UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAŞI
FACULTATEA DE ELECTRONICĂ, TELECOMUNICAŢII ŞI TEHNOLOGIA INFORMAŢIEI
DEPARTAMENTUL DE TELECOMUNICAȚII ȘI TEHNOLOGII INFORMAȚIONALE
Concurs pentru ocuparea postului de **conferenţiar** poz. 10
Disciplinele postului: Programarea aplicatiilor web
Optical Communications
Microwave Devices and Circuits for Radiocommunications

FIŞA DE VERIFICARE

a îndeplinirii standardelor minimale naţionale de prezentare la concurs pentru postul de conferenţiar universitar

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Candidat: DAMIAN RADU FLORIN **/** Data naşterii: 26.03.1972, Funcţia actuală: .şef de lucrări, Data numirii în funcţia actuală: 01.10.2008 Instituţia: Universitatea Tehnică “Gheorghe Asachi” din Iaşi Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei

Se preia tabelul şi definiţiile corespunzătoare domeniului ştiinţific aferent, conform Anexei TUIASI.POB.08-A1.3.

(Modul de îndeplinire a standardelor minimale naţionale va fi prezentat în mod explicit şi va trebui însoţit de dovezi)

Nr. Crt	Domeniul activităţilor	Conditii minimale	Punctaj obtinut
1	**Activitatea didactică şi profesională (Al)**	50	113.33
2	**Activitatea de cercetare (A2)**	300	352.33
3	**Recunoaşterea şi impactul activităţii (A3)**	50	87.78
Total		400	553.44

Nr. Crt	Domeniul activităţilor	Conditii minimale	Realizat
1	**Cărţi de specialitate**	1 carte/capitol	5
2	**Articole ISI**	6 / 1 din Q1,2	9 / 2 din Q1,2
3	**Granturi câştigate ca director**	1	1
4	**Număr citări ISI**	10	21
5	**Factor de impact cumulat pentru publicatii**	4	8.008

Nr. crt	Domeniul activităţilor	Categorii si restricţii		Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
0	1	2		3		4				
1	Activitatea didactică şi profesională (Al)	Cărţi de autor sau capitole[l] de specialitate in edituri cu ISBN	Cărţi/ monografii	Al.1.1	internaţionale	50 / nr. de autori sau 100/ nr. autori cu condiţia[2]				
				Al.1.2	naţionale	50 / nr. de autori	1. Radu-Florin Damian; " Simularea circuitelor de microunde, vol 1"; Editura Lumen, Iasi, 2018, ISBN 978-973-166-486-6; 230pg. (acad)		1	50
							2. C. Posa, S. Naicu, R.F. Damian; "Incinte acustice pentru difuzoare"; Ed. Teora, 2000, ISBN 973-20-0317-0; 144 pg .(acad.)		3	16.67
		Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	Al.2.1		40 / nr. de autori	1. C. Posa, R.F. Damian; "Electroacustica, Indrumar de laborator"; Rotaprint UTI, 1998; 150 pg. (acad)		2	20
							2. R.F. Damian, I. Casian-Botez, D. Matasaru; "Comunicatii Optice, Indrumar de laborator"; Rotaprint UTI, 2005; 92 pg. (acad)		3	13.33
							3. D. Matasaru, I. Casian-Botez, R.F. Damian; "Utilizare Internet, Indrumar de laborator"; Rotaprint UTI, 2005; 82 pg. (acad)		3	13.33
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI, şi lucrări in volumele unor manifestări ştiinţifice indexate IS1		A2.1		(25+ 30 * factor impact [3]) / nr. de autori	1. S.I. Damian, L.V. Constantin, R.F. Damian; "Procesarea asistata de calculator a recalcularii alcoolemiei"; Revista Română de Medicină Legală; vol. 15, nr. 3, 2007, pg. 229-233; link: http://www.rjlm.ro/?doc=1239792459	0.108	3	9.41
							2. S.I. Damian, D. Mihai, R.F. Damian; "Interpretarea evoluţiei datelor statistice cu impact social"; Revista Medico-Chirurgicală a Societăţii de Medici şi Naturalişti din Iaşi; 112 (3), 2008, pag. 412-416; format Pubmed: Rev Med Chir Soc Med Nat Iasi. 2008 Jul-Sep;112(3):764-8.; link BDI: http://www.ncbi.nlm.nih.gov/pubmed/20201266; link:	0.25	3	10.83

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
					http://www.revmedchir.ro/32008.html			
			A2.1		3. C. Donciu, O. Costea, M. Temneanu, R. Damian, M. Branzila; "New Prototype Architecture For Automated Irrigation Based On Power Line Communications"; Springer series on "Signals and Communication Technology", capitol in "Grid Enabled Remote Instrumentation", pg. 499-509; ISBN 978-0-387-09662-9; link: http://link.springer.com/chapter/10.1007/978-0-387-09663-6_33	0.25	5	6.5
					4. Romeo-Cristian Ciobanu, Radu-Florin Damian, Cristina Schreiner; "Investigation Of The Hexachiral Honeycomb EMC Properties By Full Wave Electromagnetic Simulation"; 23rd European Conference on Modelling and Simulation ECMS 2009, June 9th - 12th, 2009, Madrid, Spain; paper 129; link: http://www.scs-europe.net/conf/ecms2009/ecms2009%20CD/ecms2009%20accepted%20papers/eee_0129_8e8b852c.pdf	0.25	3	10.83
					5. Radu-Florin Damian, Romeo-Cristian Ciobanu, Irinel Casian Botez; "Efficiency And Convergence Of The Wave Concept Iterative Procedure"; 23rd European Conference on Modelling and Simulation ECMS 2009, June 9th - 12th, 2009, Madrid, Spain; paper 128; link: http://www.scs-europe.net/conf/ecms2009/ecms2009%20CD/ecms2009%20accepted%20papers/eee_0128_09373756.pdf	0.25	3	10.83
					6. R. Ciobanu, R.F. Damian, I. Casian Botez; "Electromagnetic Characterization of chiral auxetic metamaterials for EMC applications"; Computer Standards & Interfaces; Volume 32, Issue 3, March 2010, Pages 101-109; link: http://www.sciencedirect.com/science/article/pii/S0920548909000968	1.633	3	24.66
					7. Pawel Kopyt, Radu Damian, Malgorzata Celuch,	4.873	4	42.80

Nr. crt	Domeniul activităţilor	Categorii si restricţii		Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
				A2.1			Romeo Ciobanu; "Dielectric Properties of Chiral Honeycombs - Modelling and Experiment"; Composites Science and Technology; Volume 70, Issue 7, July 2010, Pages 1080-1088; link: http://www.sciencedirect.com/science/article/pii/S0266353809003091			
							8. R Ciobanu, R Damian, T Schreiner, R Iliescu; "A LabVIEW based data acquisition system for temperature measurement of animal liver tissue with different procentage of magnetic insertions in microwave frequency range"; Electrical and Power Engineering (EPE), 2014 International Conference and Exposition on; Pages 887-890; link: http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6970039&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D6970039	0.25	4	8.12
							9. BG Ioan, V Jitaru, R Damian, SI Damian; "Study on the relationship between the concentration of ethanol in the blood, urine and the vitreous humour"; ROMANIAN JOURNAL OF LEGAL MEDICINE; 23 (3), 211-216; link: http://legmed.ro/system/revista/35/211-216.pdf; http://www.rjlm.ro/index.php/arhiv/438	0.144	4	7.33
		Articole în reviste, şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale recunoscute (BDI) [4]		A2.2		20 / nr de autori	1. R. Damian, I. Casian-Botez, D. Alexa; "An Improved Spectral Estimation For The Transmission Line Matrix Method"; Buletinul Institutului Politehnic din Iasi, Electrotehnica, Energetica, Electronica; Tom L(LIV), Fasc.3-4, 2004		3	6.67
							2. R. Damian, I. Casian-Botez, D. Alexa; "Modified Wave Definition for the Fast Wave Concept Iterative Process"; Buletinul Institutului Politehnic din Iasi, Electrotehnica, Energetica, Electronica; Tom LI (LV), Fasc.3-4, 2005, pg. 29-38; link: http://iota.ee.tuiasi.ro/~site_eth/Buletin%20IPI/2005/fasc.3-4/en/r4-en.pdf		3	6.67

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
			A2.2		3. Radu Damian, Irinel Casian, Dimitrie Alexa; "Microwave Frequencies Spectral Estimation"; International Workshop on Microwaves, Radar and Remote Sensing, Second World Congress "Safety in Aviation", Kiev, Ucraina, 19-21 septembrie 2005; pg. 165-170		3	6.67
					4. Radu Damian, Irinel Casian, Dimitrie Alexa; "Convergence Improvement In Iterative Methods"; International Workshop on Microwaves, Radar and Remote Sensing, Second World Congress "Safety in Aviation", Kiev, Ucraina, 19-21 septembrie 2005; pg. 171-175		3	6.67
					5. R.F. Damian, R. Ciobanu, M. Brînzila, M. Olariu; "Stability considerations and efficient computing in chiral materials electromagnetic simulations"; 15th IMEKO TC4 Symposium on Novelties in Electrical Measurements and Instrumentation, Iasi, Romania, 19-21 sept. 2007; pg. 110-114		4	5
					6. R.F. Damian, R. Ciobanu, C. Schreiner; "EMC tests and properties vs. microstructure for auxetic materials"; 15th IMEKO TC4 Symposium on Novelties in Electrical Measurements and Instrumentation, Iasi, Romania, 19-21 sept. 2007; pg. 105-109		3	6.67
					7. R. Damian, R. Ciobanu, C. Schreiner; "Investigation of electromagnetic applications of chiral structures"; Buletinul Institutului Politehnic din Iasi, Electrotehnica, Energetica, Electronica; Tomul LIV (LVIII), FASC. 3, 2008, pg 237-244; link: http://www.bulipi-eee.tuiasi.ro/archive/2008/fasc.3/S09/103.pdf		3	6.67
					8. Radu Damian, Cristina Bratescu, Sorin Flutur, Dinu Socotar; "Dielectric behavior of chiral based microwave shields with application in energy harvesting"; Buletinul Institutului Politehnic din Iasi, Electrotehnica, Energetica, Electronica; Tomul LVI (LX), Fasc. 4, 2010;		4	5

Nr. crt	Domeniul activităţilor	Categorii si restricţii		Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
				A2.2			link: http://www.bulipi-eee.tuiasi.ro/archive/2010/fasc.4/en/r6_f4_2010_en.pdf			
							9. Radu Damian, Ramona Burlacu, Dinu Socotar, Sorin Flutur; "Localized Thermal Effect of Microwave Energy Dissipation of Chiral Based Electromagnetic Shields"; Buletinul Institutului Politehnic din Iasi, Electrotehnica, Energetica, Electronica; Tomul LVII (LXI), Fasc. 1, 2011; link: http://www.bulipi-eee.tuiasi.ro/archive/2011/fasc.1/p4_f1_2011.pdf		5	4
		Proprietate intelectuală, brevele de invenţie, certificate ORDA		A2.3.1	Internaţionale [S]	35 / nr. de autori				
				A2.3.2	naţionale (OSIM)	25 / nr.de autori				
		Granturi / proiecte de cercetare câştigate prin compctitie [6] sau Contracte cu agcn(i economici în valoare de minim 10.000 dolari S.U.A. echivalent încasaţi [3]	Director / responsabil partener	A2.4.1.1	internaţionale	20 * ani de desfăşurare	MAGBOND; "Innovative assembling-disassembling technology of non-metallic industrial components, based on nano-structured electro-active adhesives"; 2011; director: Radu Damian; ERA-NET, MANUNET 7-042/2011		2	40
				A2.4.1.2	naţionale	10 * ani de desfăşurare				
			Membru în echipă	A2.4.2.1	internaţionale	4 * ani de desfăşurare	1. CHISMACOMB; "CHIral SMArt honeyCOMB"; 2005; director: Romeo Ciobanu; FP6, STRP 013641/2005		3.5	14
							2. RINGrid; "Remote Instrumentation in Next-generation Grids"; 2006; director: Romeo Ciobanu; FP6, IST 031891/2006		2	8
							3. CARBIOSENSE; "Novel bio-sensor technology based on active polymers, electrocoated on carbon structures"; 2011; director: Cristina Schreiner; ERA-NET, MANUNET 7-038/2011		3	12
				A2.4.2.1			4. CheTherDel; "Chemo - Hypertermal Delivery -		3	12

Nr. crt	Domeniul activităţilor	Categorii si restricţii		Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
							Combined chemo-hyportermal control of hepatic tumors, based on microwave activated subendothelial - targeted nano-assemblies"; 2012; director: Romeo Ciobanu; ERA NET EuroNanoMed JTC-3, EuroNanoMed 4-002			
							5. INTCERSEN; "Integrated sensors with microfluidic features using LTCC technology"; 2015; director: Cristina Schreiner; M-ERA.NET, 9(1132)/2015		3	12
							6. HarvEnPiez; "Innovative nano-materials and architectures for integrated piezoelectric energy harvesting applications"; 2016; director: Romeo Ciobanu; M-ERA.NET, 50(3184)/2016		3	12
							7. SMART URBAN ISLE; "Smart bioclimatic low-carbon urban areas as innovative energy isles in the sustainable city"; 2016; director: Romeo Ciobanu; ERA-NET - Cofund, 83/2016		2	8
				A2.4.2.2	naţionale	2 * ani de desfăşurare	1. CORINT; "Materiale inteligente tip ChiralFagure pentru aplicatii multisectoriale"; 2006; director: Romeo Ciobanu; CNMP, CORINT 115/2006		2	4
							2. Postdoc; "Sisteme virtuale si distribuite de management a calitatii si mentenantei"; 2006; director: Cristina Schreiner; CNMP, CEEX 5929/2006		3	6
							3. FOOD-QUAL; "Dezvoltarea capacitatii de integrare a României in cadrul programelor, platformelor si retelelor europene in domeniul metodelor comparative neinvazive si nedistructive de analiza a calitatii si securitatatii alimentelor"; 2006; director: Romeo Ciobanu; CNMP, CEEX M3 173/2006		2	4
				A2.4.2.2			4. BCN-NET; "Dezvoltarea capacitatii de integrare a României în cadrul programelor, platformelor si retelelor europene in domeniul obtinerii de biocompozite cu aplicatii multisecoriale"; 2006; director: Romeo		2	4

Nr. crt	Domeniul activităţilor	Categorii si restricţii		Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
							Ciobanu; CNMP, CEEX M3 179/2006			
							5. E - MANAGE; "Dezvoltarea capacitatii de integrare a României în cadrul programelor, platformelor si retelelor europene in domeniul sistemelor virtuale si distribuite de design si management al cercetarii"; 2006; director: Cristina Schreiner; CNMP, CEEX M3 188/2006		2	4
							6. EPRM-NET; "Dezvoltarea parteneriatelor C/D prin includerea excelentei romanesti, în vederea promovării de proiecte comune în domeniul materialelor avansate nanostructurate destinate ecranelor de protectie la radiatii electomagneice in domeniul GHz"; 2006; director: Valeriu David; CNMP, CEEX M3 202/2006		2	4
							7. CHIRAL-EMC; "Ecrane pentru constructii speciale bazate pe structuri chiral-fagure"; 2006; director: Valeriu David; CNMP, CEEX M1 46/2006		2	4
							8. PET-BIO-COMP; "Biocompozite obtinute prin reciclarea deseurilor de PET si utilizarea de derivati ligno-celulozici"; 2006; director: Romeo Ciobanu; CNMP, CEEX M1 79/2006		2	4
							9. CORINT; "Remote instrumentation in next-generation grids"; 2007; director: Romeo Ciobanu; CNMP, CEEX 132/2007		2	4
							10. FOODIEL; "Metodologie dielectrică nedistructivă, neinvazivă, comparativă de detectare rapidă a potențialilor ingredienți cu factor de risc din produsele alimentare"; 2007; director: Romeo Ciobanu; CNMP, PN2 51-015/2007		3	6
							11. Postdoc; "Studii postdoctorale în domeniul eticii politicilor de sănătate"; 2010; director: Vasile Astarastoaie; ANCS, POSDRU/89/1.5/S/61879		2.5	5
3	**Recunoaştere**	Citări [7] în cărţi,		A3.1.1	cărţi, ISI	8 / nr. aut art.	Pawel Kopyt, Radu Damian, Malgorzata Celuch, Romeo		**4**	**40**

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
	a şi impactul activităţii (A3)	reviste şi volume ale unor manifestări ştiinţifice		[8]	citat	Ciobanu; "Dielectric Properties of Chiral Honeycombs - Modelling and Experiment"; Composites Science and Technology; Volume 70, Issue 7, July 2010, Pages 1080-1088; link: http://www.sciencedirect.com/science/article/pii/S0266353809003091 **citat de:**			
						1. C. Lira, F. Scarpa; "Transverse shear stiffness of thickness gradient honeycombs"; Composites Science and Technology; Volume 70, Issue 6, June 2010, Pages 930-936 ; link: http://www.sciencedirect.com/science/article/pii/S0266353810000667	Q1/2		4
						2. Yanhong Ma, Fabrizio Scarpa, Dayi Zhang, Bin Zhu, Lulu Chen and Jie Hong; "A nonlinear auxetic structural vibration damper with metal rubber particles"; Smart Materials and Structures; Volume 22 Number 8 ; link: http://iopscience.iop.org/0964-1726/22/8/084012	Q1/2		4
						3. Qing Zheng, Hualin Fan, Jun Liu, Yao Ma, Lin Yang; "Hierarchical lattice composites for electromagnetic and mechanical energy absorptions"; Composites Part B: Engineering; Volume 53, October 2013, Pages 152–158; link: http://www.sciencedirect.com/science/article/pii/S1359836813002059	Q1/2		4
						4. Q Zhang, X Yang, P Li, G Huang, S Feng and all; "Bioinspired engineering of honeycomb structure–Using nature to inspire human innovation"; Progress in Materials Science; 74 (2015) 332–400; link: http://www.sciencedirect.com/science/article/pii/S0079642515000377	Q1/2		4
			A3.1.1			5. Veysel Alankaya; "Analytical study on the mechanical performance of composite sandwich shells for dielectric radar domes"; Journal of Sandwich Structures and Materials; Volume: 19 Issue: 1 Pages:	Q1/2		4

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
					108-130 Published: JAN 2017; link: http://jsm.sagepub.com/content/early/2015/10/26/1099636215613296.abstract			
					6. João Valente , Eric Plum , Ian J. Youngs , and Nikolay I. Zheludev; "Nano- and Micro-Auxetic Plasmonic Materials"; Advanced Materials; Adv. Mater. 2016, 28, 5176–5180; format Pubmed: Adv. Mater. 2016, 28, 5176–5180; link: http://onlinelibrary.wiley.com/wol1/doi/10.1002/adma.201600088/full	Q1/2		4
					7. Feng, Jiang; Zhang, Yichen; Wang, Peng; et al.; "Oblique incidence performance of radar absorbing honeycombs"; Composites Part B-Engineering; Volume: 99 Pages: 465-471 Published: AUG 15 2016; link: https://www.sciencedirect.com/science/article/pii/S1359836816309829 ;link: https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=78&SID=N2VniXFaAMGxqihFNkL&page=1&doc=2	Q1/2		4
					8. Ismael Barba, A.C.L. Cabeceira, A.J. García-Collado, G.J. Molina-Cuberos, J. Margineda and J. Represa; "Quasi-planar Chiral Materials for Microwave Frequencies"; Electromagnetic Waves Propagation in Complex Matter, InTech, Croatia, 2011; ISBN 978-953-307-445-0, Hard cover, 572 pages, pp. 97 - 116; link: http://www.intechopen.com/books/electromagnetic-waves-propagation-in-complex-matter/quasi-planar-chiral-materials-for-microwave-frequencies			2
			A3.1.1		9. Olszewska, M.; Gwarek, W.; "A novel wide-band microwave absorber with a decreased thickness"; Microwave Radar and Wireless Communications (MIKON), 2012; 19th International Conference on , vol.2, no., pp.446,450, 21-23 May 2012; link: http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6			2

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
					233572&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D6233572			
					10. V. H. Carneiro, J. Meireles, H. Puga; "Auxetic materials — A review"; Materials Science-Poland; October 2013, Volume 31, Issue 4, pp 561-571; link: http://link.springer.com/article/10.2478/s13536-013-0140-6			2
					11. Sergio Luiz Moni Ribeiro FilhoI; Thais A. A. SilvaI; Luciano Machado Gomes VieiraI; Túlio Hallak PanzeraI; Katarzyna BobaII; Fabrizio Scarpa; "Geometric Effects of Sustainable Auxetic Structures Integrating the Particle Swarm Optimization and Finite Element Method"; Materials Research; vol.17 no.3 São Carlos May/June 2014 Epub Mar 11, 2014; format Pubmed: Mat. Res. vol.17 no.3; link: http://www.scielo.br/scielo.php?pid=S1516-14392014005000024&script=sci_arttext			2
					12. Teik-Cheng Lim; "Micromechanical Models for Auxetic Materials"; Auxetic Materials and Structures; ISBN 978-981-287-274-6, ch. 2; link: http://link.springer.com/chapter/10.1007/978-981-287-275-3_2			2
					13. Qiu, Kepeng; Feng, Shuqi; Wu, Chen; et al.; "Calculation of Effective Permittivity and Optimization of Absorption Property of Honeycomb Cores with Absorbing Coatings"; Materials Science-Medziagotyra; Volume: 22 Issue: 3 Pages: 317-322 Published: 2016; link: http://matsc.ktu.lt/index.php/MatSc/article/view/8456/8037			2
			A3.1.1		R. Ciobanu, R.F. Damian, I. Casian Botez; "Electromagnetic Characterization of chiral auxetic metamaterials for EMC applications"; Computer Standards & Interfaces; Volume 32, Issue 3, March		**3**	**16**

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
					2010, Pages 101-109; link: http://www.sciencedirect.com/science/article/pii/S0920548909000968 **citat de:**			
					1. Joseph N Grima, Roberto Caruana-Gauci, Mirosław R Dudek, Krzysztof W Wojciechowski and Ruben Gatt; "Smart metamaterials with tunable auxetic and other properties"; Smart Materials and Structures; Volume 22 Number 8 2013; link: http://iopscience.iop.org/0964-1726/22/8/084012	Q1/2		5.33
					2. João Valente , Eric Plum , Ian J. Youngs , and Nikolay I. Zheludev; "Nano- and Micro-Auxetic Plasmonic Materials"; Advanced Materials; Adv. Mater. 2016, 28, 5176–5180; format Pubmed: Adv. Mater. 2016, 28, 5176–5180; link: http://onlinelibrary.wiley.com/wol1/doi/10.1002/adma.201600088/full	Q1/2		5.33
					3. X.G. Tang, W.H. Zhang, D.H. Bassir; "Electromagnetic Properties of Sandwich Materials with Hexagonal Honeycomb Core"; Advances in Heterogeneous Material Mechanics (2011) 3rd International Conference on Heterogeneous Material Mechanics (ICHMM-2011) May 22–26, 2011, Shanghai (Chong Ming Island), China;			2.67
					4. Ivan, M.V., Zala, A., Agop, A., (...), Teodor Iancu, D., Crişan-Dabija, R.; "Several aspects about fractalitaty role in the dynamics of complex systems"; UPB Scientific Bulletin, Series A: Applied Mathematics and Physics; 79 (3), pp. 235-246			2.67
			A3.1.1		Radu-Florin Damian, Romeo-Cristian Ciobanu, Irinel Casian Botez; "Efficiency And Convergence Of The Wave Concept Iterative Procedure"; 23rd European Conference on Modelling and Simulation ECMS 2009, June 9th - 12th, 2009, Madrid, Spain; paper 128; link:		**3**	**5.34**

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
					http://www.scs-europe.net/conf/ecms2009/ecms2009%20CD/ecms2009%20accepted%20papers/eee_0128_09373756.pdf **citat de:**			
					1. Ziar, T., Zaabat, M. and Baudrand, H.; "The study of packaging miniaturization effect on the characteristics of an active planar circuit by using the iterative method"; Int. J. Numer. Model.; Ziar, T., Zaabat, M., & Baudrand, H. (2012). The study of packaging miniaturization effect on the characteristics of an active planar circuit by using the iterative method. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields.; link: http://onlinelibrary.wiley.com/doi/10.1002/jnm.1858/abstract			2.67
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			A3.1.1		1. M. Branzila, C. Donciu; "Distributed System Architecture Using a Prototype Web E-Nose"; Springer series on "Lecture Notes in Electrical Engineering", Volume 55, capitol in "Advances in Biomedical			1.6

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
						Sensing, Measurements, Instrumentation and Systems", pg. 1-15; ISBN 978-3-642-05166-1; link: http://link.springer.com/chapter/10.1007/978-3-642-05167-8_1			
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Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
			A3.1.2		Technology; Volume 70, Issue 7, July 2010, Pages 1080-1088; link: http://www.sciencedirect.com/science/article/pii/S0266353809003091 **citat de:**			
					1. Barba, I., Grande, A., Lopez-Cabeceira, A.C., Represa, J.; "A bi-isotropic hexachiral grid in PCB"; 2017 IEEE MTT-S International Conference on Numerical Electromagnetic and Multiphysics Modeling and Optimization for RF, Microwave and Terahertz Applications, NEMO 2017; ; link: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7964251			1
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					1. R Ciobanu, JFB Villalba, T Schreiner, B Tamba; "Thermal Simulation of Biological Tissues with Magnetite Microinsertions under Microwave Energy in Support of Chemo-Hyperthermal Delivery"; 20th IMEKO TC4 International Symposium and 18th International Workshop on ADC Modelling and Testing; Benevento, Italy, September 15-17, 2014			1.33
					2. Scarpa, F.; "Auxetic and kirigami systems in multiphysics and EMC applications"; International Conference and Exposition on Electrical and Power Engineering (EPE); Iasi, 2014 ; link: http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6969862			1.33
					3. Zhou, W., Wang, J., Luo, F., (...), Huang, Z., Qing,			1.33

Nr. crt	Domeniul activităţilor	Categorii si restricţii	Subcategoril	Indicatori (kpi)	Realizare	FI	NA	Pct
			A3.1.2		Y.; "Problems faced with high-temperature microwave absorbing materials"; Materials China; 32 (8), pp. 463-472			
					4. Tesloianu, D., Ivan, M.V., Adrian, C., (...), Agop, M., Crisan-Dabija, R.; "Non-linear effects at differentiable-non-differentiable scale transition in complex fluids (II)"; Journal of Computational and Theoretical Nanoscience; 14 (7), pp. 3296-3311			1.33
					5. Bejinariu, C., Cazac, A.M., Darabont, D.C., (...), Agop, M., Constantinescu, S.; "Experimental and theoretical aspects of nanostructuring by multiaxial forging"; Journal of Computational and Theoretical Nanoscience; 14 (4), pp. 1744-1750			1.33
					6. Timofte, D., Ochiuz, L., Vasincu, D., Crumpei, G., Gavriluţ, A., Agom, M.; "Chaos and self-structuring behaviors in the dynamics of biological structures: Implications of drug release from the polymeric matrix process"; Advances in Nonlinear Dynamics Research; pages 165-200, 978-153610740-1; link: https://www.novapublishers.com/catalog/product_info.php?products_id=60710			1.33
					7. Tesloianu, D., GhizdovĂţ, V., Butuc, I., (...), Agop, M., ŞtefĂnescu, C.; "Structure coherence at small and large scales"; Journal of Computational and Theoretical Nanoscience; 12 (12), pp. 5587-5592			1.33
					8. Doroftei, B., Duceac, L.D., Iacob, D.D., (...), Agop, M., Aursulesei, V.; "The harmonic oscillator problem in the scale relativity theory. Its implications in the morphogenesis of structures at various scale resolutions"; Journal of Computational and Theoretical Nanoscience; 12 (12), pp. 5870-5881			1.33
					9. Ştefan, G., Duceac, L.D., Gaţu, I., (...), Manea, L.R., Rotaru, M.; "Structures morphogenesis in complex			1.33

Nr. crt	Domeniul activităţilor	Categorii si restricţii		Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
							systems at nanoscale"; Journal of Computational and Theoretical Nanoscience; 12 (12), pp. 5358-5362			
							R.F. Damian, R. Ciobanu, C. Schreiner; "EMC tests and properties vs. microstructure for auxetic materials"; 15th IMEKO TC4 Symposium on Novelties in Electrical Measurements and Instrumentation, Iasi, Romania, 19-21 sept. 2007; pg. 105-109 **citat de:**		**3**	**1.33**
							1. S.Ursache, M. Branzila, C. Bratescu, R. Burlacu; "FDTD implementations for electromagnetic shields"; 16th IMEKO TC4 Symposium, Exploring New Frontiers of Instrumentation and Methods for Electrical and Electronic Measurements, Sept. 22-24, 2008, Florence, Italy;			1.33
		Membru în colectivele de redacţie sau comitetele ştiinţifice ale revistelor indexate 1S1, chair, co-chair sau membru în comitetele de organizare ale manifestărilor ştiinţifice internaţionale indexate ISI |9]	Punctaj unic pentru fiecare activitat e	A3.2		10				

Nr. crt	Domeniul activităţilor	Categorii si restricţii		Subcategoril		Indicatori (kpi)	Realizare	FI	NA	Pct
		Membru în colectivele de redacţie sau comitetele ştiinţifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor ştiinţifice indexate BDI [6]	Punctaj unic pentru fiecare activitate	A3.3		6	Editura Lumen, Iaşi, din 2012			6
		Premii în domeniu conferite de Academia Româna, ASTR, AOSR, sau premii internaţionale de prestigiu.		A3.4.		15				