

Fisa de verificare a standardelor minimale necesare si obligatorii pentru conferirea titlurilor didactice din invatamantul superior si a gradelor profesionale de cercetare stabilite prin OM 6560 / 2012

Candidat: Prof.dr.ing. GRAVA Cristian

Data: 23.06.2017

Comisia: Electronica, telecomunicatii si nanotehnologie

Punctaj total: 926.934

Nr.	Domeniul activitatilor			Subcategoriile	Indicatori (kpi)	Numar	Punctaj	FI	
0	1	2	3	4	5	6	7	8	
1	Activitatea didactica si profesionala (A1)	Carti si capitole de carti de specialitate in edituri recunoscute	Carti, monografii, capitole ca autor	A1.1.1.	internationale	25	0	0	
				A1.1.2.	nationale	20	5	100	
		Material didactic/lucrari didactice	Manuale didactice	A1.2.1		10	3	30	
Total punctaj (A1)							130		
2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings		A2.1		(25+20 * fact.imp) /nr.aurori	22	228.800	11.366
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2		20/nr.aurori	20	128.667	
		Proprietate intelectuala, brevete de inventie, certificate ORDA		A2.3.1	Internationale	35/nr.aurori	0	0.000	0
				A2.3.2	nationale	25/nr.aurori	0	0.000	0
		Granturi/proiecte castigate prin competitie	Director / responsabil	A2.4.1.1	Internationale	20*ani desf.	5	120	
				A2.4.1.2	nationale	10*ani desf.	2	70	
			Membru in echipa	A2.4.2.1	Internationale	4*ani desf.	3	24	
A2.4.2.2	nationale	2*ani desf.		9	34				
Total punctaj (A2)							605.467	11.366	
3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1	carti, ISI	8/nr.aut art.citat	21	46.000	
				A3.1.2	BDI	4/nr.aut art.citat	13	18.467	
		Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si Profesor invitat	Punctaj unic pentru fiecare activitate	A3.2.1	Internationale	4	4	40	
				A3.2.2	nationale	0	0	0	
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI	Punctaj unic pentru fiecare activitate	A3.3.1	ISI	10	6	60	
				A3.3.2	BDI	6	3	18	
				A3.3.3	nationale si internationale neindexate	3	3	9	
		Premii in domeniu		A3.4.1	ASTR, academii de ramura, premii internationale	15	0	0	
A3.4.2	premiu nationale in domeniu			5	0	0			
Total punctaj (A3)							191.467		

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Conditii minimale (Ai)				
Nr.	Domeniu de activitate (A)	Necesar	Realizat	Indeplinit
A1	Activitatea didactica / profesionala (A1)	100	130.000	DA
A2	Activitatea de cercetare (A2)	500	605.467	DA
A3	Recunoasterea impactului activitatii (A3)	100	191.467	DA
Total (A)		700	926.934	DA

Conditii minimale obligatorii pe subcategorii		Necesar	Realizat	Indeplinit
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	4	5	DA
A1.2.1	Material didactic / Lucrari didactice	2	3	DA
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	12	22	DA
A2.4.1	Granturi/proiecte castigate prin competitie (Director/responsabil)	2	7	DA
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	20	34	DA
	Factor de impact cumulativ pentru publicatii	6	11.366	DA

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Activitatea didactica si profesionala (A1)						
A1.1.1. Carti, monografii, capitole ca autor - internationale						
					Punctaj	Numar
					0	0
Nr.	Autori	Titlu capitol/carte, ISBN	Editura	Anul		

A1.1.2. Carti, monografii, capitole ca autor - nationale						
					Punctaj	Numar
					100	5
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul		
1	C. Grava, V. Buzuloiu	<i>Elemente de prelucrarea și analiza imaginilor</i> , ISBN 978-973-759-377-1, 207 pag., 2007	Editura Universității din Oradea	2007		
2	C. Grava	<i>Vedere artificială și realitate virtuală</i> , ISBN 978-973-759-516-4, 210 pag., 2008	Editura Universității din Oradea	2008		
3	A. Grava, C. Grava, T. Maghiar	<i>Instalații și echipamente electrice</i> , ISBN 973-613-673-6, 243 pag., 2004	Editura Universității din Oradea	2004		
4	C. Grava, Ș. Ciurel, V. Buzuloiu	<i>Principii ale aparatelor de imagistică medicală</i> , ISBN 973-613-675-2, 201 pag., 2004	Editura Universității din Oradea	2004		
5	C. Grava	<i>Estimarea și compensarea mișcării în secvențe de imagini</i> , ISBN 973-86449-3-3, 278 pag., 2004	Seria de Matematici Aplicate și Industriale a Universității din Pitești	2004		

A1.2.1. Material didactic/lucrari didactice					Punctaj	Numar
					30	3
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul		
1	R. Albu, C. Grava	<i>Vedere Artificială. Aplicații</i> , ISBN 978-606-10-1727-0, 68 pag., 2016	Editura Universității din Oradea	2016		
2	T. Maghiar, A. Grava, T. Leuca, C. Grava	<i>Circuite electrice liniare de curent continuu. Îndrumător de laborator</i> , ISBN 973-8219-01-9, 76 pag., 2000	Editura Universității din Oradea	2009		
3	C. Grava, C. Vertan, V. Buzuloiu	<i>Prelucrarea și analiza imaginilor. Îndrumar de laborator</i> , ISBN 973-8219-05-1, 105 pag., 2003	Editura Universității din Oradea	2003		

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Activitatea de cercetare (A2)							
A2.1. Articole in reviste cotate si in volumele unor manifestari indexate ISI Proceedings					Punctaj	Numar	FI cumulat
					228.800	22	11.366
Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. autori	Punctaj		
1	T.S. Buda, T. Cerqueus, C. Grava, J. Murphy	"Rex: Representative Extrapolating Relational Databases", Elsevier Journal of Information Systems, 67, pp. 83-99, ISSN 0306-4379, DOI 10.1016/j.is.2017.03.001, 2017, Accession Number: WOS:000401600100006	2.777	4	20.135		
2	A.M. Grava, C. Grava	"Bond-Graph Modeling of an Electrical Transmission Line", Revue Roumaine des Sciences Techniques, Serie Électrotechnique et Énergétique, ISSN 0035-4066, pp. 398-401, Tome 61, Issue 4, 2016, Accession Number: WOS:000392357000016	1.036	2	22.860		
3	A.M. Grava, C. Grava	"Bond-Graph Modeling of the Equivalent Circuit of an On-Chip Spiral Inductor", Proceedings of the 22nd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), pp. 88-91, DOI: 10.1109/SIITME.2016.7777274, 2016, Accession Number: WOS:000390557400039	0.25	2	15.000		
4	M. Curilă, S. Curilă, C. Grava	"Geometry Compression for 3D Models", Revue Roumaine des Sciences Techniques, Serie Électrotechnique et Énergétique, ISSN 0035-4066, pp. 201-204, Tome 61, Issue 2, 2016, Accession Number: WOS:000381238000020	1.036	3	15.240		
5	A.M. Grava, C. Grava, O. Novac	"Bond-graph Modeling of the Equivalent Scheme of an Electrical Transmission Line", Proceedings of the 13th International Conference on Engineering of Modern Electric Systems (EMES'2015), pp. 107-110, ISBN 978-1-4799-7650-8, Oradea, Romania, 11-12 June 2015, Accession Number: WOS:000363815100027	0.25	3	10.000		

6	A.M. Grava, C. Grava, M. Novac	"Bond-Graph Modeling of the Equivalent RL and RC Scheme of the Circuits Composing an Electrical Transmission Line", Proceedings of the 13th International Conference on Engineering of Modern Electric Systems (EMES'2015), pp.103-106, ISBN 978-1-4799-7650-8, Oradea, Romania, 11-12 June 2015, Accession Number: WOS:000363815100026	0.25	3	10.000
7	O. Novac, J. Sztrik, C. Grava	"Comparative Study Regarding two Implementations of an SEC-DED Code with FPGA Circuits", Proceedings of the 13th International Conference on Engineering of Modern Electric Systems (EMES' 2015), pp.181-184, ISBN 978-1-4799-7650-8, Oradea, Romania, 11-12 June 2015, Accession Number: WOS:000363815100045	0.25	3	10.000
8	C.Grava, A.Gacsádi, I.Buciu	"A Homogeneous Algorithm for Motion Estimation and Compensation by Using Cellular Neural Networks", International Journal of Computers, Communications & Control, IF = 0,65, ISSN 1841-9836, E-ISSN 1841-9844, Vol.V (2010), No.5, pp.719-726, December 2010, Accession Number: WOS:000283908700013	1.374	3	17.493
9	A. Basarab, A. Lyshchik, C. Grava, V. Buzuloiu, P. Delachartre	"Ultrasound image sequence registration and its applications for thyroid nodular disease", Springer Journal of Signal Processing Systems, IF = 0,533, ISSN 1939-8018 (formerly the Springer Journal of VLSI Signal Processing Systems for Signal, Image, and Video Technology, ISSN 0922-5773), Special Issue of Biomedical Imaging, pp. 127-137, Vol. 55, No 1-3, April 2009, Accession Number: WOS:000264133700011	0.893	5	8.572
10	A. Gacsádi, C. Grava, O. Straciuc, I. Gavriliuț	"PDE-Based Medical Images Denoising Using Cellular Neural Networks", IEEE Proceedings of the International Symposium on Signals Circuits and Systems (ISSCS 2009), Iasi, Romania, ISBN 978-1-4244-3784-9, Vol. 2, pp. 397-400, July 9-10, 2009, Accession Number: WOS:000275854200098	0.25	4	7.500

11	C. Grava, A. Bartoli, V. Gay-Bellile, V. Buzuloiu, J.M. Lavest	"An Adaptive Multi-Resolution Algorithm for Motion Estimation in Medical Image Sequences", Proceedings of the IEEE European Conference on Circuit Theory and Design (ECCTD'07), Sevilla, Spain, ISBN 1-4244-1342-7, IEEE Catalog Number 07EX1835C, pp. 507-510, 26-30 August 2007, Accession Number: WOS:000258708400124	0.25	5	6.000
12	I. Gavriliuț, V. Tiponuț, A. Gacsádi, C. Grava	"CNN Processing Techniques for Multi-robot Coordination", Proceedings of the IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2007), Vol.1, Iași, Romania, ISBN 1-4244-0969-1, IEEE Catalog Number 07EX1678C, pp. 269-272, 12-13 July 2007, Accession Number: WOS:000250471700068	0.25	4	7.500
13	C. Grava, V. Buzuloiu, B. Augereau, C. Fernandez-Maloigne	"A Multi-Resolution Mean Field Annealing Algorithm for Motion Estimation in Medical CT Image Sequences", Proceedings of IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2007), Vol.2, Iași, Romania, ISBN 1-4244-0969-1, IEEE Catalog Number 07EX1678C, pp. 307-310, 12-13 July 2007, Accession Number: WOS:000250471700078	0.25	4	7.500
14	C. Grava, A. Gacsádi, C. Gordan, A. Grava, I. Gavriliuț	Applications of the Iterated Conditional Modes Algorithm for Motion Estimation in Medical Image Sequences, Proceedings of IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2007), Vol.2, Iași, Romania, ISBN 1-4244-0969-1, IEEE Catalog Number 07EX1678C, pp. 373-376, 12-13 July 2007, Accession Number: WOS:000250471700096	0.25	5	6.000
15	A. Basarab, H. Liebgott, C. Grava, P. Delachartre	"Two-Dimensional Sub-Sample Shift Estimation Using Plane Phase Fitting", Proceedings of the IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP, Vol. 2, Toulouse, France, ISBN 1520-6149, IEEE Catalog Number 1-4244-0469-X/06, pp. II-1152 – II-1155, May 2006, Accession Number: WOS:000245559903011	0.25	4	7.500
16	I. Gavriliuț, A. Gacsádi, C. Grava, V. Tiponuț	"Vision based algorithm for path planning of a mobile robot by using cellular neural networks", Proceedings of the IEEE International Conference on Automation, Quality&Testing, Robotics (AQTR 2006), Cluj-Napoca, Romania, ISBN 1-4244-0360-X, pp. 306-311, 25-28 May 2006, Accession Number: WOS:000241464000055	0.25	4	7.500

17	A. Gacsádi, C. Grava, V. Típonuț, P. Szolgay	"A CNN implementation of the Horn & Schunck motion estimation method", Proceedings of the 10th IEEE International Workshop on Cellular Neural Networks and Their Applications, CNNA 2006, Istanbul, Turkey, ISBN 1-4244-0640-4, IEEE Catalog Number 06TH8915C, pp. 120-124, 28-30 August 2006, Accession Number: WOS:000245392200031	0.25	4	7.500
18	A. Gacsádi, C. Grava, A. Grava	"Medical image enhancement by using cellular neural networks", Proceedings of the 32th annual IEEE International Conference on Computers in Cardiology, CinC 2005, Lyon, France, ISBN 0-7803-9337-6, IEEE Catalog Number 05CH37712, pp. 821-824, 25-28 September 2005, Accession Number: WOS:000236378300207	0.25	3	10.000
19	C. Grava, V. Buzuloiu, A. Gacsádi A., A. Grava	"Mean field annealing for motion estimation in medical image sequences", Proceedings of the IEEE International Symposium on Signals, Circuits and Systems ISSCS, Vol. I, Iași, Romania, ISBN 0-7803-9029-6, pp. 35-38, 14-15 July 2005, Accession Number: WOS:000231532900009	0.25	4	7.500
20	C. Gordan, A. Gacsádi, C. Grava, R. Reiz	Using Mathematical Morphology Elements for the Ridges Extraction of a Polynomial FM Signal Covered by a Low-Pass Filtered Gaussian Noise, Proceedings of the 7th World Multiconference on Systemics, Cybernetics and Informatics, Orlando, Florida, USA, ISBN 980-6560-06-X, pp. 84-87, 27-30 July 2003, Accession Number: WOS:000189329700008	0.25	4	7.500
21	C. Gordan, A. Gacsádi, C. Grava, R. Reiz	"Using Wavelet Transform for the Ridges Extraction of a Polynomial Frequency Modulated Signal Covered with a Zero-Mean Gaussian Noise", Proceedings of the International Conference on Computer, Communication and Control Technologies (CCCT'03), Orlando, Florida, USA, pp.37-40, August 2003, Accession Number: WOS:000189125000016	0.25	4	7.500
22	C. Grava, V. Buzuloiu, A. Grava	Comparative study of motion estimation methods for spatio-temporal interpolation, Proceedings of the IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2003), Vol.1, Iași, Romania, ISBN 0-7803-7979-9, IEEE Catalog Number 03EX720, pp. 153-156, 10-11 July 2003, Accession Number: WOS:000186628100040	0.25	3	10.000

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)					Punctaj	Numar
					128.667	20
Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. autori	Punctaj	
1	C. Grava	"Considerations regarding the CT image registration", Journal of Electrical and Electronics Engineering, ISSN 1844-6035, Vol.4, No.2, pp. 37-40, October 2011, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-82555164599&origin=resultslist&sort=plf-	Scopus	1	20.00	
2	A. Basarab, C. Grava, V. Buzuloiu, P. Delachartre	"Estimation de décalages subpixeliques par ajustement de la phase des signaux complexes", Proceedings of the XXle Colloque GRETSI (Groupe de Recherche et d'Etudes de Traitement du Signal et des Images), Troyes, France, pp. 149-152, 11-14 September 2007, http://scholar.google.ro/scholar?q=Estimation+de+d%C3%A9calage+s+subpix%C3%A9liques+par+ajustement+de+la+phase+des+signaux+complexes&btnG=&hl=ro&as_sdt=0%2C5	Google Scholar	4	5.00	
3	A. Grava, C. Grava, M. Novac, M. Pantea	"Bond-graph Methods for Electric Circuits Analysis", Journal of Electrical and Electronics Engineering, ISSN 1844-6035, Vol.5, No.2, pp. 63-66, October 2012, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-84872905745&origin=resultslist&sort=plf-f&src=s&st1=Bond-	Scopus	4	5.00	
4	C. Grava, A. Bartoli, V. Gay-Bellile, V. Buzuloiu, J.M. Lavest	"Direct Image Registration with Adaptive Multi-Resolution", Proceedings of the Vision, Video and Graphics (VVG) Workshop, University of Warwick, UK, Warwick, United Kigdom, 10 pages, 116-125, 14 September 2007, http://scholar.google.ro/scholar?hl=ro&q=Direct+Image+Registrati+on+with+Adaptive+Multi-Resolution&btnG=	Google Scholar	5	4.00	
5	A. Grava, C. Grava, M. Pantea, M. Novac	"Bond-graph Analysis of an Equivalent Magnetic Scheme of a Damper with Magneto-rheological Fluid", Journal of Electrical and Electronics Engineering, ISSN 1844-6035, Vol.4, No.2, pp. 33-36, October 2011, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-82555173712&origin=resultslist&sort=plf-f&src=s&st1=Bond-	Scopus	4	5.00	

6	C. Grava, T. Maghiar, A. Gacsádi, A. Grava	"A deterministic algorithm for motion estimation in medical image sequences", Proceedings of the International Workshop on "Computational Problems of Electrical Engineering" (CPEE), Zakopane, Poland, ISBN 83-916444-4-8, pp. 21-24, 1-4 September 2004, http://scholar.google.ro/scholar?q=A+deterministic+algorithm+for+	Google Scholar	4	5.00
7	C. Grava	"A fast motion estimation algorithm in CT image sequences", Journal of Electrical and Electronics Engineering, ISSN 1844-6035, Vol.3, No.1, pp. 87-90, June 2010, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-78650454040&origin=resultslist&sort=plf-	Scopus	1	20.00
8	A. Grava, T. Maghiar, C. Grava, N. Maghiar, V. Şoproni, M. Pantea, M. Novac, L. Coroiu	"Optimization of the Energy Transfer in Microwave Ovens using a Wave-Guide with Sloped Slits", Proceedings of the International Workshop on "Computational Problems of Electrical Engineering" (CPEE), Zakopane, Poland, ISBN 83-916444-4-8, pp. 90-92, 1-4 September 2004, http://scholar.google.ro/scholar?q=Optimization+of+the+Energy+Tran-sfer+in+Microwave+Ovens+using+a+Wave-	Google Scholar	8	2.50
9	I. Buciu, A. Gacsadi, C. Grava	"Vision based Approaches for Driver Assistance Systems", Recent Advances in Automation and Information, pp. 92-97, ISSN 1790-5117, Proceedings of the 11th WSEAS International Conference on Automation and Information (ICAI), ISBN 978-960-474-193-9, Iaşi, 13-15 June 2010, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-79952613753&origin=resultslist&sort=plf-	Scopus	3	6.67
10	A. Grava, T. Maghiar, C. Grava, V. Şoproni	"The analysis of the asynchronous motor using a multiport inductive-capacitive bond-graph model", Proceedings of the XII International Symposium on Theoretical Electrical Engineering ISTET'03, Vol. II, Warsaw, Poland, ISBN 83-916444-1-3, pp. 433-436, 6-9 July 2003, http://scholar.google.ro/scholar?q=The+analysis+of+the+asynchron-ous+motor+using+a+multiport+inductive-capacitive+bond-	Google Scholar	4	5.00

11	C. Grava, A. Gacsádi, I. Gavriluț	"Arterial elasticity maps obtained by using block-matching methods", Journal of Electrical and Electronics Engineering, ISSN 1844-6035, Vol.2, No.1, pp. 151-154, June 2009, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-79959308699&origin=resultslist&sort=plf-f&src=s&st1=Arterial+elasticity+maps+obtained+by+using+block-	Scopus	3	6.67
12	C. Grava, S.B. Golemati, P. Asvestas, K.S. Nikita, G.K. Matsopoulos	"Estimation of Arterial Wall Motion from Ultrasound Images", Proceedings of the 5th International Conference on New Trends in Signal Processing, Military Academy of Slovakia, Liptovski Mikulas, ISBN 80-8040-071-7, pp. 195-202, 24-26 May 2000, http://scholar.google.ro/scholar?q=Estimation+of+Arterial+Wall+Motion+from+Ultrasound+Images&btnG=&hl=ro&as_sdt=0%2C5	Google Scholar	5	4.00
13	I. Gavriluț, A. Gacsádi, C. Grava, O. Straciuc, L. Ţepelea	"Analysis methods of noise extraction from CT images", Journal of Electrical and Electronics Engineering, ISSN 1844-6035, Vol.2, No.2, pp. 146-149, June 2009, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-80855124198&origin=resultslist&sort=plf-	Scopus	5	4.00
14	A Gacsádi, C. Grava	"Linear interpolation of 2D-images using Cellular Neural Networks", Proceedings of the 5 th International Conference on New Trends in Signal Processing, Military Academy of Slovakia, Liptovski Mikulas, ISBN 80-8040-071-7, pp. 178-183, 24-26 May 2000, http://scholar.google.ro/scholar?q=%22Linear+interpolation+of+2D-images+using+Cellular+Neural+Networks%22&btnG=&hl=ro&as_sdt=0%2C5	Google Scholar	2	10.00
15	C. Grava, B. Augereau, C. Fernandez-Maloigne	"Medical diagnosis by using the motion information in image sequences", Journal of Electrical and Electronics Engineering, University of Oradea, Romania, ISSN 1844-6035, pp. 198-201, 2008, https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-79956266231&origin=resultslist&sort=plf-	Scopus	3	6.67

A2.3.2. Proprietate intelectuală, brevete de invenție, certificate ORDA - nationale					Punctaj	Numar	FI cumulat
					0.000	0	0
Nr.	Autori	Denumire brevet /Organism	Anul	Nr. autori	Punctaj		

A2.4.1.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - internationale					Punctaj	Numar
					120	5
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj		
1	Proiect Brâncuși (Programul de Acțiuni Integrate (PAI) între Ministerul Educației și Cercetării din România și Ministerul Afacerilor Externe din Franța), „Imagerie in-vivo de l'élasticité par échographie”, cod proiect - 14916XG/08.12.2006, 22.000 RON + 5000 Euro, http://docplayer.fr/5030851-In-lista-proiectelor-acceptate-a-fost-inclus-si-proiectul-dumneavoastra-de-cercetare.html	2007-2008	2	40		
2	Programme MIRA, "Compensation de mouvement par réseaux neuronaux cellulaires", CREATIS-INSA, Lyon, Franța, 3658 Euro, No. safir: 02006799/01	2003	1	20		
3	Grant, Programme MIRA, "Estimation du mouvement par approche Markovienne, avec prise en compte des discontinuités", CREATIS-INSA, Lyon, Franța, 36.000 FF, No. safir: 010849/01	2002	1	20		
4	"Etude prospective en imagerie pour la tomographie dynamique", proiect EGIDE, CREATIS-INSA, Lyon + LETI CEA Grenoble, 36.000 FF, Franța, N/Ref.: 305586H/P262825B	2001	1	20		
5	Grant Programme TEMPRA, "Méthodes de corrélation pour la détection et l'estimation du mouvement des parois artérielles", CREATIS-INSA, Lyon, Franța, 36.000 FF, No. safir: 99020044	2000	1	20		

A2.4.1.2. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - nationale					Punctaj	Numar
					70	2
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj		
1	Proiect CeEx (Programul Cercetare de Excelență) RP4, „Elaborarea și implementarea unor metode de asistare a diagnozei medicale în bolile cardio-vasculare, pe baza estimării de mișcare în secvențe de imagini medicale”, Contract 139.000 RON, UEFISCSU, 5945/2006, http://www.cnmp.ro/ceex/comp2_2006/oferta.php?id=100 , http://www.cnmp.ro/ceex/comp2_2006/	2006-2008	3	30		

2	Proiect „Tehnici de Analiză, Modelare și Simulare pentru Imagistică, Bioinformatică și Sisteme Complexe”, POSDRU/86/1.2/S/61756, 1.382.490 RON, E 4863/28.06.2010, http://www.master-items.ro/	2010-2013	4	40
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A2.4.2.1. Granturi/proiecte castigate prin competitie: membru in echipa - internationale				Punctaj	Numar
				24	3
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	Hungary-Romania Cross-Border Cooperation Program, "Joint development and implementation of an advanced training program in neurosciences", http://neuroteam.webhost.uoradea.ro/ , 150.000 Euro, HURO 1001/295/2.3.1	2012-2013	2	8	
2	CERN Purchase order CA 1280166 – "Software de generare și testare a traficului Ethernet pentru rețeaua CERN", CERN Geneva, membru în echipa de cercetare, UPB / 17-02-05	2002-2003	2	8	
3	"Dezvoltare de software pentru societatea franceză (ATLAS)", Franța, membru în echipa de cercetare UPB: 17-01-07	2001-2002	2	8	

A2.4.2.2. Granturi/proiecte castigate prin competitie: membru in echipa - nationale				Punctaj	Numar
				34	9
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	PNII, Idei, "Dezvoltarea unor metode de prelucrare și analiză a imaginilor computer-tomografice, utilizând rețele neuronale celulare și integrarea acestora într-un sistem de asistare a diagnozei medicale", PNII ID 668/2008, Contract nr. 645/19.01.2009, http://agacsadi.webhost.uoradea.ro/PN_II_ID_668_2008.html , http://electroinf.uoradea.ro/index.php/cercetare/proiecte.html	2009-2011	3	6	
2	"Metode de îmbunătățire a imaginilor digitale prin reducerea imperfecțiunilor cauzate de praful și zgârieturile din sistemul optic al camerei digitale", (LUMERO), membru în echipa de cercetare UPB: 17-03-01, 2003	2003	1	2	
3	"Dezvoltarea unui algoritm de detecție și recunoaștere a fețelor umane în fotografii digitale", (LUMERO) membru în echipa de cercetare UPB, 17-03-02	2003	1	2	
4	"Sistem de căutare a imaginilor prin similaritatea vizuală a conținutului", Grant CNCISIS, membru în echipa de cercetare, UPB: 17-01-18	2001	1	2	
5	"Caracterizarea fețelor persoanelor în imagini", Institutul pentru tehnologii avansate, membru în echipa de cercetare, UPB: 17-98-04	1998-2000	3	6	
6	"Metodă de înlăturare a efectului de ochi roșii din fotografii cu blitz, prin prelucrări de imagini", (LUMERO), membru în echipa de cercetare UPB: 17-02-04	2002-2003	2	4	

7	"Metode și algoritmi noi pentru prelucrarea și analiza semnalelor multidimensionale (imagini color, multispectrale și secvențe de imagini)", Ministerul Cercetării și Tehnologiei, membru în echipa de cercetare, UPB: 17-97-11	1997-1999	3	6
8	"Algoritmi și aplicații ale detecției și estimării mișcării în secvențe de imagini", Consiliul pentru Granturi al Academiei Române, număr UPB: 17-97-04, membru în echipa de cercetare	1997	1	2
9	"Algoritmi de prelucrare a imaginilor în domeniul eye-tracking", (LIAMIS), membru în echipa de cercetare UPB: 17-02-06	2002-2003	2	4

Candidat: Prof.dr.ing. GRAVA Cristian

Data: 23.06.2017

Comisia: Electronica, telecomunicatii si nanotehnologie

Recunoasterea si impactul activitatii (A3)					
A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)				Punctaj	Numar
				46.000	21
Nr.	Articol citat	Articol care citeaza	Nr.autori. art.citat	Punctaj	
1	C.Grava, A.Gacsádi, I.Buciu, "A Homogeneous Algorithm for Motion Estimation and Compensation by Using Cellular Neural Networks", International Journal of Computers, Communications & Control, ISSN 1841-9836, E-ISSN 1841-9844, Vol.V (2010), No.5, pp.715-722, December 2010, Accession Number: WOS:000283908700013	H Su, F Yang, J Song, Packet-Layer Quality Assessment for Networked Video, International Journal of Computers, Communications & Control, pp. 565-573, Vol.7, No. 3 (September), 2012, Accession Number: WOS:000305258800014	3	2.667	
2	A. Basarab, A. Lyshchik, C. Grava, V. Buzuloiu, P. Delachartre, Ultrasound image sequence registration and its applications for thyroid nodular disease, Biomedical Imaging, Springer, New-York, ISBN: 978-1-4419-1165-0, pp. 365-376, 2009, Accession Number: WOS:000258708400124	Xia, Rongmin, Thittai, Arun K., Method to Estimate the Deviation from Ideal Uniaxial Compression during Freehand Elastography, Ultrasonic Imaging, Vol: 37. Issue: 1, Pag: 70-82, Jan. 2015, Accession Number: WOS:000350487200006	5	1.600	
3		Wang Diya, Jing Bowen, Wan Jinjin, Jia Yingjie, Zhang Yu, Wan Mingxi, Contrast-based Transient Flow Vector Distribution in Arterial Stenosis based on Plane Wave Bubble Wavelet Imaging and Modified Optical Flow Method, IEEE International Ultrasonics Symposium (IUS), ISSN: 1948-5719, DOI: 10.1109/ULTSYM.2015.0420, Taipei. Taiwan, Oct. 2015, Accession Number: WOS:000366045700143	5	1.600	
4		AK Thittai, B Galaz, J Ophir, Importance of axial compression verification to correct interpretation of axial-shear strain elastograms in breast lesions, 190-198, Ultrasonic Imaging vol. 32 no. 3, July 2010, Accession Number: WOS:000280496200006	5	1.600	

5		Taher Slimi, Ines Marzouk Moussa, Tarek Kraiem, Halima Mahjoubi, Improvement of displacement estimation of breast tissue in ultrasound elastography using the monogenic signal, BioMedical Engineering OnLine, 16:19, 2017, Accession Number: WOS:000392994700002	5	1.600
6	I. Gavriluț, V. Tiponuț, A. Gacsádi, C. Grava, CNN Processing Techniques for Multi-robot Coordination, Proceedings of the IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2007), Vol.1, Iași, Romania, ISBN 1 4244-0969-1, IEEE Catalog Number 07EX1678C, pp. 269-272, 12-13 July 2007, Accession Number: WOS:000250471700068	Zhao, Teng, Wang, Ying, Market based multi-robot coordination for a cooperative collecting and transportation problem, Proceedings of IEEE SoutheastCon Conference, pp.1-6, Jacksonville, April 2013, Accession Number: WOS:000326283200041	4	2.000
7		UA Syed, F Kunwar, M Iqbal, Guided Autowave Pulse Coupled Neural Network (GAPCNN) based real time path planning and an obstacle avoidance scheme for mobile robots, Robotics and Autonomous Systems, Volume 62, Issue 4, Pages 474–486, April 2014, Accession Number: WOS:000333789600007	4	2.000
8		Shamsinejad, P.; Saraee, M.; Sheikholeslam, F., A new path planner for autonomous mobile robots based on genetic algorithm, 3rd IEEE International Conference on Computer Science and Information Technology (ICCSIT), pp. 115-120, Volume:8, 9-11 July, 2010, Accession Number: WOS:000395700500027	4	2.000
9		Chinniah, R., Subha Rani S., A sparse based rain removal algorithm for image sequences, International Journal of Robotics and Automation, Volume 29, Issue 4, pp. 441-447, 2014, Accession Number: WOS:000342963800015	4	2.000
10		Ahmed, S.U., Malik, U.A., Iqbal, M., Kunwar, F., A guided autowave PCNN for improved real time path planning, pp. 1-7, International Joint Conference on Neural Networks (IJCNN), 4-9 Aug. 2013, Accession Number: WOS:000349557200043	4	2.000

11		Chi-Cheng Cheng, Chin-Chuan Chou, Fuzzy-Based Visual Servo with Path Planning for a Ball-Plate System, Chapter in Intelligent Computing Systems, Volume 597 of the series Communications in Computer and Information Science, pp 97-107, March 2016, Accession Number: WOS:000378489600008	4	2.000
12	A. Gacsádi, C. Grava, A. Grava, Medical image enhancement by using cellular neural networks, Proceedings of the 32th annual IEEE International Conference on Computers in Cardiology, CinC 2005, Lyon, France, ISBN 0-7803-9337-6, IEEE Catalog Number 05CH37712, pp. 821-824, 25-28 September 2005, Accession Number: WOS:000236378300207	Ling Sim Choon, Abdullah Azian Azanninni, Ahmad Wan Khairunizam Wan), Design of an Automated Breast Cancer Masses Detection in Mammogram Using Cellular Neural Network (CNN) Algorithm, Advanced Science Letters, DOI: 10.1166/asl.2014.5307, Vol.20, Issue 1, pp. 254-258, Jan. 2014, Accession Number: WOS:000349495800052	3	2.667
13		JC Chedjou, K Kyamakya, A novel method combining cellular neural networks and the coupled nonlinear oscillators' paradigm involving a related bifurcation analysis for robust image contrast enhancement in dynamically changing difficult visual environments, Physica Scripta, Volume 82, Number 4, October 2010, Accession Number: WOS:000283577500002	3	2.667
14		R Leonardi, D Giordano, F. Maiorana, An evaluation of cellular neural networks for the automatic identification of cephalometric landmarks on digital images, Journal of Biomedicine and Biotechnology, Volume 2009, Accession Number: WOS:000270575500001	3	2.667
15		Corina Botoca, Mircea Botoca, Cellular neural network processing of CEUS examination. A pilot study, 12th IEEE International Symposium on Electronics and Telecommunications (ISETC), pp. 309-312, 2016, Accession Number: WOS:000390717800069	3	2.667
16		Botoca C, Cellular neural networks assisted automatic detection of elements in microscopic medical images. A preliminary study, 11th International Symposium on Electronics and Telecommunications, ISETC 2014 - Conference Proceedings, pp. 1-4, 2014, Accession Number: WOS:000366633300065	3	2.667

17	I. Buciu, A. Gacsadi, C. Grava, Vision based Approaches for Driver Assistance Systems, Recent Advances in Automation and Information, pp. 92-97, ISSN 1790-5117, Proceedings of the 11th WSEAS International Conference on Automation and Information (ICAI), ISBN 978-960-474-193-9, Iași, 13-15 June 2010, https://www-scopus-com.am.e-information.ro/record/display.uri?eid=2-s2.0-79952613753&origin=resultslist&sort=plf-f&src=s&st1=%22Vision+based+Approaches+for+	C Ramya, SS Rani, Rain Removal in Image Sequence Using Sparse Coding, pp. 361-370, Trends in Intelligent Robotics, Automation, and Manufacturing, Springer, 2012, Accession Number: WOS:000313299700040	3	2.667
18	C. Grava, A. Gacsádi, I. Gavriluț, Arterial elasticity maps obtained by using block-matching methods, Journal of Electrical and Electronics Engineering (Scopus), ISSN 1844-6035, Vol.2, No.1, pp. 151-154, June 2009, https://www-scopus-com.am.e-information.ro/record/display.uri?eid=2-s2.0-	Lee Ju Hwan, Kim Sung Min, Estimating contrast agent motion from ultrasound images using an anisotropic diffusion-based optical flow technique, Computers in biology and medicine, Vol: 43, Issue 11, pp: 1853-1862, 2013, Accession Number: WOS:000327578400023	3	2.667
19		R. Solomou, C.P. Loizou, T. Kasparis, Ultrasound Common Carotid Artery Video Simulation and Motion Analysis, XIV Mediterranean Conference on Medical and Biological Engineering and Computing 2016, Cyprus, Volume 57 of the series IFMBE Proceedings, pp 347-350, April 2016, Accession Number: WOS:000376283000068	3	2.667
20	A. Basarab, C. Grava, V. Buzuloiu, P. Delachartre, Estimation de décalages subpixeliques par ajustement de la phase des signaux complexes, Proceedings of the XXIe Colloque GRETSI (Groupe de Recherche et d'Etudes de Traitement du Signal et des Images), Troyes, France, pp. 149-152, 11-14 September 2007, http://scholar.google.ro/scholar?q=Estimation+d+e+d%C3%A9calages+subpix%C3%A9liques+par+a	Salles, S. ; Zahnd, G. ; Liebgott, H. ; Serusclat, A. ; Vray, D., Real time US-tagging combined with phase-based optical flow applied to 2D motion estimation of the carotid artery wall, 2012 IEEE International Ultrasonics Symposium (IUS), pg. 1185 – 1188, 7-10 Oct. 2012, Accession Number: WOS:000326960200244	4	2.000

21	C. Grava, A. Gacsádi, C. Gordan, A. Grava, I. Gavriluț, Applications of the Iterated Conditional Modes Algorithm for Motion Estimation in Medical Image Sequences, Proceedings of IEEE International Symposium on Signals, Circuits and Systems (ISSCS 2007), Vol.2, Iași, Romania, ISBN 1-4244-0969-1, IEEE Catalog Number 07EX1678C, pp. 373-376, 12-13 July 2007, Accession Number: WOS:000250471700096	D Woodard, G Nogin, P Koch, WA Redmond, D Racz, M. Goldszmidt, E. Horvitz, Predicting Travel Time Reliability using Mobile Phone, Transportation Research Part C, 2015, Accession Number: WOS:000393266700003	5	1.600
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A3.1.2. Citari in reviste si volume ale unor manifestari stiintifice indexate in alte baze de date internationale (BDI)				Punctaj	Numar
				18.467	13
Nr.	Articol citat	Articol care citeaza /BDI	numar autori art.citat	Punctaj	
1	I. Gavriluț, A. Gacsádi, C. Grava, V. Tiponuț, Vision based algorithm for path planning of a mobile robot by using cellular neural networks, Proceedings of the IEEE International Conference on Automation, Quality&Testing, Robotics (AQTR 2006), Cluj-Napoca, Romania, ISBN 1-4244-0360-X, IEEE Number 06EX1370, pp. 306-311, 25-28 May 2006, Accession Number: WOS:000241464000055	Schwarzlmuller, C.; Kyamakya, K., Implementing a CNN Universal Machine on FPGA: state-of-the-art and key challenges, pp. 1-5, XV International Symposium on Theoretical Engineering (ISTET), ISBN: 978-3-8007-3166-4, 22-24 June 2009, http://ieeexplore.ieee.org/document/5760667/	4	1.000	
2		Ahmed, S.U., Malik, U.A., Iqbal, K.F., Ayaz, Y., Kunwar, F., Sparsed potential-PCNN for real time path planning and indoor navigation scheme for mobile robots, pp. 1729 – 1734, International Conference on Mechatronics and Automation (ICMA), 7-10 Aug. 2011, DOI: 10.1109/ICMA.2011.5986339, http://ieeexplore.ieee.org/document/5986339/	4	1.000	

3		S Akter, AM Singh, KT Chong, DJ Lee, CNN Image Processing Based Autonomous Robot Path Planning, The Fourth International Conference on Communications and Electronics, Vietnam, August 2012, http://www.hut-icce.org/2012/TP_Agenda.html , http://research.kunsan.ac.kr:8080/temp/work/201303/20130329142056_ICCE2012-Shamina-Paper.pdf	4	1.000
4	A. Gacsádi, C. Grava, A. Grava, Medical image enhancement by using cellular neural networks, Proceedings of the 32th annual IEEE International Conference on Computers in Cardiology, CinC 2005, Lyon, France, ISBN 0-7803-9337-6, IEEE Catalog Number 05CH37712, pp. 821-824, 25-28 September 2005, Accession Number: WOS:000236378300207	Ahmad, M., Zaman, N., Jung, L.T., Ilyas, M., Rohaya, D.A., An integrated approach for medical image enhancement using wavelet transforms and image filtering, Life Science Journal, ISSN: 1097-8135, Volume 11, Issue 6, Article number 63, Pages 445-449, 2014, http://www.lifesciencesite.com/ljsj/life1106/063_24441life110614_445_449.pdf	3	1.333
5		Wang, R., Wang, G., Lan, G., Yang, X., Underwater image enhancement methods based on CNN-PDE, Journal of Information & Computational Science, Volume 11, Issue 14, Pages 4999-5006, September 2014, DOI: 10.12733/jics20104567, https://www.researchgate.net/publication/287256092_Underwater_image_enhancement_methods_based_on_CNN-PDE	3	1.333
6		Schwarzlmuller, C., Al Machot, F., Fasih, A., Kyamakya, K., Adaptive contrast enhancement involving CNN-based processing for foggy weather conditions & non-uniform lighting conditions, Proceedings of the Joint 3rd International Workshop on Nonlinear Dynamics and Synchronization, INDS'11 and 16th International Symposium on Theoretical Electrical Engineering, ISTET'11, pp. 37-46, Klagenfurt; Austria, July 2011, DOI: 10.1109/INDS.2011.6024782, http://ieeexplore.ieee.org/document/6024782/	3	1.333
7		S Senthilkumar, Virtual-reality-assisted surgery using CNN paradigm and image-processing techniques, International Journal of Biomedical Engineering and Technology, pp. 328-337, Volume 4, Number 4/2010, http://dx.doi.org/10.1504/IJBET.2010.035507	3	1.333

8		A. Fasih, C. Schwarzlmüller, J.C. Chedjou, M. Kafunda, T. Mabiku, M. Nkongolo K.K. Tanda, J.T. Ngomba, K. Kyamakya, An Ultra-fast and Adaptive Framework for FPGA-Based Real-Time Machine Vision for Advanced Driver Assistance Systems: a CNN-Based Processing Architecture, International Lakeside Conference, Velden, Austria, July 2013, http://www.uni-klu.ac.at/ifi/isys/2086.htm	3	1.333
9		Kyamakya, K., Chedjou, J.C., Latif, M.A., Khan, U.A., A novel image processing approach combining a 'coupled nonlinear oscillators'-based paradigm with cellular neural networks for dynamic robust contrast enhancement, 12th International Workshop on Cellular Nanoscale Networks and Their Applications (CNNA), pp. 1-7, February 2010, DOI: 10.1109/CNNA.2010.5430259, http://ieeexplore.ieee.org/abstract/document/5430259/	3	1.333
10	I. Buciu, A. Gacsadi, C. Grava, Vision based Approaches for Driver Assistance Systems, Recent Advances in Automation and Information, pp. 92-97, ISSN 1790-5117, Proceedings of the 11th WSEAS International Conference on Automation and Information (ICAI), ISBN 978-960-474-193-9, Iași, 13-15 June 2010, https://www-scopus-com.am.e-information.ro/record/display.uri?eid=2-s2.0-	A Olsen, A Schmidt, P Marshall, V Sundstedt, Using eye tracking for interaction, Proceedings of CHI '11 Extended Abstracts on Human Factors in Computing Systems, Pages 741-744, doi:10.1145/1979742.1979541, New York 2011, http://dl.acm.org/citation.cfm?id=1979541	3	1.333
11	C. Grava, A. Gacsádi, I. Gavriluț, Arterial elasticity maps obtained by using block-matching methods, Journal of Electrical and Electronics Engineering (Scopus), ISSN 1844-6035, Vol.2, No.1, pp. 151-154, June 2009, https://www-scopus-com.am.e-information.ro/record/display.uri?eid=2-s2.0-	Effat Soleimani, Manijhe Mokhtari Dizaji, Hajir Saberi, Shahram Shams Hakimi, Radial motion of the carotid artery wall: A block matching algorithm approach, Koomesh-Summer, 13(4), pp. 465-473, 2012, http://journals.indexcopernicus.com/issue.php?id=6342&id_issue=858769&id_lang=3	3	1.333

12	I. Gavriluț, A. Gacsádi, C. Grava, O. Straciuc, L. Tepelea, Analysis methods of noise extraction from CT images, Journal of Electrical and Electronics Engineering (Scopus), ISSN 1844-6035, Vol.2, No.2, pp. 146-149, June 2009, https://www-scopus-com.am.e-information.ro/record/display.uri?eid=2-s2.0-80855124198&origin=resultslist&sort=plf-	Gomathi V.V., Karthikeyan S, A novel ECFT algorithm to improve the excellence of computer tomography images for effective segmentation, International Journal of Tomography and Simulation, ISSN 2319-3336, Volume 28, Issue 2, pp. 46-62, 2015, http://www.ceser.in/ceserp/index.php/ijts/article/view/3427	5	0.800
13	Thèse C. Grava, Compensation de mouvement par réseaux neuronaux cellulaires. Application en imagerie médicale, Institut National des Sciences Appliquées (INSA), 206 pages, Lyon, France, Ecole Doctorale: Electrotechnique, Electronique, Automatique, Spécialité Images et Systèmes, 2003, http://www.sudoc.abes.fr/DB=2.1//SRCH?IKT=12&TRM=110273087&COOKIE=U10178,Klecteurweb,I250,B341720009+,SY,NLECTEUR+WEBOPC,D2.	Berkane, M.; Clarysse, P.; Magnin, I.E., A neural network-based approach to motion estimation with discontinuities, HIS '08. Eighth International Conference on Hybrid Intelligent Systems, pp. 356-361, 2008, DOI: 10.1109/HIS.2008.140, http://ieeexplore.ieee.org/document/4626655/	1	4.000

A3.2.1. Prezentari invitate in plenul unor manifestari stiintifice si Profesor invitat - internationale			Punctaj	Numar
			40	4
Nr.	Descriere	Anul		
1	Profesor invitat la Laboratorul Semnale, Imagine, Comunicații, de la Universitatea din Poitiers: http://www.sic.sp2mi.univ-poitiers.fr/ , Franța, mai-iunie 2006	2006		
2	Profesor invitat la Laboratorul de Științe și Materiale pentru Electronică și Automatizări (fost LASMEA), în prezent inclus în Institutul Pascal de Științe Inginerești și Sisteme, de la Universitatea Blaise-Pascal din Clermont-Ferrand, Franța, iulie-septembrie 2006, http://ip.univ-bpclermont.fr/	2006		
3	Profesor invitat la Laboratorul de Electronică-Telecomunicații-Informatică, de la Școala Superioară de Chimie-Fizică-Electronică (CPE) din Lyon, Franța, ianuarie 2009, http://cpe.fr/-Les-laboratoires-electronique-.html	2009		
4	Profesor invitat la Laboratorul de Electronică-Telecomunicații-Informatică, de la Școala Superioară de Chimie-Fizică-Electronică (CPE) din Lyon, Franța, septembrie 2008, http://cpe.fr/-Les-laboratoires-electronique-.html	2008		

A3.2.2. Prezentari invitate in plenul unor manifestari stiintifice si Profesor invitat - nationale			Punctaj	Numar
			0	0
Nr.	Descriere	Anul		

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A3.3.1. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, <i>internationale indexate ISI</i>			Punctaj	Numar
			60	6
Nr.	Descriere	Perioada		
1	Membru in comitetul de organizare si in comitetul stiintific la 13th International Conference on Engineering of Modern Electric Systems (EMES'2015), ISBN 978-1-4799-7650-8, Oradea, Romania, 11-12 June 2015, http://www.icemes.ro/icemes2015/ , http://www.icemes.ro/icemes2017/organizing-committee.html , http://www.icemes.ro/icemes2017/technical-programme-committee.html	2015, 2017		
2	Journal of Visual Communication and Image Representation, 2011,2015, 1+1= 2 recenzii	2011,2015		
3	ICIP 2014, 2015, 2016, 2017 = 4*4=16 recenzii	2014-2017		
4	EURASIP Journal on Image and Video Processing 2013, 2014, 2015 = 1+3+1=5 recenzii	2013-2015		
5	Revue roumaine des sciences techniques, Série Électrotechnique et Énergétique, 2016, 2017 = 2 recenzii	2016		
6	International Journal of Circuit Theory and Application, 2011, 1 recenzie	2011		

A3.3.2. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, <i>internationale indexate BDI</i>			Punctaj	Numar
			18	3
Nr.	Descriere	Perioada		
1	Journal of Electrical and Electronics Engineering, Scopus, ISSN 1844-6035, 2008-2017, editor, http://electroinf.uoradea.ro/index.php/editorial-board-2.html	2009 - 2014		
2	Journal of Electrical and Electronics Engineering, Scopus, ISSN 1844-6035, 2008-2017, 18 recenzii	2014		
3	Euspico 2012 = 3 recenzii	2008 - 2014		

A3.3.3. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, <i>internationale si nationale neindexate</i>			Punctaj	Numar
			9	3
Nr.	Descriere	Perioada		
1	Scientific Journals International, ISSN 1556-67575, 2006-2017, http://www.scientificjournals.org/editorial_board.htm	2006-2017		
2	EMES 2003, 2005, 2007, 2009, 2011, 2013, http://electroinf.uoradea.ro/images/articles/CERCETARE/Conferinte/2nd_Call_for_papers_EMES_2013_EL.pdf	2005-2013		
3	ICADET 2004, 2006, 2008, 2010, 2012, 2014, http://electroinf.uoradea.ro/images/articles/CERCETARE/Conferinte/1st_Call_for_papers_ICAdET_2014_EL.pdf	2004-2014		

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A3.4.1. Premii in domeniu: Academia Romana, ASTR, academii de ramura, premii internationale			Punctaj	Numar
			0	0
Nr.	Descriere	An		

A3.4.2. Premii in domeniu: nationale			Punctaj	Numar
			0	0
Nr.	Descriere	An		