inted.2021.0164	IATED	online conference	2021	ISBN: 978-84-09-27666-0, ISSN: 2340-1079
1024	Ioana Daniela Cotuna, Cristina Maria Povian	RESTORING THE SPIRIT OF THE PLACE IN THE OLD INTERWAR BUILDINGS, REFUNCTIONALIZED IN THE COMMUNIST AND POST-COMMUNIST PERIOD	International Conference on Heritage and Sustainable Innovation (CoHeSION 2018), Timisoara, Romania- 17 oct.2018, Journal of Architecture, Urbanism and Heritage, Vol III- Nr.1/2020, pag 33-44, Editura Politehnica		Politehnica	Timișoara	2020	ISSN 2668-2249
1025	Racolta Andrei, Anghel Andreea, Milincu Camil, Povian Cristina	Mapei Colours Competition	COHESION, Conference on Heritage and Sustainable Innovation		Politehnica	Timișoara	2023	2668-2249
1026	Povian Cristina Maria	ARCHITECTURAL STRATEGIES FOR CHILDREN WITH SPECIAL EDUCATIONAL NEEDS	7th International Conference on Education and Social Sciences, Dubai, INTCESS 2020			Dubai	2020	ISBN: 978-605-82433-8-5
1027	Povian Cristina Maria	ALTERNATIVE METHODS OF TEACHING INTERIOR DESIGN STYLISTICS	7th International Conference on Education and Social Sciences, Dubai, INTCESS 2020			Dubai	2020	ISBN: 978-605-82433-8-5
1028	Povian Cristina Maria	THE ARCHITECTURAL PERCEPTION AND THE MAIN FACTORS THAT CAN INFLUENCE IT	14 th International Technology, Education and Development Conference, Valencia, Spania, INTEND 2020			Valencia	2020	ISBN: 978-84-09-17939-8/ISSN: 2340-1079
1029	Cristina-Maria Povian	THE CARTOONS AN ACTIVE METHOD OF TEACHING FURNITURE STYLING TO STUDENTS AND CHILDREN	INTCESS 2021-8th International Conference on Education and Education of Social Sciences			on-line	2021	ISBN: 978-605-06286-1-6

Listă lucrări prezentate la o manifestare științifică internațională, publicate într-un volum editat cu ISBN (non - WoS)

Nr. crt.	Nume și prenume autori	Titlul lucrării	Titlul volumului	DOI - link	Editura	Localitatea	Anul apariției	ISBN / ISSN
1030	Marina FUMO; Veronica Vitiello; Andrei Racolta; Dimitris Psychogyios; Gigliola D'Angelo	BLENDED INTENSIVE COURSES ERASMUS: NEW SUCCESSFUL EXPERIENCES IN EUROPEAN UNIVERSITIES NETWORKS	INTED Proceedings 2024-03	10.21125/inted.2024.1206	IATED Academy	Valencia, Spain	2024	978-84-09-59215-9
1031	Milincu Octavian Camil, Racolta Andrei, Tudoran Otilia Alexandra	Repair possibilities for melamine faced chipboard	20th International Scientific GeoConference SGEM 2020, Volume20, Book 6.1	10.5593/sgem2020/6T/s27.080	STEF92 Technology Ltd	Albena, Bulgaria	2020	978-619-7603-12-5
1032	I. Mohora, D. Fatoł, M. Metzler, A. Draghici	Proposed home office design solutions to inspire productivity	Proc. of the Engineering Symposium at Banski (ESB 2020), Budapesta		Óbudai Egyetem	Budapesta	2020	978-963-449-225-2
1033	Alma Dia Preda (Hapenciu, Anamaria Andreea Anghel, Irina Mohora	The Poetics of Access Apparatuses in Contemporary Lyric Exhibition Spaces	Proc. 5th World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium (WMCAUS 2020), Praga	10.1088/1757-899X/960/4/042010	IOP Publishing Ltd	Praga	2020	1757-899X
1034	Szitar-Sirbu Mirela, Havași Brîndușa, Bâldea Maja, Tudoran Otilia-Alexandra Sândescu Carmen	Heritage and water. Workshopp for children and architecture students.	Vol.VI	http://www.jauh.ro/index.php/JAUH/issue/view/12/5	Politehnica Publishing House	Timișoara	2023	ISSN 2668-2249
1035	Szitar-Sirbu Mirela	Landscape design for architecture students	16th International Technology, Education and Development Conference, INTED 2022 Proceedings	10.21125/inted.2022.1767	IATED	Valencia	2022	ISSN 2668-2249
1036	Szitar-Sirbu Mirela, Havași Brîndușa; Baldea Maja; Tudoran Otilia-Alexandra	Heritage and water. Workshops for children and architecture students	Vol.VI	http://www.jauh.ro/index.php/JAUH/issue/view/12/5	Journal of Architecture Urbanism and Heritage, Vol.VI – Nr.2/2023	Timisoara	2023	ISSN 2668-2249

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Nr. crt.	Nume și prenume autori	Titlul lucrării invitate / keynote	Titlu conferință	Perioada desfășurării	Localitatea	Link conferință/volum abstracte, dacă este disponibil
1	R.-E. Precup	2-DOF Fuzzy Controller Structures and Nature-Inspired Optimal Tuning	Romanian AI Days	02 - 04.12.2020	Virtual Brasov, Romania	https://days.airomania.eu/previous-editions/brasov2020
2	R.-E. Precup	Fuzzy Controller Structures for Servo Systems	Cycle of Conferences "Horizonte de la Automática y la Robótica más allá de la 4ta. Revolución Industrial (HORIZON-CAR)", Center for Automation and Robotics (CSIC-UPM) of Spanish National Research Council and Technical University of Madrid	18.12.2020	Madrid, Spain	
3	R.-E. Precup	Evolving Fuzzy and Neural Network Models of Finger Dynamics for Prosthetic Hand Myoelectric-based Control	9th IEEE International Conference on e-Health and Bioengineering EHB 2021	18 - 19.11.2021	Iasi, Romania	https://www.ehbconference.ro/2021/Home.aspx
4	R.-E. Precup	Evolving Fuzzy Models and Applications	3rd International Symposium on New Trends in Computational Intelligence ISNTCI 2021	10 - 12.12.2021	Qingdao, China	
5	R.-E. Precup	Evolving Fuzzy Models and Laboratory Applications	23rd INTERNATIONAL CARPATHIAN CONTROL CONFERENCE - ICC'2022	29.05 - 01.06.2022	Sinaia, Romania	https://ace.ucv.ro/iccc2022/speakers.php
6	R.-E. Precup	Evolving Takagi-Sugeno-Kang Fuzzy Models and Applications	International Seminar on Computational Intelligence ISCI'2022	23 - 25.08.2022	Tijuana, Mexico	http://www.hafsamx.org/seminar22/
7	R.-E. Precup	Nature-inspired optimization algorithms applied to fuzzy control, fuzzy modeling and mobile robot navigation	4th International Symposium on New Trends in Computational Intelligence NTCI 2022	15 - 17.12.2022	Qingdao, China	
8	R.-E. Precup	Metaheuristic Algorithms and their Applications to Fuzzy Control, Fuzzy Modeling and Mobile Robot Navigation	10th User Conference on Advanced Automated Testing UCAAT 2023	14 - 16.11.2023	Timisoara, Romania	https://www.etsi.org/events/2188-2023-11-10th-ucaat-user-conference-on-advanced-automated-testing
9	R.-E. Precup	Evolving Fuzzy Models and Transportation Application	International Semiconductor Conference CAS 2024	9 - 11.10.2024	Sinaia, Romania	https://www.rsc.org/events/detail/78934/international-semiconductor-conference-cas-2024
10	R.-E. Precup	Model-based and model-free low-cost fuzzy controllers	International Seminar on Computational Intelligence ISCI'2024	21 - 22.08.2024	Tijuana, Mexico	http://www.hafsamx.org/seminar24/

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Nr. crt.	Nume și prenume autori	Titlul lucrării invitate / keynote	Titlu conferință	Perioada desfășurării	Localitatea	Link conferință/volum abstracte, dacă este disponibil
11	R.-E. Precup	Metaheuristic Algorithms and Their Application to Fuzzy Control, Fuzzy Modeling, Mobile Robot Navigation, and Finger Dynamics for Prosthetic Hand Myoelectric-Based Control	2024 6th International Conference on Robotics and Computer Vision ICRCV 2024	20 - 22.09.2024	Wuxi, China	https://www.icrcv.org/2024.html
12	R.-E. Precup	Applications of metaheuristic algorithms to fuzzy control and model building, learning-based control, and mobile robot navigation,	15th European Symposium on Computational Intelligence and Mathematics ESCIM 2024	12 - 15.05.2024	Krakow, Poland	http://escim2024.uca.es/wp-content/uploads/Book_of_abstracts_ESCIM_2024.pdf
13	R.-E. Precup	Metaheuristic Algorithms and their Applications to Fuzzy Control, Fuzzy Modeling and Learning-based Control	9th International Conference on Control and Optimization with Industrial Applications COIA 2024	27 - 29.08.2024	Istanbul, Turkey	http://www.coia-conf.org/en/view/index/
14	Oana Boncalo, Alexandru Amaricai	Real Number Gradient Descent Decoding for Fault Tolerant Linear DSP Transforms	5th ESA FPGA SPACE Users Workshop	14 - 16.03.2023	Noordwijk, Olanda	https://indico.esa.int/event/439/timetable/?view=standard
15	Udrescu, Mihai	From Quantum Computing to Complex Networks: Addressing Tough Questions in Biological and Social Systems	Center for Cyber-Physical Systems and Internet of Things and Ming Hsieh Institute Seminar	27.01.2020	Los Angeles	https://viterbi.usc.edu/news/events/calendar/?date=01/27/2020
16	Udrescu, Mihai	Turning the Tables in Hybrid Classical-Quantum Systems—Classical Optimization of Quantum Algorithms: Plenary Talk	2024 IEEE 18th International Symposium on Applied Computational Intelligence and Informatics (SACI)	23 - 25.05.2024	Timisoara	https://ieeexplore.ieee.org/document/10619882
17	Manea Florica	Water and wastewater cycles in the context of the circular (bio)economy: Emerging electrochemical processes for water circularity	The 12th International Conference on Environmental Engineering and Management- Circular Economy and Sustainability , ICEEM12	13 - 16.09.2023	Iasi	https://www.iceem.tuiasi.ro/wp-content/uploads/ICEEM12_Program-04.09.2023_f.pdf

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Nr. crt.	Nume și prenume autori	Titlul lucrării invitate / keynote	Titlu conferință	Perioada desfășurării	Localitatea	Link conferință/volum abstracte, dacă este disponibil
18	Ion BURCĂ, Karina-Bianca DINEȘ, Valentin BADEA	ATROPISOMERISM IN S-ALKYLATED 4,5-DIARYL-4H-1,2,4-TRIAZOLE-3-THIOLS OBSERVED BY NMR	23rd CEUM Central and Eastern European NMR Symposium and Bruker Users Meeting	13 - 15.09.2023	Prague, Czech Republic	http://ceum2023.uochb.cas.cz/presenters.php
19	Marius Adam, Mihai Cîncă, Tokar Adriana, Pacurar Cristian, Calin Sebarchevici	“Scientific research on the efficiency of the ventilation system used in an industrial building. Experimental measurements and solution proposal.”	Building services and Environmental comfort	20 - 21.05.2021	TIMISOARA	https://aiir-timisoara.ro/conferinta-a-30-a-instalatii-pentru-construcii-si-confortul-ambiental-timisoara/
20	Alexandru Dorca, Adriana Tokar, Marius Adam, Danut Tokar, Daniel Munteanu	“A comparative evaluation of floor heating systems performance”	Building services and Environmental comfort	10 - 11.04.2024	TIMISOARA	https://www.aiiro.ro/evenimente/conferinte/-546.html
21	Danut Tokar, Adriana Tokar, Daniel Munteanu, Daniel Bisorca, Alexandru Dorca, Marius Adam	“Optimization of wind energy conversion systems”	Building services and Environmental comfort	10 - 11.04.2024	TIMISOARA	https://www.aiiro.ro/evenimente/conferinte/-546.html
22	Simona Popa-Albu, Adriana Tokar, Adrian Țenchea	STUDY ON THE ECONOMIC PROFITABILITY OF THE PRESSURE CONTROL DEVICES IN WATER SUPPLY NETWORKS	World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium	01 - 05.09.2020	Praga	Abstract book disponibil
23	Danut Tokar, Adriana Tokar, Adrian Tenchea, Alexandra Rusen	EXPERIMENTAL STAND FOR THE STUDY OF ELECTRIC GRAVITATIONAL CONVERSION	World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium	01 - 05.09.2020	Praga	Abstract book disponibil
24	Mihaela Pișleagă, Adriana Tokar Codruța Bădăluță-Minda	UNDERSTANDING OF CLIMATE CHANGE FROM THE ENGINEER'S PERSPECTIVE	World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium	01 - 05.09.2020	Praga	Abstract book disponibil

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25	Marius Adam, Mihai Cinca, Tokar Adriana, Pacurar Cristian, Calin Sebarchevici	Scientific research on the efficiency of the ventilation system used in an industrial building. Experimental measurements and solution proposal.	Building Services and Environmental Comfort	20.05.2021	Online Timișoara	https://aiir-timisoara.ro/conferinta-a-30-a-instalatii-pentru-constructii-si-confortul-ambiental-timisoara/
26	Adriana Tokar	Prezentarea volumului de lucrări pentru conferință	Building Services and Environmental Comfort	28.04.2022	Online Timișoara	https://www.aiirtransilvania.ro/wp-content/uploads/2022/04/Anunt-pentru-Conferinta-a-XXXI-a-AIIR-Banat-Timisoara-28-Aprilie-2022-v2.pdf
27	Daniel MUNTEAN, Dănuț TOKAR, Adriana TOKAR, Daniel BISORCA, Alexandru DORCA	Solutions for the energy efficiency of buildings located near watercourses through SRE integration. Case Study	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
28	Daniel BISORCA, Adriana TOKAR, Dănuț TOKAR, Daniel MUNTEAN	Solutions for the energy efficiency of buildings located near watercourses through SRE integration. Case Study	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
29	Daniel BISORCA, Adriana TOKAR, Dănuț TOKAR, Daniel MUNTEAN	Challenges and advantages in recovering waste energy from flue gases from biomass boilers	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
30	Dănuț TOKAR, Adriana TOKAR, Daniel MUNTEAN, Daniel BISORCA, Alexandru DORCA, Marius ADAM	Optimization of wind energy conversion systems	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491

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31	Alexandru DORCA, Adriana TOKAR, Marius ADAM, Dănuț TOKAR, Daniel MUNTEAN	A comparative evaluation of floor heating systems performance	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
32	Daniel MUNTEAN, Dănuț TOKAR, Adriana TOKAR, Daniel BISOARCA, Alexandru DORCA	Solutions for the energy efficiency of buildings located near watercourses through SRE integration. Case Study. Soluții pentru eficiența energetică a clădirilor situate în apropierea cursurilor de apă prin integrarea SRE. Studiu de caz	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
33	Daniel MUNTEAN, Dănuț TOKAR, Adriana TOKAR, Daniel BISOARCA, Alexandru DORCA	Solutions for the energy efficiency of buildings located near watercourses through SRE integration. Case Study	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
34	Daniel BISOARCA, Adriana TOKAR, Dănuț TOKAR, Daniel MUNTEAN	Solutions for the energy efficiency of buildings located near watercourses through SRE integration. Case Study	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
35	Daniel MUNTEAN, Dănuț TOKAR, Adriana TOKAR, Daniel BISOARCA, Alexandru DORCA	Solutions for the energy efficiency of buildings located near watercourses through SRE integration. Case Study. Soluții pentru eficiența energetică a clădirilor situate în apropierea cursurilor de apă prin integrarea SRE. Studiu de caz	Building Services and Environmental Comfort	10 - 11.04.2024	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
36	Cristian Pacurar , Adriana Tokar , Marius Adam	Indoor climate influence related human performance. Case Study	Building Services and Environmental Comfort	04 - 05.05.2023	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491

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37	Adriana Tokar, Dănuț Tokar, Marius Adam, Cristian Pacurar ,Daniel Muntean, Catalin Dragota	Considerations for limiting the contribution of buildings to climate change through efficient energy use	Building Services and Environmental Comfort	04 - 05.05.2023	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
38	Marius Adam, Adriana Tokar, Dănuț Tokar, Cristian Pacurar	The influence of filters in the structure of air treatment plants units (ATP) on energy efficiency	Building Services and Environmental Comfort	04 - 05.05.2023	Timișoara	Volum disponibil Editura Matrix Rom ISSN 1842-9491
39	Ungureanu Viorel	Experimental and numerical investigations on the buckling resistance of thin-walled cold-formed steel back-to-back plain and lipped channels in bending	STABILITY OF STRUCTURES, the XVII-TH SYMPOSIUM	18 - 21.09.2024	Zakopane, Poland	
40	Ungureanu Viorel	Recent research developments on built-up cold-formed steel beams with corrugated webs	STABILITY OF STRUCTURES, the XVITH SYMPOSIUM	06 - 07.06.2022	Łódź, Poland	
41	Ungureanu Viorel	Basic design rules and procedures for cross-sections	International Training School on Light Weight Steel Framed Constructions	07 - 11.10.2024	Naples, Italy	https://www.steelconstruct.com/events/event/international-training-school-on-lightweight-steel-framed-constructions-naples-oct24/
42	Ungureanu Viorel	Basic design rules and procedures for members and connections	International Training School on Light Weight Steel Framed Constructions	07 - 11.10.2024	Naples, Italy	https://www.steelconstruct.com/events/event/international-training-school-on-lightweight-steel-framed-constructions-naples-oct24/
43	Ungureanu Viorel	Basic design rules and procedures according to EN 1993-1-3	Webinar on Design of Cold-Formed Steel Structures	10.06.2021	on-line	

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44	Ungureanu Viorel	Basic design rules and procedures according to EN 1993-1-3	Webinar on Design of Cold-Formed Steel Structures	22.06.2021	on-line	
45	Ungureanu Viorel	Sustainable benefits of cold-formed steel construction	Webinar on Design of Cold-Formed Steel Structures	01.07.2021	on-line	
46	Ungureanu Viorel	Session 2: Circular Materials - Steel	CircularB 1st Training School: "Circularity strategies and best practices for new and existing buildings"	27 - 31.05.2024	Timisoara, Romania	https://circularb.eu/activities/1st-circularb-training-school-circularity-strategies-and-best-practices-for-new-and-existing-buildings/
47	Dan Dubina, Florea Dinu	Seismic Resilience of Multi-story Dual-Steel Building Frames	The 3rd European Conference on Earthquake Engineering and Seismology (3ECEES)	04 - 09.09.2022	Bucharest	https://utcb.ro/en/a-treia-editie-a-conferintei-europene-de-inginerie-seismica-si-seismologie-3eceed/
48	Dan Dubina, Florea Dinu, Aurel Stratan	High Strength Steel and Fuse Dissipative Solutions for Seismic Resistant Building Structures	The 9th European Conference on Steel and Composite Structures	01 – 03.09.2021	Sheffield	https://onlinelibrary.wiley.com/doi/10.1002/stco.202070303
49	Mercioni Marina Adriana	Inteligența artificială în medicina	The Summer School "Ethical Dilemmas in Healthcare: Current and Future Perspectives"	11 – 13.07.2024	Timisoara	
50	Birau Georgiana-Alexandra Ioana-Monica Pop-Calimanu Dan Lascu	A New Step-up/down DC-DC Converter	International Symposium on Electronics and Telecommunications, ISETC 2024	07 - 08.11.2024	Timisoara, Romania	https://ieeexplore.ieee.org/document/10797252
51	Duma Virgil-Florin	A novel, graphical method to analyze optical scanners with Risley prisms	Infrared Remote Sensing and Instrumentation XXIX (SPIE Optics + Photonics) [ISI]	01 – 05.08.2021	San Diego, USA	https://doi.org/10.1117/12.2599186
52	Duma Virgil-Florin	Optical choppers with disks, with an insight in biomedical applications	2nd Int. Advanced Conf. on Condensed Matter & Low Temp. Physics (CMLTP-Speakers)	06 - 12.06.2021	Kharkiv, Ukraine	https://www.ilt.kharkov.ua/cmltp2021/speakers.html

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53	Duma Virgil-Florin	Optical Coherence Tomography versus Scanning Electron Microscopy in the Assessment of Metallic Fractures	Mexican Optics and Photonics Meeting, on-line	18 - 20.11.2021	on-line, Mexico	https://photonics-mexico.com/mopm2021/index.php/speakers
54	Duma Virgil-Florin	Laser scanners with rotational Risley prisms: A graphical method to determine and study exact scan patterns	8th Int. Conf. on Antennas and Electromagnetic Systems (AES)	24 - 27.05.2022	Marrakesh (Morocco)	https://aes22.aesconference.org/files/aes22_proceedings.pdf
55	Duma Virgil-Florin	1D and 2D galvanometer scanning: Multi-parameter analysis and optimization	Infrared Remote Sensing and Instrumentation XXX (SPIE Optics and Photonics)	21 - 26.08.2022	San Diego, USA	https://doi.org/10.1117/12.2634221
56	Duma Virgil-Florin	Symmetry aspects of patterns produced by optical scanners with Risley prisms	9th Int. Conf. on Antennas and Electromagnetic Systems (AES)	05 - 08.06.2023	Torremolinos (Spain)	https://aesconference.org/AES23/index.php/AES/invited
57	Duma Virgil-Florin	Theory, simulations and experiments of laser scanning with rotational Risley prisms	3rd Int. Adv. Conf. on Condensed Matter & Low Temp. Phys. (CMLTP)	05 - 11.06.2023	Kharkiv (Ukraine)	https://ilt.kharkov.ua/cmltp2023/speakers.html
58	Duma Virgil-Florin	Optical Coherence Tomography (OCT)-seeing beneath the (sample) surface	COST CA21159 PhoBioS Workshop on Photonic structure in Arctic environment (Training school Spitsbergen – lightbiosurface.com), University Centre in Svalbard (UNIS)	23 - 25.04.2024	Svalbard, Denmark	https://lightbiosurface.com/training-school-spitsbergen/
59	Duma Virgil-Florin	Analysis, design, and applications of polygon mirror-based laser scanners	4th Int. Adv. Conf. on Condensed Matter & Low Temp. Phys. (CMLTP 2024)	03 - 07.06.2024	Kharkiv (Ukraine)	https://www.ilt.kharkov.ua/cmltp2024/speakers.html
60	Duma Virgil-Florin	Optical Coherence Tomography vs. X-ray imaging for biomedical applications	10th Int. Conf. on Antennas and Electromagnetic Systems (AES 2024)	25 - 28.06.2024	Rome (Italy)	https://aesconference.org/AES24/index.php/AES/invited
61	Duma Virgil-Florin	Study of symmetries of scan patterns generated by laser scanners with a pair of rotational Risley prisms	Infrared Remote Sensing and Instrumentation XXXII (SPIE Optics and Photonics)	18 - 22.08.2024	San Diego, CA (USA)	https://doi.org/10.1117/12.3029947

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62	Mușuroi Sorin	Low-cost ferrite permanent magnetassisted synchronous reluctance rotor: An alternative solution for rare earth permanent magnet synchronous motors	”Gheorghe Asachi” Technical University of Iasi, Romania 7th International Conference of the Doctoral School	15 - 17.05.2024	Iași	https://conferinta-csd.tuiasi.ro/wp-content/uploads/2024/05/Program-CSD2024_full_Updated_12_mai_cover-1.pdf
63	I. Boldea, A. A. Popa and L. N. Tutelea,	MAGLEVs review 2023	2023 22nd International Symposium on Power Electronics (Ee)	25 - 28.10.2023	Novisad, Serbia	https://ieeexplore.ieee.org/xpl/conhome/10346083/proceeding
64	Pinca-Bretotean Camelia	Thermal fatigue of rolling mill rolls in the context of increasing the durability and sustainability of metallurgical processes	International Conference on Analytical & Interdisciplinary Research (ICAIR-2021)	05 - 06.02.2021	Bhilwara, în statul Rajasthan, India	https://sangamuniversity.ac.in/international-conference-on-analytical-interdisciplinary-research-icair-2021/
65	Birtok Baneasa Corneliu	Power of Creative Mind	International Intership University Inspiring, Inventing, Igniting Young Minds, India	18.08.2022	India	
66	Birtok Baneasa Corneliu	Education Research Success	2nd International Conference on Recent Trends in Multi-Disciplinary Scientific Research, ICRTMSR 2022, Inovative Research in Multidisciplinary Field, IIU, India	01 - 02.09.2022	India	
67	Birtok Baneasa Corneliu	Inovation & Future	2nd International SDG Conference Living Sustainability Transform the World, SDG 9 Industry, Inovation and Infrastructure, International Intership University Inspiring, Inventing, Igniting Young Minds, India	26.09.2022	India	
68	Birtok Baneasa Corneliu	Inovation & Future	2nd International SDG Conference Living Sustainability Transform the World, SDG 8 Decent Work and Economic Growth, 26 sept 2022, International Intership University Inspiring, Inventing, Igniting Young Minds, India	26.09.2022	India	

Listă lucrări invitate/keynote prezentate la o manifestare științifică internațională

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69	Birtok Baneasa Corneliu	Education SDG Future	IIU- YIOS Youth Initiatives on SDGs, 15.01.2023, International Intership University Inspiring, Inventing, Igniting Young Minds, India	15.01.2023	India	
70	Birtok Baneasa Corneliu	Student Education Human Capital	International Day of Education 2023 to Invest in People, Prioritize Education, 24.01.2023, International Intership University Inspiring, Inventing, Igniting Young Minds, India	24.01.2023	India	
71	Birtok Baneasa Corneliu	Creativity and Innovation for a Performance Education	Serbian Academy of Science of Arts	12.04.2023	Belgrad, Serbia	https://www.sanu.ac.rs/en/
72	Birtok Baneasa Corneliu	PREPARING FOR A NEW ERA:INNOVATING, INSPIRING, AND TRANSFORMING LEARNING IN 2025 AND BEYOND	INTERNATIONAL CONFERENCE ON EDUCATION with the theme: "PREPARING FOR A NEW ERA:INNOVATING, INSPIRING, AND TRANSFORMING LEARNING IN 2025 AND BEYOND	29 - 30.12.2024	MANILA, PHILIPPINES	
73	Birtok Baneasa Corneliu	The Future of the Technical-Vocational Education in the Industrial Era 4.0	International Webinar on Technical-Vocational Education 2.0	10.03.2024	MANILA, PHILIPPINES	
74	Anca Draghici, Maria Elena Boatca	ErgoWork Activities and Initiatives in the Last 5 Years (2019 – 2024)	3rd International Conference of the Romanian Society on Ergonomics and Workplace Management	31.10 - 01.11.2024	Bucuresti	https://mpt.upt.ro/ergowork2024/
75	BUT ADRIAN	CNC TRAINING CENTER	IMANEE-2020	2020	GRECIA,ATENA	
76	BUT ADRIAN, CIOBANU MARIUS	CNC TRAINING CENTER IMPLEMENTATION IN POLITEHNICA UNIVERSITY TIMISOARA	InnoCENTA 2024	2024	TIMISOARA	
77	BUT ADRIAN, BUZATU DARIUS	CONCEPT OF A CNC PLASMA CUTTING MACHIN	InnoCENTA 2024	2024	TIMISOARA	
78	Lovasz E.-C.	Mechanism Applications in Robotics	11th International Conference on Machine and Industrial Design in Mechanical Engineering, KOD 2021	10 - 12.06.2021	Novi Sad, Serbia	https://link.springer.com/book/10.1007/978-3-030-88465-9

Listă lucrări invitate/keynote prezentate la o manifestare științifică internațională

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79	Lovasz E.-C.	Dimensional Optimization of the Basic Mechanisms with Translating Driven Element	The XIV-th Conference on Theory of Mechanisms and Machines, TMM 2024	03 - 05.09.2024	Liberec, Czech Republic	https://www.tmm-conf.net/content/files/documents/TMM2024_Programme.pdf https://link.springer.com/book/10.1007/978-3-031-70251-8
80	Marsavina Liviu	Structural Integrity of Plastic Additive Manufactured components	3rd International Conference on Structural Integrity for Offshore Energy Industry, STRUCTURAL INTEGRITY -2021	15 - 16.11.2021	Online	
81	Marsavina Liviu	The assessment of fracture in cellular materials	26th International Conference on Fracture and Structural Integrity	26 - 28.05.2021	Torino	
82	Marsavina Liviu	Structural integrity of components obtained via Selective Laser Sintering	Monitoring of Natural and Technogenic Systems	22 - 24.11.2021	Perm	
83	Marsavina Liviu	Thermoelastic Stress Analysis in Fracture Mechanics	International Summer School on Energy Methods in Fracture and Fatigue	10 - 12.07.2023	Messina	https://www.semfract23.net/home-page
84	Marsavina Liviu	On the integrity of the additive manufactured polymeric components	The Third European Conference on Structural Integrity of Additively Manufactured Materials, ESIAM23	04 - 06.09.2023	Porto	
85	Buglea Ruxandra, Palea Adina	Timișoara Capitală Europeană a Culturii și vorbitorii de limbă germană. O analiză a ofertei culturale vizibilă online	PCTS	2023	Timișoara	chrome-extension://efaidnbmnnibpcajpcglclefindmkaj/https://sc.upt.ro/attachments/article/142/PCTS13%20Program%20+%20Book%20of%20Abstracts_2023_40_SITE..pdf
86	Buglea Ruxandra	Sprachwandel und Gesellschaft. Sprache als Spiegel der Veränderung	PCTS	2023	Timișoara	chrome-extension://efaidnbmnnibpcajpcglclefindmkaj/https://sc.upt.ro/attachments/article/142/PCTS13%20Program%20+%20Book%20of%20Abstracts_2023_40_SITE..pdf

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87	Cismariu (Zepa), Liliana, Hosu, Ioan	Captive in the Online Area	International Students' Conference on Communication	28 - 29.05.2020	Romania, Cluj Napoca	
88	Cismariu, Liliana	Looking for a job online or offline	Conferința Internațională Professional Communication and Translation Studies. Ediția a -XII- a	26 - 27.03.2021	Romania, Timisoara	
89	Cismariu Liliana și Hosu Ioan	Entrepreneurship Between Perception and Pandemic Reality	Conferința internațională în mediul online: Entrepreneurship and Research Conference: digital transformation	28 - 30.03.2022	Romania, Cluj Napoca	
90	Cismariu Liliana	The Connection Between Supply and Demand - the Meeting Place for Entering the Labor Market	International Graduate Conference in Communication	09 - 10.06.2022	Romania, Cluj Napoca	
91	Liliana Cismariu, Ioan Hosu	How could I access the desired job?	The 19th International Scientific Conference eLearning and Software for Education,	27 - 28.04.2023	Romania, București	
92	Liliana Cismariu	Resilience and perceptions of online and offline education by computer science students	The 19th International Scientific Conference eLearning and Software for Education (ELSE)	27 - 28.04.2023	Romania, București	
93	Liliana Cismariu	Antreprenoriatul social, de la idee la nevoi informaționale pentru implementare	Professional Communication and Translation Studies, International Conference 13 th edition	30 - 31.03.2023	Romania, Timisoara	
94	Liliana Cismariu	Community building among Interact volunteers from Timișoara in the year of the Capital of Culture	UNeECC Annual Conference. Impact and Legacy of the European Capitals of Culture Programme	09 - 11.10.2024	Romania, Timisoara	
95	Dejica-Cartis Anca	Online-Publikationen im Bereich der Wirtschaft. Eine kontrastive Analyse: Deutsch-Rumänisch	11. Sommerakademie und Symposium, TRANS 2024	08 - 15.09.2024	Maribor, Slovenia	https://www.erasmusplus.um.si/previous-year-programmes/translation-and-transcreation-in-the-digital-environment-trans-2024/
96	Dejica-Cartis Anca	Second Language Acquisition. The Case of German Language	13th international conference: Language, Literature and Dialogue	24 - 25.05.2024	Belgrad, Serbia	
97	Dejica-Carțiș. Anca	Scientific Principles in Linguistics and Translation Studies (Part II)	International summer school: Language, Communication and Society, University of Naples Federico II, Italy	13 - 18.10. 2024	Napoli, Italia	

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98	Dejica-Carțiș, Anca	Translation und Rezeption der Geschäftskommunikation	10. Sommerakademie und Symposium, TRANS 2023	08 - 15.09.2023	Maribor, Slovenia	https://ff.um.si/wp-content/uploads/program-abstracts-TRANS2023.pdf
99	Dejica-Carțiș, Anca	Auf dem Weg der Fachübersetzung: Wirtschaftstexte im Zeichen der Globalisierung	9. Internationale Sommerakademie und Symposium, TRANS 2022	30.08 - 07.09.2022	Maribor, Slovenia	https://www.um.si/wp-content/uploads/2022/08/TRANS-2022-program.pdf
100	Dejica-Carțiș, Anca	Das Übersetzen von Metaphern in der Wirtschaftssprache: Deutsch und Rumänisch im Vergleich	8. Internationale Sommerakademie und Symposium, TRANS 2021	29 - 30.09.2021	Maribor (Online)	https://ff.um.si/wp-content/uploads/TRANS2021.pdf
101	Dejica, Daniel	An Overview of Translation Theory and Practice from St. Jerome to Crisis Communication	The Sixth ASSE International Conference on British and American Studies Pandemic Metaphors in Language, Literature and Culture, Albanian Society for the Study of English in collaboration with The Department of Foreign Languages, Faculty of Humanities, University of Vlora "Ismail Qemali", Albania	15.06.2022	Vlore	
102	Dejica, Daniel	Translation Studies in the Digital Era. Towards Research that Matters.	11th International Summer Academy in Translation Studies and Conference, Translation and transcreation in the digital environment, University of Maribor	08 - 14.09.2024	Maribor	
103	Șimon, Simona	Overcoming Language Barriers through Accessible Languages	Scientific Session of PhD Candidates in the Field of Humanities and Social Sciences	14 - 15.11.2024	Arad	
104	Stoian, Claudia E.	La importancia de la cultura en la enseñanza y el aprendizaje de lenguas extranjeras	Interdisciplinaritate și bilingvism în predarea limbii române	2024	Madrid	https://www.dropbox.com/scl/fi/juenmuyi3f77imgd23ohj/Plenara.pdf?rlkey=
105	Daniel Chirilă, Elena Claudia Sîrbulescu, Luminița Pîrvulescu, Andrea Feher, Mariana Chirilă	Analysis of the interest rate at the deposits and loans of population households practiced by credit institutions in Romania	Multidisciplinary Conference on Sustainable Development	08 - 09.10.2020	Timișoara	https://www.arls.ro/history

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106	Daniel Chirilă, Mariana Chirilă, Claudia Sîrbulescu	Study Regarding Life Expectancy in Romania	International Conference on Life Science	21 - 22.05.2020	Timișoara	https://www.arls.ro/history
107	Elena Claudia Sîrbulescu, Luminița Pîrvulescu, Andreea Feher, Mariana Chirilă, Daniel Chirilă	Study regarding the loan of non-financial companies	Multidisciplinary Conference on Sustainable Development	23 - 27.05.2022	Timișoara	https://www.arls.ro/history
108	Elena Claudia Sîrbulescu, Simion Alda, Mariana Chirilă, Daniel Chirilă, Ana-Mariana Dincu	Internal macroeconomic developments in Romania	Multidisciplinary Conference on Sustainable Development	25 - 26.05.2023	Timișoara	https://www.arls.ro/history
109	Elena Claudia Sîrbulescu, Simion Alda, Mariana Chirilă, Daniel Chirilă	Evolution of interest rates relating to bank loans and deposits in Romania	Multidisciplinary Conference on Sustainable Development	30 - 31.05.2024	Timișoara	https://www.arls.ro/history
110	Daniel Chirilă, Mariana Chirilă, Claudia Sîrbulescu	Study Regarding Life Expectancy in Romania	International Conference on Life Science	21 - 22.05.2020	Timișoara	https://www.arls.ro/history
111	Elena Claudia Sîrbulescu, Luminița Pîrvulescu, Andreea Feher, Mariana Chirilă, Daniel Chirilă	Study regarding the loan of non-financial companies	Multidisciplinary Conference on Sustainable Development	23 - 27.05.2022	Timișoara	https://www.arls.ro/history
112	Nima Hoda, Lazar Ioana-Claudia	7-location, weak systolicity, and isoperimetry	Cube Complexes and Combinatorial Geometry	21.06 – 03.07.2023	Montreal	https://www.crmath.ca/en/activities/#/type/activity/id/3856
113	Jivulescu Maria, Ion Nechita, Teiko Heinosaari	Order preserving maps on quantum measurements	Xveme Colloque Franco-Roumain de Mathematiques Appliquees	02 - 09.08.2022	Toulouse, Franta	https://15colfrro.sciencesconf.org
114	Jivulescu Maria, Ion Nechita, Teiko Heinosaari	Order preserving maps on quantum measurements	Essquises Summer Schoole, Porquerolles	04 - 08.07.2022	Porquerolles, Franta	https://esquisses2022.sciencesconf.org

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115	Jivulescu Maria, Ion Nechita, Teiko Heinosaari	On random POVMs	Mega program, Henri Poincare Institute	30.06.2023	Paris, Franta	https://www.ceremade.dauphine.fr/dokuwiki/mega:seminaire
116	Jivulescu Maria	On entanglement criteria in Quantum Information Theory	Summer School “Random quantum channels: entanglement and entropies”	08 - 12.07.2024	Centre International de Rencontres Mathématiques (CIRM) in Luminy (near Marseille)	https://conferences.cirm-math.fr/3051.html
117	Jivulescu Maria, Ion Nechita, Cecilia Lancien	Entanglement detection based on projective tensor norms	Random Tensors at Henri Poincare Institute	14 - 18.10.2024	Paris, Franta	https://tensors-2024.sciencesconf.org/resource/page/id/8
118	Jivulescu Maria, Ion Nechita, Cecilia Lancien	Entanglement detection based on projective tensor norms	55th Symposium on Mathematical Physics	21 - 22.06.2024	Torun, Poland	https://fizyka.umk.pl/smp/smp55/
119	Anamaria Baci, Corina Orha, Mina Ionela Popescu, Cornelia Bantas, Aniela Pop, Florica Manea	3-D DIMENSIONALLY STABLE ANODES FOR ADVANCED ELECTROOXIDATION OF CYSTOSTATICS FROM WATER	12th International Conference on Materials Science and Engineering – BraMat 2022	09 - 12.03.2022	Brasov	
120	Anamaria Baci, Sorina Motoc, SorinaClaudia Negrea, Danut Vitan, Corina Orha, Constantin Tudoran, Florica Manea	BORON-DOPED DIAMOND ANODE IN ELECTROCHEMICAL FILTERING SYSTEM FOR ADVANCED WATER TREATMENT	12th INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT, Circular Economy and Sustainability	13 - 16.09.2023	Iasi	
121	M. Szitar-Sirbu, B. Havasi, M. Baldea, O. Tudoran and C. Sandescu	Heritage and water - workshops for children and architecture students	Cohesion	02 - 03.11.2023	Timișoara	https://www.cohesion.ro/http://www.jauh.ro/index.php/JAUH/issue/view/12/5

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122	Ileana Kisilewicz Inna Ostrovsca Simona Danci	Saint George church from Voroneț monastery (Romania). Restoration and preservation of a World Heritage listed monument	50th Anniversary of the world heritage Lessons from the past, today's challenges and future outlook, Cernăuți, Ucraina	decembrie 2022	Cernauti, Ucraina	https://archer.chnu.edu.ua/xmlui/handle/123456789/6724
123	Ileana Kisilewicz	Landscape and public space in Romania	Council of Europe, Strasbourg, European spatial planning and landscape Series, No. 126	iunie 2022	Erevan, Armenia	https://rm.coe.int/national-conference-on-the-implementation-of-the-council-of-europe-land/1680a6e5c9
124	Ileana Kisilewicz	Romania. Urban policy	Council of Europe, Strasbourg, European spatial planning and landscape Series, No. 122	octombrie 2021	Palma de Mallorca, Spania	https://rm.coe.int/council-of-europe-european-landscape-convention-25th-meeting-of-the-wo/1680a43b75
125	Ileana Kisilewicz	Urban policy – Theoretical, legislative and practical approaches in the field of urban planning in Romania	Council of Europe, Strasbourg, European spatial planning and landscape Series, No. 118	octombrie 2020	Lausanne, Elvetia	https://rm.coe.int/23rd-council-of-europe-meeting-of-the-workshops-for-the-implementation/1680a2425f
126	Andreea Anamaria Anghel, Irina salagean-Mohora, Cristina Maria- Povian	Green Interior courtyards in the historical area of Timisoara, intervention strategy and case studies.	International Conference "Think Green. The Culture of Sustainable Urban Development", Small Hall of the Senate, the Rector's Building of the Politehnica University of Timisoara	25.05.2023	Timisoara	https://www.researching.ro/l/think-green-the-culture-of-sustainable-urban-development/
127	Irina salagean-Mohora, Cristina Maria- Povian, Andreea Anamaria Anghel	Green Infrastructure. Urban street trees and interventions. Case studies.	International Conference "Think Green. The Culture of Sustainable Urban Development", Small Hall of the Senate, the Rector's Building of the Politehnica University of Timisoara	25.05.2023	Timisoara	https://www.researching.ro/l/think-green-the-culture-of-sustainable-urban-development/
128	Cristina Maria-Povian, Andreea Anamaria Anghel, Irina salagean-Mohora	Vertical gardening as a method of sustainable urban development.	International Conference "Think Green. The Culture of Sustainable Urban Development", Small Hall of the Senate, the Rector's Building of the Politehnica University of Timisoara	26.05.2023	Timisoara	https://www.researching.ro/l/think-green-the-culture-of-sustainable-urban-development/

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129	C.Povian	THE TRADITIONAL ROMANIAN STOOL AND THE CONTEMPORARY DESIGN TRENDS	Conferința Științifică Internațională- 'Cultural Heritage of Yesterday- Contribution to the Development of a Sustainable Society of Tomorrow', Iași- Chișinău, Republica Moldova	27 - 28.09.2022	Iași-Chișinău	https://www.moldova-independenta.md/volumul-patrimoniul-cultural-de-ieri-implicatii-dezvoltarea-societatii-de-maine-yesterdays-cultural
130	Ioana Antonia Tănase, Cristina-Maria Povian	Green spaces in romanian state hospitals: innovative integration of mobile panels with plants to accelerate recovery	Conferința Internațională "Yesterday s heritage-implications in the development of tomorrow s society (IXth edition)", Iași-Chișinău-Lviv	08 - 09.02.2024	Iași-Chișinău	https://www.moldova-independenta.md/volumul-patrimoniul-cultural-de-ieri-implicatii-dezvoltarea-societatii-de-maine-yesterdays-cultural
131	Ștefania Dănilă, Cristina-Maria Povian	The women pioneers of design and multitasking – a evolution in design over the last century `till today	Conferința Internațională "Yesterday s heritage-implications in the development of tomorrow s society (IXth edition)", Iași-Chișinău-Lviv	08 - 09.02.2024	Iași-Chișinău	https://www.moldova-independenta.md/volumul-patrimoniul-cultural-de-ieri-implicatii-dezvoltarea-societatii-de-maine-yesterdays-cultural
132	Maria Adela Sgîrcea, Cristina-Maria Povian	The influence of texture in structures 3d printed with earth-based materials	Conferința Internațională "Yesterday s heritage-implications in the development of tomorrow s society (IXth edition)", Iași-Chișinău-Lviv	08 - 09.02.2024	Iași-Chișinău	https://www.moldova-independenta.md/volumul-patrimoniul-cultural-de-ieri-implicatii-dezvoltarea-societatii-de-maine-yesterdays-cultural

Listă lucrări invitate/keynote prezentate la o manifestare științifică națională

Nr. crt.	Nume și prenume autori	Titlul lucrării invitate / keynote	Titlu conferință	Perioada desfășurării	Localitatea	Link conferință/volum abstracte, dacă este disponibil
1	Livia DEVESELEANU-CORȚI, Ana Maria PANĂ, Anca BELEAN, Sergiu SHOVA, Valentin BADEA, Liliăna CSEH	Synthesis and characterization of 2-hydroxybenzylidene derivatives.	New Trends and Strategies in the Chemistry of Advanced Materials with Relevance in Biological Systems, Technique and Environmental Protection, organized by "Coriolan Drăgulescu" Institute of Chemistry	07 - 08.10.2021	Timișoara, Romania.	https://newtrends-timisoara.ro/2021/
2	Ion BURCĂ, Vladislav-Silvestru VALICSEK, Valentin BADEA, Vasile-Nicolae BERCEAN	Synthesis and characterization of new racemic secondary alcohol with 5-benzyl-4-(4-methylphenyl)-3-sulfanyl-1,2,4-triazole structure.	New Trends and Strategies in the Chemistry of Advanced Materials with Relevance in Biological Systems, Technique and Environmental Protection, organized by "Coriolan Drăgulescu" Institute of Chemistry	07 - 08.10.2021	Timișoara, Romania.	https://newtrends-timisoara.ro/2021/
3	Valentin Badea, Ion Burcă, Ioan Bîtcan, Anamaria Todea, Flavius-Gabriel Wurfer, Francisc Peter	SYNTHESIS AND ENANTIOMERIC SEPARATION OF NOVEL RACEMIC SECONDARY 2-[(4,5-DIARYL-4H-1,2,4-TRIAZOL-3-YL)SULFANYL]-1-ARYL ETHANOLS AND ASSIGNING THE ABSOLUTE CONFIGURATION BY NMR USING (R) AND (S) MOSHER'S CHLORIDES	CONFERINȚĂ NAȚIONALĂ DE CHIMIE EDIȚIA XXXIV	04-07 octombrie 2022	Călimănești-Căciulata, România	https://chimcomplex.com/en/national-chemistry-conference-2022/
4	Dănuț Tokar, Alexandru Dorca, Daniel Muntean, Adriana Tokar, Marius Adam	Propuneri de stocare a energiei în medii naturale	Știința Modernă și Energia	10 - 11.11.2022	Cluj-Napoca	Program conferință
5	Alexandru DORCA, Dănuț TOKAR, Adriana TOKAR, Daniel MUNTEAN, Simona POPA-ALBU, Marius ADAM	INTEGRAREA POMPELOR DE CĂLDURĂ AER-APĂ ÎN SCOPUL REABILITĂRII TERMICE A CLĂDIRILOR DE BIROURI EXISTENTE. STUDIU DE CAZ	Instalații pentru Construcții și economia de energie. Energia, Eficiența, Ecologia, Educației	06 -07.07.2023	Iași	Program conferință
6	Marius Adam, Adriana Tokar, Alexandru Dorca, Dănuț Tokar, Alexandru Filipovici	The influence of night ventilation and free ventilation in an educational building on the electricity consumption of HVAC systems	The 59th Edition of the National Conference of The ROMANIAN ASSOCIATION of BUILDING SERVICES ENGINEERS	14 - 15.10.2024	Sinaia	Program conferință
7	Dănuț Tokar, Adriana Tokar, Daniel Muntean, Marius Adam, Daniel Bisorca	Available energy storage techniques applicable to electric power systems	The 59th Edition of the National Conference of The ROMANIAN ASSOCIATION of BUILDING SERVICES ENGINEERS	14 - 15.10.2024	Sinaia	Program conferință
8	Daniel MUNTEAN, Adriana TOKAR, Dănuț TOKAR, Alexandru DORCA	MODERNIZAREA SISTEMULUI DE TERMIFICARE DIN TIMIȘOARA PRIN INTEGRAREA SRE ÎN PUNCTE TERMICE. STUDIU DE CAZ	Instalații pentru Construcții și economia de energie. Energia, Eficiența, Ecologia, Educației	06 -07.07.2023	Iași	Program conferință
9	Daniel Muntean, Adriana Tokar, Dănuț Tokar, Alexandru Dorca	SOLUȚII DE EFICIENTIZARE ENERGETICĂ A SISTEMULUI DE TERMIFICARE DIN TIMIȘOARA. STUDII DE CAZ	Știința Modernă și Energia	18 - 19.05.2023	Cluj-Napoca	Program conferință
10	BREBU F.-M., MUȘAT C.C., VÎLCEANU C.-B., HERBAN I.S., GRECEA C.	A REVIEW OF GEOSPATIAL DATA ANALYSIS AND VISUALIZATION USING MACHINE LEARNING	SIMPOZIONULUI NAȚIONAL CU PARTICIPARE INTERNAȚIONALĂ GeoCAD 2024 "Actualitatea în cadastru"	10 - 11.05.2024	Alba-Iulia	https://www.cceol.com/search/article-detail?id=1320767
11	Ungureanu Viorel	Eficiența energetică în clădiri	Conferința anuală „Smart And Sustainable Energy Consumption”–SASEC–RORS-300	23.02.2021	Timisoara	
12	Marina Mercioni, Raluca Dumache	ETHICS AND VALUES IN TRUSTWORTHY MEDICAL ARTIFICIAL INTELLIGENCE	A XVIII-A CONFERINȚĂ NAȚIONALĂ DE BIOETICĂ	2023	Iasi	
13	Duma Virgil-Florin	Investigations and Modeling of the Sintering of Ceramic Dental Crowns	9th Int. Conf. on Lasers in Medicine & 3rd Int. Congress Lasers in Dentistry	25 - 27.05.2023	Oradea (Romania)	

Listă lucrări invitate/keynote prezentate la o manifestare științifică națională

Nr. crt.	Nume și prenume autori	Titlul lucrării invitate / keynote	Titlu conferință	Perioada desfășurării	Localitatea	Link conferință/volum abstracte, dacă este disponibil
14	I.Boldea, L.Tutelea, N. Muntean	A few novel rail and road electric traction drives: an overview	EPEi -2024, 13 International Conference and Exposing on Electrical and Power Engineering	17 - 19.10.2024	Iasi, Romania	https://www.epe.tuiasi.ro/
15	Attila SIMO	Conservarea energiei electrice si eficienta energetica	Conferinței Cercurilor Studențești din domeniul Științelor Tehnice - editia XXIII	06 - 08.05.2022	Timisoara	https://bolyaitemesvar.ro/23-erdelyi-muszakitudomanyos-diakkonferencia/?utm_source=chatgpt.com
16	Stoian Floriana Daniela	Magnetic and Transport Properties of Concentrated Magnetic Nanofluids for Use as Liquid Core	The 12th International Symposium on ADVANCED TOPICS IN ELECTRICAL ENGINEERING	25 - 27.03.2021	Bucuresti	https://atec.pub.ro/atec2021/index.php?action=plenary
17	Marsavina Liviu	Structural Integrity of Polymeric Components Obtained Through Additive Manufacturing	5th International Conference of the Doctoral School	18 - 20.05.2022	Iasi	
18	Marsavina Liviu	Impactul activității de cercetare în cadrul școlilor doctorale	InoHubDoc: Eveniment științific regional	26.09.2023	Cluj-Napoca	https://inohubdoc.upt.ro/page3.html#header1-cg
19	Dejica-Carțiș, Anca	Das funktionale Übersetzen im Hinblick der künstlichen Intelligenz	Professional Communication and Translation Studies	30 - 31.03.2023	Timisoara, Romania	https://sc.upt.ro/attachments/article/682/PCTS13%20Program%20+%20Book%20of%20Abstracts_2023_40_SITE..pdf
20	Dejica-Carțiș, Anca	Interkulturelle Kompetenz als Schlüsselkompetenz im DaF-Unterricht	Jahrestagung des Hermannstädter Lehrstuhls für Germanistik an der Lucian-Bлага-Universität	05.11.2021	Sibiu (Online)	https://conferences.ulbsibiu.ro/interkslaaa/obj/documents/Tagungsprogramm_Hermannstadt_2021.pdf
21	Dejica-Carțiș, Anca	Lexikalische Besonderheiten in der Übersetzung von Wirtschaftstexten	20. International conference : Language, Literature and Cultural Policies. Bridges that separate and walls that connect	17 - 18.12.2021	Craiova (Online)	https://litere.ucv.ro/litere/sites/default/files/litere/Cercetare/Colocvii/llep_2021_conference_programme_and_links.pdf
22	Dejica-Carțiș, Anca	Deutsch für den Beruf. Entwicklung von Sprachkompetenzen	Professional Communication and Translation Studies	26 - 27.04.2021	Timisoara, Romania	https://sc.upt.ro/attachments/article/138/PCTS12%20Program%20+%20Book%20of%20Abstracts_2021_public_02.pdf
23	Dejica, Daniel	A star is born. Translation, its evolution and challenges in modern times	Communication vs. Hybridization. International Conference, Alexandru Ioan Cuza University of Iași, Romania	13.11.2021	Iasi	
24	Dejica, Daniel	Translation Studies: Exploring the Past, Shaping the Future	The "Translation Times" International Conference, University of Craiova in partnership with The Romanian Society for English and American Studies (RSEAS)	09 - 10.12.2021	Craiova	
25	Dejica, Daniel	Visibility of Doctoral Translation Studies in Romania. An overview.	Workshop Visibility In Translation, Terminology And Lexicology. Part of The Annual International Conference of the Faculty of Foreign Languages and Literatures, University of Bucharest	25 - 26.11.2022	Bucharest	
26	Dejica, Daniel	PhD Translation Studies in a Romanian Context. What's Next?	2nd Translation Times International Conference, University of Craiova	08 - 09.12.2022	Craiova	
27	Dejica, Daniel	PhD Translation Studies in Romania. An Overview of Scholarly Research and Translators' Needs	Translating Europe Workshops - Language for Specific Purposes: Building the bridge between academics and practitioners. Babeș-Bolyai University, Cluj-Napoca	11 - 12.05.2023	Cluj-Napoca	
28	Dejica, Daniel	Positioning Technical Translation in the Field of Contemporary Translation Studies.	Translating Europe Workshops - Technical Translation Today. Politehnica University Timisoara	16 - 17.11.2023	Timisoara	
29	Dejica, Daniel	Building a Research Culture in Translation Studies	The 13th Conference on Linguistic and Intercultural Education – CLIE-2024, "1 Decembrie 1918" University of Alba Iulia	28 - 30.06.2024	Alba-Iulia	