

Nr. crt.	TITLUL LUCRĂRII	REVISTA (DENUMIRE, volum, număr an, pagini ISSN, wos nr)	Autorii
1	Nanoparticles Size Distribution Assessment During Early Synthesis Stages	MATEC Web of Conference, 10th International Conference on Manufacturing Science and Education – MSE 2021, 343, 01005, eISSN: 2261-236X; INSPEC:20879006; https://doi.org/10.1051/mateconf/202134301005	D. Chicea, M. M. Codescu, A. Nicolae, O. Doroshkevych, A. Islamov, M. Kulik
2	Hydrophobic protective coatings based on functionalized SiO2 for wind devices application	Proceeding The 12th International Symposium On Advanced Topics In Electrical Engineering March 25-27, 2021, Bucharest, Romania, DOI: 10.1109/ATEE52255.2021.9425214	E. Chitanu, T. Malaeru, M. M. Codescu, V. Marinescu, C. Banciu, G. Georgescu, I. Borbath
3	Safety in operation of the power systems in Valcea-Fagaras-Campulung seismic area	INTERNATIONAL CONFERENCE ON ELECTRICAL, COMPUTER AND ENERGY TECHNOLOGIES (ICECET 2021), pp.1875-1881, 2021, ISBN 978-1-6654-4231-2, WOS:000814669100321	Toader V. E., Mihai A., Cîrciumaru G., Ciogescu O., Voina A., Lingvay I.
4	LiDAR sensors used for improving safety of electronic-controlled vehicles	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2021, pp. 1-5, doi: 10.1109/ATEE52255.2021.9425123, WOS: 000676164800043	Tudor E., Vasile I., Popa G., Gheți M.

5	Design and comparison of different rotor topologies at liquid-cooled permanent magnet synchronous machines for electric vehicles	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2021, pp. 1-6, doi: 10.1109/ATEE52255.2021.9425122. WOS: 000676164800042	A. -I. Constantin, C. Dumitru, E. Tudor, G. Circiumaru and M. Arsene
6	Studies Related to the Optimization of an Interior Permanent Magnet Synchronous Machine Designed for the Electric Vehicles	2021 International Conference on Applied and Theoretical Electricity (ICATE), 2021, pp. 1-5, doi: 10.1109/ICATE49685.2021.9465051. WOS: 000709089900061	Constantin A. -I., Dumitru C., Tudor E., Vasile I., Arsene M.
7	Locomotive Diesel Engine Test Stand with Energy Recovery in the Electrical Network	2021 International Conference on Applied and Theoretical Electricity (ICATE), 2021, pp. 1-6, doi: 10.1109/ICATE49685.2021.9464995. WOS: 000709089900023	Tudor E. , Strâmbeanu D., Lipcinski D., Nicolaie S., Ilie C., Ovezza D., Tănase N., Voina A., Fartan M.
8	Comparative study between semiconductor power devices based on silicon Si, silicon carbide SiC and gallium nitrate GaN used in the electrical system subassembly of an electric vehicle	2021 International Semiconductor Conference (CAS), 2021, pp. 107-110, doi: 10.1109/CAS52836.2021.9604127. WOS: 000853482700020	Sburlan I. C., Vasile I., Tudor E.
9	Finite Element Analysis of the Tolerance of the Multi-Phase Induction Motors regarding Stator Winding Failures	2021 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD), 2021, pp. 266-271, doi: 10.1109/WEMDCD51469.2021.9425668 , Electronic ISBN:978-1-7281-7615-4, WOS:000679019200044	V. Fireșteanu, A-I. Constantin, C. Dumitru

10	Finite Element Analysis of the Performances of the 3-Phase, 5-Phase, 7-Phase and 9-Phase Squirrel-Cage Induction Motors	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2021, pp. 1-6, doi: 10.1109/ATEE52255.2021.9425068, Electronic ISBN:978-1-6654-1878-2, WOS:000676164800014	Fireșteanu V., Constantin A-I., Dumitru C.
11	Finite element analysis of multiphase permanent magnet synchronous motors with the same stators of analogue 3-phase, 5-phase, 7-phase and 9-phase Induction Motors	2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2021, WOS:000709089900044, ISBN:978-1-7281-8035-9, ISSN:2376-4163	Fireșteanu V., Dumitru C.
12	Computational Fluid Dynamics and Experimental Analyzes of a Pico-Hydrokinetic Turbine	2021 IEEE International Conference on Applied and Theoretical Electricity (ICATE), 2021, pp. 1-5, WOS:000709089900031, ISBN:978-1-7281-8035-9, ISSN:2376-4163	Marin D., Bordianu A., Constantin A-I.
13	Power Quality Evaluation in Autonomous Wastewater Treatment Plant	2021 9th International Conference on Modern Power Systems (MPS), Cluj-Napoca, Romania, 2021, pp. 1-5, doi: 10.1109/MPS52805.2021.9492591, WOS:000941563300034, ISBN:978-1-6654-3381-5	Bartha C.; Tókos A.; Micu D.D.; Jipa M.; Marin D.; Caramitu A.R.; Voina A.; Nascu I.; Lingvay I.
14	Operation And Design Simulation of The Photovoltaic System For Smart Greenhouses	Actual Tasks on Agricultural Engineering (ATAE 2021), Volume 48, pp. 119-129, WOS:000664133000013, ISSN:1848-4425	Cujbescu D; Gageanu I; Persu C; Matache M; Voica I.; Gheorghe G.; Murgescu I.

15	Consumer and Prosumer comparative statistical analysis of load curves. Study Case: Romania	2021 16th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2021, pp. 1-9, doi: 10.1109/EMES52337.2021.9484111, WOS:000855847300048 , ISBN:978-1-6654-4995-3	Serban I.T.; Sontea S.; Rohat V.; Sava T.C.; Murgescu I.; Onose B.; Bitir Istrate I.
16	Piezoelectric Active Tremor Compensation System for LASER Microsurgery - Constructive Solution	The 12th International Symposium On Advanced Topics In Electrical Engineering (ATEE), March 25-27, 2021, Bucharest, Romania, DOI: 10.1109/ATEE52255.2021.9425130, WOS:000676164800048	Dragos OVEZEA, Cristinel ILIE, Nicolae TANASE, Adrian NEDELCU, Marius POPA, Ionel CHIRITA, Mihai GUTU,
17	Aspects regarding the customized analysis of emission security risks for certain types of compromising signals	2021 IEEE International Black Sea Conference On Communications And Networking (IEEE BLACKSEACOM), Volume Issue Page 290-295, Published 2021	Popescu Mircea; Bartusica Razvan;
18	The Analysis of Emission Security Risks for Representative Types of Compromising Signals	EEA - Electrotehnica, Electronica, Automatica, 69(3), 2021, pp. 82-80	Mircea Popescu, Constantin Pintilie, Jana Pinte, Răzvan Bartușica
19	Emission Security Risks for Representative Types of Compromising Signals	Electrotehnică, Electronică, Automatică (EEA), 69 (2021), nr. 2, pp.59-67	Mircea Popescu, Constantin Pintilie, Jana Pinte, Răzvan Bartușica