



ANEXA 1

**FISA DE EVALUARE GENERALA A STANDARDELOR UNIVERSITATII
dr.ing. Cătălin DAMIAN**

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTAJ OBTINUT	DESCRIERE
I. ACTIVITATE DE CERCETARE (70%)	Articoie științifice publicate în reviste cotată Web of Science cu factor de impact	(60 puncte * Factor Impact +25)/numar autori	117.49	<p>1. C. Damian, D. Petrisor, C. Fosalau, C. Zet, Landslide Surveillance Using A Wireless Measurement Grid, în curs de apariție, în Environmental Engineering and Management Journal, ISSN 1582-9596, FI - 1,065. Scrisoare de acceptare și recenzie în dosarul de concurs.</p> <p>2. C. Damian, M. Bordei, E.A. Tulbure, N. Munteanu, et. al., Composite Materials for Greenhouse Applications, MATERIALE PLASTICE, pp. 248-252, ISSN: 0025-5289, Decembrie, 2013, Bucuresti, Romania, FI - 0,824</p> <p>3. C. Fosalau, C. Damian, C. Zet, A high performance strain gage based on the stressimpedance effect in magnetic amorphous wires, Sensors and Actuators A: Physical, pp. 105-110, ISSN 0924-4247, Martie, 2013, FI - 2,201</p> <p>4. C. Damian, C. Fosalau, Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, Environmental Engineering and Management Journal, pp. 393-400, ISSN 1582-9596, March - Vol.10 No. 3, 2011, Iași, Romania, FI - 1,065</p> <p>5. C. Fosalau, C. Damian, C. Zet, Pspice Model for Simulating the Giant Magnetoimpedance Effect in Magnetic Amorphous Wires, METROLOGY AND MEASUREMENT SYSTEMS, pp. 171-182, ISSN 0860-8229, Vol XVI No. 1 Index, 2009, Varsovia, Poland, FI - 0,925</p>
	Articoie științifice publicate în extenso în reviste indexate BDI	15 puncte/numar autori	18.75	<p>1. C. Damian, C. Zet, E. Danila, Minimizing the fir filter area used in a fpga power computing instrument, Buletinul AGIR nr. 3/2012, iunie-august, ISSN-L 1224-7928, Online: ISSN 2247-3548, BDI: INDEX COPERNICUS INTERNATIONAL</p> <p>2. E. Danila, C. Damian, D.D. Lucahe, Energy management in a laboratory computer grid, Buletinul AGIR nr. 3/2012, iunie-august, ISSN-L 1224-7928, Online: ISSN 2247-3548, BDI: INDEX COPERNICUS INTERNATIONAL</p> <p>3. C. Seliman, O. Plopă, C. Damian, M. Crețu, Urban environment influence on the surface water quality in the city of Iași, publicată în volumul Lucrările Științifice, Seria Agronomie (cotată B+ CNCSIS și recenzată CAB International - Anglia), nr. 52, sub egida editurii "Ion Ionescu de la Brad", 2009, ISSN 1454-7414, 461-466</p> <p>4. O. Plopă, C. Seliman, C. Damian, Environmental parameters laboratory measurements with virtual instrumentation, publicată în volumul Lucrările Științifice, Seria Agronomie (cotată B+ CNCSIS și recenzată CAB International - Anglia), nr. 52, sub egida editurii "Ion Ionescu de la Brad", 2009, ISSN 1454-7414, 436-441</p>
				<p>1. E. Lunca, C. Damian, A. Salceanu, EMF Exposure Measurements on 4G/LTE Mobile Communication Networks, 8th International Conference and Exposition on Electrical and Power Engineering – EPE 2014, Iași, Romania, Oct. 16-18, 2014, pp. 545-548 (ISI - Web of Science, IEEE Xplore, SCOPUS)</p> <p>2. C. Damian, E. Lunca, M. Ilincă, Remote administration of hardware resources using TCP/IP protocol and WEB technologies, 8th International Conference and Exposition on Electrical and Power Engineering – EPE 2014, Iași, Romania, Oct. 16-18, 2014, pp. 123-126 (ISI - Web of Science, IEEE Xplore, SCOPUS)</p> <p>3. C. Damian, M. Ilincă, Implementation of Software Changes in Programming Techniques Learning, 8th International Conference and Exposition on Electrical and Power Engineering – EPE 2014, Iași, Romania, Oct. 16-18, 2014, pp. 123-126 (ISI - Web of Science, IEEE Xplore, SCOPUS)</p> <p>4. E. Lunca, C. Damian, D. Petrisor, O. Postolache, Programmable Active Filters Based on Digital Potentiometers, 7th International Conference and Exposition on Electrical and Power Engineering – EPE 2012, Iași, Romania, Oct. 25-27, 2012, pp. 787-791 (ISI - Web of Science, IEEE Xplore, SCOPUS)</p> <p>5. C. Damian, O. Postolache, J.M. Dias Pereira, C. Fosalau, P.S. Girao, Sensor Network for Water Quality Assesment, 7th International Conference and Exposition on Electrical and Power Engineering – EPE 2012, Iași, Romania, Oct. 25-27, 2012, pp. 597-600 (ISI - Web of Science, IEEE Xplore, SCOPUS)</p> <p>6. C. Damian, E. Lunca, A Low Area FIR Filter for FPGA Implementation, 34th International Conference on Telecommunications and Signal Processing – TSP 2011, Budapest, Hungary, Aug. 18-20, 2011, pp. 521-524 (ISI - Web of Science, IEEE Xplore, SCOPUS, DBLP)</p>

Articole științifice publicate în volumele conferințelor	Indexate ISI: 30 puncte/ număr autori	124.50	<p>7. E. Danila, D.D. Lucache, C. Damian, Risks in change management of engineering higher education, The 6th International Seminar Quality Management in Higher Education – QMHE 2010, pp. 51-54, ISBN: 978-973-662-568-8</p> <p>8. C. Damian, C. Zet, C. Fosalau, Hybride networks for remote measurements and control in restricted areas, Proceedings of the 6th International Conference on Management of Technological Changes MTC2009, SEPTEMBER 3rd – 5th, 2009 ALEXANDROUPOLIS, GREECE, pp 481-484, ISBN 978-960-89832-6-7</p> <p>9. C. Zet, C. Fosalau, C. Damian, Nanomaterials – a new challenge in building miniaturized measurement devices, Proceedings of the 6th International Conference on Management of Technological Changes MTC2009, SEPTEMBER 3rd – 5th, 2009 ALEXANDROUPOLIS, GREECE, pp 489-492, ISBN 978-960-89832-6-7</p> <p>10. C. Damian, C. Fosalau, C. Zet, M. Ilinca, Efficient implementation of digital signal processing algorithms with field programmable gate arrays, Proceedings of the 6th International Conference on Management of Technological Changes MTC2009, SEPTEMBER 3rd – 5th, 2009 ALEXANDROUPOLIS, GREECE, pp 613-616, ISBN 978-960-89832-6-7</p> <p>11. C. Zet, C. Damian, C. Fosalau, Creating templates for preparing nanosensors, Proceedings of the 6th International Conference on Management of Technological Changes MTC2009, SEPTEMBER 3rd – 5th, 2009 ALEXANDROUPOLIS, GREECE, pp 761-764, ISBN 978-960-89832-6-7</p> <p>12. C. Zet, C. Damian, C. Fosalau and I. Enculescu, Remote automated system for nanowire electrodeposition, 11th International Conference on Optimization of Electrical and Electronic Equipment OPTIM 2008, Brasov, ROMANIA, MAY 22-23, 2008, pp 101-105, ISBN 978-973-131-028-2</p> <p>13. C. Zet, C. Damian, C. Foșalău, V. Ilie, M. Crețu, "Advances in remote monitoring", 5th International Conference MTC 2007 Management of Technological Changes, August 25th - 26th, 2007 Alexandroupolis, Greece, pp 147-156, ISBN 978-960-8932-0-5</p>
	Indexate in BDI: 15 puncte/număr autori	10.00	<p>1. E. Lunca, C. Damian, F. Mariut, Simplifying the Communication with I2C Devices Using LabVIEW and the PC's Parallel Port, 9th International Conference on Remote Engineering and Virtual Instrumentation – REV 2012, Bilbao, Spain, Jul. 04-06, 2012, pp. 187-190 (IEEE Xplore, SCOPUS)</p> <p>2. C. Damian, C. Fosalau, E. Lunca, Virtual Instrumentation for Measuring Amorphous Magnetic Wires Strain Gauges Characteristics, 9th International Conference on Remote Engineering and Virtual Instrumentation – REV 2012, Bilbao, Spain, Jul. 04-06, 2012, pp. 195-199 (IEEE Xplore, SCOPUS)</p>
	Alte categorii: 5 puncte/număr autori	15.83	<p>1. C. Damian, L. Alboarie, A. Iftene, Using WSN and Mobile Apps for Home and Office Ambient Monitoring and Control, RoCHI 2016, Iași, Romania, ISSN 2501-9422, pp.42-45</p> <p>2. C. Zet, O. Plopă, C. Damian, C. Fosalau, Virtual impedance spectroscopy for electrolytical cells, 16th IMEKO - TC4 International Symposium – Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Sept. 22-24, 2008 - Florence, Italy, pp 651-656, ISBN 978-88-903149-3-3</p> <p>3. D. Costineanu, C. Fosalau, C. Damian, O. Plopă, Triangulation-based 3D image processing method and system with compensating shadowing errors, 16th IMEKO - TC4 Symposium – Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Sept. 22-24, 2008 - Florence, Italy, pp 460-463, ISBN 978-88-903149-3-3</p> <p>4. C. Damian, C. Zet, C. Fosalau, M. Crețu, Real, Reactive and Apparent Power Computing Using FPGA and PWM Intermediary Conversion, 16th IMEKO - TC4 Symposium – Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Sept. 22-24, 2008 - Florence, Italy, pp 301-304, ISBN 978-88-903149-3-3</p> <p>5. A.S. Fiorillo, C. Fosalau, G. Scarfone, C. Damian, „A Remote Web System for Testing PVDF Sensors”, 15th IMEKO TC4 Symposium on Novelties in Electrical Measurements and Instrumentation, Iasi, Romania, 19 - 21 September 2007, pp 509-513, ISBN 978-973-667-260-6</p> <p>6. C. Damian, C. Zet, C. Fosalau, „Virtual Potentiostat”, 15th IMEKO TC4 Symposium on Novelties in Electrical Measurements and instrumentation, Iasi, Romania, 19 - 21 September 2007, pp 596-600, ISBN 978-973-667-260-6</p> <p>7. C. Damian, C. Fosalau, C. Zet, „Wireless Communication System for Environmental Monitoring”, 1st IMEKO TC19 Symposium on Measurements and Instrumentation for Environmental Monitoring, Iasi, Romania, 19 - 21 September 2007, pp 108-112, ISBN 978-973-667-263-7</p> <p>8. C. Zet, C. Damian, C. Fosalau, „New type ADC using PWM intermediary conversion”, 12th Workshop on ADC Modelling and Testing, Iasi, Romania, 19 - 21 September 2007, pp 113-117, ISBN 978-973-667-264-4</p> <p>9. C. Damian, C. Foșalău, C. Zet, M. Crețu “Methods for Compensation of analog-to-digital converters errors”, Proceedings of the 5th International conference on electromechanical and power systems SIELMEN 2005, Chisinau-Moldova, 6-8 oct. 2005, pp. 304-307, ISBN 973-716-208-0</p> <p>10. C. Zet, C. Damian, C. Foșalău „An FPGA based peak detector for magnetostrictive current sensors”, IMEKO TC4 Symposium on Novelties in Electrical Measurements and Instrumentation, Jurata-Gdynia, Poland , 12th-15th September, 2005, pp. 179-183, ISBN 83-89786-37-0</p> <p>11. C. Foșalău, C.Zet, M.Temneanu, C. Damian, “Implementation of a measurement function using programmable logic devices”, Proceedings of the 4th International Conference on Electromechanical and Power Systems SIELEMEN 2003, Chișinău, September 26-27, 2003, pp.121-123, ISBN 9975-9704-9-4</p>
Cărți științifice publicate (doar prima ediție)	Edituri academice naționale: 50 puncte la 100 pagini/număr autori	62.50	<p>1. C. Damian, Tehnici de procesare numerică a semnalelor în instrumentație, Editura Politehnium, Iași, 2011, ISBN: 978-973-621-320-5, 132pagini</p> <p>2. G. Chiriac, R. Ilinca, C. Damian, T. Dumitriu, Instrumente informative fundamentale pentru ingineri, ISBN 978-606-687-070-2, Editura Tehnopress, Iasi - 2014, 294 pagini</p>
	Contracte nationale - director: 50 puncte pentru fiecare 500.000 lei	2.67	<p>1. 2007-2009; TD-192; Cercetări privind tehniciile de măsurare cu procesare numerică a semnalului ; Valoare: 26700</p>
			<p>1. 2007-2010, PN II Parteneriate, Contract 51-015/2007, Metodologie dielectrică nedistructivă, neinvazivă, comparativă de detectare rapidă a ingredientilor cu potential factor de risc pentru sănătate din produsele alimentare, Director: Ciobanu Romeo, nr.membri: 35, suma: 2000000 RON</p>

Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	Contracte nationale - membru: 50 puncte pentru fiecare 500.000 lei/numarul membrilor echipei de cercetare	105.81 2. 2012-2016, PN II Parteneriate, Contract 63/2012, Sistem complex de monitorizare a alunecarilor de teren utilizând traducătoare bazate pe noi materiale și tehnologii, Director: Zet Cristian, nr.membri: 7, suma: 2780000 RON 3. 2006-2007, CEEEX, Contract 110/10.08.2006, Extinderea posibilităților de masurare continuă on-line a parametrilor poluanți din apă și aer pentru un laborator de mediu, Director: Fosalau Cristian, nr.membri: 9, suma: 770000 RON 4. 2006-2008, CEEEX, Contract 51/2006, Sistem intelligent de irigare de precizie implementabil pe structuri automate cu deplasare circulară sau liniară, Director: Romeo Ciobanu, nr.membri: 12, suma: 1010000 RON 5. 2007-2008, CEEEX, Contract 132/2007, Remote instrumentation in next-generation grids, Director: Cristina Schreiner, nr.membri: 14, suma: 90160 RON 6. 2006-2008, CEEEX, Contract 202/2006, Dezvoltarea parteneriatelor c/d prin includerea excelentei românești, în vederea promovării de proiecte comune în domeniul materialelor avansate nanostructurate destinate ecranelor de protecție la radiatii electromagnetice in domeniul ghz, Director: Cristina Schreiner, nr.membri: 24, suma: 200000 RON 7. 2006-2008, CEEEX, Contract 46/2006, Ecrane pentru constructii speciale bazate pe structuri chiral-fagure, Director: Temneanu Marinel, nr.membri: 28, suma: 1200000 RON 8. 2006-2008, CEEEX, Contract 57/2006, Sistem integrat de inspectie video-inteligenta a materialelor textile dezvoltat prin metode virtuale de procesare a imaginii, Director: Temneanu Marinel, nr.membri: 23, suma: 499000 RON 9. 2007-2008, Colborative CEEEX, Contract 1/2006, Nanofire de oxizi metalici semiconductori magnetic diluați, Director: Zet Cristian, nr.membri: 10, suma: 150000 RON 10. 2012-2016, Colborative PN II, Contract 159/2012, Electrospinning de inalta eficienta, Director: Zet Cristian, nr.membri: 6, suma: 450000 RON 11. 2006-2008, CEEEX, Contract 201/2006, Dezvoltarea parteneriatelor C/D în vederea promovării unor proiecte europene în domeniul sistemelor distribuite de monitorizare a mediului, Director: Temneanu Marinel, nr.membri: 15, suma: 155400 RON 12. 2008-2010, Colborative PN II, Contract 11-060/2007, Fotodetectori bazati pe nanofire multisegment, Director: Zet Cristian, nr.membri: 6, suma: 200000 RON 13. 2009-2011, Colborative PN II, Contract 12-109/2008, Senzori bazati pe elemente de detectie nanometrice pentru aplicatii in nano-medicina, Director: Fosalau Cristian, nr.membri: 9, suma: 200000 RON 14. 2011-2011, Colborative PN II, Contract 14-114/2008, Microsenzori acustici pe baza de nanofire magnetostrictive pentru aplicatii medicale, Director: Fosalau Cristian, nr.membri: 8, suma: 225000 RON 15. 2011-2011, Colborative PN II, Contract 12-110/2008, Microsenzori magnetici implantabili pentru aplicatii medicale (MEDISENS), Director: Fosalau Cristian, nr.membri: 8, suma: 250000 RON 16. 2009-2011, Colborative CEEEX, Contract 75-157/2008, Microtraductoare cu elemente sensibile bazate pe nanofiruri magnetice, Director: Zet Cristian, nr.membri: 12, suma: 1391800 RON 17. 2006-2007, CNCSIS, Contract 21/2005, Nanofire multistrat cu structura de tip valva de spin. Proprietati de magnetorezistenta gigant., Director: Zet Cristian, nr.membri: 7, suma: 120000 RON 18. 2006-2007, CNCSIS, Contract 164/2006, 80/2007, Sistem automat de iradiere a filmelor polimerice cu un numar prestable de ioni, Director: Zet Cristian, nr.membri: 13, suma: 83000 RON
Citari si recenzii ale lucrărilor științifice	Reviste de specialitate din strainatate: (10+20*factor de impact)/numar autori, pentru fiecare citare; Reviste de specialitate din tara: (5+10*factor impact)/numar autori, pentru fiecare citare	295.81 1. Fosalau, C.; Damian, C.; Zet, C, A high performance strain gage based on the stressimpedance effect in magnetic amorphous wires, SENSORS AND ACTUATORS A-PHYSICAL, Volume: 191 Pages: 105-110 Published: MAR 1, 2013., 4 citari, total: 69.23 puncte 2. C. Damian, M. Bordei, E.A. Tulbure, N. Munteanu, et. al., Composite Materials for Greenhouse Applications, MATERIALE PLASTICE, pp. 248-252, ISSN: 0025-5289, Decembrie, 2013, Bucuresti, Romania, 2 citari, total: 4.08 puncte 3. C. Damian, C. Fosalau, Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, Environmental Engineering and Management Journal, pp. 393-400, ISSN 1582-9596, March - Vol.10 No. 3, 2011, Iasi, Romania, 11 citari, total: 121.55 puncte 4. C. Damian, E. Lunca, A Low Area FIR Filter for FPGA Implementation, 34th International Conference on Telecommunications and Signal Processing (TSP), pp. 521-524, ISBN 978-1-4577-1410-8, August 18-20, 2011, Budapest, Ungaria,, 5 citari, total: 45.49 puncte 5. C. Fosalau, C. Damian, C. Zet, Pspice Model for Simulating the Giant Magnetoimpedance Effect in Magnetic Amorphous Wires, METROLOGY AND MEASUREMENT SYSTEMS, pp. 171-182, ISSN 0860-8229, Vol XVI No. 1 Index, 2009, Varsovia, Poland,, 3 citari, total: 35.93 puncte 6. C. Damian, C. Zet, C. Fosalau, Hybride Networks for Remote Measurements and Control in Restricted Areas, Proceedings of the 6th MTC2009, pp. 481-484, ISBN 978-960-89832-6-7, September 3-5, 2009, Alexandroupolis, GREECE,, 1 citari, total: 5.03 puncte 7. C. Zet, C. Damian, C. Fosalau, New Type ADC Using PWM Intermediary Conversion, 12th Workshop on ADC Modelling and Testing, pp. 113-117, ISBN 978-973-667-264-4, September 19-21, 2007, Iasi, Romania, 2 citari, total: 6.67 puncte 8. C. Damian, C. Zet, C. Fosalau, M. Cretu, Real, Reactive and Apparent Power Computing Using FPGA and PWM Intermediary Conversion, 16th IMEKO - TC4 Symposium, ISBN 978-88-903149-3-3, September 22-24, 2008, Florence, Italy, 1 citari, total: 2.5 puncte 9. E. Lunca, C. Damian, A. Salceanu, EMF exposure measurements on 4G/LTE mobile communication networks, EPE 2014, October, 16-18, 2014, Iasi, Romania, 1 citari, total: 3.33 puncte 10. C. Damian, O. Postolache, J.M. Dias Pereira, C. Fosalau, P.S. Girao, Sensor Network for Water Quality Assesment, EPE 2012, pp. 849-852, ISBN: 978-1-4673-1171-7, October, 25-27, 2012, Iasi, Romania, 1 citari, total: 2 puncte

	Lucrari sustinute in calitate de invitat la manifestari stiintifice (conferinte, congrese, simpozioane, seminarii si ateliere de lucru)	Strainatare: 25 puncte pentru fiecare activitate	25.00	"Saving and publishing measurement data using virtual instrumentation and cloud technologies", Instrumentation & Measurement Society, www.ieee-ims.org , Virtual Instrumentation and Virtual Measurement Workshop ISCTE-IUL, June 30, Lisbon, Portugal
	Editor/Membru in Editorial Board&Advisory Board	Reviste internationale si alte reviste ale Universitatii: editor, 15 puncte pentru fiecare revista; membru, 10 puncte pentru fiecare revista	25.00	1. Membru of Editorial Board ACTA IMEKO, ISSN 2221-870x5 - 15pct. 2. Recenzor Paper ID 13035, IEEE Transactions on Instrumentation and Measurement, August 2016 - 10pct
	Participari la manifestari stiintifice	Internationale: membru comitet organizare/consiliu stiintific. 15 puncte pentru fiecare activitate;	45.00	1. Membru in comitetul de organizare EPE2010, http://www.epe.tuiasi.ro/2010/ - 15 pct 2. Membru in comitetul de recenzie EPE2014, http://www.epe.tuiasi.ro/2014/ - 15 pct 3. Membru in comitetul de recenzie EPE2016, http://www.epe.tuiasi.ro/2016/ - 15 pct
II. ACTIVITATEA DIDACTICA (30%)				
	Tratate si manuale universitare	30 puncte la 100 pagini / număr de autori	62.25	1. M. Ilinca, C. Damian, Programarea calculatoarelor pentru ingineri. Limbajul C. Note de curs, ISBN 978-606-687-289-8, Editura Tehnpress, Iasi – 2016, (218 pag * 30 / 100)/2 = 32.7 2. 1. C. Damian, M. Ilinca, Lucrari practice de programarea calculatoarelor. Limbajul C – aplicatii, ISBN 978-606-687-290-4, Editura Tehnpress, Iasi – 2016, (197 pag * 30/100)/2 = 29.55
	Materiale suport curs, seminar, lucrari practice si programe analitice	10 Puncte pentru fiecare activitate	70.00	1. Aplicatii specifice cu procesoare de semnal, Suport de curs online: www.cdamian.tuiasi.ro/asps , user: asps_2016, parola: ASPS2016, document pdf centralizat: www.cdamian.tuiasi.ro/asps/files/_suport/ASPS1_2up_70p.pdf , 70 pag 2. Programarea calculatoarelor și limbaje de programare, Suport de curs online: www.infopuc.ro , document pdf centralizat: www.infopuc.ro/resurse/_suport/PCLP_curs_4up_84p.pdf , 84pag 3. Sisteme de operare, Suport de curs online: www.cdamian.tuiasi.ro/so , user: student_so, parola: linux_2012, document pdf centralizat: www.cdamian.tuiasi.ro/so/files/_suport/SO_curs_4up_55p.pdf , 55pag 4. Computer programming and programming languages I, Suport de curs online: www.cdamian.tuiasi.ro/cpp1 , user: cpp1, parola: cpp12012, document pdf centralizat: www.cdamian.tuiasi.ro/cpp1/files/_suport/cpp1_2up_50p.pdf , 50pag 5. Programare JAVA, Suport de curs online: www.cdamian.tuiasi.ro/java , user: java_2016, parola: 1+1=2, document pdf centralizat: www.cdamian.tuiasi.ro/java/files/_suport/JAVA_curs_92p.pdf , 92pag 6. Aplicatie WEB pentru alegerea conducatorului lucrarii de licenta/dizertatie pentru Facultatea IEEIA: www.ee.tuiasi.ro/diplome 7. Aplicatie WEB pentru evaluarea cadrelor didactice de catre studenti (aplicatia permite atat preluarea aprecierilor studentilor cat si alcatura raportelor individuale pentru fiecare cadre didactic si a celor centralizatoare) www.ee.tuiasi.ro/evaluare (pagina este activa doar in perioada de evaluare, pentru testare se poate accesa pagina temporara http://www.cdamian.tuiasi.ro/evaluare/test/)

I. ACTIVITATE DE CERCETARE (70%)	II. ACTIVITATEA DIDACTICA (30%)	FINAL
848.36	132.25	633.53

Data,
ianuarie 2017

Nume,
Damian Cătălin

Justificare punctaj "citere" Anexe 1

Damian Cătălin

Crt	Lucrare	Tiplucrare	Nrautorilor	Citare	Tip citare	FI	N-5 I-10	PCT
1	Fosalau, C; Damian, C; Zet, C. A high performance strain gage based on the stressimpedance effect in magnetic amorphous wires. <i>SENSORS AND ACTUATORS A-PHYSICAL</i> , Volume: 181 Pages: 105-110 Published: MAR 1, 2013	ISI	3	Atalay, S.; Kaya, H.; Atalay, F. E.; et al., Magnetoimpedance effects in a CoNiFe nanowire array, <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> Volume: 561 Pages: 71-75 Published: JUN 5 2013	ISI	3.014	10	23.4267
2	Fosalau, C; Damian, C; Zet, C. A high performance strain gage based on the stressimpedance effect in magnetic amorphous wires. <i>SENSORS AND ACTUATORS A-PHYSICAL</i> , Volume: 181 Pages: 105-110 Published: MAR 1, 2013	ISI	3	Agra, K.; Mori, T. J. A.; Dorneles, L. S.; et al., Dynamic magnetic behavior in non-magnetostriictive multilayered films grown on glass and flexible substrates, <i>JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS</i> Volume: 355 Pages: 136-141 Published: APR 2014	ISI	2.357	10	19.0467
3	Fosalau, C; Damian, C; Zet, C. A high performance strain gage based on the stressimpedance effect in magnetic amorphous wires. <i>SENSORS AND ACTUATORS A-PHYSICAL</i> , Volume: 181 Pages: 105-110 Published: MAR 1, 2013	ISI	3	Jia, Z.; Gao, Y.; Ren, Z.; (...); Shang, Y.; Gao, S.; Research on the characteristics of a piezoelectric balance for the dynamic motion device , <i>International Journal of Industrial and Systems Engineering</i> , 2014	BDI		10	3.33333
4	Fosalau, C; Damian, C; Zet, C. A high performance strain gage based on the stressimpedance effect in magnetic amorphous wires. <i>SENSORS AND ACTUATORS A-PHYSICAL</i> , Volume: 181 Pages: 105-110 Published: MAR 1, 2013	ISI	3	Lu, Wei; Xu, Yewen; Shi, Jindan; et al., Soft magnetic properties and giant magnetoimpedance effect in thermally annealed amorphous Co68Fe4Cr3Si15B10 alloy ribbons, <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> Volume: 638 Pages: 233-238 Published: JUL 25 2015	ISI	3.014	10	23.4267
5	C. Damian, M. Bordei, E.A. Tăbure, N. Munteanu, et al. Composite Materials for Greenhouse Applications, <i>MATERIALE PLASTICE</i> , pp. 248-252, ISSN: 0025-5289 Decembrie, 2013, Bucuresti, Romania.	ISI	7	Jaya, Hallza; Omar, Mohd Firdaus; Akil, Hazizan Md; et al., Effect of Surface Modification on Sawdust Reinforced High Density Polyethylene Composites Under a Wide Range of Strain Rates, <i>MATERIALE PLASTICE</i> Volume: 53 Issue: 1 Pages: 85-90 Published: MAR 2016	ISI	0.903	5	2.00429
6	C. Damian, M. Bordei, E.A. Tăbure, N. Munteanu, et al. Composite Materials for Greenhouse Applications, <i>MATERIALE PLASTICE</i> , pp. 248-252, ISSN: 0025-5289 Decembrie, 2013, Bucuresti, Romania.	ISI	7	Meghesan-Breja, Adela; Marutou, Constantin; Cimpoi, Claudiu, Multi-residues Analysis for 88 Pesticides and Metabolites from Soil by Gas Chromatography-time - of - Flight Mass Spectrometry, <i>REVISTA DE CHIMIE</i> Volume: 66 Issue: 1 Pages: 32-38 Published: JAN 2015	ISI	0.956	5	2.08
7	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects. <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596 March - Vol 10 No 3, 2011, Iasi, Romania.	ISI	2	Battrenas, Pranas; Buckus, Raimondas; Vasarevicius, Saulius, RESEARCH AND EVALUATION OF THE INTENSITY PARAMETERS OF ELECTROMAGNETIC FIELDS PRODUCED BY MOBILE COMMUNICATION ANTENNAS, <i>JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT</i> Volume: 20 Issue: 4 Pages: 273-284 Published: 2012	ISI	1.008	5	7.54
8	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Paun, Florin Adrian; Paraijan, Mihaela; Vatavu, Niculina, INNOVATIVE METHOD FOR TESTING ELECTROSTATIC PROPERTIES OF CONVEYOR BELTS IN ORDER TO PREVENT EXPLOSION HAZARDS, <i>ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL</i> Volume: 11 Issue: 7 Pages: 1317-1321 Published: JUL 2012	ISI	1.008	5	7.54
9	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania.	ISI	2	Pawlaczek-Luszczynska, Małgorzata; Dudarewicz, Adam; Zaborowski, Kamil; et al., Noise induced hearing loss: Research in central, eastern and south-eastern Europe and newly independent states, <i>NOISE & HEALTH</i> Volume: 15 Issue: 62 Pages: 55-66 Published: JAN-FEB 2013	ISI	1.826	10	23.26
10	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Petrescu, Valentin; Borza, Sorin, RESEARCH ON NOISE POLLUTION IN DENSELY POPULATED URBAN AREAS, <i>ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL</i> Volume: 12 Issue: 2 Pages: 409-415 Published: FEB 2013	ISI	1.008	5	7.54
11	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Postolache, Octavian; Giro, Pedro Silva; Postolache, Gabriela, METHOD FOR UNOBTRUSIVE MEASUREMENT OF INDOOR AIR EFFECTS ON THE CARDIO-RESPIRATORY FUNCTIONS, <i>ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL</i> Volume: 12 Issue: 6 Pages: 1239-1254 Published: JUN 2013	ISI	1.008	5	7.54
12	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Battrenas, Pranas; Buckus, Raimondas, Measurements and analysis of the electromagnetic fields of mobile communication antennas, <i>MEASUREMENT</i> Volume: 46 Issue: 10 Pages: 3942-3949 Published: DEC 2013	ISI	1.742	10	22.42
13	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Liao, Gongyun; Sakhaefar, Maryam S.; Heitzman, Michael; et al., The effects of pavement surface characteristics on tire/pavement noise, <i>APPLIED ACOUSTICS</i> Volume: 76 Pages: 14-23 Published: FEB 2014	ISI	1.462	10	19.62
14	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Buckus, Raimondas; Strukinskienė, Birute; Raistenskis, Juozas, The assessment of electromagnetic field radiation exposure for mobile phone users, <i>VOJNOSANITETSKI PREGLED</i> Volume: 71 Issue: 12 Pages: 1138-1143 Published: DEC 2014	ISI	0.355	10	8.55
15	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Picu, Mihaela, WETLAND OF INTERNATIONAL IMPORTANCE: THE BRAILA SMALL ISLAND EXPOSED TO NOISE POLLUTION, Conference: 4th International Conference on Logistics, Informatics and Service Science Location: Beijing, PEOPLES R CHINA Date: 2014, <i>ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL</i> Volume: 14 Issue: 8 Pages: 1995-2002 Published: AUG 2015	ISI	1.008	5	7.54
16	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	Małgorzata Pawłaczek-Luszczynska, Adam Dudarewicz, Kamil Zaborowski, Małgorzata Zamojska, Mariola Siwińska-Kowalska, Noise induced hearing loss: Research in central, eastern and south-eastern Europe and newly independent states	BDI		10	5
17	C. Damian, C. Fosalau. Sources of Indoor Noise and Options to Minimize Adverse Human Health Effects, <i>Environmental Engineering and Management Journal</i> , pp. 393-400, ISSN 1582-9596, March - Vol 10 No 3, 2011, Iasi, Romania,	ISI	2	R Buckus, P Battrenas, Research and analysis of electromagnetic radiation from mobile telephone base station antennas in residential environment - Microwave Radar and Wireless ..., <i>ieeexplore.ieee.org</i> , 2012	BDI		10	5
18	C. Damian, E. Luncă. A Low Area FIR Filter for FPGA Implementation, 34th International Conference on Telecommunications and Signal Processing (TSP), pp. 521-524, ISBN 978-1-4577-1410-8 August 18-20, 2011, Bucuresti, Romania,	BDI	2	Bailey, J. Phillip; Beal, Aubrey N.; Dean, Robert N.; et al., A digital matched filter for reverse time chaos, <i>CHAOS</i> Volume: 26 Issue: 7 Article Number: 073108 Published: JUL 2016	ISI	2.049	10	25.49

19	C. Damian; E. Lunca, A Low Area FIR Filter for FPGA Implementation, 34th International Conference on Telecommunications and Signal Processing (TSP), pp. 521-524, ISBN 978-1-4577-1410-8, August 18-20, 2011, Budapest, Hungary.	BDI	2	JK Dhoobi, DYB Shukla, DKR Bhatt, FPGA Implementation of FIR Filter using Various Algorithms: A Retrospective, - International Journal of Research in ..., 2014 - Citeseer"	BDI		10	5
20	C. Damian; E. Lunca, A Low Area FIR Filter for FPGA Implementation, 34th International Conference on Telecommunications and Signal Processing (TSP), pp. 521-524, ISBN 978-1-4577-1410-8, August 18-20, 2011, Budapest, Hungary.	BDI	2	JP Bailey, AN Beal, RN Dean, MC Hamilton, "A Digital Matched Filter for Reverse Time Chaos, arXiv preprint arXiv: ..., 2015 - arxiv.org"	BDI		10	5
21	C. Damian; E. Lunca, A Low Area FIR Filter for FPGA Implementation, 34th International Conference on Telecommunications and Signal Processing (TSP), pp. 521-524, ISBN 978-1-4577-1410-8, August 18-20, 2011, Budapest, Hungary.	BDI	2	JP Bailey "Digital Reverse Time Chaos and Matched Filter Decoding, III - 2015 - holocron.lib.auburn.edu"	BDI		10	5
22	C. Damian; E. Lunca, A Low Area FIR Filter for FPGA Implementation, 34th International Conference on Telecommunications and Signal Processing (TSP), pp. 521-524, ISBN 978-1-4577-1410-8, August 18-20, 2011, Budapest, Hungary.	BDI	2	N Mathur, B Lakshmi, High throughput arbitrary sample rate converter for software radios, Instrumentation, Communication and ..., 2014 - ieexplore.ieee.org"	BDI		10	5
23	C. Fosala, C. Damian, C. Zet, Pspice Model for Simulating the Giant Magnetoresistance Effect in Magnetic Amorphous Wires, METROLOGY AND MEASUREMENT SYSTEMS, pp. 171-182, ISSN 0860-8229, Vol XVI No 1 Index 2009, Varsovia, Poland.	BDI	3	Ababei, G.; David, V.; Dafinescu, V.; et al., Omni-Directional Selective Shielding Multilayered Material for High Frequency Radiation, Conference: International Magnetics Conference (INTERMAG) Location: Vancouver, CANADA Date: MAY 07-11, 2012, Sponsor(s): IEEE, Magnet Soc, IEEE TRANSACTIONS ON MAGNETICS Volume: 48 Issue: 11 Pages: 4309-4312 Published: NOV 2012	ISI	1.277	10	11.8467
24	C. Fosala, C. Damian, C. Zet, Pspice Model for Simulating the Giant Magnetoresistance Effect in Magnetic Amorphous Wires, METROLOGY AND MEASUREMENT SYSTEMS, pp. 171-182, ISSN 0860-8229, Vol XVI No 1 Index 2009, Varsovia, Poland	BDI	3	Ababei, G.; Chiriac, H.; David, V.; et al., Omni-directional selective shielding material based on amorphous glass coated microwires, REVIEW OF SCIENTIFIC INSTRUMENTS Volume: 83 Issue: 1 Article Number: 014701 Published: JAN 2012	ISI	1.336	10	12.24
25	C. Fosala, C. Damian, C. Zet, Pspice Model for Simulating the Giant Magnetoresistance Effect in Magnetic Amorphous Wires, METROLOGY AND MEASUREMENT SYSTEMS, pp. 171-182, ISSN 0860-8229, Vol XVI No 1 Index 2009, Varsovia, Poland.	BDI	3	Jin, Y., Ghahremani, M., Gu, S., (...), Torre, E.D., Elbidweihy, H., Characterization of the mixed-phase states using self-similarity phenomenon for first-order magnetocaloric metamagnets, IEEE Transactions on Magnetics, 2012	ISI	1.277	10	11.8467
26	C. Damian, C. Zet, C. Fosala, Hybride Networks for Remote Measurements and Control in Restricted Areas, Proceedings of the 6th MTC2009, pp. 481-484, ISBN 978-960-89832-6-7, September 3-5, 2009, Alexandroupolis, GREECE,	ISIWEB	3	Creteșcu, Igor; Craciun, Ioan; Benchea, Roxana Elena; et al., DEVELOPMENT OF AN EXPERT SYSTEM FOR SURFACE WATER QUALITY MONITORING IN THE CONTEXT OF SUSTAINABLE MANAGEMENT OF WATER RESOURCES, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 12 Issue: 8 Pages: 1721-1734 Published: AUG 2013	ISI	1.008	5	5.02667
27	C. Zet, C. Damian, C. Fosala, New Type ADC Using PWM Intermediary Conversion, 12th Workshop on ADC Modeling and Testing, pp. 113-117, ISBN 978-973-667-264-4, September 19-21, 2007, Iasi, Romania	BDI	3	Simone Maier ; Xin Yu ; Holger Heimpel ; Andreas Pascht, Wideband base station receiver with analog-digital conversion based on RF pulse width modulation, Microwave Symposium Digest (IMS), 2013 IEEE MTT-S International,	BDI		10	3.33333
28	C. Zet, C. Damian, C. Fosala, New Type ADC Using PWM Intermediary Conversion, 12th Workshop on ADC Modeling and Testing, pp. 113-117, ISBN 978-973-667-264-4, September 19-21, 2007, Iasi, Romania	BDI	3	André ; Arnaldo S. R. Oliveira ; Nuno Borges Carvalho, An Agile and Wideband All-Digital SDR Receiver for 5G Wireless Communications, Euromicro Conference on Digital System Design (DSD), 2015	BDI		10	3.33333
29	C. Damian, C. Zet, C. Fosala, M. Crețu, Real, Reactive and Apparent Power Computing Using FPGA and PWM Intermediary Conversion, 16th IMEKO - TC4 Symposium, ISBN 978-88-903149-3-3, September 22-24, 2008, Florence, Italy	BDI	4	JK Dhoobi, DYB Shukla, DKR Bhatt, FPGA Implementation of FIR Filter using Various Algorithms: A Retrospective, - International Journal of Research in ..., 2014 - Citeseer"	BDI		10	2.5
30	E. Lunca, C. Damian, A. Salceanu, EMF exposure measurements on 4G/LTE mobile communication networks, EPE 2014, October, 16-18, 2014, Iasi, Romania	BDI	3	FSR Pinheiro, GS da Silva, "Assessment of non-ionizing radiation from radio frequency energy emitters in the urban area of Natal City, Brazil, Scientific Research ..., 2015 - academicjournals.org"	BDI		10	3.33333
31	C. Damian, C. Postolache, J.M. Dias Pereira, C. Fosala, P.S. Girao, Sensor Network for Water Quality Assessment, EPE 2012, pp. 849-852, ISBN: 978-1-4673-1171-7, October, 25-27, 2012, Iasi, Romania	BDI	5	"IEEE 802.15. 4 Based Water Quality Monitoring System, NM Parmar, RS Goradia - academia.edu"	BDI		10	2

17.01.2017