

Concurs pentru ocuparea postului poz. 14 , de șef de lucrări,
 Departamentul de Electrotehnică,
 Facultatea de Inginerie Electrică, Energetică și Informatică Aplicată,
 Disciplinele: Electrotehnică,
 Domeniul Inginerie Electrică,
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LISTA DE LUCRĂRI

Candidat: **Ursan G. George-Andrei** - Dr. din anul 2011, Asistent universitar din anul 2018

1° Teza(-ele) de doctorat (T1, T2)

T1 - Cercetări asupra posibilităților de extindere a aplicațiilor rețelelor de comunicație în automobile, 2011, Universitatea Tehnică "Gheorghe Asachi" din Iași, domeniul Inginerie Electrică, conducător de doctorat prof.univ.dr.ing. Alexandru Sălceanu

2° Cărți/ capitole cărți de specialitate publicate în edituri recunoscute din țară sau din străinătate (Cb1, Cb2 etc.), articole/ studii publicate în reviste din țară/ străinătate, cu factor de impact/ indexate în BDI/ neindexate în BDI (R1, R2 etc.), brevete de invenție (B1, B2 etc.), creații artistice prezentate la manifestări recunoscute din țară/ străinătate (A1, A2 etc.), articole/ studii publicate în volumele manifestărilor științifice naționale/ internaționale indexate BDI/ neindexate BDI (V1, V2 etc.), după caz, precum și alte lucrări (N1, N2 etc.) prin care se aduc contribuții științifice la dezvoltarea domeniului.

Carte de specialitate publicată în editură din străinătate		Punctaj
Cb	Cb1- George-Andrei URSAN, Cercetări asupra posibilităților de extindere a aplicațiilor rețelelor de comunicație în automobile, Editura POLITEHNIUM, Iași 2011, 153p., ISBN: 978-973-621-372-4, $N=(8*123)/100/1=9,84$	9,84
	Articole publicate în revistă cotate ISI, cu factor de impact	4,92
R	R1. Angela Daniela La Rosa, Sotirios A.Grammatikos, <u>George Andrei Ursan</u>, Sebastian Aradoaei, John Summerscales, Romeo Cristian Ciobanu, Cristina Mihaela Schreiner, Recovery of electronic wastes as fillers for electromagnetic shielding in building components: An LCA study, JOURNAL OF CLEANER PRODUCTION, Volume: 280 Part: 2, Article Number: 124593, DOI: 10.1016/j.jclepro.2020.124593, available online 8 October 2020, Published: JAN 20 2021, Impact Factor 2020: 9.297, ISSN: 0959-6526, indexat SCOPUS, Web of Science WOS:000608741500008, $N=6/7=0,86$	0,86
	R2. Gheorghe Batrinescu, Nicolae Ionut Cristea, Robert Valeriu Badescu, Romeo Cristian Ciobanu, <u>George Andrei Ursan</u>, Mihaela Aradoaei, The Induced Impact on the Environment by Combined Plastic and Paper Waste before and after Recovery, Revista de Chimie, Volume 70, Issue 12, pp. 4579-4583 (2019), ISSN 2537-5741, ISSN 0034-7752, ISSN 2537-5733 (CD-ROM), ISSN-L 1582-9049 (Online), (indexat Scopus, Impact Factor 2019: 1.755, https://doi.org/10.37358/RC.19.12.7796), $N=6/6=1$	1
	R3. ROMEO CRISTIAN CIOBANU , GHEORGHE BATRINESCU , <u>GEORGE ANDREI URSAN</u> , ALINA RUXANDRA CARAMITU , VIRGIL MARINESCU , ADRIANA MARIANA BORS, IOSIF LINGVAY, Mechanical and Morphostructural Characteristics of Composite Materials Performed by Recycling Mixed Waste of Plastic and Paper, MATERIALE PLASTICE ♦56♦No. 3 ♦, 2019, pp. 475- 478, ISSN 2537-5741, ISSN-L 0025-5289, (Impact Factor 2020: 0.593, indexat SCOPUS, Web of Science WOS:000487764000001, https://doi.org/10.37358/mp.19.3.5212), $N=6/7=0,86$	0,86
	R4. ALINA-RUXANDRA CARAMITU, SORINA MITREA, VIRGIL MARINESCU, <u>GEORGE-ANDREI URSAN</u>, MIHAELA ARADOAIE, IOSIF LINGVAY, Dielectric behavior and morphostructural characteristics of some HDPE composites / metal nanopowders, MATERIALE PLASTICE ♦56♦No. 1 ♦, 2019, pp.103-109, ISSN 2537-5741, ISSN-L 0025-5289, (Impact Factor 2020: 0.593, indexat Scopus , Web of Science WOS:000464604100021, https://doi.org/10.37358/mp.19.1.5132), $N=6/6=1$	1

	<p>R5. Caramitu, A.-R., Marinescu, V., Mitrea, S., Arădoaie, M., Ursan, G.-A. (correspondence author), <i>Dielectric and morphostructural characterization of some types of polypropylene composites/metallic nanopowders</i>, EEA - Electrotehnica, Electronica, Automatica, vol. 67 nr. 1 art. 8, pp. 61-67, (2019), ISSN: 1582-5175 (Revistă clasificată B+ de CNCSIS, BDI: Ulrichsweb.com™, Elsevier- Engineering Village-Scopus, Elsevier- Engineering Village-Compendex, Index Copernicus, ProQuest, EBSCO), (Impact factor 2020: 0.44), N=6/5=1,2</p>	1,2
	Articole publicate în revistă indexată în baze de date internaționale (BDI)	8,1
	<p>R6. PLOPA OLGA, PAULET MARIUS, URSAN GEORGE-ANDREI, UNGUREANU LAURENTIU, SCHREINER CRISTINA, <i>Capacitive C and RC Sensorial Test Systems for automatic lighting control</i>, BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, Secția ELECTROTEHNICĂ, ENERGETICĂ, ELECTRONICĂ, VOL 65 (69), Fasc. 4, 2019, Print ISSN 1223-8139, Online ISSN 2537-2726, Classified B+ (CNCSIS code 87), Indexed in Index Copernicus, CNKI Scholar, Ulrich's, N=3/5=1</p>	0,6
	<p>R7. George-Andrei URSAN, Emil VREMERA, Maria URSAN, <i>Implementation of Controller Area Network Node for Humidity Measuring Systems</i>, Bul. Inst. Pol. Iasi, (CNCSIS, B+), Tomul LVII (LXI) Fasc.3, Sect Electrical Engineering, Power Engineering, Electronics, 2011, pg 103-110, (BDI: Index Copernicus, getCITED, Ulrich's), N=3/3=1</p>	1
	<p>R8. Maria URSAN, Romeo Cristian CIOBANU and George-Andrei URSAN, <i>Dielectric testing of novel nano-conductive-polymer composites</i>, Buletinul Institutului Politehnic din Iași, (revista recunoscuta CNCSIS, categoria B+), Secțiunea ELECTROTEHNICĂ, ENERGETICĂ, ELECTRONICĂ Tomul LVII (LXI) Fasc.3, Sect Electrical Engineering, Power Engineering, Electronics, 2011, pg 111-116, (BDI: Index Copernicus, getCITED, Ulrich's), N=3/3=1</p>	1
	<p>R9. George-Andrei URSAN, Maria URSAN, <i>Application of CAN protocol in vehicle humidity measuring systems</i>, Bul. AGIR, An XVI, nr.4/2011(ISSN-L 1224-7928, Online: ISSN 2247-3548), (CNCSIS, B+, BDI: INDEX COPERNICUS INTERNATIONAL), N=3/2=1,5</p>	1,5
	<p>R10. Maria URSAN, George-Andrei URSAN, <i>DIELECTRIC PROPERTIES CHARACTERISATION AND 3D VISUALIZATION OF NANO-CONDUCTIVE COMPOSITE</i>, Bul. AGIR, An XVI, nr.4/2011(ISSN-L 1224-7928, Online: ISSN 2247-3548), (CNCSIS, B+, BDI: INDEX COPERNICUS INTERNATIONAL), N=3/2=1,5</p>	1,5
	<p>R11. Maria Ursan, Romeo-Cristian Ciobanu, George-Andrei Ursan, <i>Simulation of Nanoconductive Composites for Electromagnetic Shields</i>, Buletinul Institutului Politehnic din Iași, (revista recunoscuta CNCSIS, categoria B+), Tomul LVI (LX) Fasc.3, Secțiunea ELECTROTEHNICĂ, ENERGETICĂ, ELECTRONICĂ, 2010, pg 43-50, (Indexat BDI: Index Copernicus, getCITED, Ulrich's), N=3/3=1</p>	1
	<p>R12. George-Andrei Ursan, Emil Vremera, Maria Ursan, Olga Plopa, <i>Advanced Automotive Communication Networks, CAN Protocol Technology</i>, Bul. Inst. Pol. Iasi, (CNCSIS, B+), Tomul LV (LIX) Fasc.3, Sect Electrical Engineering, Power Engineering, Electronics, 2009, pg 43-55, (BDI: Index Copernicus, getCITED, Ulrich's) N=3/4=0,75</p>	0,75
	<p>R13. Cornelia Varga, Cristina Schreiner, Maria Ursan, George-Andrei Ursan, <i>Principles of Measurement with Hall Sensor and Sensors Reliability</i>, Buletinul Institutului Politehnic din Iași, (revistă recunoscută CNCSIS, categoria B+), tomul LV (LIX), Fasc. 4, Secțiunea ELECTROTEHNICĂ, ENERGETICĂ, ELECTRONICĂ, 2009, pg. 61-72, (Indexat BDI: Index Copernicus, getCITED, Ulrich's), N=3/4=0,75</p>	0,75
	Articole publicate în volumul unei manifestări științifice indexate în baze de date internaționale (BDI)	29,17
V	<p>V1. U. Maria, U. George-Andrei and P. Olga, <i>"Practical Application for Monitoring the Behavior of a Series RLC Circuit," 2021 International Conference on Electromechanical and Energy Systems (SIELMEN)</i>, 2021, pp. 065-068, doi: 10.1109/SIELMEN53755.2021.9600325, N=4/3=1,33</p>	1,33
	<p>V2. U. George-Andrei, P. Olga, O. Alin-Alexandru, I. Ursu and U. Maria, <i>"Dielectric Properties of Malleable Composite Materials in Electromagnetic Field," 2021 International Conference on Electromechanical and Energy Systems (SIELMEN)</i>, 2021, pp. 1-4, doi: 10.1109/SIELMEN53755.2021.9600422, N=4/5=0,8</p>	0,8
	<p>V3. U. George-Andrei, P. Olga and U. Maria, <i>"PLCs' Inputs and Outputs Response Time Testing Application," 2021 International Conference on Electromechanical and Energy Systems (SIELMEN)</i>, 2021, pp. 057-060, doi: 10.1109/SIELMEN53755.2021.9600400, N=4/3=1,33</p>	1,33

V4. U. George-Andrei , P. Olga and U. Maria, "Testing Stand Using Hardware Description Languages," 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 2021, pp. 061-064, doi: 10.1109/SIELMEN53755.2021.9600334, N=4/3=1,33	1,33
V5. U. George-Andrei , P. Olga, R. Mihaela Ursuleasa, U. Maria and T. Costel, "Obtaining of the Paints with Electromagnetic Shielding Properties," 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), 2021, pp. 367-370, doi: 10.1109/SIELMEN53755.2021.9600281, N=4/5=0,8	0,8
V6. Ursan George-Andrei , Plopa Olga, Ursan Maria, <i>Simulation of Electrical Circuits Using Data Acquisition Boards for Online Education</i> , 11th International Conference and Exposition on Electrical and Power Engineering, October 22-23, 2020, Iasi (BDI: IEEE Data Base DOI: 10.1109/EPE50722.2020.9305613), N=4/3=1,33	1,33
V7. Cosmin Iulian Contofan, George-Andrei Ursan , Maria Ursan, Olga Plopa, <i>Correlation between concentration and particles size in order to optimize the thermal heating process by exposure of composite materials to microwave radiation</i> , 11th International Conference and Exposition on Electrical and Power Engineering, October 22-23, 2020, Iasi (BDI: IEEE Data Base DOI: 10.1109/EPE50722.2020.9305656), N=4/4=1	1
V8. George-Andrei URSAN , Olga PLOPA, Maria URSAN, <i>Use of Electric circuits' Simulation Methods, as New Methods of Learning/Experimentation in an Electrical Laboratory</i> , 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chişinău, (ISBN:978-1-7281-4011-7, BDI: IEEE Data Base, Scopus, DOI: 10.1109/SIELMEN.2019.8905857, Web of Science, WOS:000630287500066), N=4/3=1,33	1,33
V9. Plopa Olga, Aradoaei Sebastian-Teodor, Ursan George-Andrei , <i>A New PSpice Implementation of a Three-Phase Induction Machine Model</i> 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chişinău, (ISBN:978-1-7281-4011-7, BDI: IEEE Data Base, Scopus, DOI: 10.1109/SIELMEN.2019.8905799, Science, WOS:000630287500011), N=4/3=1,33	1,33
V10. Mihail Sebastian PASCU, Romeo CIOBANU, George-Andrei URSAN , <i>Environmental Pollution Control</i> , 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chişinău, (ISBN:978-1-7281-4011-7, BDI: IEEE Data Base, Scopus DOI: 10.1109/SIELMEN.2019.8905843, Web of Science, WOS:000630287500052), N=4/3=1,33	1,33
V11. Mihail Sebastian PASCU, Romeo CIOBANU, George-Andrei URSAN , Ramona SIMIONESCU, <i>Remote Data Acquisition and Monitoring for an Integrated Air Pollutant Monitoring System</i> , 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chişinău, (ISBN:978-1-7281-4011-7, BDI: IEEE Data Base, Scopus, https://doi.org/10.1109/sielmen.2019.8905878 , Web of Science, WOS:000630287500086), N=4/4=1	1
V12. Plopa Olga, Paulet Marius, Ursan George-Andrei , Ungureanu Laurentiu, Schreiner Cristina, <i>Capacitive C and RC Sensorial Test Systems in LabVIEW Graphic Programming Environment with NI USB-6210 Acquisition Board</i> , 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chişinău, (ISBN:978-1-7281-4011-7, BDI: IEEE Data Base, Scopus, DOI: 10.1109/SIELMEN.2019.8905884, Web of Science, WOS:000630287500091), N=4/5=0,8	0,8
V13. Paulet Marius, Plopa Olga, Ursan George-Andrei , Ileana Ursu, <i>Vibration and Mechanical Shock Monitoring Using Flexible Piezoelectric Sensors</i> , 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chişinău, (ISBN:978-1-7281-4011-7, BDI: IEEE Data Base, Scopus, DOI: 10.1109/SIELMEN.2019.8905827, Web of Science, WOS:000630287500037), N=4/4=1	1
V14. Ursan George-Andrei , Plopa Olga, Contofan Cosmin, Aradoaei Mihaela, Ursan Maria, <i>Optical Evaluation Systems for Anisotropic Composite Materials Quality Assessment</i> , 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chişinău, (ISBN:978-1-7281-4011-7, BDI: IEEE Data Base, Scopus,	0,8

DOI: 10.1109/SIELMEN.2019.8905831, Web of Science, WOS:000630287500041), N=4/5=0,8	
V15. Romeo Cristian Ciobanu, Marius Andrei Olariu, George-Andrei Ursan , Mihaela Aradoaei, Olga Plopa, <i>Modeling and Simulation of Nanoparticles Dispersion for the Realization of ACFs</i> , International Symposium on Fundamentals of Electrical Engineering 2018, Bucharest, November 1-3, 2018 , Romania, Symposium Proceedings (on USB), (Cat. No.: CFP1893Y-USB, ISBN: 978-1-5386-7211-2), DOI: 10.1109/ISFEE.2018.8742440, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000480396400034), N=4/5=0,8	0,8
V16. George-Andrei Ursan , Maria Ursan, Mihai Drobota, Angela Daniela La Rosa, <i>Principles on Development of Experimental Models of Nanostructured Adhesives</i> , 10th International Conference and Exposition on Electrical and Power Engineering, 18-19 October 2018 , Iasi, pp. 654-657, Romania IEEE Catalog Number CFP1847S-USB, ISBN 978-1-5386-5061-5, DOI: 10.1109/ICEPE.2018.8559933 (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000458752200127), N=4/4=1	1
V17. George-Andrei Ursan , Maria Ursan, Iulian Cosmin Contofan, Angela Daniela La Rosa, <i>Correlations Between Simulation and Electromagnetic Properties Testing of Hot Melt Nanostructured Adhesives</i> , 10th International Conference and Exposition on Electrical and Power Engineering, 18-19 October 2018 , Iasi, pp. 650-653, Romania IEEE Catalog Number CFP1847S-USB, ISBN 978-1-5386-5061-5, DOI: 10.1109/ICEPE.2018.8559821 (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000458752200126), N=4/4=1	1
V18. Angela Daniela La Rosa, George-Andrei Ursan , Mihaela Aradoaei, Maria Ursan, Cristina Schreiner, <i>Life Cycle Assessment of Microwave Activated HotMelt Adhesives</i> , 10th International Conference and Exposition on Electrical and Power Engineering, 18-19 October 2018 , Iasi, pp. 658-661., Romania IEEE Catalog Number CFP1847S-USB, ISBN 978-1-5386-5061-5, DOI: 10.1109/ICEPE.2018.8559740 (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000458752200128), N=4/5=0,8	0,8
V19. Angela Daniela La Rosa, George-Andrei Ursan , Mihaela Aradoaei, Maria Ursan, Cristina Schreiner, <i>Susceptor Assisted Microwave Processing of Polymers for Adhesive Production</i> , 10th International Conference and Exposition on Electrical and Power Engineering, 18-19 October 2018 , Iasi, pp. 662-665, Romania IEEE Catalog Number CFP1847S-USB, ISBN 978-1-5386-5061-5, DOI: 10.1109/ICEPE.2018.8559797 (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000458752200129), N=4/5=0,8	0,8
V20. Romeo Cristian Ciobanu, Gheorghe Batrinescu, Alina Roxana Banciu, George-Andrei Ursan , Mihaela Aradoaei, <i>Specific Tests Concerning Microwave Sterilization Efficiency of Combined Plastic and Paper Waste</i> , 10th International Conference and Exposition on Electrical and Power Engineering, 18-19 October 2018 , Iasi, pp. 1000-1003, Romania IEEE Catalog Number CFP1847S-USB, ISBN 978-1-5386-5061-5, DOI: 10.1109/ICEPE.2018.8559931 (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000458752200196), N=4/5=0,8	0,8
V21. George-Andrei Ursan , Romeo Cristian Ciobanu, Costel Donose, Maria Ursan, <i>Modeling and Simulation of Electromagnetic Absorption Properties of the Different Nanostructured Composites</i> , 22nd IMEKO TC4 International Symposium & 20th International Workshop on ADC Modelling and Testing, SUPPORTING WORLD DEVELOPMENT THROUGH ELECTRICAL&ELECTRONIC MEASUREMENTS, IASI, ROMANIA, September 14-15, 2017 (imeko.org, BDI:Scopus), N=4/4=1	1
V22. George-Andrei Ursan ; Maria Ursan; Anca Pîntea; Răzvan Ioan Grăpina, <i>Fire behavior analysis for new retardant nanocomposite formulations with minimum risk to health and safety</i> , 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. 2016 , Iasi, Romania, Page(s): 559 - 562, Electronic ISBN: 978-1-5090-6129-7, USB ISBN: 978-1-5090-6128-0, Print on Demand(PoD) ISBN: 978-1-5090-6130-3, DOI: 10.1109/ICEPE.2016.7781402, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000390706300112), N=4/4=1	1
V23. George-Andrei Ursan ; Maria Ursan; Anca Pîntea; Răzvan Ioan Grăpina, <i>Analysis of new formulations for nano-filled concrete, bituminous coatings and insulation</i> , 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. 2016 , Iasi, Romania, Page(s): 051 - 054, Electronic ISBN: 978-1-5090-6129-7, USB ISBN: 978-1-5090-6128-0, Print on Demand(PoD) ISBN: 978-1-5090-6130-3, DOI: 10.1109/ICEPE.2016.7781301, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000390706300011), N=4/4=1	1

V24. Tudor Alexandru Ilaș; Tudor Cotet; George-Andrei Ursan ; Maria Ursan, <i>Fluid model used for simulating streamer breakdown in SF6 and SF6-N2 mixtures</i> , 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. 2016 , Iasi, Romania, Page(s): 555 - 558, Electronic ISBN: 978-1-5090-6129-7, USB ISBN: 978-1-5090-6128-0, Print on Demand(PoD) ISBN: 978-1-5090-6130-3, DOI: 10.1109/ICEPE.2016.7781300, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000390706300010), N=4/4=1	1
V25. Tudor Alexandru Ilaș; Vasile Dan Ani; George-Andrei Ursan ; Maria Ursan, <i>Discharge simulation based on particle methods</i> , 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. 2016 , Iasi, Romania, Page(s): 047 - 050, Electronic ISBN: 978-1-5090-6129-7, USB ISBN: 978-1-5090-6128-0, Print on Demand(PoD) ISBN: 978-1-5090-6130-3, DOI: 10.1109/ICEPE.2016.7781401, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000390706300111), N=4/4=1	1
V26. Ursan George-Andrei , Šooš Lubomír, Juraj Beniák, Tugui Costel, Macovei Stefan Cristian, Grapina Razvan Ioan, <i>Obtaining and Testing of Metallic Waste Thermosetting Powders with Different Grain Sizes and Components</i> , 2014 International Conference and Exposition on Electrical and Power Engineering 16-18 October 2014 , Iasi, Romania, Page(s): 849 - 852, ISBN 978-1-4799-5848-1, DOI: 10.1109/ICEPE.2014.6970031, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000353565300157), N=4/6=0,66	0,66
V27. Ursan George-Andrei , Ursan Maria, Tugui Costel, Bejenaru Cristian, <i>Testing of Physical, Mechanical and Chemical Properties of Flakes and Granules from Thermoplastic WEEE Selected by Components</i> , 2014 International Conference and Exposition on Electrical and Power Engineering 16-18 October 2014 , Iasi, Romania, Page(s):853 - 856, ISBN 978-1-4799-5848-1, DOI: 10.1109/ICEPE.2014.6970032, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000353565300158), N=4/4=1	1
V28. George-Andrei Ursan , Octavian Postolache, Maria Ursan, Emil Vremera, J. M. Dias Pereira, <i>Using the CAN Protocol for Climate Control System in Automotive Indoor Monitoring</i> , 3rd Symposium IMEKO TC 19 - Environmental Measurements, (ISBN 978-80-553-0424-3), 8-10 Sept. 2010 , Kosice, Slovakia, pg. 84;(BDI:Scopus), N=4/5=0,8	0,8
V29. Maria Ursan, George-Andrei Ursan , Vlad-Andrei Scarlatache, Romeo Cristian Ciobanu, <i>Non Destructive 3-D Investigation of Nanocomposites Materials</i> , 3 rd Symposium IMEKO TC 19 - Environmental Measurements, 8-10 septembrie 2010 , Kosice, Slovakia, cu ISBN 978-80-553-0424-3, pg. 45, (BDI:Scopus), N=4/4=1	1
Articole publicate în volumul unei manifestări științifice neindexate în baze de date	4,15
V30. A.R. Caramitu, S. Mitrea, D. Patroi, V. Tsakiris, V. Marinescu, G.A. Ursan , C. Tugui, C. Banciu, <i>Synthesis and Characterization on some composite materials obtained from electronic recycling waste, with intersectorial applications</i> , The 5 th International Conference "Advanced Composite Materials Engineering" COMAT 2014, 16-17 October 2014 , Brasov, Romania, vol. I, pp. 24-29, ISBN 978-606-19-0411-2, N=1/8=0,125	0,125
V31. Ursan George-Andrei , Tugui Costel, Soos Lubomir, Juraj Beniák, Macovei Stefan Cristian, Grapina Razvan Ioan, <i>Characterization of thermoplastic composites made from electronic waste</i> , International Conference Engineering of Environment Protection TOP 2014, Casta-Papiernicka, Slovak Republic, June 10-12, 2014 , pp.516-522, ISBN 978-80-227-4174-3, N=1/6=0,165	0,165
V32. Cornelia Lorenz, Maria Ursan, George-Andrei Ursan , Tudor Ilaș, <i>Using X-Ray Microtomography for electromagnetic shielding analysis of composite materials</i> , 9th International Conference and Exhibition on Electromechanical and Power Systems SIELMEN 2013, 16 October 2013, Iasi, Romania 17-18 October 2013 Chișinău, Rep. of Moldova, ISBN 978-606-13-1560-4, N=1/4=0,25	0,25
V33. Cornelia Lorenz, Maria Ursan, George-Andrei Ursan , Cotet Tudor, <i>Nondestructive testing based on Eddy current method for hybrid electromagnetic shielding systems</i> , 9th International Conference and Exhibition on Electromechanical and Power Systems SIELMEN 2013, 16 October 2013, Iasi, Romania 17-18 October 2013 Chișinău, Rep. of Moldova, ISBN 978-606-13-1560-4, N=1/4=0,25	0,25
V34. Cornelia Lorenz, Maria Ursan, George-Andrei Ursan , Luciana Atomei, <i>The influence of the dielectric properties of the core on the absorption characteristics of electromagnetic hexachiral honeycomb shielding structure</i> , 9th International Conference and Exhibition on Electromechanical and Power Systems SIELMEN 2013,	0,25

16 October 2013 , Iasi, Romania 17-18 October 2013 Chişinău, Rep. of Moldova, ISBN 978-606-13-1560-4, N=1/4=0,25	
V35. George-Andrei Ursan , Maria Ursan, Andrei Pruteanu, Alexandru-Mihnea Spiridonica, <i>Virtual simulation of the automotive board</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, (ISBN vol. I: 978-606-13-0077-8) 28-30 Oct. 2010 , Iasi, Romania, pg. I-321 – I-324, N=1/4=0,25	0,25
V36. George-Andrei Ursan , Maria Ursan, Emil Vremera, Alexandru-Mihnea Spiridonica, <i>System for monitoring the temperature inside vehicle, based on CAN protocol</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, (ISBN vol. I: 978-606-13-0077-8), 28-30 Oct. 2010 , Iasi, Romania, pg. I-309 – I-312, N=1/4=0,25	0,25
V37. Maria Ursan , Andrei-Catalin Stan, George-Andrei Ursan , Alexandru-Mihnea Spiridonica, Astarastoe Daniela, <i>Labview application for wireles modems communication and testing</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, 28-30 Octombrie, 2010 , Iaşi, Romania, cu ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg. I-325 – I-328, N=1/5=0,2	0,2
V38. Maria Ursan , George-Andrei Ursan , Vlad-Andrei Scarlatache, Razvan Rusei, <i>Practical method for detecting defects in conductive materials</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, 28-30 Octombrie, 2010 , Iaşi, Romania, cu ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg I-363 – I-366, N=1/4=0,25	0,25
V39. Alexandru-Mihnea Spiridonica , Pruteanu Andrei, George-Andrei Ursan and Elges Astrid, <i>A matlab application for managing the variation of industrial processes using the process capability indices</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, 28-30 Octombrie 2010 , Iaşi, Romania, cu ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg 337–341, N=1/4=0,25	0,25
V40. Alexandru-Mihnea Spiridonica , Marius Pîslaru, George-Andrei Ursan , Elges Astrid, <i>The optimization of services quality in a distribution and repairing company of hardware components based on fuzzy modeling</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, 28-30 Octombrie, 2010 , Iaşi, Romania, cu ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg 346–351, N=1/4=0,25	0,25
V41. Andrei Pruteanu , Vlad-Andrei Scarlatache, George-Andrei Ursan and Rusei Răzvan, <i>A brief overview on supercapacitors and theirs possible applications</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, 28-30 Octombrie, 2010 , Iaşi, Romania, cu ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg.367–370, N=1/4=0,25	0,25
V42. Olga Plopa , George-Andrei Ursan , Astărăstoe Daniela, <i>Implementation of virtual impedancemeter</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, 28-30 Octombrie, 2010 , Iaşi, Romania, cu ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg.371–374, N=1/3=0,33	0,33
V43. George-Andrei Ursan , Alexandru Salceanu, Emil Vremera, Maria Ursan, <i>New Applications of Radar Sensors for Safe Driving</i> , 7TH International Conference on Electromechanical and Power Systems, (ISBN vol. 2: 978-606-520-623-6), 6-10 Oct. 2009 , Iasi, Romania, pg. 187-190, N=1/4=0,25	0,25
V44. Maria Ursan , Romeo-Cristian Ciobanu, George-Andrei Ursan , <i>Simulation of Nanoconductive Composites for Electromagnetic Shields</i> , 7TH International Conference on Electromechanical and Power Systems, (cu ISBN GENERAL: 978-606-520-618-2 şi cu ISBN vol. 1: 978-606-520-617-5), 6-10 Octombrie, Iaşi, România, 2009 , pag. 485-488, N=1/3=0,33	0,33
V45. Maria Ursan , Cornelia Varga, George-Andrei Ursan , Cristina Schreiner, <i>Measurements of Rotation Angles Using Hall Sensors Connected in Difference</i> , 7 TH International Conference on Electromechanical and Power Systems, cu ISBN GENERAL: 978-606-520-618-2 şi cu ISBN vol. 1: 978-606-520-617-5), 6-10 Octombrie, 2009 , Iaşi, România, pag. 250-253, N=1/4=0,25	0,25
V46. George-Andrei Ursan , Emil Vremere, Maria Ursan, Olga Plopa, <i>Hybrid Electrical Vehicle, Control System for Parallel Design</i> , 3rd International Symposium on Electrical Engineering and Energy Converters, (cu ISSN 2066-835X), 24-25 Septembrie, 2009 , 151 Suceava, România, N=1/4=0,25	0,25

3. Proiecte de cercetare-dezvoltare (P1, P2 etc.) pe bază de contract/ grant, precum și alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz, prin care se aduc contribuții la dezvoltarea mediului educațional/ cultural/ economic/ social etc.

	Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiție internațională	Punctaj
P	P1 PNIII - ERANET-EURONANOMED-INTREPIDUS-1, nr. 193/2020, "Membrane nanoporoase pentru pseudolivrarea intratecală a medicamentelor", 2020-2023, Membru în echipa de cercetare (11.11%) Valoare TUIasi 2020-24350 lei, 2021-185060 lei $40 \times (24350/106413 + \dots) \times 11,11\% = 1,02$	1,02
	P2 PNIII - ERANET, MANUNET-III nr. 149/2020, "Biosenzori bazati pe arhitecturi nanofluidice pentru detectia proteinelor umane", 2020-2022, Membru în echipa de cercetare (5.88%) Valoare TUIasi 2020-190000 lei, 2021-223250 lei $40 \times (190000/106413 + \dots) \times 5,88\% = 4,20$	4,20
	P3 PNIII - ERANET, COFUND-MANUNET, nr. 18/2018, "Tehnologie de fabricare a filmelor conductive anizotropice nanostructurate cu arhitectură adaptabilă sub acțiunea câmpului electromagnetic, pentru aplicații electronice și biomedicale", 2018-2020, Membru în echipa de cercetare (5,26%) Valoare TUIasi 2019-271426 lei, 2020-63000 lei $40 \times (271426/87040 + 63000/106413) \times 5,26\% = 7,81$	7,81
	P4 PNIII - ERANET, COFUND-MANUNET, nr. 17/2018, "Îmbunătățirea tehnologiilor de printare pentru fabricarea economică a sistemelor de analiză tip Point of Care", 2018-2020, Membru în echipa de cercetare (5,88%). Valoare TUIasi 2019-204688 lei, 2020-45000 lei $40 \times (204688/87040 + 45000/106413) \times 5,88\% = 6,53$	6,53
	P5 PNII - ERANET, nr. 7-042/2011, "Tehnologii inovative de asamblare-dezasamblare a componentelor nemetalice industriale, bazate pe adezivi electro-activi nanostructurați", 2011-2012, Membru în echipa de cercetare (4,55%). Valoare TUIasi 2011-306500 lei, 2012-322419,68 lei $40 \times (306500/102539,8 + 322419,68/140987) \times 4,55\% = 9,59$	9,59
	P6 PNII - ERANET, nr. 7-038/2018, "Dezvoltarea de biosenzori prin intermediul unei tehnologii inovative de electroacoperire a structurilor carbonice cu polimeri activi", 2011-2013, Membru în echipa de cercetare (3,85%). Valoare TUIasi 2011-127280 lei, 2012-127017,76 lei, 2013-126984,86 lei $40 \times (127280/102539,8 + 127017,76/140987 + 126984,86/247925) \times 3,85\% = 4,08$	3,85

Note:

(1) Fiecare lucrare este prezentată, în limba în care a fost publicată / expusă, corespunzător structurii "I, II, III, IV, V, VI", unde:

I - indicativul (T1, T2 etc.; Ca1, Ca2 etc.; ...), care se scrie "bold" la lucrările realizate după acordarea ultimului titlu didactic/ grad profesional (**Ca1, I1** etc., după caz);

II - autorii în ordinea din publicație, cu scriere "bold" a candidatului;

III - *titlul*, scris "italic";

IV - editura sau revista sau manifestarea și/sau alte elemente de localizare, după caz;

V - intervalul de pagini din publicație, respectiv, pp ...-..., numărul total de pagini, respectiv, ... pg., sau alte date similare, după caz;

VI - anul sau perioada de realizare, după caz;

(2) În cadrul fiecărui grup de lucrări (Ca1, Ca2 etc.; I1, I2 etc. ; ...), lucrările sunt în ordine invers cronologică;

(3) În cazul în care o grupă de lucrări nu se regăsește în activitatea candidatului, respectiva grupă poate fi eliminată din listă;

(4) Candidații au libertatea să completeze lista și cu alte grupe de lucrări.

Data:

17.01.2022

Candidat,
Asist.univ.dr.ing. Ursan George-Andrei