

Concurs pentru ocuparea postului poz. **21**, de **asistent universitar**,
 Departamentul de **Electrotehnică**,
 Facultatea de **Inginerie Electrică, Energetică și Informatică Aplicată**,
 Disciplinele: **Teoria circuitelor electrice I**
Teoria circuitelor electrice II
Bazele electrotehnicii

Domeniul **Inginerie Electrică**,

Post publicat în Monitorul Oficial al României Partea a III-a nr. **368** din **06.05.2021**

LISTA DE LUCRĂRI

Candidat: **Ursan P. Maria**, - **Dr./** din anul 2011,

1° Teza de doctorat

T1 Cercetări privind dezvoltarea și testarea de materiale compozite nano-conductive pentru ecranare electromagnetică, 2011, Universitatea Tehnică "Gheorghe Asachi" din Iași, domeniul Inginerie Electrică, conducător de doctorat prof.univ.dr.ing. Ciobanu Romeo Cristian.

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.

		Punctaj
	Articol publicat în revistă indexată în baze de date internaționale (BDI)	7,5
R	R1. 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	1
	R2. 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	1
	R3. 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	1,5
	R4. 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	1,5
	R5. 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	1

V	R6. 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	0,75
	R7. Cornelia Varga, Cristina Schreiner, Maria Ursan , George-Andrei Ursan, <i>Principles of Measurement with Hall Sensor and Sensors Reliability</i> , Buletinul Institutului Politehnic din Iasi, (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	0,75
	Articol/studiu publicat în volumul unei manifestări științifice indexate în baze de date internaționale (BDI)	18,52
	V1. 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
	V2. 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
	V3. 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., Chișinău, (BDI: IEEE Data Base, Scopus, DOI: 10.1109/SIELMEN.2019.8905857, Web of Science, WOS:000630287500066) N=4/3=1,33	1,33
	V4. Ursan George-Andrei, Plopa Olga, Contofan Cosmin, Aradoaei Mihaela, Ursan Maria , <i>Optical Evalution Systems for Anisotropic Composite Materials Quality Assessment</i> , 12th INTERNATIONAL CONFERENCE AND EXHIBITION ON ELECTROMECHANICAL AND ENERGY SYSTEMS, SIELMEN 2019, 10-11 Oct., Chișinău, (BDI: IEEE Data Base, Scopus, DOI: 10.1109/SIELMEN.2019.8905831, Web of Science, WOS:000630287500041) N=4/5=0,8	0,8
	V5. 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
	V6. 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
	V7. 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
	V8. 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

V9. 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
V10. 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), N=4/4=1	1
V11. 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), N=4/4=1	1
V12. Tudor Alexandru Ilaș; Tudor Coteț; 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), N=4/4=1	1
V13. 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), N=4/4=1	1
V14. Plopa Olga, Ursan Maria ; Tabrea Adrian, <i>Panels and profiles for constructions based on bio-composites</i> , 2014 International Conference and Exposition on Electrical and Power Engineering 16-18 October 2014, Iasi, Romania, Page(s): 873 - 876, ISBN 978-1-4799-5848-1, DOI: 10.1109/ICEPE.2014.6970036, (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000353565300162) N=4/3=1,33	1,33
V15. 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), N=4/4=1	1
V16. 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
V17. 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
V18. Vlad-Andrei Scarlatache, Maria Ursan , Romeo Cristian Ciobanu, <i>Dielectric Properties Characterization of Conductive Polymeric Materials at Temperature and Frequency Variation</i> , Optimization of Electrical and Electronic Equipment (OPTIM), 12th International Conference on, Universitatea Transilvania din Brasov, Facultatea de Inginerie Electrică și Știința Calculatoarelor, Romania, 20-22 mai, ISSN 1842-0133, 978-1-4244-7019-8, pg. 208 - 213, DOI:10.1109/OPTIM.2010.551037 (2010). (BDI: IEEE Data Base, Scopus, Web of Science, WOS:000291967300027) N=4/3=1,33	1,33

Articol/studiu publicat în volumul unei manifestări științifice neindexate în baze de date	3,23
V19. Cornelia Lorenz, Maria Ursan , George-Andrei Ursan, Tudor Ilas, <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
V20. 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
V21. 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, 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
V22. 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
V23. 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
V24. Maria Ursan , Andrei-Catalin Stan, George-Andrei Ursan, Alexandru-Mihnea Spiridonica, Astarastoe Daniela, <i>Labview application for wirelles modems communication and testing</i> , EPE 2010 Proceeding of the 6-th International Conference on Electrical & Power Engineering, 28-30 Octombrie, 2010 , Iași, 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
V25. 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 , Iași, 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
V26. Vlad-Andrei Scarlatache, Sorin Georgel Flutur, Maria Ursan , Marius Olariu și Dan Ciurea, <i>An Overview of Standardization in the Field of Electromagnetic Compatibility for the Railway Industry</i> , EPE 2010 - 6TH INTERNATIONAL CONFERENCE ON ELECTRICAL AND POWER ENGINEERING, 28-30 Octombrie 2010- Iași, Romania, ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg. I -303 – I-308, (2010). N=1/5=0,2	0,2
V27. Alexandru-Mihnea Spiridonica, Iulian Stoleriu, Maria Ursan și Elges Astrid, <i>A Matlab Application Regarding a New Method for Estimating the Limits of Statistical Control Charts</i> , EPE 2010 - 6TH INTERNATIONAL CONFERENCE ON ELECTRICAL AND POWER ENGINEERING, 28-30 Octombrie 2010 - Iași, Romania, cu ISBN general: 978-606-13-0079-2, ISBN vol. I: 978-606-13-0077-8, pg. I-342 – I-345, (2010). N=1/4=0,25	0,25
V28. 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
V29. 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 și cu ISBN vol. 1: 978-606-520-617-5), 6-10 Octombrie, Iași, România, 2009 , pag. 485-488, N=1/3=0,33	0,33

V30. 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 și cu ISBN vol. 1: 978-606-520-617-5), 6-10 Octombrie, 2009 , Iași, România, pag. 250-253, N=1/4=0,25	0,25
V31. George-Andrei Ursan, Emil Vremeră, 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

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: 19.05.2021

Candidat,
Dr.ing. Ursan Maria

