

## FISA DE VERIFICARE A INDEPLINIRII STANDARDELOR MINIMALE

Candidat Emerich Maria Simina, înscris la concursul pentru ocuparea postului de Conferențiar la Facultatea de Electronică, Telecomunicații și Tehnologia Informației, Departament Comunicații, poziția 22

Criteriu / subcriteriu	Evaluare	Document doveditor
A1. Activitatea didactică / profesională (A1)	75 (minim 50)	Se regasesc în Anexa 4.1 Fisa de verificare a indeplinirii standardelor minimale necesare și obligatorii
A2. Activitatea de cercetare (A2)	340.33 (minim 250)	
A3. Recunoasterea și impactul activității (A3)	283.00 (minim 50)	
TOTAL A – indicator de merit	698.33 (minim 350)	
<b>Condiții minimale obligatorii pe subcategorii</b>		
A1.1.1.-A1.1.2 Carti și capitole în carti de specialitate	2 (minim 2)	Se regasesc în Anexa 4.1 Fisa de verificare a indeplinirii standardelor minimale necesare și obligatorii, în lista de lucrări și în documentele doveditoare anexate la dosar
A1.2.1 Material didactic / Lucrari didactice	3 (minim 1)	
A2.1. Articole în reviste cotate și în volumele unor manifestari științifice indexate ISI proceedings	14 (minim 6)	
A2.4.1 Granturi/proiecte castigate prin competitie (Director/ responsabil)	2 (minim 1)	
A3.1.1-A3.1.2 Numar de citari în carti, reviste și volume ale unor manifestari științifice ISI sau BDI	79 (minim 10)	
Factor de impact cumulat pentru publicatii	3.5 (minim 3)	

Data 06.06.2017

Semnătura



Decan,  
Prof.dr.ing. Gabriel OLTEAN

Director departament,  
Prof.dr.ing. Virgil DOBROȚĂ



Candidat: SL.dr.Ing. Emerich Simina  
Comisia: Electronica, telecomunicatii si nanotehnologie

Data: 03.06.2017

Postul vizat: Conferentiar

Conditii minimale (A1)				
Nr.	Domeniu de activitate (A)	Necesar	Realizat	Indeplinit
A1	Activitatea didactica / profesionala (A1)	50	75.000	DA
A2	Activitatea de cercetare (A2)	250	340.333	DA
A3	Recunoasterea impactului activitatii (A3)	50	283.000	DA
Total (A)		350	698.333	DA

Conditii minimale obligatorii pe subcategorii		Necesar	Realizat	Indeplinit
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	2	2	DA
A1.2.1	Material didactic / Lucrari didactice	1	3	DA
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	6	14	DA
A2.4.1	Granturi/proiecte castigate prin competitie (Director/responsabil)	1	2	DA
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	10	79	DA
	Factor de impact cumulat pentru publicatii	3	3.5	DA

Decan  
Prof. Dr. Ing. Gabriel Olean

Director departament Comunicatii  
Prof. Dr. Ing. Virgil Dobrota

Candidat  
S.L. Dr. Ing. Simina Emerich



*Emerich.*

Fișa de verificare a standardelor minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare stabilite prin OM 6560 / 2012

Candidat: **SL.dr.ing. Emerich Simina**

Comisia: **Electronica, telecomunicatii și nanotehnologie**

Postul vizat: **Conferențiar**

Data: **03.06.2017**

Punctaj total: **690.333**

Scor = punctaj total / punctaj minim CNADCU: **1.995**

Nr.	Domeniul activitatilor	7	Subcategoriile	Indicitori (nr.)	Numar	Punctaj	FI
0	Activitatea didactica si profesionala			5	6	7	
1	Carti si capitole de carti de specialitate in edituri recunoscute	Carti, monografii, capitole ca autor	A1.1.1. Internationale nationale	25	1	25	
	Material didactic/furcan didactice	Manuale didactice	A1.1.2. nationale	20	1	20	
			A1.2.1	10	3	30	
			<b>Total punctaj (A1)</b>			<b>75</b>	

	Articole in reviste cotate si in volumele unor manifestari stiintifice indertate ISI proceedings		A2.1	{25*20 * fact.imp /nr.autori	14	132.000	3.500
	Articole in reviste si volumele unor manifestari stiintifice indertate in site baze de date internationale (BDI)		A2.2	20/nr.autori	17	142.333	
	Proprietate intelectuala, brevete de inventie, certificate OKDA		A2.3.1. Internationale nationale	35/nr.autori	0	0.000	0
			A2.3.2. nationale	25/nr.autori	0	0.000	0
	Director / responsabil		A2.4.1.1. Internationale nationale	20*ani def.	0	0	
			A2.4.1.2. nationale	10*ani def.	2	40	
	Granturi/proiecte castigate prin competitie		A2.4.2.1. Internationale nationale	4*ani def.	0	0	
			A2.4.2.2. nationale	2*ani def.	5	26	
			<b>Total punctaj (A2)</b>			<b>340.333</b>	<b>3.500</b>

	Carti in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1. carti, ISI	8/nr.aut.art.citat	33	95.333	
			A3.1.2. BDI	4/nr.aut.art.citat	46	71.667	
	Prezentari invitate in plerul unor manifestari stiintifice nationale si internationale si Profesor Invitat	Punctaj unic pentru fiecare activitate	A3.2.1. Internationale nationale	10	0	0	
			A3.2.2. nationale	5	0	0	
			A3.3.1. ISI	10	6	60	
			A3.3.2. BDI	6	5	30	
	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indertate ISI	Punctaj unic pentru fiecare activitate	A3.3.3. Internationale nationale si neindertate	3	2	6	
			A3.4.1. ASTR, academiile de ramura, premii internationale	15	1	15	
	Premii in domeniu		A3.4.2. premii nationale in domeniu	5	1	5	
			<b>Total punctaj (A3)</b>			<b>283.000</b>	

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Comisia: **Electronica, telecomunicatii si nanotehnologie**

<b>Activitatea didactica si profesionala (A1)</b>					Punctaj	Numar
<b>A1.1.1. Carti, monografii, capitole ca autor - internationale</b>					<b>25</b>	<b>1</b>
Nr.	Autori	Titlu capitol/carte, ISBN	Editura	Anul		
	Simina Emerich, Eugen Lupu, Bogdan Belean, Septimiu Crisan	"Image Analysis and Coding Based on Ordinal Data Representation." book chapter in Image Feature Detectors and Descriptors: Foundations and Applications, volume 630 of the series Studies in Computational Intelligence, pp 281-303, ISBN 978-3-319-28852-9, DOI 10.1007/978-3-319-28854-3, WOS:000388669100012	Springer International Publishing	2016		

<b>A1.1.2. Carti, monografii, capitole ca autor - nationale</b>					Punctaj	Numar
					<b>20</b>	<b>1</b>
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul		
1	Simina Emerich, Eugen Lupu	Sisteme de securitate biometrica, ISBN 978-606-737-153-6	U.T.PRESS, Cluj-Napoca	2016		

<b>A1.2.1. Material didactic/lucrari didactice</b>					Punctaj	Numar
					<b>30</b>	<b>3</b>
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul		
1	Eugen Lupu, Anamaria Mesaros, Simina Moldovan	Programare in limbaj de asamblare x86, Lucrari practice, 120 pag, ISBN 973-751-146-8	Galaxia Risoprint	2006		
3	Eugen Lupu, Simina Emerich, Anca Apatean	Initiere in limbajul de asamblare x86, Lucrari practice, teste si probleme, 184 pag, ISBN 978-973-141-498-0	Galaxia Gutenberg	2012		
4	Simina Emerich, Eugen Lupu	Procesoare digitale de semnal, Lucrari practice, 96 pag, ISBN 978-973-141-542-0	Galaxia Gutenberg	2014		

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Activitatea de cercetare (A2)						
A2.1. Articole in reviste cotate si in volumele unor manifestari indexate ISI Proceedings						
Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. autori	Punctaj	Fi cumulat
1	Simina Emerich, Raul Malutan, Septimiu Crisan, László Lefkovits	'Patch based descriptors for iris recognition' in Intelligent Computer Communication and Processing (ICCP), 2016 IEEE 12th International Conference on, pp. 187-191, 2016, Cluj-Napoca, Romania, ISBN: 978-1-5090-3898-5, WOS:000391857000025	0.25	4	7.500	3.500
2	Bot, Bogdan; Emerich, Simina; Martoiu, Sorin; Belean Bogdan	FSL-based Hardware Implementation for Parallel Computation of cDNA Microarray Image Segmentation, INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS Volume: 6 Issue: 7 Pages: 20-27, 2015, ISSN: 2158-107X, WOS:000360696200004	0.25	4	7.500	
3	Raul Malutan, Simina Emerich, Olimpiu Pop, László Lefkovits	'Half Iris Biometric System based on HOG and LIOP', 2nd International Conference on Frontiers of Signal Processing (ICFSP 2016), October, 15-17, 2016, Warsaw, Poland, IEEE, ISBN 978-1-5090-3815-2, WOS: 000392406000019	0.25	4	7.500	
4	Eugen Lupu, Simina Emerich, Radu Arsinte	"Emotion Investigation Based on Biosignals", International Conference on Advancements of Medicine and Health Care through Technology, MEDITECH 2011, Springer, IFMBC Proceedings, 2011, Volume 36, Part 3, 194-197, WOS:000308454900042	0.25	3	10.000	

5	Radu Arsinte, Eugen Lupu, Simina Emerich	"A Generic Platform to Study the Basic Aspects of DVB-IPTV Conversion Process", ISSCS 2011- Proceedings of International Symposium on Signals, Circuits and Systems, Iasi, Romania, June 30 - July 1, 2011, pag.65-68, ISBN: 978-1-4577-0201-3, WOS:000337925400016	0.25	3	10.000
6	Simina Emerich, Eugen Lupu, Radu Arsinte	"A New Approach to Iris Recognition", ISSCS 2011- Proceedings of International Symposium on Signals, Circuits and Systems, Iasi, Romania, June 30 - July 1, 2011, pag. 217-220, ISBN:978-1-4577-0201-3, WOS:000337925400054	0.25	3	10.000
7	Lupu E., Emerich S.	"Speaker Identification Approach Based On Time Domain Extracted Features", 52nd IEEE International Symposium ELMAR-2010, Zadar, Croatia, pp 355-358, 2010, ISBN: 978-953-7044-11-4, WOS:000321558000079	0.25	2	15.000
8	Emerich S., Lupu E., Apatean A.	"Bimodal Approach in Emotion Recognition using Speech and Facial Expressions", 9-th IEEE International Symposium on Signals, Circuits and Systems, ISSCS' 2009, Iasi, 9-10 July 2009, Vol.2, pp.297-300, 2009, ISBN: 978-1-4244-3784-9, WOS:000275854200073	0.25	3	10.000
9	Apatean A., Emerich S., Lupu E., Rogozan A., Bensrhair A.	„Wavelets and Moments for Obstacle Classification”, International Symposium on Communications, Control and Signal Processing, ISCCSP 2008, Malta, Pp. 882-887, ISBN 978-1-4244-1687-5, WOS:000257934100168	0.25	5	6.000
10	Emerich S., Lupu E., Apatean A.,	"The Estimation of Glottal Closure Instants in Voiced Speech using Fractional B-spline Wavelets", 19th International EURASIP Conference BIOSIGNAL 2008, Brno, June 29-July 1, ISBN: 978-80-214-3613-8, WOS:000303717200111	0.25	3	10.000

11	Discant A., Emerich S., Lupu E., Rogozan A., Benschair A.,	"Ruttier Obstacle Classification by use of Fractional B-spline Wavelets and Moments", Proceedings of The IEEE Region 8 EUROCON 2007 Conference Computer as a Tool, Warsaw, Poland, September 9-12, 2007, pp. 2664-2671, ISBN: 978-1-4244-0812-2, WOS:000257261901212	0.25	5	6.000
12	Emerich S., Discant A., Lupu E., Demea S.,	"B-spline and Wavelet Based Techniques for Iris Recognition", Proceedings of The IEEE International Symposium on Signals, Circuits and Systems ISSCS 2007, 13-14 July 2007, Iasi, Romania, ISBN: 1-4244-0969-1, WOS:000250471700104	0.25	4	7.500
13	Mesaros A., Moldovan S.,	"Methods for Singing Voice Identification using Energy Coefficients as Features", 2006 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics AQTR (THETA 15), 2006, ISBN: 1-4244-0360-X, WOS:000241464000028	0.25	2	15.000
14	Mesaros A., Moldovan S., Lupu E.,	"Band Decomposition of Voice Signals Using Wavelets Defined from Fractional B-spline Functions", 48th International Symposium ELMAR focused on Multimedia Signal Processing and Communications, Croatia, 2006, ISBN: 978-953-7044-03-9, WOS:000245543800033	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
					142.333	17
Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. autori	Punctaj	
1	Lefkovits, Szidonia, László Lefkovits, Simina Emerich	"Detecting the eye and its openness with Gabor filters." Digital Forensic and Security (ISDFS), 2017 5th International Symposium on. IEEE, 2017, ISBN: 978-1-5090-5835-8	IEEE Explore	3	6.67	

2	Lefkovits, L., Lefkovits, S., Vaida, M. F., Emerich, S., Măiutaș, R.	"Comparison of Classifiers for Brain Tumor Segmentation.", International Conference on Advancements of Medicine and Health Care through Technology 2016, pp. 195-200, Cluj-Napoca, Romania. IFMBE Proceedings, Vol. 59, Springer, DOI: 10.1007/978-3-319-52875-5_43	Scopus, Springer	5	4.00
3	Simina Emerich ; Raul Malutan ; Septimiu Crisan ; Laszlo Lefkovits	"Iris Indexing based on Local Intensity Order Pattern." Proc. SPIE 10341, Ninth International Conference on Machine Vision (ICMV), 2016 doi:10.1117/12.2268716	SPIE	4	5.00
4	László Lefkovits, Szidónia Lefkovits, Simina Emerich, Mircea Florin Vaida,	'Random Forest Feature Selection Approach for Image Segmentation', The 9th International Conference on Machine Vision (ICMV 2016), November 18-20, 2016, Nice, France, doi:10.1117/12.2268694	SPIE	4	5.00
5	S. Crisan, B. Tebrean, S. Emerich	"Optimized vein pattern recognition for biometric applications - A modern approach", 14th IMEKO TC10 Workshop on Technical Diagnostics 2016: New Perspectives in Measurements, Tools and Techniques for Systems Reliability, Maintainability and Safety; Milan; Italy; pp. 50-55, 2016, ISBN 978-92-990073-9-6	Scopus	3	6.67
6	Bogdan Muset, Simina Emerich	"Distance Measuring using Accelerometer and Gyroscope Sensors", Carpathian Journal of Electronic and Computer Engineering Vol. 5, Nr. 1, 2012, pag. 83-86, ISSN 1844 – 9689	IndexCopernicus, Google Scholar	2	10.00
7	Simina Emerich, Eugen Lupu,	"Improving Speech Emotion Recognition using Frequency and Time Domain Acoustic Features", Signal Processing and Applied Mathematics for Electronics and Communications, August 26-28, 2011, Cluj-Napoca, Romania	Eurasip, Google Scholar	2	10.00
8	Emerich S., Lupu E., Rusu C.	"Online signature recognition approach based on wavelets and support vector machines", IEEE International Conference on Automation Quality and Testing Robotics (AQTR), 2010, ISBN: 978-1-4244-6724-2	IEEE Explore, Scopus	3	6.67



9	Emerich S.,	"An Approach on Vowel Recognition using Glottal Features", Carpathian Journal of Electronic and Computer Engineering, Volume 3, Number 1 – 2010	IndexCopernicus, Google Scholar	1	20.00
10	Lupu E., Ghiurcau M., Hodor V., Emerich S.	"Combustion Sound Classification Employing Gaussian Mixture Models", IEEE International Conference on Automation Quality and Testing Robotics (AQTR), 2010, ISBN: 978-1-4244-6724-2,	Scopus, IEEEExplore	4	5.00
11	E. Lupu, S. Emerich,	"An Approach on Bimodal Biometric Systems" Acta Technica Napocensis Electronics and Telecommunications, Vol. 51, nr.3/2010, pp. 45-52, ISSN 1221-6542	IndexCopernicus, Google Scholar	2	10.00
12	Emerich S., Lupu E., Apatean A.,	"Emotions Recognition by Speech and Facial Expressions Analysis", 17th European Signal Processing, EUSIPCO'2009, Glasgow, 24-28 August 2009, pp.1617-1621, ISBN: 978-161- 7388-76-7	IEEE Explore, Scopus	3	6.67
13	Lupu E, Emerich S., Beaufort F.,	"On-line Signature Recognition using a Global Features Fusion Approach", Acta Technica Napocensis Electronics and Telecommunications Vol. 50, nr. 3/2009, pp. 13-20, ISSN 1221- 6542	IndexCopernicus, Google Scholar	3	6.67
14	Emerich S.	"The Improvement of the Wavelet Analysis Techniques by using B-spline Functions Family", Acta Technica Napocensis, vol 49 no. 4, 2008	IndexCopernicus, Google Scholar	1	20.00
15	Apatean a., Emerich S.	"Obstacle Recognition by the use of different wavelet families in Visible and Infrared Images", Carpathian Journal of Electronic and Computer Engineering, Volume 1, 2008, ISSN 1844 – 9689	IndexCopernicus, Google Scholar	2	10.00
16	Apatean A., Rogozan A., Emerich S., Bensrhair A.,	"Wavelets as Features for Objects Recognition", Acta Technica Napocensis, vol 49 no. 2, 2008,	Google Scholar	4	5.00
17	Discant A., Emerich S., Lupu E., Demea S.,	"Healthy and Cardiac People Iris Classification by use of B- spline Wavelet Decomposition", International Conference on Advancements of Medicine and Health Care through Technology, MEDITECH, September 27-29, 2007, Cluj- Napoca, Romania	Google Scholar	4	5.00

A2.3.1. Proprietate intelectuală, brevete de invenție, certificate ORDA - internaționale									
Nr.	Autori	Denumire brevet /Organism	Anul	Nr.autori	Punctaj	Numar	Fi cumulat		
					0.000	0	0		
					Punctaj				
A2.3.2. Proprietate intelectuală, brevete de invenție, certificate ORDA - naționale									
Nr.	Autori	Denumire brevet /Organism	Anul	Nr.autori	Punctaj	Numar	Fi cumulat		
					0.000	0	0		
					Punctaj				
A2.4.1.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - internaționale									
Nr.	Denumire proiect		Perioada	Nr. ani	Punctaj	Numar			
					0	0			
					Punctaj				
A2.4.1.2. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - naționale									
Nr.	Denumire proiect		Perioada	Nr. ani	Punctaj	Numar			
1	Director de proiect, contract CNCISIS de tip tineri doctoranzi, TD 502 nr. 24/2007, îmbunătățirea tehnicilor de analiză wavelet în contextul utilizării familiei de funcții B-spline, 2007-2008		2007-2008	2	20				
2	Director al proiectului TE 304/2015, PN-II-RU-TE-2014-4-2080, Tehnici de analiză și codare a imaginilor bazate pe reprezentarea ordinală a datelor, cu aplicații în biometrie		2015-2017	2	20				
A2.4.2.1. Granturi/proiecte castigate prin competitie: membru în echipa - internaționale									
Nr.	Denumire proiect		Perioada	Nr. ani	Punctaj	Numar			
					0	0			
					Punctaj				
A2.4.2.2. Granturi/proiecte castigate prin competitie: membru în echipa - naționale									
Nr.	Denumire proiect		Perioada	Nr. ani	Punctaj	Numar			
1	Membru în echipa de cercetare a grantului CNCISIS 2007-2010, PNCDI, ID 904 nr. 339/2007 Sistem biometric multimodal de autentificare, director Prof. dr. ing. Eugen Lupu		2007-2010	3	6	5			
					Punctaj				

2	Membru în echipa de cercetare a grantului CNCSIS 1027/2004 , 2004-2006 – Sisteme biometrice pe baza amprentei vocale pentru controlul accesului, director Prof. dr. ing. E. Lupu	2004-2006	3	6
3	Membru în echipa de cercetare a Consorțiului Mecanismele moleculare ale recunoașterii și adeziunii celulare mediate de interacțiuni glican-glican - format dintr-o echipa pluridisciplinară din domeniul biologie, chimie, electronică aplicată și telecomunicații, responsabil UTCN prof.dr. E Lupu, finanțat de CNCSIS AC-10/2005 nr. 27687/2005	2005-2007	3	6
4	Membru în echipa de cercetare a proiectului CEEEX-05-D11-52/07.10.2005 – Bioinformatica secvențelor genice implicate în diviziunea celulară la procariote, director proiect Prof.dr.ing. Petre Pop	2006-2008	2	4
5	Membru în echipa de cercetare a proiectului TE 306/2015, PN-II-RU-TE-2014-4-2196, Platformă pentru studiul și dezvoltarea aplicațiilor de analiză optică a modelului venelor periferice superficiale în biometrie și biomedicină, director proiect SL Dr. Ing. Septimiu Crisan	2015-2017	2	4

Candidat: S.L.dr.ing. Emerich Simina

Data: 03.06.2017

Comisia: Electronica, telecomunicatii si nanotehnologie

Recunoasterea si impactul activitatii (A3)					Punctaj	Numar
A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)					95.333	33
Nr.	Articol citat	Articol care citeaza	Num autori art.citat	Punctaj		
1	Emerich S., Lupu E., Apatean A., "Emotions Recognition by Speech and Facial Expressions Analysis", 17th European Signal Processing, EUSIPCO-2009, Glasgow, 24-28 August 2009, pp.1617-1621	D'Mello, Sidney, and Jacqueline Kory. "Consistent but modest: a meta-analysis on unimodal and multimodal affect detection accuracies from 30 studies." Proceedings of the 14th ACM international conference on Multimodal interaction. ACM, 2012, pp 31-38, WOS:000321926300007	3	2.667		
2		Rupasinghe, ATIGALLAGE THARUKA, et al. "Scaling personality traits of interviewees in an online job interview by vocal spectrum and facial cue analysis." Advances in ICT for Emerging Regions (ICTER), 2016 Sixteenth International Conference on. IEEE, 2016, WOS:000399711800041	3	2.667		
3		Kudiri, Krishna Mohan, Abas Md Said, and M. Yunus Nayan. "Human emotion detection through speech and facial expressions." Computer and Information Sciences (ICCOINS), 2016 3rd International Conference on. IEEE, 2016, WOS:000391215800062	3	2.667		
4		Lalitha, S., and Shikha Tripathi. "Emotion detection using perceptual based speech features." India Conference (INDICON), 2016 IEEE Annual. IEEE, 2016., WOS:000400689900169	3	2.667		
5		Porla, Soujanya, et al. "A review of affective computing: From unimodal analysis to multimodal fusion." Information Fusion 37 (2017): 98-125, WOS:000399518100009	3	2.667		
6		Caballero-Morales, Santiago-Omar. "Recognition of emotions in Mexican Spanish speech: an approach based on acoustic modelling of emotion-specific vowels." The Scientific World Journal 2013, WOS:000322247900001	3	2.667		
7		D'Mello, Sidney K., and Jacqueline Kory. "A review and meta-analysis of multimodal affect detection systems." ACM Computing Surveys (CSUR) 47.3 (2015): 43, WOS:000354046600006	3	2.667		
8		Sinith, M. S., et al. "Emotion recognition from audio signals using Support Vector Machine." Intelligent Computational Systems (RAICS), 2015 IEEE Recent Advances in. IEEE, 2015, WOS:000383223100022	3	2.667		
9		Varghese, Ashwini Ann, Jacob P. Cherian, and Jubilant J. Kizhakkethattam. "Overview on emotion recognition system." Soft-Computing and Networks Security (ICNS), 2015 International Conference on. IEEE, 2015, WOS:000380457300069	3	2.667		
10		Sato, Yoshiki, Tsutomu Miki, and Keiichiro Honda. "A multi-core processor based real-time multi-modal emotion extraction system employing fuzzy inference." International Journal of Innovative Computing, Information and Control Vol 7, Issue B (2011), pp 4603-4620, WOS:000293817400002	3	2.667		

11	Emerich S., Lupu E., Rusu C., „Online signature recognition approach based on wavelets and support vector machines”, IEEE International Conference on Automation Quality and Testing Robotics (AQTR), 2010	Pal, Srikantha, et al. "Performance of an Off-Line Signature Verification Method Based on Texture Features on a Large Indic-Script Signature Dataset." Document Analysis Systems (DAS), 2016 12th IAPR Workshop on. IEEE, 2016, WOS:000390411200013	3	2.667
12		Pal, Srikantha, et al. "Interval-valued symbolic representation based method for off-line signature verification." Neural Networks (ICNN), 2015 International Joint Conference on. IEEE, 2015, WOS:00037030601089	3	2.667
13		Khoh, Wee How, et al. "Score level fusion approach in dynamic signature verification based on hybrid wavelet-Fourier transform." Security and Communication Networks 7.7 (2014): 1067-1078, WOS:000337728000001	3	2.667
14		Pal, Srikantha, Umapada Pal, and Michael Blumenstein. "Off-line English and Chinese signature identification using foreground and background features." Neural Networks (ICNN), The 2012 International Joint Conference on. IEEE, 2012, WOS:000309341301113	3	2.667
15		Pal, Srikantha; Alireza, Alaei; Pal, Umapada; et al. "Multi-Script Off-line Signature Identification", 12th International Conference on Hybrid Intelligent Systems (HIS), MITCOE, Pune, INDIA, 2012, WOS:000319456700041	3	2.667
16	Simina Emerich, Eugen Lupu, Bogdan Belean, Septimiu Crisan, "Image Analysis and Coding Based on Ordinal Data Representation." book chapter in Image Feature Detectors and Descriptors: Foundations and Applications, volume 630 of the series Studies in Computational Intelligence, pp 281-303, Springer, 2016, ISBN 978-3-319-28852-9, WOS:000388669100012	Wu, Pengkun. "Analysis on the current condition of virtual reality and computer graphics and the applications on the digital media interaction." Inventive Computation Technologies (ICICT), International Conference on. Vol. 1. IEEE, 2016, WOS:000393282500114	4	2.000
17	Simina Emerich, Eugen Lupu, Radu Arsintie, "A New Approach to Iris Recognition", ISSCS 2011- Proceedings of International Symposium on Signals, Circuits and Systems, Iasi, Romania, June 30 - July 1, 2011, pag. 217-220, ISBN:978-1-4577-0201-3	Belean, Bogdan, Romulus Terebes, and Adrian Bot. "Low-complexity PDE-based approach for automatic microarray image processing." Medical & biological engineering & computing, Volume: 53 Issue: 2 Pages: 99-110, WOS:000348417200001	3	2.667
18		Fiorea, L., Fiorea, C., Vrânceanu, R., & Vertan, C. (2012, August). "Zero-crossing based image projections encoding for eye localization", Proceedings of the IEEE 20th European Signal Processing Conference (EUSIPCO), 2012, p. 150-154, WOS:000310623800031	3	2.667
19	Radu Arsintie, Eugen Lupu, Simina Emerich, "A Generic Platform to Study the Basic Aspects of DVB-IP TV Conversion Process", ISSCS 2011- Proceedings of International Symposium on Signals, Circuits and Systems, Iasi, Romania, June 30 - July 1, 2011, pag.65-68	Antone, Alexandru Florin, and Radu Arsintie. "An Implementation of SAT-IP Concept in a Local Distribution System for DVB RF to DVB-IP Translation." Procedia Technology 12 (2014): 240-245, Elsevier, WOS:000335391100033	3	2.667

20		Antone, A. F., and R. Arsinte. "Modeling the channel capacity for different generations of in-home data transmission systems." Automation Quality and Testing Robotics (AQTR), 2012 IEEE International Conference on. IEEE, 2012, WOS:000400227100047	3	2.667
21	Simina Emerich, Eugen Lupu, "Improving Speech Emotion Recognition using Frequency and Time Domain Acoustic Features", Signal Processing and Applied Mathematics for Electronics and Communications, SPAMEC, August 26-28, 2011, Cluj-Napoca, Romania	Zhang, Qingli, et al. "Speech emotion recognition using combination of features." Intelligent Control and Information Processing (ICICIP), 2013 Fourth International Conference on. IEEE, 2013, WOS:000326374300104	2	4.000
22		Ziolkowski, Mariusz, Pawel Jachow, and Magdalena Igras. "Combination of Fourier and wavelet transformations for detection of speech emotions." Human System Interactions (HSI), 2014 7th International Conference on. IEEE, 2014, WOS:000345791900006	2	4.000
23	Lupu E., Ghiurcau M., Hodor V., Emerich S., "Combustion Sound Classification Employing Gaussian Mixture Models", IEEE International Conference on Automation Quality and Testing Robotics, 2010, ISBN: 978-1-4244-6724-2	Ghiurcau, Marius Vasile, et al. "Audio based solutions for detecting intruders in wild areas." Signal Processing, Elsevier, 92.3 (2012): 829-840, WOS:000298072800021	4	2.000
24		Rusu, Corneliu, et al. "On the design of an acoustic based wildlife intruder detection system." Speech Technology and Human-Computer Dialogue (Sped), 2013 7th Conference on. IEEE, 2013, WOS:0003030672700008	4	2.000
25	Musat, Bogdan, and Simina Emerich. "Distance Measuring using Accelerometer and Gyroscope Sensors." Carpathian Journal of Electronic and Computer Engineering 5.83 (2012): 2012.	Laotrakunchai, Suraphol, Akarapas Wongkaew, and Karn Patanukhom. "Measurement of Size and Distance of Objects Using Mobile Devices." Signal-Image Technology & Internet-Based Systems (SITIS), 2013 International Conference on. IEEE, 2013, WOS:000346159700025	2	4.000
26		Tran, K. H., and M. T. Chew. "Kalman filtering for wearable fitness monitoring." Instrumentation and Measurement Technology Conference (I2MTC), 2015 IEEE International. IEEE, 2015, WOS:000380587900350	2	4.000
27		Tantamjark, Eakawat, and Thitipong Tanprasert. "Distance measurement with smartphone using acceleration model of hand movement." Knowledge and Smart Technology (KST), 2016 8th International Conference on. IEEE, 2016, WOS:000382744400015	2	4.000
28		Chang, Hsing-Cheng, et al. "A Wearable Inertial Measurement System With Complementary Filter for Gait Analysis of Patients With Stroke or Parkinson's Disease." IEEE Access 4 (2016): 8442-8453, WOS:000395542100002	2	4.000
29	Eugen Lupu, Simina Emerich, and Francois Beaufort. "On-line signature recognition using a global features fusion approach." Acta Technica Napocensis Electronica and Telecommunications 50.3 (2009): 13-20.	Aoun, Mario Antoine, and Mounir Boukadoum. "Learning algorithm and neurocomputing architecture for NDS Neurons." Cognitive Informatics & Cognitive Computing (ICCI' CC), 2014 IEEE 13th International Conference on. IEEE, 2014, WOS:000365626100022	3	2.667
30	Eugen Lupu, Simina Emerich, "An Approach on Bimodal Biometric-Systems" Acta Technica Napocensis Electronica and Telecommunications, Vol. 51, nr. 3/2010, pp. 45-52, ISSN 1221-6542.	Umer, Saiyed, Bibhas Chandra Dhara, and Bhabatosh Chanda. "Texture code matrix-based multi-instance iris recognition." Pattern Analysis and Applications 19.1 (2016): 283-295, WOS:000374173100020	2	4.000

31	Emerich, Simina, Eugen Lupu, and Anca Apatean. "Bimodal approach in emotion recognition using speech and facial expressions." <i>Signals, Circuits and Systems</i> , 2009. ISSCS 2009. International Symposium on. IEEE, 2009.	Guendli, Zied, et al. "Emotion recognition from physiological signals using fusion of wavelet based features." <i>Modelling, Identification and Control (ICMIC)</i> , 2015 7th International Conference on. IEEE, 2015. WOS:000380540900156	3	2.667
32		Guendli, Zied, et al. "Multiresolution framework for emotion sensing in physiological signals." <i>Advanced Technologies for Signal and Image Processing (ATSIP)</i> , 2016 2nd International Conference on. IEEE, 2016. WOS:000390841700148	3	2.667
33		Roy, Didier, and Anupam Shukla. "Speaker recognition using multimodal biometric system." <i>Oriental COCOSDA held jointly with 2013 Conference on Asian Spoken Language Research and Evaluation (O-COCOSDA/CASLRE)</i> , 2013 International Conference. IEEE, 2013. WOS:000349833100062	3	2.667

**A3.1.2. Citari in reviste si volume ale unor manifestari stiintifice indexate in aite baze de date internationale (BDI)**

Nr.	Articol citat	Articol care citeaza /BDI	Numar autori art.citat	Punctaj	Numar
				71.667	46
1	Emerich S., Lupu E., Apatean A., "Emotions Recognition by Speech and Facial Expressions Analysis", 17th European Signal Processing, EUSIPCO'2009, Glasgow, 24-28 August 2009, pp.1617-1621.	Ingale, Ashish B., and D. S. Chaudhari. "Speech emotion recognition." <i>International Journal of Soft Computing and Engineering (IJSCCE)</i> ISSN (2012): 2231-2307. BDI: <i>Google Scholar</i>	3	1.333	
2		Utane, Akshay S., and S. L. Naibaiwar. "Emotion recognition through Speech." <i>International Journal of Applied Information Systems (UAIS)</i> (2013): 5-8. BDI: <i>Google Scholar</i>	3	1.333	
3		Gadhe, Rani P., et al. "Emotion Recognition From Speech: A Survey." <i>International Journal of Scientific &amp; Engineering Research</i> , Vol. 6, No 4, 2015, ISSN 2279-5518 BDI: <i>Google Scholar</i>	3	1.333	
4		Lee, Won-Tae, and Jang-Mook Kang. "A Study on the Weight Allocation Method of Humanist Input Value and Multiple Modality using Tact Data." <i>The Journal of The Institute of Internet, Broadcasting and Communication</i> 14.4 (2014): 157-163. BDI: <i>Google Scholar</i>	3	1.333	
5		Nguyen, Dung, et al. "Deep spatio-temporal features for multimodal emotion recognition." <i>Applications of Computer Vision (WACV)</i> , 2017 IEEE Winter Conference on. IEEE, 2017. BDI: <i>Google Scholar</i>	3	1.333	
6		Pathak, Bageshree V., and Ashish R. Panat. "Comparison between Different Feature Extraction Techniques to Identify the Emotion 'Anger' in Speech." <i>Advances in Computer Science and Information Technology. Computer Science and Engineering</i> . Springer Berlin Heidelberg, 2012. 637-643. BDI: <i>Scopus</i> , BDI: <i>Google Scholar</i>	3	1.333	
7		Gulhaane, Y. H., and S. A. Ladhake. "A Short Survey on Methodology for Stress Recognition." <i>International Journal of Emerging Research in Management &amp; Technology</i> , 2016, ISSN: 2278-9359 (Volume-5, Issue-11). BDI: <i>Google Scholar</i>	3	1.333	
8		Chan, Kevin. "Applying Non-Statistical Feedback to Emotional Speech Monitoring and Correction." <i>TEMPLE UN' JAPAN STUDIES IN APPLIED LINGUISTICS</i> (2014): 54,. BDI: <i>Google Scholar</i>	3	1.333	

9		Domameschi, Filippo, Marcello Passarelli, and Carlo Chiorri. "Facial expressions and speech acts: experimental evidences on the role of the upper face as an illocutionary force indicating device in language comprehension." <i>Cognitive Processing</i> (2017): 1-22. Springer, BDI: Google Scholar	3	1.333
10		Nguyen Tien, Dung, Nguyen Thanh, Kien, Sridharan, Sridha, Ghasemi, Afsane, Dean, David, & Fookes, Clinton B. (2017) Deep spatio-temporal features for multimodal emotion recognition. In <i>IEEE Winter Conference on Applications of Computer Vision</i> , 2017, BDI: Google Scholar	3	1.333
11		Chaudhari, A. A., et al. "Need of Boosted GMM in Speech Emotion Recognition System Implemented Using Gaussian Mixture Model." <i>Journal of Image Processing and Artificial Intelligence</i> 3.1 (2017). BDI: Google Scholar	3	1.333
12		Ankush Chaudhary, Ashish Kumar Sharma, Jyoti Dalal, Leena Choukiker, "Speech Emotion Recognition," <i>International Journal of Emerging Technologies and Innovative Research</i> , Vol. 2, No. 4., 2015, ISSN 2349-5162. BDI: Google Scholar	3	1.333
13		Butt, A. H., M. K. Mahmood, and Y. D. Khan. "ANEXPOSITIONANALYSIS OF FACIAL EXPRESSION RECOGNITION TECHNIQUES." <i>Pakistan Journal of Science</i> 68.3 (2016). BDI: Google Scholar	3	1.333
14		Cruz, Anilana, et al. "Facial Expression Recognition based on EOG toward Emotion Detection for Human-Robot Interaction" <i>The 8th International Conference on Bio-Inspired Systems and Signal Processing</i> , Blosignals, Lisbon, 2015. BDI: Scopus, BDI: Google Scholar	3	1.333
15		Tayade, Miss Snehal A., Miss Mamta Nirmal, and Miss Mamata Ingle. "DETECTION OF EMOTION FROM SPEECH USING DIFFERENT FEATURE EXTRACTION TECHNIQUE." <i>IORD Journal of Science &amp; Technology E-ISSN: 2348-0831</i> Volume 2, Issue 3 (2015) BDI: Google Scholar	3	1.333
16		KUDIRI, KRISHNA MOHAN, ABAS SAID, and M. YUNUS NAYAN. "HUMAN EMOTION DETECTION THROUGH FACIAL EXPRESSIONS." <i>Journal of Theoretical &amp; Applied Information Technology</i> 88.3 (2016). BDI: Scopus	3	1.333
17	Emerich S., Lupu E., Rusu C., „Online signature recognition approach based on wavelets and support vector machines”, <i>IEEE International Conference on Automation Quality and Testing Robotics (AQTR)</i> , 2010	Pal, Srikantha, et al. "Off-line signature identification using background and foreground information." <i>Digital Image Computing Techniques and Applications (DICTA)</i> , 2011 International Conference on. IEEE, 2011. BDI: Scopus, Google Scholar	3	1.333
18		Pal, Srikantha, Michael Blumenstein, and Umapada Pal. "Off-line signature verification systems: a survey." <i>Proceedings of the International Conference &amp; Workshop on Emerging Trends in Technology</i> . ACM, 2011, BDI: Scopus, Google Scholar	3	1.333
19		Pal, Srikantha, Michael Blumenstein, and Umapada Pal. "Non-English and Non-Latin Signature Verification Systems A Survey." <i>International Workshop on Automated Forensic Handwriting Analysis</i> , AFHA. 2011, BDI: Scopus, Google Scholar	3	1.333
20		Srikantha Pal, Michael Blumenstein and Umapada Pal. "Automatic off-Line Signature Verification Systems: A Review". <i>UCA Proceedings on International Conference and workshop on Emerging Trends in Technology (ICWET)</i> [14]:20-27, 2011, BDI: Google Scholar	3	1.333



21		Pal, Srikantha, Umaapada Pal, and Michael Blumenstein. "Hindi and English off-line signature identification and verification." <i>Proceedings of International Conference on Advances in Computing</i> . Springer India, 2012. <i>BDI: Scopus, Google Scholar</i>	3	1.333
22		Hao, Chang. "Experimental Evaluation for Impact Factors of Online Signature Verification." <i>Journal of Digital Information Management</i> 10.3 (2012). <i>BDI: Scopus</i>	3	1.333
23		Khoh W.H., Yap H.Y., Pang Ying Han, Dynamic Signature Verification based on Hybrid Wavelet-Fourier Transform, <i>Sunway Academic Journal</i> , Special Issue for Pattern Recognition and Intelligent Applications, ISSN 1823-500X, 11-21, 2014. <i>BDI: Google Scholar</i>	3	1.333
24		Qiu, Y.-M., Hu, H.-C., Zheng, J.-B., Chen, Q.-H. "On-line handwriting signature verification based on curve similarity", <i>Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics</i> , Volume 36, Issue 5, May 2014, Pages 1016-1020, <i>BDI: Scopus</i>	3	1.333
25	Muset, Bogdan, and Simina Emerich. "Distance Measuring using Accelerometer and Gyroscope Sensors." <i>Carpathian Journal of Electronic and Computer Engineering</i> 5.83 (2012): 2012.	Petrycy, Richard Joel, and John A. Cappelli. "Modularized lighting display system." U.S. Patent No. 9,202,997. 1 Dec. 2015. <i>BDI: Google Scholar</i>	2	2.000
26		Petrycy, Richard Joel, and John A. Cappelli. "Modularized display apparatus and method." U.S. Patent No. 9,074,742. 7 Jul. 2015. <i>BDI: Google Scholar</i>	2	2.000
27		Petrycy, Richard Joel, and John A. Cappelli. "Modularized self-addressing apparatus and method." U.S. Patent No. 9,519,278. 13 Dec. 2016.	2	2.000
28		Tsai, Tzu-Chieh, Chung-Yu Chen, and Gon-Jong Su. "U-Art: your art and ubiquitous art." <i>Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2015 ACM International Symposium on Wearable Computers</i> . ACM, 2015. <i>BDI: Google Scholar</i>	2	2.000
29	Lupu, Eugen, Simina Emerich, and Francois Beaufort. "On-line signature recognition using a global features fusion approach." <i>Acta Tehnica Napocensis Electronics and Telecommunications</i> 50.3 (2009): 13-20.	Lupu, E., and M. Cloban. "Low Complexity Speaker Identification Approach." <i>Carpathian Journal of Electronic &amp; Computer Engineering</i> 3.1 (2010). <i>BDI: Google Scholar</i>	3	1.333
30		Aoun, Mario Antoine, and Mounir Boukadoum. "Chaotic Liquid State Machine." <i>International Journal of Cognitive Informatics and Natural Intelligence (IJCNII)</i> 9.4 (2015): 1-20. <i>BDI: Google Scholar</i>	3	1.333
31		Pop, G. P., E. Lupu, and E. Onaca. "Pathological Voice Assessments Using TESPAP Analysis." <i>International Conference on Advancements of Medicine and Health Care through Technology: 5th-7th June 2014, Cluj-Napoca, Romania</i> . Springer International Publishing, 2014. <i>BDI: Springer</i>	3	1.333
32		Wadhawan, Ankita, and Dinesh Kumar. "A Survey on Online Signature Verification for Indian and Non-Indian Languages." <i>International Journal of Applied Research in Computing</i> , Jul 2013 <i>BDI: Google Scholar</i>	3	1.333
33		Moasheri, Seyed Reza, and Moadjaba Rouhani. "Online Signature Verification based on Hidden Markov Model using Multi-Level Thresholding." <i>International eConference on Computer and Knowledge Engineering</i> , October 13-14, 2011 <i>BDI: Google Scholar</i>	3	1.333

34		Pop, G. P. "Discriminate Animal Sounds Using TESPAN Analysis." International Conference on Advancements of Medicine and Health Care through Technology: 12th-15th October 2016, Cluj-Napoca, Romania. Springer, Cham, 2017. <i>BDI: Google Scholar</i>	3	1.333
35	Simina Emerich, Eugen Lupu, "Improving Speech Emotion Recognition using Frequency and Time Domain Acoustic Features", Signal Processing and Applied Mathematics for Electronics and Communications, August 26-28, 2011, Cluj-Napoca, Romania	Joshi, Dipit D., and M. B. Zalte. "Recognition of Emotion from Marathi Speech Using MFCC and DWT Algorithms." International Journal of Advanced Computer Engineering and Communication Technology ISSN (Print): 2278-5140, Volume-2, Issue - 2, 2013 <i>BDI: Google Scholar</i>	2	2.000
36		Igras, Magdalena, Mariusz Ziđko, and Jakub Galka. "WAVELET EVALUATION OF SPEAKER EMOTIONS." (2012). Applications of mathematics in biology and medicine: proceedings of the Eighteenth national conference, Krynica Morska, september 23-27, 2012. <i>BDI: Google Scholar</i>	2	2.000
37		Jacob, Agnes, and P. Mythili. "Upgrading the Performance of Speech Emotion Recognition at the Segmental Level." IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-8727 Volume 15, Issue3. 2013, pp 48-52 <i>BDI: Google Scholar</i>	2	2.000
38		Sree, GS Divya, P. Chandrasekhar, and B. Venkateshulu. "SVM Based Speech Emotion Recognition Compared with GMM-UBM and NN." International Journal of Engineering Science 3293 (2016). <i>BDI: Google Scholar</i>	2	2.000
39	Emerich, Simina, Eugen Lupu, and Anca Apatean. "Bimodal approach in emotion recognition using speech and facial expressions." Signals, Circuits and Systems, 2009. ISSCS 2009. International Symposium on. IEEE, 2009.	Patwardhan, Amol S., and Gerald M. Knapp. "Multimodal Affect Analysis for Product Feedback Assessment." IIE Annual Conference. Proceedings. Institute of Industrial Engineers-Publisher, 2013. <i>BDI: Scopus, Google Scholar</i>	3	1.333
40		Ye, Liang, Hany Ferdinando, and Esko Alasaarela. "Techniques in Pattern Recognition for School Bullying Prevention: Review and Outlook." Journal of Pattern Recognition Research 1 (2014): 50-63. <i>BDI: Google Scholar</i>	3	1.333
41	Simina Emerich, Eugen Lupu, Radu Arsinie, "A New Approach to Iris Recognition", ISSCS 2011- Proceedings of International Symposium on Signals, Circuits and Systems, Iasi, Romania, June 30 - July 3, 2011, pag. 217-220, ISBN:978-1-4577-0201-3	Malutan, Raul, et al. "Speckle noise removal in ultrasound images using sparse code shrinkage." E-Health and Bioengineering Conference (EHB), 2015. IEEE, 2015. <i>BDI: Scopus, Google Scholar</i>	3	1.333
42		Malutan, Raul, and Calina Grosan. "Web authentication methods using single sign on method and virtual keyboard." Grid, Cloud & High Performance Computing in Science (ROLCG), 2015 Conference. IEEE, 2015 <i>BDI: Scopus, Google Scholar</i>	3	1.333
43	Radu Arsinie, Eugen Lupu, Simina Emerich, "A Generic Platform to Study the Basic Aspects of DVB-IP TV Conversion Process", ISSCS 2011- Proceedings of International Symposium on Signals, Circuits and Systems, Iasi, Romania, June 30 - July 1, 2011, pag.65-68	Arsinie, Radu, and Alexandru Florin Antone. "INVESTIGATING METHODS TO SIMULATE AND EVALUATE SIGNAL DISTRIBUTION IN ANALOG AND DIGITAL TV CABLE NETWORKS." Acta Technica Napocensis. Electronica-Telecomunicatii 53.1 (2012). <i>BDI: Google Scholar</i>	3	1.333

44	Lupu, E., M. Giurcau, V. Hodar, S. Emerich, "Combustion sound classification employing gaussian mixture models." Automation Quality and Testing Robotics (AQTR), 2010 IEEE International Conference on. Vol. 3. IEEE, 2010.	Hodor, Victor, et al. "Aeroacoustics-Noise Prediction by Using "LES" for Signal Processing." Energy Procedia 112 (2017): 322-329. Elsevier. BDI: Google Scholar	4	1.000
45	Emerich, Simina. "The improvement of the wavelet analysis techniques by using B-spline functions family." Acta Technica Napocensis 49.4 (2008).	Rajini, G. K., and G. Ramachandra Reddy. "Performance evaluation of edge detection techniques for biomedical imaging." The Journal of Technology, Volume 4, 2014, Pages 128-142 BDI: Google Scholar	1	4.000
46		Pour, Aref Farhadi, and Mohammad Asgari. "CLASSIFICATION ENVIRONMENTAL SOUND WITH WAVELET." Advances in Computer Science: an International Journal 3.4 (2014): 20-23, BDI: Google Scholar	1	4.000

A3.2.1. Prezentari Invitate in plenum manifestari stiintifice si Profesor Invitat - internationale		Punctaj	Numar
Nr.	Descriere	0	0
	Anul		

A3.2.2. Prezentari Invitate in plenum manifestari stiintifice si Profesor Invitat - nationale		Punctaj	Numar
Nr.	Descriere	0	0
	Anul		

A3.3.1. Membri in colectivele de redactie sau comitete stiintifice ai revistelor, organizator de manifestari stiintifice, internationale indexate ISI		Punctaj	Numar
Nr.	Descriere	60	6
1	European Signal Processing Conference (EUSIPCO) - Membru in comitetul tehnic (2012 - recenzii 4 articole, 2013 - recenzii 4 articole, 2014 - recenzii 6 articole, 2015 - recenzii 5 articole, 2016 - recenzii 7 articole, 2017 - recenzii 5 articole		Perioada 2012 - 2017
2	IEEE Transactions on Signal Processing - recenzii 2 articole		2010, 2011
3	IEEE Transactions on Image Processing - recenzii 1 articol		2011
4	Signal Processing Applications in Human Computer Interaction, Springer, Verlag - recenzii 1 articol		2010
5	Computers and Electrical Engineering, Elsevier - recenzii 1 articol		2014
6	Psychiatry Research, Elsevier - recenzii 1 articol		2017

A3.3.2. Membri in colectivele de redactie sau comitete stiintifice ai revistelor, organizator de manifestari stiintifice, internationale indexate BDI		Punctaj	Numar
Nr.	Descriere	30	5
1	Signal Processing and Applied Mathematics for Electronics and Communications (SPAMEC), Cluj-Napoca, Romania, 2011 - Membru in comitetul de organizare		Perioada 2011
2	International Conference on Machine Learning and Signal Processing (MALSIP) - recenzii 2 articole		2015
3	The 8th International Conference on Speech Technology and Human-Computer Dialogue (SPED) - recenzii 9 articole		2013, 2015, 2017
4	Welcome to International Conference on Watermarking and Image Processing (ICWIP) Membru in comitetul tehnic		2017
5	International Conference on Frontiers of Signal Processing (ICFSP) - Membru in comitetul tehnic		2016, 2017

A3.3. Membri in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale si nationale neindexate		Punctaj	Numar
		6	2

Nr.	Descriere	Perioada
1	Recent Trends in Signal Processing, Cluj-Napoca, Romania, 2007 - membru in comitetul de organizare	2007
2	Signal Processing Systems for Wireless Communications, România, 2008 - membru in comitetul de organizare	2008

A3.4.1. Premii in domeniul: Academia Romana, ASTR, academiile de ramura, premii internationale		Punctaj	Numar
		15	1

Nr.	Descriere	An
1	Best Poster Awards la conferinta IEEE Region 8 Eurocon Conference Computer as a Tool, 2007 pentru articolul Discant, A., Emerich, S., Lupu, E., Rogozan, A., Benschir, A. Ruttier "Ruttier obstacle classification by use of fractional B-spline wavelets and moments" EUROCON 2007pp. 353-360. DOI: 10.1109/EURCON.2007.4400674	2007

A3.4.2. Premii in domeniul: nationale		Punctaj	Numar
		5	1

Nr.	Descriere	An
1	Distincția "Cum Laude" pentru teza de doctorat "Aplicatii ale analizei wavelet B-spline in biometrie"	2011

*Emerich.*