

UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE ABILITARE

CANDIDAT: Conf. Dr. Ing. Anamaria RĂDOI

Depart. de Electronică Aplicată și Ingineria Informației, Fac. de Electronică, Telecomunicații și Tehnologia Informației

Condiții	Îndeplinire condiții	
A. Doctor	Diploma de Doctor în domeniul Inginerie electronică și telecomunicații, din 18.12.2015 emisa de Universitatea Politehnica din București	
B. Îndeplinirea standardelor minime naționale conform OMENCS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]	Standarde îndeplinite, conform Comisiei CNATDCU Nr. 11, Electronică, Telecomunicații și Nanotehnologie Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate:	
Condiții minime [Punctaj]	Minim prevăzut	Realizat
A1. Activitatea didactică și profesională	100	107.500
A2. Activitatea de cercetare	600	1187.250
A3. Recunoașterea și impactul activității	150	680.333
TOTAL (A)	850	1975.083
Condiții minime obligatorii pe subcategoria [Număr]	Minim prevăzut	Realizat
A1.1.1 - A1.1.2. Cărți și capitole în cărți de specialitate	1 carte/capitol	2 (1 carte + 1 capitol)
A2.1. Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings	15 din care minim 3 în reviste cotate ISI Q1 sau Q2	31 dintre care 7 articole în reviste cotate ISI Q1/Q2
A2.4.1. Granturi/proiecte câștigate prin competiție (Director/responsabil)	2	3
A3.1.1 Număr de citări în cărți, reviste și volume ale unor manifestări științifice ISI	25	116
Factor de impact cumulat pentru publicații	10	38.800
C. Atestarea studiilor (diploma + Foi Matricole) și a altor realizări profesionale	Diploma de Licență , în domeniul Inginerie electronică și telecomunicații Nr. 2172 din 19.07.2010 emisă de Universitatea Politehnica din București	
	Diplomă de Master , Specializarea Communication Systems Nr 0034397 din 06.10.2012 emisă de École Polytechnique Fédérale de Lausanne	
	Alte Diplome: Diplomă de șef de promoție UPB (media 10.00), Alte Certificate Certificat de bursă de performanță din partea École Polytechnique Fédérale de Lausanne (29.11.2011), Certificate de absolvire Departamentul pentru Pregătirea Personalului Didactic, nivelul I, seria C, Nr.0044799; respectiv, nivelul II, seria Ac, Nr. 0002196 Alte Acte de atestare a studiilor/realizărilor profesionale.....	

Subsemnata Rădoi Anamaria, candidată la obținerea atestatului de abilitare în Domeniul de Studii Univ. Electronică, Telecomunicații și Tehnologii Informaționale, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/10.06.2016] Nr. 11, Electronică, Telecomunicații și Nanotehnologii, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, ca sunt îndeplinite toate Standardele minime prevăzute de Metodologia UPB 2018 pentru înscrierea la concurs, în momentul înscrierii la concurs, și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters Web of Science sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta dată.

Candidat,

Data

Anamaria RĂDOI

05.07.2023

IN CONTINUARE: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate

Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului

Prof. RADOI Anamaria

Departamentul Electronica Aplicata si Ingineria Informatiei
 Facultatea de Electronica, Telecomunicatii si Tehnologia Informatiei
 Comisia Electronica, Telecomunicatii si Nanotehnologie (Anexa nr. 11)

5 iulie 2023

CENTRALIZATOR

Condiții minime pentru profesor la Comisia de Electronica, Telecomunicații și Nanotehnologie (Anexa nr. 11)	Val. Min.	Obținut
A1 Activitate didactică / profesională	100	107.500
A2 Activitatea de cercetare	600	1187.250
A3 Recunoașterea impactului activității	150	680.333
INDICATORUL DE MERIT (A = A1 + A2 + A3)	850	1975.083
A1.1.1-A1.1.2 Cărți de specialitate	1	2
A2.1 Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings din care în reviste cotate ISI Q1 sau Q2 [10]	15	31
A2.4.1 Granturi/proiecte câștigate prin competiție (Director / Responsabil partener)	3	7
A3.1.1 Numar de citări în cărți, reviste cotate ISI și în volume ale unor manifestări științifice ISI (WOS) [11]	2	3
Factor de impact ISI cumulat pentru publicații [12]	25	116
	10	38.800

PREZENTARE DETALIATA

Nr.crt.	A1 - Activitate didactică și profesională				Punctaj
		Tip [1]	Nr. Autori	>50 biblioteci străine conform WorldCat [2]	
	A1.1.1 Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN (Cărți / monografii) - internaționale				
1	A. Florescu, C. Oros and A. Rădoi , „Engine Knock Detection Based on Computational Intelligence Methods”, „Fuzzy Logic - Algorithms, Techniques and Implementations”, pp. 211 – 238, Chapter 11, Prof. Elmer Dadios (Ed.), InTech Publishing, ISBN: 978-953-51-0393-6, DOI: 10.5772/37726, 2012.	Capitol	3	Nu	4.167
	... Includeți ISBN:				0.000
	A1.1.2 Cărți de autor sau capitole de specialitate în edituri cu ISBN (Cărți / monografii) - naționale	Tip [1]	Nr. Autori		
1	A. Rădoi , "Tehnici Statistice de Analiză a Datelor", Ed. Matrix Rom, 98 pag., Bucharest, Romania, 2023, ISBN 978-606-25-0788-6 [Cod CNCISIS: 39] ... Includeți editura cu Cod CNCISIS	Carte	1		50.000
	... Includeți ISBN:				0.000
	A1.2.1 Material didactic / Lucrări didactice publicate în edituri cu ISBN (Manuale didactice)	Tip [1]	Nr. Autori		
1	A. Rădoi , B. C. Florea, D. A. Stoichescu, "Teoria Transmisiunii Informației – Indrumar de laborator", PRINTECH Publishing House, 121 pag., Bucharest, Romania, 2014, ISBN 978-606-23-0279-5 [Cod CNCISIS 54, https://www.worldcat.org/title/teoria-transmisiunii-informației-indrumar-de-laborator/oclc/1043182927]	Carte	3		13.333
2	A. Rădoi , "Information theory and coding : from theory to applications.", Ed. Matrix Rom, 164 pag., Bucharest, Romania, 2018, ISBN 978-606-25-0433-5 [Cod CNCISIS: 39] ... Includeți editura cu Cod CNCISIS	Carte	1		40.000
	... Includeți ISBN:				0.000
	Total A1				107.500

Nr.crt.	A2 - Activitatea de cercetare				Punctaj
		Baza de date [4]	Nr. Autori	Factor impact [3] (conf. Top [10])	
	A2.1 Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI [pentru toate articolele, factorul de impact a fost considerat la data depunerii dosarului: DD/MM/YYYY]				
1	A. Rădoi , "Generative Adversarial Networks Under CutMix Transformations for Multimodal Change Detection," in IEEE Geoscience and Remote Sensing Letters, vol. 19, pp. 1-5, 2022, Art no. 2506905, doi: 10.1109/LGRS.2022.3201003, WOS:000850868700004 [Impact Factor 4.8, ISI Q1 / categoria Geochemistry & Geophysics, ISI Q2 / categoria Science - Engineering, Electrical & Electronic]	ISI-Q1	1	4.800	169.000
2	A. Rădoi , "Multimodal Satellite Image Time Series Analysis Using GAN-Based Domain Translation and Matrix Profile", Remote Sens. 2022, 14, 3734, doi: 10.3390/rs14153734. WOS:000839832900001 [Impact Factor 5, ISI Q1 / categoria Geoscience & Multidisciplinary, ISI Q2 / categoria Imaging Science & Photographic Technology,]	ISI-Q1	1	5.000	175.000
3	A. Rădoi and M. Ünşalan, "Convolutional Neural Network-Based Fractal Coding Method for Image Translation in Multimodal Change Detection," IGARSS 2022 - 2022 IEEE International Geoscience and Remote Sensing Symposium, 2022, pp. 1063-1066, doi: 10.1109/IGARSS46834.2022.9884513. WOS:000920916601076	ISI	2	0.250	16.250
4	A. Chirtu, N. -C. Ristea and A. Rădoi , "Convolutional Transformersl for Aerial Image Classification: a General to Specific Learning Curve," IGARSS 2022 - 2022 IEEE International Geoscience and Remote Sensing Symposium, 2022, pp. 659-662, doi: 10.1109/IGARSS46834.2022.9884876. WOS:000920916600162	ISI	3	0.250	10.833

5	A. Radoi, A. Birhala, N. -C. Ristea and L. -C. Dutu, "An End-To-End Emotion Recognition Framework Based on Temporal Aggregation of Multimodal Information," in IEEE Access, vol. 9, pp. 135559-135570, 2021, doi: 10.1109/ACCESS.2021.3116530, WOS:000704822700001 [Impact Factor: 3.9, ISI Q2 / categoria Science - Engineering, Electrical & Electronic]	ISI-Q2	4	3.900	35.500
6	N. -C. Ristea and A. Radoi, "Complex Neural Networks for Estimating Epicentral Distance, Depth, and Magnitude of Seismic Waves," in IEEE Geoscience and Remote Sensing Letters, doi: 10.1109/LGRS.2021.3059422, WOS:000732142700001 [Impact Factor 4.8, ISI Q1 / categoria Geochemistry & Geophysics, ISI Q2 / categoria Science - Engineering, Electrical & Electronic]	ISI-Q1	2	4.800	84.500
7	A. Birhala, C. N. Ristea, A. Radoi and L. C. Dutu, "Temporal aggregation of audio-visual modalities for emotion recognition," 2020 43rd International Conference on Telecommunications and Signal Processing (TSP), Milan, Italy, 2020, pp. 305-308, ISBN 978-1-7281-6377-2, doi: 10.1109/TSP49548.2020.9163474, WOS:000577106400065	ISI	4	0.250	8.125
8	C. Andronache, M. Negru, A. Neacsu, G. Cioroiu, A. Radoi and C. Burileanu, "Towards extending real-time EMG-based gesture recognition system," 2020 43rd International Conference on Telecommunications and Signal Processing (TSP), Milan, Italy, 2020, pp. 301-304, ISBN 978-1-7281-6377-2, doi: 10.1109/TSP49548.2020.9163481, WOS:000577106400064	ISI	4	0.250	8.125
9	M. Barbu, A. Radoi and G. Suci, "Landslide Monitoring using Convolutional Autoencoders," 2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Bucharest, Romania, 2020, pp. 1-6, ISBN 978-1-7281-6844-9, doi: 10.1109/ECAI50035.2020.9223121, WOS:000627393500003	ISI	3	0.250	10.833
10	A. Neacsu, G. Cioroiu, A. Radoi, C. Burileanu, Automatic EMG-based Hand Gesture Recognition System using Time-Domain Descriptors and Fully-Connected Neural Networks, 42nd International Conference on Telecommunications and Signal Processing (TSP), 2019, pp. 232-235, ISBN:978-1-7281-1864-2, doi 10.1109/TSP.2019.8768831, WOS:000493442800051	ISI	4	0.250	8.125
11	A. Radoi and M. Datcu, "Multilabel Annotation of Multispectral Remote Sensing Images using Error-Correcting Output Codes and Most Ambiguous Examples," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 12, no. 7, pp. 2121-2134, July 2019, ISSN 1939-1404. doi: 10.1109/JSTARS.2019.2916838; WOS:000480354800012 [Impact Factor 5.5, ISI Q1 / categoria Geography Physical, ISI Q2 / categoria Science - Engineering, Electrical & Electronic]	ISI-Q1	2	5.500	95.000
12	N. Ristea, L. C. Duțu and A. Radoi, "Emotion Recognition System from Speech and Visual Information based on Convolutional Neural Networks," 2019 International Conference on Speech Technology and Human-Computer Dialogue (SpeD), Timisoara, Romania, 2019, pp. 1-6, doi: 10.1109/SPED.2019.8906538, WOS:000571718700005	ISI	3	0.250	10.833
13	Bănică, M.V., Rădoi, A., Pârnu, P.V. Onboard visual tracking for UAV's. Scientific Journal of Silesian University of Technology. Series Transport. 2019, 105, 35-48. ISSN: 0209-3324. DOI: https://doi.org/10.20858/sjstst.2019.105.4, WOS:000513766500004	ISI	3	0.600	14.333
14	A. Rădoi, C. Burileanu, "Retrieval of Similar Evolution Patterns from Satellite Image Time Series", MDPI Applied Sciences, Vol. 8, 2018, 21 pag., https://doi.org/10.3390/app8122435, EISSN 2076-3417, WOS:000455145000103 [Impact Factor 2.7, ISI Q2 / categoria Engineering & Multidisciplinary]	ISI-Q2	2	2.700	53.000
15	A. Rădoi and C. Burileanu, "Query-by-Example Retrieval in Satellite Image Time Series," 2018 41st International Conference on Telecommunications and Signal Processing (TSP), Athens, Greece, 2018, pp. 1-5, doi: 10.1109/TSP.2018.8441223, EISBN: 978-1-5386-4695-3, WOS:000454845100176	ISI	2	0.250	16.250
16	A. Gaiță, G. Nicolae, A. Rădoi and C. Burileanu, "Chainsaw Sound Detection Based on Spectral Haar Coefficients," 2018 International Symposium ELMAR, Zadar, Croatia, 2018, pp. 139-142, doi: 10.23919/ELMAR.2018.8534594, ISBN: 978-953-184-244-0, WOS:000454262700032	ISI	4	0.250	8.125
17	G. Nicolae, A. Gaiță, A. Rădoi and C. Burileanu, "A Method for Chainsaw Sound Detection Based on Haar-like Features," 2018 41st International Conference on Telecommunications and Signal Processing (TSP), Athens, Greece, 2018, pp. 1-5, doi: 10.1109/TSP.2018.8441379, EISBN: 978-1-5386-4695-3, WOS:000454845100160	ISI	4	0.250	8.125
18	A. Rădoi, M. Datcu, "Bag-of-Visual Words and Error-Correcting Output Codes for Multilabel Classification of Remote Sensing Images", International Geoscience and Remote Sensing Symposium IGARSS 2018, Valencia, Spain, 2018, pp. 6955-6958. doi: 10.1109/IGARSS.2018.8519432, EISBN: 978-1-5386-7150-4, WOS:000451039806176	ISI	2	0.250	16.250
19	A. Rădoi, "Semantic Segmentation of RGB-NIR Images with Error-Correcting Output Codes," 2018 International Conference on Communications (COMM), Bucharest, 2018, pp. 135-138, doi: 10.1109/ICComm.2018.8484811, ISBN:978-1-5386-2350-3, WOS:000449526000024	ISI	1	0.250	32.500
20	A. Rădoi and C. Burileanu, "Infant Cry Classification Using Compression-Based Similarity Metric," 2018 International Conference on Communications (COMM), Bucharest, 2018, pp. 67-70, doi: 10.1109/ICComm.2018.8453632, ISBN:978-1-5386-2350-3, WOS:000449526000011	ISI	2	0.250	16.250
21	A. Rădoi, "Unsupervised Change Detection in Multispectral Satellite Images Using Optimal Thresholding Techniques", UPB Scientific Bulletin, Series C, Vol. 79, Issue 3, pp. 45 - 58, ISSN 2286-3540, Sept. 2017; WOS:000411060700004	ISI	1	0.300	34.000

22	A. C. Grivei, A. Rădoi and M. Datcu, "Land cover change detection in Satellite Image Time Series using an active learning method," 2017 9th International Workshop on the Analysis of Multitemporal Remote Sensing Images (MultiTemp), Brugge, 2017, pp. 1-4, doi: 10.1109/Multi-Temp.2017.8035213; ISBN 978-1-5386-3327-4, WOS:000427092400017	ISI	3	0.250	10.833
23	AC. Grivei, A. Rădoi , C. Văduva, M. Datcu, "An Active-Learning approach to the query by example retrieval in remote sensing images", IEEE International Conference on Communications (COMM), pp. 377-380, DOI: 10.1109/ICComm.2016.7528339, ISBN: 978-1-4673-8197-0, 2016, WOS:000383221900078	ISI	4	0.250	8.125
24	RM. Coliban, A. Rădoi , M. Ivanovici, "A color and multispectral fractal model for forest region identification in satellite images", IEEE International Conference on Communications (COMM), pp. 381-384, DOI: 10.1109/ICComm.2016.7528263, ISBN: 978-1-4673-8197-0, 2016, WOS:000383221900079	ISI	3	0.250	10.833
25	A. Rădoi , M. Datcu, „Automatic Change Analysis in Satellite Images Using Binary Descriptors and Lloyd-Max Quantization," IEEE Geoscience and Remote Sensing Letters, vol. 12, no. 6, pp.1223-1227, June 2015, ISSN: 1545-598X, eISSN: 1558-0571, DOI: 10.1109/LGRS.2015.2389144, WOS:000352571800013. [Impact Factor 4.8, ISI Q1 / categoria Geochemistry & Geophysics, ISI Q2 / categoria Science - Engineering, Electrical & Electronic]	ISI-Q1	2	4.800	84.500
26	A. Rădoi , M. Datcu, "Spatio-Temporal Characterization in Satellite Image Time Series," IEEE 8th International Workshop on the Analysis of Multitemporal Remote Sensing Images (Multi-Temp), pp.1-4, doi: 10.1109/Multi-Temp.2015.7245805, ISBN: 978-1-4673-7119-3, Annecy, France, 2015, WOS:000380400100060	ISI	2	0.250	16.250
27	A. Rădoi , Radu Tanase and Mihai Datcu,, "Semantic Interpretation of Multi-level Change Detection in Multi-Temporal Satellite Images", International Geoscience and Remote Sensing Symposium IGARSS 2015, pp. 4157 – 4160, Milano, Italy, 2015, DOI: 10.1109/IGARSS.2015.7326741, ISBN:978-1-4799-7929-5, ISSN: 2153-6996, WOS:000371696704060	ISI	3	0.250	10.833
28	R. Tănase, A. Rădoi , M. Datcu, D. Răducanu, "Polarimetric SAR Data Feature Selection Using Measures of Mutual Information", International Geoscience and Remote Sensing Symposium IGARSS 2015, pp. 1140 – 1143, Milano, Italy, 2015, DOI: 10.1109/IGARSS.2015.7325972, ISBN:978-1-4799-7929-5, ISSN: 2153-6996, WOS:000371696701065	ISI	4	0.250	8.125
29	A. Florescu, C. Oros, A. Rădoi , „Comparison Among Computational Intelligence Methods For Engine Knock Detection. Part 2", Revue Romaine Des Sciences Techniques, ISSN 0035-4066, Tome 57, No. 1, p. 80 - 89, Bucharest, 2012, WOS:000303096800009.	ISI	3	0.700	15.333
30	A. Rădoi , V. Lăzărescu, A. Florescu, „Wavelet Analysis To Detect The Knock On Internal Combustion Engines", Revue Romaine Des Sciences Techniques, ISSN 0035 – 4066, Tome 54, Issue 3, p. 301– 310, Bucharest, 2009, WOS:000269812800008	ISI	3	0.700	15.333
31	A. Florescu, A. Rădoi , C. Rădoi, D. N. Vizireanu, "Three Dual Switching Power Supplies Modules", CAS 2008 Proceedings, International Semiconductor Conference, 31 st Edition, vol. 2, p. 331 – 334, IEEE Catalog No. CFP08CAS – PRT, ISBN 978-1-4244-2004-9, Sinaia, Romania, 2008, WOS:000267590800068.	ISI	4	0.250	8.125
	... Includeți WOS: și DOI:				
	A2.2 Articole în reviste, și în volumele unor manifestari stiintifice indexate în alte baze de date internationale recunoscute (BDI) [4]	Baza de date [4]	Nr. Autori		
1	M. -A. Chirtu and A. Rădoi , "Seismic Signal Denoising using U-Net in the Time-Frequency Domain," 2022 45th International Conference on Telecommunications and Signal Processing (TSP), 2022, pp. 6-10, doi: 10.1109/TSP55681.2022.9851325.	IEEE Explore	2		10.000
2	M. Unsalan, A. Rădoi and M. Datcu, "SAR Image Classification Using Mixed Spatial-Spectral Information and Pre-trained Convolutional Neural Networks," 2022 14th International Conference on Communications (COMM), 2022, pp. 1-6, doi: 10.1109/COMM54429.2022.9817330.	IEEE Explore	3		6.667
3	A. Rădoi , "Convolutional Autoencoder-Based Image Reconstruction for Unsupervised Multimodal Change Detection," 2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS, 2021, pp. 4372-4375, ISSN 2153-7003, doi: 10.1109/IGARSS47720.2021.9553400.	IEEE Explore	1		20.000
4	A. Rădoi , D. A. Stoichescu, „Pedestrian and Object Detection Using Learned Convolutional Filters", Scientific Bulletin of UPB, Series C - Electrical Engineering, Vol. 77, Iss. 2, pp. 161 – 172, ISSN 2286-3540, June 2015;	Scopus	2		10.000
5	S. Segărceanu, T. Zaharia, A. Rădoi , „Speaker Verification Using GMM Modelling", Scientific Bulletin of UPB, Series C - Electrical Engineering , Vol. 76, No. 2, pp. 117 – 130, ISSN 2286 – 3540, 2014. (BDI - Scopus),	Scopus	3		6.667
6	A. Savu, A. Rădoi , A. Florescu, „Transformer Analysis for Wireless Power DC-DC Converters", International Review of Electrical Engineering (IREE), Praise Worthy Prize Ed., ISSN 1827-6679, Vol. 9, No. 1, pp. 26 – 35, 2014. (BDI - Scopus)	Scopus	3		6.667
7	A. Savu, A. Florescu, A. Rădoi , M. Teodorescu, „A Novel Approach in Designing an Integrated Transformer LLC Resonant Converter", International Review of Electrical Engineering (IREE), Praise Worthy Prize Ed., ISSN 1827 - 6660, Vol. 8, No. 2, pp. 586-594, 2013. (BDI - Scopus)	Scopus	4		5.000
8	A. Rădoi , M. Datcu, „SAR Imagery from the Perspective of Multiscale Chirplet Transform", EUSAR 2012, 9th European Conference on Synthetic Aperture Radar, pp. 187 – 190, ISBN 978-3-8007-3404-7, Nuremberg, Germany, 2012. (BDI – IEEE Xplore)	IEEE Explore	2		10.000

	... includeți DOI: dacă există				0.000
1	A2.3.1 Proprietate intelectuală, brevete de invenție, certificate ORDA - internaționale [5]	Înregistrat la [5]:	Nr. Autori	Factor impact [12]	
				0.000	0.000
	... includeți WOS: dacă există			0.000	0.000
1	A2.3.2 Proprietate intelectuală, brevete de invenție, certificate ORDA - naționale (OSIM)	Înregistrat la [5]:	Nr. Autori	Factor impact [12]	
				0.000	0.000
	... includeți WOS: dacă există			0.000	0.000
1	A2.4.1.1 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] (Director / responsabil partener) - internaționale	[6]	Nr.ani		
	... includeți perioada desfășurării: , identificare				0.000
1	A2.4.1.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] (Director / responsabil partener) - naționale		Nr.ani		
1	Iunie 2022 - Iunie 2024: MES-ER Multimodal Embedded System for Emotion Recognition, cod proiect PN-III-P2-2.1-PED-2021-3486, 682PED/2022 (funded by UEFISCDI), Director proiect: Conf. Dr. Ing. Anamaria Rădoi		2.00		20.000
2	Sept. 2021 - Sept. 2023: BDAGeoINT Transformarea unui volum masiv de date și informații geospațiale în intelligence acționabil, cod proiect PN-III-P2-2.1-SOL-2021-0084, 31SOL/2021 (funded by UEFISCDI), Responsabil UPB: conf. dr. ing. Anamaria Rădoi		2.00		20.000
3	Sept. 2020 - Sept. 2022: MDM-SITS Multimodal Data Mining in Satellite Image Time Series, cod proiect PN-III-P1-1.1-PD-2019-0843, PD132/2020 (funded by UEFISCDI), Director proiect: Conf. Dr. Ing. Anamaria Rădoi		2.00		20.000
4	Sept. 2017 - Sept. 2018: NEST (Analiza nesupervizată a evoluțiilor temporale), Contract nr. 32/25.09.2017, funded by GEX Program, Director proiect: Conf. Dr. Ing. Anamaria Rădoi		0.00		0.000
	... includeți perioada desfășurării: , identificare				0.000
1	A2.4.2.1 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] în calitate de director sau responsabil contract (Membru în echipă) - internaționale		Nr.ani		
	Feb. 2015 - Feb. 2017 (Key-person), DAMATS project (Data Mining For Analysis and Exploitation of Next Generation of Time Series, European Space Agency project in consortium with Terrasigna company and EOX company). Director proiect: Dr. Ing. C. Vaduva		2.00		8.000
	... includeți perioada desfășurării: , identificare				0.000
1	A2.4.2.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] în calitate de director sau responsabil contract (Membru în echipă) - naționale		Nr.ani		
	Oct 2020 - Oct 2022: Platformă integrată de achiziție a semnalelor EMG cu set de instrumente software pentru inteligența artificială, PN-III-P2-2.1-PED-2019-2392, funded by UEFISCDI, director proiect: prof. dr. ing. Corneliu Burileanu		2.00		4.000
	May 2019 - December 2019: project NXP "RISC V-based Hardware-Software System for Machine Learning Applications", owner University "Politehnica" of Bucharest, funded by NXP Semiconductors Romania, director proiect: prof. dr. ing. Corneliu Burileanu.		0.50		1.000
	2017 - 2020: UAV platform (unmanned aerial vehicle) with dedicated capabilities and support infrastructure with applications in national security missions (PN-III-P2-2.1-SOL-2016-01-0008 - funded by UEFISCDI, partners: INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE AEROSPATIALA "ELIE CARAFOLI" - I.N.C.A.S. BUCURESTI; UPB; MAPN - ACTTM; ICPE - CA BUCURESTI; UTI GRUP S.A.; AVIOANE CRAIOVA S.A.) Director: Conf. Dr. Ing. Thor Pleter		3.00		6.000

2017 - 2020: SPIA-VA – Technologies and innovative video systems for person re-identification and analysis of dissimulated behavior PN-III-P2-2.1-SOL-2016-02-0002 (funded by UEFISCDI, parteneri: UPB, UTI GRUP S.A., MAPN-ACTTM), Director: Prof. Dr. Ing. Bogdan Ionescu		3.00		6.000
2014 - 2016: LEO-SITS project, Long-Term Exploitation of Satellite Image Time Series, C1 Star Project under the Romanian Space Agency, ID 187. Director: Conf. Dr. Ing. D. Faur		2.00		4.000
Sept. 2013 - Sept. 2015: CEO-12-08 Compressive Thz-Imaging and Hadamard Spectroscopy for Space Applications, C1 Star Project under the Romanian Space Agency, joint with National Institute for Laser, Plasma and Radiation Physics INFLP, ID 153. Director: Prof. Dr. Ing. D. Coltuc		2.00		4.000
... includeți perioada desfășurării: , identificare				0.000
Total A2			38.800	1187.25

Nr.crt.

A3 - Recunoașterea și impactul activității				
A3.1.1 Citări [7] în cărți, reviste și volume ale unor manifestări științifice - cărți, ISI [8]	Baza de date	Nr. Autori articol citat	[7], [8]	Punctaj
A. Radoi, "Generative Adversarial Networks Under CutMix Transformations for Multimodal Change Detection," in IEEE Geoscience and Remote Sensing Letters, vol. 19, pp. 1-5, 2022, Art no. 2506905, doi: 10.1109/LGRS.2022.3201003, WOS:000850868700004				
Hongruiquan Chen, Naoto Yokoya, Marco Chini, "Fourier domain structural relationship analysis for unsupervised multimodal change detection", ISPRS Journal of Photogrammetry and Remote Sensing, Volume 198, 2023, Pages 99-114, ISSN 0924-2716, https://doi.org/10.1016/j.isprsjprs.2023.03.004. WOS:000956736300001	ISI-Q1	1		16.000
Wang, X.; Cheng, W.; Feng, Y.; Song, R. "TSCNet: Topological Structure Coupling Network for Change Detection of Heterogeneous Remote Sensing Images". Remote Sens. 2023, 15, 621. https://doi.org/10.3390/rs15030621, WOS:000930241800001	ISI-Q1	1		16.000
H. Chen, N. Yokoya, C. Wu and B. Du, "Unsupervised Multimodal Change Detection Based on Structural Relationship Graph Representation Learning," in IEEE Transactions on Geoscience and Remote Sensing, vol. 60, pp. 1-18, 2022, Art no. 5635318, doi: 10.1109/TGRS.2022.3229027. WOS:000922341700006	ISI-Q1	1		16.000
N. -C. Ristea and A. Radoi, "Complex Neural Networks for Estimating Epicentral Distance, Depth, and Magnitude of Seismic Waves," in IEEE Geoscience and Remote Sensing Letters, doi: 10.1109/LGRS.2021.3059422, WOS:000732142700001				
D. Yoon, Y. Li, B. Ku and H. Ko, "Estimation of Magnitude and Epicentral Distance From Seismic Waves Using Deeper CRNN," in IEEE Geoscience and Remote Sensing Letters, vol. 20, pp. 1-5, 2023, Art no. 3000305, doi: 10.1109/LGRS.2023.3234299. WOS:000933797700020	ISI-Q1	2		8.000
Hao Mai, Pascal Audet; QuakeLabeler: A Fast Seismic Data Set Creation and Annotation Toolbox for AI Applications. Seismological Research Letters 2022;; 93 (2A): 997-1010. doi: https://doi.org/10.1785/0220210290, WOS:000762029500005	ISI-Q2	2		8.000
A. Cofré et al., "End-to-End LSTM-Based Earthquake Magnitude Estimation With a Single Station," in IEEE Geoscience and Remote Sensing Letters, vol. 19, pp. 1-5, 2022, Art no. 3006905, doi: 10.1109/LGRS.2022.3175108, WOS:000801851500005	ISI-Q1	2		8.000
P. D. Hernández, J. A. Ramírez and M. A. Soto, "Deep-Learning-Based Earthquake Detection for Fiber-Optic Distributed Acoustic Sensing," in Journal of Lightwave Technology, vol. 40, no. 8, pp. 2639-2650, 15 April 15, 2022, doi: 10.1109/JLT.2021.3138724, WOS:000778946100048	ISI-Q1	2		8.000
Abigail Copiaco, Christian Ritz, Nidhal Abdulaziz, Stefano Fasciani "A Study of Features and Deep Neural Network Architectures and Hyper-Parameters for Domestic Audio Classification", Applied Sciences, vol. 11, nr. 11, (2021-01-01), DOI: 10.3390/app11114880, WOS:000659620000001	ISI-Q2	2		8.000
A. Radoi, "Convolutional Autoencoder-Based Image Reconstruction for Unsupervised Multimodal Change Detection," 2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS, 2021, pp. 4372-4375, ISSN 2153-7003, doi: 10.1109/IGARSS47720.2021.9553400.				
E. S. Sabry et al., "Image Retrieval Using Convolutional Autoencoder, InfoGAN, and Vision Transformer Unsupervised Models," in IEEE Access, vol. 11, pp. 20445-20477, 2023, doi: 10.1109/ACCESS.B253.B254.2023.3241858. WOS:000943479100001	ISI-Q2	1		16.000
A. Radoi, A. Birhala, N. -C. Ristea and L. -C. Dutu, "An End-To-End Emotion Recognition Framework Based on Temporal Aggregation of Multimodal Information," in IEEE Access, vol. 9, pp. 135559-135570, 2021, doi: 10.1109/ACCESS.2021.3116530, WOS:000704822700001				
Esam Ghaleb, Jan Niehues, and Stylianos Asteriadis. 2022. "Joint modelling of audio-visual cues using attention mechanisms for emotion recognition". Multimedia Tools Appl. 82, 8 (Mar 2023), 11239-11264. ISSN: 1380-7501 https://doi.org/10.1007/s11042-022-13557-w, WOS:000836525000005	ISI-Q2	4		4.000
R. Franceschini, et al., "Multimodal Emotion Recognition with Modality-Pairwise Unsupervised Contrastive Loss," in 2022 26th International Conference on Pattern Recognition (ICPR), Montreal, QC, Canada, 2022 pp. 2589-2596. doi: 10.1109/ICPR56361.2022.9956589, WOS:000897707602082	ISI	4		2.000

G. Du et al., "A Novel Emotion-Aware Method Based on the Fusion of Textual Description of Speech, Body Movements, and Facial Expressions," in IEEE Transactions on Instrumentation and Measurement, vol. 71, pp. 1-16, 2022, Art no. 5022816, doi: 10.1109/TIM.2022.3204940. WOS:000866496200005	ISI-Q1	4		4.000
A. Landowska, T. Zawadzka and M. Zawadzki, "Mining Inconsistent Emotion Recognition Results With the Multidimensional Model," in IEEE Access, vol. 10, pp. 6737-6759, 2021, doi: 10.1109/ACCESS.2021.3139078, WOS:000745451800001	ISI-Q2	4		4.000
A. Birhala, C. N. Ristea, A. Radoi and L. C. Dutu, "Temporal aggregation of audio-visual modalities for emotion recognition," 2020 43rd International Conference on Telecommunications and Signal Processing (TSP), Milan, Italy, 2020, pp. 305-308, doi: 10.1109/TSP49548.2020.9163474., WOS:000577106400065				
M. Tran and M. Soleymani, "A Pre-Trained Audio-Visual Transformer for Emotion Recognition," ICASSP 2022 - 2022 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Singapore, Singapore, 2022, pp. 4698-4702, doi: 10.1109/ICASSP43922.2022.9747278. WOS:000864187904197	ISI	4		2.000
Bodavarapu, P.N.R., Reddy, B.G.K., Srinivas, P. (2022). Novel 1D and 2D Convolutional Neural Networks for Facial and Speech Emotion Recognition. In: Chen, J.Z., Tavares, J.M.R.S., Shi, F. (eds) Third International Conference on Image Processing and Capsule Networks. ICIPCN 2022. Lecture Notes in Networks and Systems, vol 514. Springer, Cham. https://doi.org/10.1007/978-3-031-12413-6_29 WOS:000892628600029	ISI	4		2.000
Dhiman, R., Kang, G.S. & Gupta, V. Modified dense convolutional networks based emotion detection from speech using its paralinguistic features. Multimed Tools Appl 80, 32041–32069 (2021). https://doi.org/10.1007/s11042-021-11210-6	ISI-Q2	4		4.000
M. Barbu, A. Radoi and G. Suci, "Landslide Monitoring using Convolutional Autoencoders," 2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Bucharest, Romania, 2020, pp. 1-6, ISBN 978-1-7281-6844-9, doi: 10.1109/ECAI50035.2020.9223121, WOS:000627393500003				
S. Zhang et al., "State of the Art: High-Performance and High-Throughput Computing for Remote Sensing Big Data," in IEEE Geoscience and Remote Sensing Magazine, vol. 10, no. 4, pp. 125-149, Dec. 2022, doi: 10.1109/MGRS.2022.3204590. WOS:000859731700001	ISI-Q1	4		4.000
Hejar Shahabi, Maryam Rahimzad, Sepideh Tavakkoli Piralilou, Omid Ghorbanzadeh, Saied Homayouni, Thomas Blaschke, Samsung Lim, Pedram Ghamisi "Unsupervised Deep Learning for Landslide Detection from Multispectral Sentinel-2 Imagery", Remote Sensing, vol. 13, nr. 22, 2021, DOI: 10.3390/rs13224698 WOS:000771958500022	ISI-Q1	4		4.000
Kusak, Lutfiye, Unel, Fatma Bunyan, Alptekin, Aydın, Celik, Mehmet Ozgur and Yakar, Murat. "Apriori association rule and K-means clustering algorithms for interpretation of pre-event landslide areas and landslide inventory mapping" Open Geosciences, vol. 13, no. 1, 2021, pp. 1226-1244. https://doi.org/10.1515/geo-2020-0299 WOS:000734484700001	ISI	4		2.000
C. Andronache, M. Negru, A. Neacsu, G. Cioroiu, A. Radoi and C. Burileanu, "Towards extending real-time EMG-based gesture recognition system," 2020 43rd International Conference on Telecommunications and Signal Processing (TSP), Milan, Italy, 2020, pp. 301-304, doi: 10.1109/TSP49548.2020.9163481				
Yang, Y., Li, J., Li, B. et al. MDHandNet: a lightweight deep neural network for hand gesture/sign language recognition based on micro-doppler images. World Wide Web (2022). https://doi.org/10.1007/s11280-021-00985-1 , WOS:000749926400001	ISI	6		1.333
P. Kumar, A. Phinyomark and E. Scheme, "Verification-Based Design of a Robust EMG Wake Word," 2021 43rd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), 2021, pp. 638-642, doi: 10.1109/EMBC46164.2021.9630922, WOS:000760910500149	ISI	6		1.333
Barona López, Lorena Isabel, et al. "An Energy-Based Method for Orientation Correction of EMG Bracelet Sensors in Hand Gesture Recognition Systems." Sensors 20.21 (2020): 6327, WOS:000589424800001	ISI-Q1	6		2.667
N. Ristea, L. C. Duțu and A. Radoi, "Emotion Recognition System from Speech and Visual Information based on Convolutional Neural Networks," 2019 International Conference on Speech Technology and Human-Computer Dialogue (SpeD), Timisoara, Romania, 2019, pp. 1-6, doi: 10.1109/SPED.2019.8906538, WOS:000571718700005				
Ahmed, Md Rayhan, et al. "An ensemble 1D-CNN-LSTM-GRU model with data augmentation for speech emotion recognition." Expert Systems with Applications 218 (2023): 119633. WOS:000963710400001	ISI-Q1	3		5.333
S. Iyer, C. Glackin, N. Cannings, V. Veneziano and Y. Sun, "A Comparison Between Convolutional and Transformer Architectures for Speech Emotion Recognition," 2022 International Joint Conference on Neural Networks (IJCNN), Padua, Italy, 2022, pp. 1-8, doi: 10.1109/IJCNN55064.2022.9891882. WOS:000867070900015	ISI	3		2.667
Masoumeh Sharafi, Mohammadreza Yazdchi, Reza Rasti, Fahimeh Nasimi, A novel spatio-temporal convolutional neural framework for multimodal emotion recognition, Biomedical Signal Processing and Control, Volume 78, 2022, 103970, ISSN 1746-8094, https://doi.org/10.1016/j.bspc.2022.103970 . WOS:000895949400001	ISI-Q2	3		5.333
M. R. Falahzadeh, E. Z. Farsa, A. Harimi, A. Ahmadi and A. Abraham, "3D Convolutional Neural Network for Speech Emotion Recognition With Its Realization on Intel CPU and NVIDIA GPU," in IEEE Access, vol. 10, pp. 112460-112471, 2022, doi: 10.1109/ACCESS.2022.3217226. WOS:000878111800001	ISI-Q2	3		5.333

V. John and Y. Kawanishi, "Audio and Video-based Emotion Recognition using Multimodal Transformers," 2022 26th International Conference on Pattern Recognition (ICPR), Montreal, QC, Canada, 2022, pp. 2582-2588, doi: 10.1109/ICPR56361.2022.9956730. WOS:000897707602081	ISI	3		2.667
Chang, Xin, and Skarbek Wladyslaw. "Multimodal emotion classification by streaming fixed time segments for speaker movies." Photonics Applications in Astronomy, Communications, Industry, and High Energy Physics Experiments 2020. Vol. 11581. International Society for Optics and Photonics, 2020. WOS:000632477100007	ISI	3		2.667
Chang, Xin, and Wladyslaw Skarbek. "Multi-modal residual perceptron network for audio-video emotion recognition." Sensors 21.16 (2021): 5452. WOS:000690191900001	ISI-Q2	3		5.333
S. E. Eskimez, Y. Zhang and Z. Duan, "Speech Driven Talking Face Generation From a Single Image and an Emotion Condition," in IEEE Transactions on Multimedia, vol. 24, pp. 3480-3490, 2021, doi: 10.1109/TMM.2021.3099900. WOS:000824706400004	ISI-Q1	3		5.333
Balaganesh Mohan, Mirela Popa "Temporal based Emotion Recognition inspired by Activity Recognition models", 2021 9th International Conference on Affective Computing and Intelligent Interaction Workshops and Demos (ACIIW), (2021-01-01), DOI: 10.1109/aciiw52867.2021.9666356, WOS:000794289400037	ISI	3		2.667
Srinivas, P. V. V. S., and Pragnyanan Mishra. "An Improvised Facial Emotion Recognition System using the Optimized Convolutional Neural Network Model with Dropout." International Journal of Advanced Computer Science and Applications 12.7 (2021). WOS:000686175500043	ISI	3		2.667
A. Radoi and M. Datu, "Multilabel Annotation of Multispectral Remote Sensing Images using Error-Correcting Output Codes and Most Ambiguous Examples," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 12, no. 7, pp. 2121-2134, July 2019. doi: 10.1109/JSTARS.2019.2916838; WOS:000480354800012				
F. Yao et al., "Hypergraph-Enhanced Textual-Visual Matching Network for Cross-Modal Remote Sensing Image Retrieval via Dynamic Hypergraph Learning," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 16, pp. 688-701, 2023, doi: 10.1109/JSTARS.2022.3226325. WOS:000905709800005	ISI-Q1	2		8.000
Liu, Youhua, Yixin Chen, and Hao Cheng. "Dynamic monitoring of environmental quality in tourist attractions based on UAV multispectral remote sensing." International Journal of Environmental Technology and Management Vol 25, Issue 1-2 (2022): 49-64, ISSN: 1466-2132, WOS:000751876400004	ISI	2		4.000
T. Zhao, H. Li, H. Hu, X. Fu, "Water Body Extraction From Remote Sensing Image Of Wuliangsuhai Lake Based On Fully Convolutional Neural Network", U.P.B. Sci. Bull., Series C, Vol. 84, Iss. 2, Pp. 185 - 202, 2022, ISSN 2286-3540, WOS:000805648400013	ISI	2		4.000
Z. Yuan et al., "Exploring a Fine-Grained Multiscale Method for Cross-Modal Remote Sensing Image Retrieval," in IEEE Transactions on Geoscience and Remote Sensing, vol. 60, pp. 1-19, 2021, Art no. 4404119, doi: 10.1109/TGRS.2021.3078451, WOS:000732749800001	ISI-Q1	2		8.000
Zou, Jia-Yu, Meng-Xin Sun, Kun-Hong Liu, and Qing-Qiang Wu. "The design of dynamic ensemble selection strategy for the error-correcting output codes family." Information Sciences 571 (2021): 1-23, ISSN0020-0255, WOS:000684796000001	ISI-Q1	2		8.000
M. Papadomanolaki, M. Vakalopoulou and K. Karantzas, "A Deep Multitask Learning Framework Coupling Semantic Segmentation and Fully Convolutional LSTM Networks for Urban Change Detection," in IEEE Transactions on Geoscience and Remote Sensing, vol. 59, no. 9, pp. 7651-7668, Sept. 2021, doi: 10.1109/TGRS.2021.3055584, WOS:000690968800042	ISI-Q1	2		8.000
Y. Wang, S. Ji and Y. Zhang, "A Learnable Joint Spatial and Spectral Transformation for High Resolution Remote Sensing Image Retrieval," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 14, pp. 8100-8112, 2021, doi: 10.1109/JSTARS.2021.3103216, WOS:000690441600010	ISI-Q1	2		8.000
S. Otgonbaatar and M. Datu, "A Quantum Annealer for Subset Feature Selection and the Classification of Hyperspectral Images," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 14, pp. 7057-7065, 2021, doi: 10.1109/JSTARS.2021.3095377, WOS:000678338200011	ISI-Q1	2		8.000
Q. Cheng, Y. Zhou, P. Fu, Y. Xu and L. Zhang, "A Deep Semantic Alignment Network for the Cross-Modal Image-Text Retrieval in Remote Sensing," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 14, pp. 4284-4297, 2021, doi: 10.1109/JSTARS.2021.3070872, WOS:000647337300004	ISI-Q1	2		8.000
Guo, Mao, Chenghu Zhou, and Jiahang Liu. "Jointly Learning of Visual and Auditory: A New Approach for RS Image and Audio Cross-Modal Retrieval." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 12.11 (2019): 4644-4654, WOS:000508437700040	ISI-Q1	2		8.000
A. Neacsu, G. Cioroiu, A. Radoi, C. Burileanu, Automatic EMG-based Hand Gesture Recognition System using Time-Domain Descriptors and Fully-Connected Neural Networks, 42nd International Conference on Telecommunications and Signal Processing (TSP), 2019, pp. 232-235, ISBN:978-1-7281-1864-2, WOS:000493442800051				
A. Tripathi, A. P. Prathosh, S. P. Muthukrishnan and L. Kumar, "SurfMyoAiR: A Surface Electromyography-Based Framework for Airwriting Recognition," in IEEE Transactions on Instrumentation and Measurement, vol. 72, pp. 1-12, 2023, Art no. 2507212, doi: 10.1109/TIM.2023.3248084. WOS:000955971400012	ISI-Q1	4		4.000

Diao, Yanan, et al. "A fuzzy granular logistic regression algorithm for sEMG-based cross-individual prosthetic hand gesture classification." <i>Journal of Neural Engineering</i> (2023). WOS:000962547900001	ISI-Q2	4		4.000
Xin Wang, Dharmaraj Veeramani, Zhenhua Zhu, Gaze-aware hand gesture recognition for intelligent construction, <i>Engineering Applications of Artificial Intelligence</i> , Volume 123, Part A, 2023, 106179. ISSN 0952-1976, https://doi.org/10.1016/j.engappai.2023.106179 . WOS:000969654600001	ISI-Q1	4		4.000
X. Wang, D. Veeramani and Z. Zhu, "Wearable Sensors-Based Hand Gesture Recognition for Human–Robot Collaboration in Construction," in <i>IEEE Sensors Journal</i> , vol. 23, no. 1, pp. 495-505, 1 Jan.1, 2023, doi: 10.1109/JSEN.2022.3222801. WOS:000971198700044	ISI-Q1	4		4.000
T. Baek, Y. G. Lee, "Traffic control hand signal recognition using convolution and recurrent neural networks", <i>Journal of Computational Design and Engineering</i> , Volume 9, Issue 2, April 2022, Pages 296–309, https://doi.org/10.1093/jcde/qwab080 , WOS:000761292000002	ISI-Q1	4		4.000
Q. Li, Z. Luo and J. Zheng, "A New Deep Anomaly Detection-Based Method for User Authentication Using Multichannel Surface EMG Signals of Hand Gestures," in <i>IEEE Transactions on Instrumentation and Measurement</i> , vol. 71, pp. 1-11, 2022, Art no. 2506511, doi: 10.1109/TIM.2022.3164162, WOS:000782798200002	ISI-Q1	4		4.000
Bittibssi, TM]; Zekry, A; Genedy, MA; Maged, SA "sEMG pattern recognition based on recurrent neural network", <i>Biomedical Signal Processing and Control</i> , Volume 70, September 2021, DOI: j.bspc.2021.103048, ISSN1746-8094, WOS:000697450200006	ISI-Q2	4		4.000
Hanrui Chen, Tianyu Qin, Yuehan Zhang, Binqiang Guan "Recognition of American Sign Language Gestures Based On Electromyogram (EMG) Signal With XGBoost Machine Learning", 2021 3rd International Conference on Machine Learning, Big Data and Business Intelligence (MLBDBI), (2021-01-01), DOI: 10.1109/mlbdi54094.2021.00013, WOS:000804043100006	ISI	4		2.000
Li W, Shi P and Yu H (2021) Gesture Recognition Using Surface Electromyography and Deep Learning for Prostheses Hand: State-of-the-Art, Challenges, and Future. <i>Front. Neurosci.</i> 15:621885. doi: 10.3389/fnins.2021.621885, WOS:000648444400001	ISI-Q2	4		4.000
Z. Yang, X. Liu, Z. Li, B. Yuan and Y. Zhang, "RF-Eletter: A Cross-Domain English Letter Recognition System Based on RFID," in <i>IEEE Access</i> , vol. 9, pp. 155260-155273, 2021, doi: 10.1109/ACCESS.2021.3128293, WOS:000722712500001	ISI-Q2	4		4.000
Triwiyanto, T., Endro Yulianto, I Dewa Gede Hari Wisana, Muhammad Ridha Mak'ruf, Bambang Guruh Irianto, Endang Dian Setioningsih, Ridho Hanggara Mukti, and Dhimas Sugma Herdinanta. "Electromyography Feature Analysis to Recognize the Hand Motion in a Prosthetic Hand Design." <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> 50 (April 2021): 25–37. https://doi.org/10.4028/www.scientific.net/jbbbe.50.25 , WOS:000638247500003	ISI	4		2.000
Triwiyanto, T., Moch Prastawa Assalim Tetra Putra, Priyambada Cahya Nugraha, Bambang Guruh Irianto, Syaifudin, Her Gumiwang Ariswati, and Laksamana Budi Pratama. "Design of Hand Exoskeleton for Paralysis with Voice Pattern Recognition Control." <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> 50 (April 2021): 51–58. https://doi.org/10.4028/www.scientific.net/jbbbe.50.51 , WOS:000638247500005	ISI	4		2.000
Barona López, Lorena Isabel, et al. "An Energy-Based Method for Orientation Correction of EMG Bracelet Sensors in Hand Gesture Recognition Systems." <i>Sensors</i> 20.21 (2020): 6327, WOS:000589424800001	ISI-Q2	4		4.000
Neacsu, Ana, Jean-Christophe Pesquet, and Corneliu Burileanu. "Accuracy-Robustness Trade-Off for Positively Weighted Neural Networks." <i>ICASSP 2020-2020 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)</i> . IEEE, 2020. WOS:000615970408132	ISI	4		2.000
Jaramillo-Yáñez, Andrés, Marco E. Benalcázar, and Elisa Mena-Maldonado. "Real-Time Hand Gesture Recognition Using Surface Electromyography and Machine Learning: A Systematic Literature Review." <i>Sensors</i> 20.9 (2020): 2467, WOS:000537106200031	ISI-Q1	4		4.000
Xu, Zhenjin, et al. "Advanced Hand Gesture Prediction Robust to Electrode Shift with an Arbitrary Angle." <i>Sensors</i> 20.4 (2020): 1113, WOS:000522448600164	ISI-Q2	4		4.000
A. Rădoi, C. Burileanu, "Retrieval of Similar Evolution Patterns from Satellite Image Time Series", <i>MDPI Applied Sciences</i> , Vol. 8, 2018, 21 pag., https://doi.org/10.3390/app8122435 , EISSN 2076-3417, WOS:000455145000103				
J. Yan, L. Wang, H. He, D. Liang, W. Song and W. Han, "Large-Area Land-Cover Changes Monitoring With Time-Series Remote Sensing Images Using Transferable Deep Models," in <i>IEEE Transactions on Geoscience and Remote Sensing</i> , vol. 60, pp. 1-17, 2022, Art no. 4409917, doi: 10.1109/TGRS.2022.3160617. WOS:000783579800031	ISI-Q1	2		8.000
Alvan Romero, N.; Cigna, F.; Tapete, D. ERS-1/2 and Sentinel-1 SAR Data Mining for Flood Hazard and Risk Assessment in Lima, Peru. <i>Appl. Sci.</i> 2020, 10, 6598. WOS:000580475900001	ISI-Q2	2		8.000
Dot, Tristan, et al. "Non-Linear Template-Based Approach for the Study of Locomotion." <i>Sensors</i> 20.7 (2020): 1939, WOS:000537110500135	ISI-Q1	2		8.000
Liao, Weihua & Hou, Daizhong & Jiang, Weiguo. (2019). An Approach for a Spatial Data Attribute Similarity Measure Based on Granular Computing Closeness. <i>Applied Sciences</i> . 9. 2628. 10.3390/app9132628, WOS:000477031900047	ISI-Q1	2		8.000
Candelieri, Antonio, Stanislav Fedorov, and Enza Messina. "Efficient Kernel-Based Subsequence Search for Enabling Health Monitoring Services in IoT-Based Home Setting." <i>Sensors</i> 19.23 (2019): 5192, WOS:000507606200135	ISI-Q1	2		8.000
Herencsar, N.; Benedetto, F.; Crichigno, J. Special Issue "Selected Papers from the 2018 41st International Conference on Telecommunications and Signal Processing (TSP)". <i>Appl. Sci.</i> 2019, 9, 2056. https://doi.org/10.3390/app9102056 , WOS:000473748100091	ISI-Q2	2		8.000

Tsai, Wen-Chung, You-Jyun Shih, and Nien-Ting Huang. "Hardware-Accelerated, Short-Term Processing Voice and Nonvoice Sound Recognitions for Electric Equipment Control." <i>Electronics</i> 8, no. 9 (2019): 924. WOS:000489128400011	ISI	2		4.000
A. Rădoi, M. Datcu, "Bag-of-Visual Words and Error-Correcting Output Codes for Multilabel Classification of Remote Sensing Images", <i>International Geoscience and Remote Sensing Symposium IGARSS 2018, Valencia, Spain, 2018</i> , pp. 6955-6958. doi: 10.1109/IGARSS.2018.8519432, EISBN: 978-1-5386-7150-4, WOS:000451039806176				
Y. Zhang et al., "Curvelet Adversarial Augmented Neural Network for SAR Image Classification," in <i>IEEE Transactions on Geoscience and Remote Sensing</i> , vol. 61, pp. 1-17, 2023, Art no. 4400717, doi: 10.1109/TGRS.2023.3239226. WOS:000960565400009	ISI-Q1	2		8.000
Na Dong, Minghui Qin, Jianfang Chang, C.H. Wu, W.H. Ip, and K.L. Yung. 2022. Weighted triplet loss based on deep neural networks for loop closure detection in VSLAM. <i>Comput. Commun.</i> 186, C (Mar 2022), 153–165. https://doi.org/10.1016/j.comcom.2022.01.013 , WOS:000805470400014	ISI-Q1	2		8.000
Wang, Deyi, Chengkun Zhang, and Min Han. "MLFC-net: A multi-level feature combination attention model for remote sensing scene classification." <i>Computers & Geosciences</i> 160 (2022): 105042, WOS:000754757400001	ISI-Q1	2		8.000
A. Rădoi and C. Burileanu, "Query-by-Example Retrieval in Satellite Image Time Series," 2018 41st International Conference on Telecommunications and Signal Processing (TSP), Athens, Greece, 2018, pp. 1-5, doi: 10.1109/TSP.2018.8441223, WOS:000454845100176				
O. Vuran, O. Akcin, M. Ravanbakhsh, B. Sankur and B. Demir. "Deep Learning Driven Content-Based Image Time-Series Retrieval in Remote Sensing Archives," <i>IGARSS 2022 - 2022 IEEE International Geoscience and Remote Sensing Symposium</i> , Kuala Lumpur, Malaysia, 2022, pp. 1940-1943, doi: 10.1109/IGARSS46834.2022.9884495. WOS:000920916602041	ISI	2		4.000
Hongbo Li, Hong Zhu, and Zongmin Cui, "A spatial text query scheme based on semantic-aware". <i>Proceedings of the 3rd International Conference on High Performance Compilation, Computing and Communications (HP3C '19)</i> . ACM, New York, NY, USA, pp. 55-58, 2019. DOI: https://doi.org/10.1145/3318265.3319613 . WOS:000473329300011	ISI	2		4.000
A. Gaiță, G. Nicolae, A. Rădoi and C. Burileanu, "Chainsaw Sound Detection Based on Spectral Haar Coefficients," 2018 International Symposium ELMAR, Zadar, Croatia, 2018, pp. 139-142. doi: 10.23919/ELMAR.2018.8534594, ISBN: 978-953-184-244-0, WOS:000454262700032				
Alessandro Andreadis, Giovanni Giambene, Riccardo Zambon "Monitoring Illegal Tree Cutting through Ultra-Low-Power Smart IoT Devices", <i>Sensors</i> , vol. 21, nr. 22, 2021, DOI: 10.3390/s21227593 WOS:000726222500001	ISI-Q1	4		4.000
Mporas, I.; Perikos, I.; Kelefouras, V.; Paraskevas, M. Illegal Logging Detection Based on Acoustic Surveillance of Forest. <i>Appl. Sci.</i> 2020, 10, 7379. WOS:000585470000001	ISI-Q2	4		4.000
A. Rădoi and C. Burileanu, "Infant Cry Classification Using Compression-Based Similarity Metric," 2018 International Conference on Communications (COMM), Bucharest, 2018, pp. 67-70, doi: 10.1109/ICComm.2018.8453632, ISBN:978-1-5386-2350-3, WOS:000449526000011				
C. Ji and Y. Pan, "Infant Vocal Tract Development Analysis and Diagnosis by Cry Signals with CNN Age Classification," 2021 International Conference on Speech Technology and Human-Computer Dialogue (SpeD), 2021, pp. 37-41, doi: 10.1109/SpeD53181.2021.9587391. WOS:000786794700007	ISI	2		4.000
L. Grama and C. Rusu, "Extending Assisted Audio Capabilities of TIAGO Service Robot," 2019 International Conference on Speech Technology and Human-Computer Dialogue (SpeD), Timisoara, Romania, 2019, pp. 1-8, doi: 10.1109/SPED.2019.8906635. WOS:000571718700033	ISI	2		4.000
A. C. Grivei, A. Rădoi and M. Datcu, "Land cover change detection in Satellite Image Time Series using an active learning method," 2017 9th International Workshop on the Analysis of Multitemporal Remote Sensing Images (MultiTemp), Brugge, 2017, pp. 1-4, doi: 10.1109/Multi-Temp.2017.8035213; ISBN 978-1-5386-3327-4, WOS:000427092400017				
Himeur, Yassine, et al. "Using artificial intelligence and data fusion for environmental monitoring: A review and future perspectives." <i>Information Fusion</i> (2022). WOS:000831084100004	ISI-Q1	3		5.333
Constantin Nistor, Marina Virghileanu, Irina Carlan, Bogdan-Andrei Mihai, Liviu Toma, Bogdan Olariu "Remote Sensing-Based Analysis of Urban Landscape Change in the City of Bucharest, Romania", <i>Remote Sensing</i> , vol. 13, nr. 12, 2021, DOI: 10.3390/rs13122323 WOS:000666386800001	ISI-Q1	3		5.333
A. Rădoi, "Unsupervised Change Detection in Multispectral Satellite Images Using Optimal Thresholding Techniques", <i>UPB Scientific Bulletin, Series C, Vol. 79, Issue 3</i> , pp. 45 - 58, ISSN 2286-3540, Sept. 2017; WOS:000411060700004				
Firuți, Bogdan-Cristian, et al. "Road risk-index analysis using satellite products." <i>Sensors</i> 23.5 (2023): 2751. WOS:000946966500001	ISI-Q2	1		16.000
AC. Grivei, A. Rădoi, C. Văduva, M. Datcu, "An Active-Learning approach to the query by example retrieval in remote sensing images", <i>IEEE International Conference on Communications (COMM)</i> , pp. 377-380, DOI: 10.1109/ICComm.2016.7528339, ISBN: 978-1-4673-8197-0, 2016 (WOS:000383221900078)				
O. Ghozatlou, M. H. Conde and M. Datcu, "Query by Example in Remote Sensing Image Archive Using Enhanced Deep Support Vector Data Description," in <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , vol. 16, pp. 1197-1210, 2023, doi: 10.1109/JSTARS.2022.3233105. WOS:000917253900001	ISI-Q1	4		4.000

Sudha, S. K., and S. Aji. "An active learning method with entropy weighting subspace clustering for remote sensing image retrieval." <i>Applied Soft Computing</i> 125 (2022): 109107. WOS:000835742800005	ISI-Q1	4		4.000
Li, Yansheng; Ma, Jiayi; Zhang, Yongjun, "Image retrieval from remote sensing big data: A survey", <i>INFORMATION FUSION</i> Volume: 67 Pages: 94-115 ISSN: 1566-2535, MAR 2021, DOI: 10.1016/j.inffus.2020.10.008, WOS:000598348400008	ISI-Q1	4		4.000
S.K. Sudha, S. Aji, "A Review on Recent Advances in Remote Sensing Image Retrieval Techniques", <i>Journal of Indian Society of Remote Sensing</i> , Vol. 47, Issue 12, pp. 2129-2139, 2019, DOI: 10.1007/s12524-019-01049-8, ISSN: 0255-660X, WOS:000496024800012	ISI	4		2.000
Marcu, Alina-Elena, George Suciu, Elena Olteanu, Delia Miu, Alexandru Drosu, and Ioana Marcu. "IoT System for Forest Monitoring." In 2019 42nd <i>International Conference on Telecommunications and Signal Processing (TSP)</i> , pp. 629-632. IEEE, 2019, WOS:000493442800138	ISI	4		2.000
Y. Boualleg and M. Farah, "Enhanced Interactive Remote Sensing Image Retrieval with Scene Classification Convolutional Neural Networks Model," <i>IGARSS 2018 - 2018 IEEE International Geoscience and Remote Sensing Symposium, Valencia, 2018</i> , pp. 4748-4751. doi: 10.1109/IGARSS.2018.8518388, WOS:000451039804171	ISI	4		2.000
A. Rădoi, M. Dăcu, „Automatic Change Analysis in Satellite Images Using Binary Descriptors and Lloyd-Max Quantization." <i>IEEE Geoscience and Remote Sensing Letters</i> , vol. 12, no. 6, pp.1223-1227, June 2015, ISSN: 1545-598X, eISSN: 1558-0571, DOI: 10.1109/LGRS.2015.2389144, WOS:000352571800013.				
Z. Lv, T. Liu, J. A. Benediktsson and N. Falco, "Land Cover Change Detection Techniques: Very-high-resolution optical images: A review," in <i>IEEE Geoscience and Remote Sensing Magazine</i> , vol. 10, no. 1, pp. 44-63, 2021, doi: 10.1109/MGRS.2021.3088865. WOS:000732126500001	ISI-Q1	2		8.000
N. Gupta, S. Ari and N. Panigrahi, "Change Detection in Landsat Images Using Unsupervised Learning and RBF-Based Clustering," in <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , vol. 5, no. 2, pp. 284-297, April 2019, doi: 10.1109/TETCI.2019.2932087. WOS:000677883700012	ISI-Q2	2		8.000
Hui, Zheng, and Quan Zhou. "A novel high payload steganography scheme based on absolute moment block truncation coding." <i>Multimedia Tools and Applications</i> (2020): 1-24, WOS:000541201200004	ISI-Q2	2		8.000
Gupta, Neha, and Samit Ari. "Spatial Neighborhood Mutual Information based Satellite Image Change Detection." 2019 <i>IEEE 5th International Conference for Convergence in Technology (I2CT)</i> . IEEE, 2019. WOS:000560958400097	ISI	2		4.000
N. Gupta, P. Singh and S. Ari, "Feature Fusion based Unsupervised Change Detection in Optical Satellite Images," 2019 <i>IEEE 5th International Conference for Convergence in Technology (I2CT)</i> , Bombay, India, 2019, pp. 1-5, doi: 10.1109/I2CT45611.2019.9033712. WOS:000560958400150	ISI	2		4.000
A.A. Sheikh, A. Kole, and T. Maity, "A Multi-level Approach for Change Detection of Buildings using Satellite Imagery", <i>International Journal on Artificial Intelligence Tools</i> , Volume: 27 Issue: 8, 2018, ISSN: 0218-2130, DOI: 10.1142/S0218213018500318, WOS:000454162000002	ISI	2		4.000
N. Gupta, G. Pillai, S. Ari, "Change Detection in Landsat Images based on Local Neighbourhood Information", <i>IET Image Processing</i> , Vol. 12, Issue 11, pp. 2051-2058, 2018, DOI: 10.1049/iet-ipt.2018.5524, WOS:000454356600016	ISI	2		4.000
N. Gupta, G. V. Pillai and S. Ari, "Change Detection in Optical Satellite Images Based on Local Binary Similarity Pattern Technique," in <i>IEEE Geoscience and Remote Sensing Letters</i> , vol. 15, no. 3, pp. 389-393, March 2018. doi: 10.1109/LGRS.2018.2789404; WOS:000426272400015	ISI-Q1	2		8.000
N. Gupta, G. V. Pillai, S. Ari, "Unsupervised Change Detection in Optical Satellite Images using Binary Descriptor", <i>IEEE International Conference on Wireless Communications Signal Processing and Networking (WiSPNET)</i> , pp. 750-754, India, 2017, WOS:000428513600133	ISI	2		4.000
G. V. Pillai, N. Gupta and S. Ari, "Descriptors based unsupervised change detection in satellite images," 2017 <i>International Conference on Communication and Signal Processing (ICCSP)</i> , Chennai, 2017, pp. 1629-1633, doi: 10.1109/ICCSP.2017.8286666; WOS:000426990500230	ISI	2		4.000
A. Ozgur, N. Saran, F. Nar, "Parallelization of Sparsity-driven Change Detection Method", <i>Signal Processing and Communications Applications Conference (SIU) 2017 25th</i> , pp. 1-4, 2017, WOS:000413813100318	ISI	2		4.000
N. Fatih, O. Atilla, S. Ayse Nurdan, "Sparsity-Driven Change Detection in Multitemporal SAR Images", <i>IEEE Geoscience and Remote Sensing Letters</i> , vol. 13, no. 7, pp.1032-1036, July 2016, ISSN: 1545-598X, eISSN: 1558-0571, DOI:10.1109/LGRS.2016.2562032, WOS:000379718600031	ISI-Q1	2		8.000
R. Tănase, A. Rădoi, M. Dăcu, D. Răducanu, "Polarimetric SAR Data Feature Selection Using Measures of Mutual Information", <i>International Geoscience and Remote Sensing Symposium IGARSS 2015</i> , pp. 1140 – 1143, Milano, Italy, 2015, DOI: 10.1109/IGARSS.2015.7325972, ISBN:978-1-4799-7929-5, ISSN: 2153-6996, WOS:000371696701065				
Wang, Jianlong & Hou, Biao & Ren, Bo & Zhang, Yake & Yang, Meijuan & Wang, Shuang & Jiao, Licheng. (2022). Parameter selection of Touzi decomposition and a distribution improved autoencoder for PolSAR image classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> . 186. 246-266. 10.1016/j.isprsjprs.2022.02.003. WOS:000777305600003	ISI-Q1	4		4.000
C. Yang et al., "Reconstruction Error-Based Decomposition Feature Selection for PolSAR Image," in <i>IEEE Transactions on Geoscience and Remote Sensing</i> , vol. 60, pp. 1-19, 2021, Art no. 5216719, doi: 10.1109/TGRS.2021.3125323. WOS:000756892900031	ISI-Q1	4		4.000
Wang, J.; Hou, B.; Jiao, L.; Wang, S. Representative Learning via Span-Based Mutual Information for PolSAR Image Classification. <i>Remote Sens.</i> 2021, 13, 1609. https://doi.org/10.3390/rs13091609 , WOS:000650746400001	ISI-Q1	4		4.000

Octavian Dumitru, Gabriel Dax, Gottfried Schwarz, Constantin Cazacu, Mihai Cristian Adamescu, Mihai Dăţcu "Accurate monitoring of the Danube Delta dynamics using Copernicus data", SPIE 2019 Remote Sensing conference (2019-01-01) WOS: 000511158200001	ISI	4		2.000
A. Florescu, C. Oros, A. Rădoi, „Comparison Among Computational Intelligence Methods For Engine Knock Detection. Part 2”, Revue Romaine Des Sciences Techniques, ISSN 0035-4066, Tome 57, No. 1, p. 80 - 89, Bucharest, 2012, WOS:000303096800009.				
I. V. Bornoiu, O. Grigore, "Evaluation of Multiple Levels of Psychological Stress using only Electrodermal Activity Data", Revue Roumaine des Sciences Techniques, ISSN 0035 - 4066, Tome 59, No. 3, p. 325 - 334, Bucharest, 2014, WOS:000341801300010	ISI	3		2.667
F. Constantinescu, A. G. Gheorghe, M. Nătescu, "A Capacitive Accelerometer Model", Revue Roumaine Des Science Technique, ISSN 0035-4066, Tome 58, No. 2, p. 163 - 172, Bucharest, 2013, WOS:000341801300010	ISI	3		2.667
N. Bizon, M. Raducu, M. Oproescu, LM. Constantinescu, "On the Search for the Extremum seeking control 2d-schemes. Part II - Performance Estimation", International Conference of Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-8, Pitesti, 2013, ISBN:978-1-4673-4937-6, WOS:000343672500003	ISI	3		2.667
N. Bizon, M. Raducu, M. Oproescu, LM. Constantinescu, "On the Search for the Extremum seeking control 2d-schemes. Part I - signal processing using orthogonal dither signals", International Conference of Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-8, Pitesti, 2013, ISBN:978-1-4673-4937-6, WOS:000343672500002	ISI	3		2.667
A. Rădoi, V. Lăzărescu, A. Florescu, „Wavelet Analysis To Detect The Knock On Internal Combustion Engines”, Revue Romaine Des Sciences Techniques, ISSN 0035 – 4066, Tome 54, Issue 3, p. 301– 310, Bucharest, 2009, WOS:000269812800008 (ISI Web of Science Core Collection)				
Sun, Li & Sun, Nan & Liu, Yongchen & Jiang, Chengming. (2021). A High-Sensitivity Knock Sensor Based on ZnO Nanowires Array as Piezoelectric Nanogenerator. Chemistry Letters, Vol 50, Issue 6, 2021, DOI 10.1246/cl.210115. WOS:000663341100002	ISI	3		2.667
A. Bilal, M. F. Zia, M. H. Asif, M. S. Yousaf. "Fast Fourier Transform Based Cost Effective Implementation of the Arc Fault Current Interrupter", Revue Roumaine Des Science Technique, ISSN 0035-4066, Vol. 63, Issue 4, pp. 365 - 370, Bucharest, 2018, WOS:000459843500003	ISI	3		2.667
F. Constantinescu, A. G. Gheorghe, M. Nătescu, "A Capacitive Accelerometer Model", Revue Roumaine Des Science Technique, ISSN 0035-4066, Tome 58, No. 2, p. 163 - 172, Bucharest, 2013, WOS:000341801300010	ISI	3		2.667
I. D. Nicolae, P. M. Nicolae, "Using Wavelet Transform for Power Systems", Revue Romaine Des Sciences Techniques, ISSN 0035 – 4066, Tome 57, Issue 2, p. 172– 182, Bucharest, 2012, WOS:000305202600007	ISI	3		2.667
K. Kamal, M. Farid, S. Mathavan, "Detection of Knocking in Spark Ignition (Si) Engines using CMAC Neural Networks", 2012 International Conference on Robotics and Artificial Intelligence (ICRAI), pp 144 - 147, 2012, ISBN:978-1-4673-4884-3, WOS:000316328000026	ISI	3		2.667
C. Oros, C. Radoi, A. Florescu, "Comparison among Computational Intelligence Methods for Engine Knock Detection. Part I", Revue Roumaine des Sciences Technique, Tome 56, No. 4, pp. 418 - 427, Bucharest, 2011, ISSN 0035-4066, WOS:000297602500008	ISI	3		2.667
A. Florescu, C. Radoi, D. Stanciu, S. G. Rosu, O. Stocklosa and M. Teodorescu, "Design optimization methods of an intelligent controller from a speed control system," 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, 2010, pp. 1-6, WOS:000419281500059	ISI	3		2.667
S. Segăreanu, T. Zaharia, A. Rădoi, „Speaker Verification Using GMM Modelling”, Scientific Bulletin of UPB, Series C - Electrical Engineering , Vol. 76, No. 2, pp. 117 – 130, ISSN 2286 – 3540, 2014. (BDI - Scopus)				
O. -M. Novac, S. -A. Toma and E. Bureaca, "Speaker Verification Experiments using Identity Vectors, on a Romanian Speakers Corpus," 2021 International Conference on Speech Technology and Human-Computer Dialogue (SpeD), 2021, pp. 162-166, doi: 10.1109/SpeD53181.2021.9587396. WOS:000786794700029	ISI	3		2.667
A. Georgescu and H. Cucu, "GMM-UBM Modeling for Speaker Recognition on a Romanian Large Speech Corpora," 2018 International Conference on Communications (COMM), Bucharest, 2018, pp. 547-551, doi: 10.1109/ICComm.2018.8453633, WOS:000449526000104	ISI	3		2.667
A. Savu, A. Rădoi, A. Florescu, Transformer Analysis for Wireless Power DC-DC Converters”, International Review of Electrical Engineering (IREE), Praise Worthy Prize Ed., ISSN 1827-6679, Vol. 9, No. 1, pp. 26 – 35, 2014. (BDI - Scopus)				
L. A. Perişoară, D. L. Săcăleanu and A. Vasile, "Instrument clusters for monitoring electric vehicles," 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME), Constanta, 2017, pp. 379-382, DOI: 10.1109/SIITME.2017.8259931, WOS:000428032300082	ISI	3		2.667
A. Savu, A. Lita, I. D. Jitaru, "A High Efficiency Wireless DC-DC Converter", IEEE Applied Power Electronics Conference and Exposition, pp. 2017 - 2016, ISSN 1048 - 2334, 2015, DOI 10.1109/APEC.2015.7104625, WOS:000370076902025	ISI	3		2.667
M. Teodorescu, D. Stanciu, "Active Power Filter using Sliding Mode Control and p-q Theory based Reference Values”, International Conference of Electronics, Computers and Artificial Intelligence (ECAD), Pitesti, 2014, ISBN:978-1-4799-5478-0, DOI 10.1109/ECAL.2014.7090156, WOS:000380489500060	ISI	3		2.667

A3.1.2 Citări [7] în cărți, reviste și volume ale unor manifestări științifice - BDI [4]	Baza de date	Nr. Autori articol citat	[4]
M. -A. Chirtu and A. Radoi, "Seismic Signal Denoising using U-Net in the Time-Frequency Domain," 2022 45th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 2022, pp. 6-10, doi: 10.1109/TSP55681.2022.9851325.			
Zhu, Zhaolin, et al. "U-Net with Asymmetric Convolution Blocks for Road Traffic Noise Attenuation in Seismic Data." <i>Applied Sciences</i> 13.8 (2023): 4751.			
A. Radoi, A. Birhala, N. -C. Ristea and L. -C. Dutu, "An End-To-End Emotion Recognition Framework Based on Temporal Aggregation of Multimodal Information," in <i>IEEE Access</i> , vol. 9, pp. 135559-135570, 2021, doi: 10.1109/ACCESS.2021.3116530, WOS:000704822700001			
Alamgir, F.M., Alam, M.S. Hybrid multi-modal emotion recognition framework based on InceptionV3DenseNet. <i>Multimed Tools Appl</i> (2023). https://doi.org/10.1007/s11042-023-15066-w	Springerlink	4	1.000
Y. L. Bouali, O. B. Ahmed and S. Mazouzi, "Cross-Modal Learning for Audio-Visual Emotion Recognition in Acted Speech," 2022 6th International Conference on Advanced Technologies for Signal and Image Processing (ATSIP), Sfax, Tunisia, 2022, pp. 1-6, doi: 10.1109/ATSIP55956.2022.9805959.	IEEE Explore	4	1.000
Ali Salman and Carlos Busso. 2022. Privacy Preserving Personalization for Video Facial Expression Recognition Using Federated Learning. In <i>Proceedings of the 2022 International Conference on Multimodal Interaction (ICMI '22)</i> . Association for Computing Machinery, New York, NY, USA, 495–503. https://doi.org/10.1145/3536221.3556614	ACM	4	1.000
N. -C. Ristea and A. Radoi, "Complex Neural Networks for Estimating Epicentral Distance, Depth, and Magnitude of Seismic Waves," in <i>IEEE Geoscience and Remote Sensing Letters</i> , doi: 10.1109/LGRS.2021.3059422, WOS:000732142700001			
Mousavi, S. Mostafa, and Gregory C. Beroza. "Machine Learning in Earthquake Seismology." <i>Annual Review of Earth and Planetary Sciences</i> 51 (2023).			
C. Andronache, M. Negru, A. Neacsu, G. Cioroiu, A. Radoi and C. Burileanu, "Towards extending real-time EMG-based gesture recognition system," 2020 43rd International Conference on Telecommunications and Signal Processing (TSP), Milan, Italy, 2020, pp. 301-304, doi: 10.1109/TSP49548.2020.9163481			
C. Andronache, M. Negru, I. Bădițoiu, G. Cioroiu, A. Neacsu and C. Burileanu, "Automatic Gesture Recognition Framework Based on Forearm EMG Activity," 2022 45th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 2022, pp. 284-288, doi: 10.1109/TSP55681.2022.9851314.	IEEE Explore	6	0.667
Belhaj Mohamed, Mbarka, et al. "Wireless body sensor networks with enhanced reliability by data aggregation based on machine learning algorithms." <i>Advanced Sensors for Biomedical Applications</i> . Springer, Cham, 2021. 67-81.	Springerlink	6	0.667
A. Birhala, C. N. Ristea, A. Radoi and L. C. Dutu, "Temporal aggregation of audio-visual modalities for emotion recognition," 2020 43rd International Conference on Telecommunications and Signal Processing (TSP), Milan, Italy, 2020, pp. 305-308, ISBN 978-1-7281-6377-2, doi: 10.1109/TSP49548.2020.9163474, WOS:000577106400065			
Lovejit Singh, Sarbjeet Singh, Naveen Aggarwal, Ranjit Singh, Gagan Singla "An Efficient Temporal Feature Aggregation of Audio-Video Signals for Human Emotion Recognition", 2021 6th International Conference on Signal Processing, Computing and Control (ISPC), (2021-01-01), DOI: 10.1109/ispc53510.2021.9609528	IEEE Explore	3	1.333
A. Neacsu, G. Cioroiu, A. Radoi, C. Burileanu, Automatic EMG-based Hand Gesture Recognition System using Time-Domain Descriptors and Fully-Connected Neural Networks, 42nd International Conference on Telecommunications and Signal Processing (TSP), 2019, pp. 232-235, ISBN:978-1-7281-1864-2, WOS:000493442800051			
C. Andronache, M. Negru, I. Bădițoiu, G. Cioroiu, A. Neacsu and C. Burileanu, "Automatic Gesture Recognition Framework Based on Forearm EMG Activity," 2022 45th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 2022, pp. 284-288, doi: 10.1109/TSP55681.2022.9851314.	IEEE Explore	4	1.000
Xin Wang, Zhenhua Zhu "Wearable Sensor-based Hand Gesture Recognition of Construction Workers", <i>Proceedings of the 38th International Symposium on Automation and Robotics in Construction (ISARC)</i> , (2021-01-01), DOI: 10.22260/isarc2021/0068	Scopus	4	1.000
A. Radoi and M. Dăcu, "Multilabel Annotation of Multispectral Remote Sensing Images using Error-Correcting Output Codes and Most Ambiguous Examples," in <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , vol. 12, no. 7, pp. 2121-2134, July 2019. doi: 10.1109/JSTARS.2019.2916838; WOS:000480354800012			

H. Yu et al., "Text-Image Matching for Cross-Modal Remote Sensing Image Retrieval via Graph Neural Network," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 16, pp. 812-824, 2023, doi: 10.1109/JSTARS.2022.3231851.	IEEE Explore	2		2.000
A. Singh, N. Sengar, M. K. Dutta and R. Burgett, "A Shallow Convolution Neural Network for Predicting Lung Cancer Through Analysis of Histopathological Tissue Images," 2022 45th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 2022, pp. 126-131, doi: 10.1109/TSP55681.2022.9851353.	IEEE Explore	2		2.000
N. Ristea, L. C. Duțu and A. Radoi, "Emotion Recognition System from Speech and Visual Information based on Convolutional Neural Networks," 2019 International Conference on Speech Technology and Human-Computer Dialogue (SpeD), Timisoara, Romania, 2019, pp. 1-6, doi: 10.1109/SPED.2019.8906538, WOS:000571718700005				
B. Li, "Design and implementation of billboard recognition system based on deep learning neural network," 2022 World Automation Congress (WAC), San Antonio, TX, USA, 2022, pp. 262-266, doi: 10.23919/WAC55640.2022.9934490.	IEEE Explore	3		1.333
Lovejit Singh, Sarbjeet Singh, Naveen Aggarwal, Ranjit Singh, Gagan Singla "An Efficient Temporal Feature Aggregation of Audio-Video Signals for Human Emotion Recognition", 2021 6th International Conference on Signal Processing, Computing and Control (ISPC), (2021-01-01), DOI: 10.1109/ispc53510.2021.9609528	IEEE Explore	3		1.333
Mai El Seknedy, Sahar Fawzi "Speech Emotion Recognition System for Human Interaction Applications", 2021 Tenth International Conference on Intelligent Computing and Information Systems (ICICIS), (2021-01-01), DOI: 10.1109/icicis52592.2021.9694246	IEEE Explore	3		1.333
Bănică, M.V., Rădoi, A., Părvu, P.V. Onboard visual tracking for UAV's. Scientific Journal of Silesian University of Technology. Series Transport. 2019, 105, 35-48. ISSN: 0209-3324. DOI: https://doi.org/10.20858/sjsutst.2019.105.4, WOS:000513766500004				
Liu, Xuebin, et al. "Location and tracking of environmental pollution sources under multi-UAV vision based on target motion model." Soft Computing (2023): 1-15.	Springerlink	3		1.333
A. Rădoi, M. Datcu, "Bag-of-Visual Words and Error-Correcting Output Codes for Multilabel Classification of Remote Sensing Images", International Geoscience and Remote Sensing Symposium IGARSS 2018, Valencia, Spain, 2018, pp. 6955-6958. doi: 10.1109/IGARSS.2018.8519432, EISBN: 978-1-5386-7150-4, WOS:000451039806176				
Zhang Y, Guo H, Yin W, Zhao Z, Lu C. Earthquake-induced building damage recognition from unmanned aerial vehicle remote sensing using scale-invariant feature transform characteristics and support vector machine classification. Earthquake Spectra. 2023;0(0). IF 4.330	Scopus	2		2.000
G. Nicolae, A. Gaiță, A. Rădoi and C. Burileanu, "A Method for Chainsaw Sound Detection Based on Haar-like Features," 2018 41st International Conference on Telecommunications and Signal Processing (TSP), Athens, Greece, 2018, pp. 1-5, doi: 10.1109/TSP.2018.8441379, EISBN: 978-1-5386-4695-3, WOS:000454845100160				
B. Anđelić, M. Radonjić and S. Djukanović, "Sound-based logging detection using deep learning," 2022 30th Telecommunications Forum (TELFOR), Belgrade, Serbia, 2022, pp. 1-4, doi: 10.1109/TELFOR56187.2022.9983766.	IEEE Explore	4		1.000
Olteanu, E., Miu, D. O., Drosu, A., Segarceanu, S., Suciu, G., & Gavati, I. (2019, October). Fusion of speech techniques for automatic environmental sound recognition. In 2019 International conference on speech technology and human-computer dialogue (SpeD) (pp. 1-8). IEEE.	IEEE Explore	4		1.000
A. C. Grivei, A. Rădoi and M. Datcu, "Land cover change detection in Satellite Image Time Series using an active learning method," 2017 9th International Workshop on the Analysis of Multitemporal Remote Sensing Images (MultiTemp), Brugge, 2017, pp. 1-4, doi: 10.1109/Multi-Temp.2017.8035213; ISBN 978-1-5386-3327-4, WOS:000427092400017				
Birdi, Parminder Kaur, and Varsha Ajith. "Study of Changes in Land Use and Land Covers Using Temporal Landsat-8 Images." Microelectronics, Electromagnetics and Telecommunications. Springer, Singapore, 2020. 321-330. https://doi.org/10.1007/978-981-15-3828-5_34	Springerlink	3		1.333
AC. Grivei, A. Rădoi, C. Văduva, M. Datcu, "An Active-Learning approach to the query by example retrieval in remote sensing images", IEEE International Conference on Communications (COMM), pp. 377-380, DOI: 10.1109/ICComm.2016.7528339, ISBN: 978-1-4673-8197-0, 2016 (WOS:000383221900078)				
Sharma, M. (2018). A Case Study: Active Learning Approaches to Improve Learning in Electrical Network. Journal Of Engineering Education Transformations, 31(3), 53-57. doi:10.16920/jeet/2018/v31i3/120757	Scopus	4		1.000
A. Rădoi, M. Datcu, „Automatic Change Analysis in Satellite Images Using Binary Descriptors and Lloyd-Max Quantization," IEEE Geoscience and Remote Sensing Letters , vol. 12, no. 6, pp.1223-1227, June 2015, ISSN: 1545-598X, eISSN: 1558-0571, DOI: 10.1109/LGRS.2015.2389144, WOS:000352571800013.				
Kanath, P. Chandra, Neha Gupta, and Samit Ari. "Change Detection in Multispectral Satellite Images using Histogram based Thresholding Technique." 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT). IEEE, 2019.	IEEE Explore	2		2.000

	Ari, Samit. "An overview of the research work on multispectral imaging, hand gesture recognition, EEG and ECG signal processing." CSI Transactions on ICT (2019): 1-5.	Springerlink	2		2.000
	A. Rădoi, M. Datcu, "Spatio-Temporal Characterization in Satellite Image Time Series," IEEE 8th International Workshop on the Analysis of Multitemporal Remote Sensing Images (Multi-Temp), pp.1-4, doi: 10.1109/Multi-Temp.2015.7245805, ISBN: 978-1-4673-7119-3, Annecy, France, 2015, WOS:000380400100060				
	Melgar-García, Laura, et al. "Discovering Spatio-Temporal Patterns in Precision Agriculture Based on Triclustering." International Workshop on Soft Computing Models in Industrial and Environmental Applications. Springer, Cham, 2020.	Springerlink	2		2.000
	A. Savu, A. Rădoi, A. Florescu, "Transformer Analysis for Wireless Power DC-DC Converters", International Review of Electrical Engineering (IREE), Praise Worthy Prize Ed., ISSN 1827-6679, Vol. 9, No. 1, pp. 26 – 35, 2014. (BDI - Scopus)				
1	Frivaldsky, M., Spanik, P., Jaros, V., Kanovsky, A., Rapid Design Procedure of High Frequency Transformer for Switched Mode Power Supply - Analysis and Verification, (2017) International Review of Electrical Engineering (IREE), 12 (5), pp. 424-430. doi:https://doi.org/10.15866/iree.v12i5.13061	Scopus	3		1.333
	A. Savu, A. Florescu, A. Rădoi, M. Teodorescu, „A Novel Approach in Designing an Integrated Transformer LLC Resonant Converter”, International Review of Electrical Engineering (IREE), Praise Worthy Prize Ed., ISSN 1827 - 6660, Vol. 8, No. 2, pp. 586-594, 2013. (BDI - Scopus)				
1	I. G. N. Satriyadi, I. M. Y. Negara, D. Fahmi, N. Wijayanto, M. Wahyudi, D. A. Asfani, A. Soeprijanto, "Ferroresonance Characteristics on Capacitive Voltage Transformer Under Lightning Impulse Voltage", International Review on Modelling and Simulations, Vol. 9(4), pp. 306-311, 2016, DOI 10.15866/iremos.v9i4.9273	Scopus	4		1.000
	... includeti DOI:, editura dacă există				0.000
	A3.2 Membru în colective de redacție sau comitete științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]	Baza de date	[9]		
	Membru in colegiul editorial Scientific Bulletin of UPB, Series C - Electrical Engineering	ISI			10
	Co-chair IEEE MAD 1st ACM International Workshop on Multimedia AI against Disinformation (MAD'22) organized with the ACM International Conference on Multimedia Retrieval (ICMR'22), Newark, NJ, USA, June 27-30, 2022. https://mad2022.aimultimedialab.ro/program/ - co-chair "Session II on AI for Visual and Multimodal Analysis"				10
	IEEE TSP 2020 - organizer Special Session "Special Session on Multimodal Signal Processing and Classification"	ISI			10
	IEEE TSP 2019 - organizer & chair Special Session "Special Session on Signal Processing and Classification for Building Intelligent Recognition Systems"	ISI			10
	IEEE TSP 2018 - organizer & chair Special Session "Multivariate Data Analysis and Knowledge Discovery" / 41st International Conference on Telecommunications and Signal Processing	ISI			10
	IEEE SpeD 2019 - organizer	ISI			10
	IEEE COMM 2016 - organizer Special Session "Data mining" / IEEE International Conference on Communications	ISI			10
	Membru in comitet COMM 2022 / IEEE International Conference on Communications	ISI			0
	Membru in comitet COMM 2020 / IEEE International Conference on Communications	ISI			0
	Membru in comitet COMM 2018 / IEEE International Conference on Communications	ISI			0
	Membru in comitet COMM 2016 / IEEE International Conference on Communications	ISI			0
	A3.3 Membru în colective de redacție sau comitete științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate BDI [9]	Baza de date			
1					0.000
	A3.4 Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu				
1	Premierea rezultatelor cercetării UEFISCDI: cod depunere PN-II-RU-PRECI-SI-2015-9-10431 - articol categoria ISI-Q1: A. Rădoi, M. Datcu, „Automatic Change Analysis in Satellite Images Using Binary Descriptors and Lloyd-Max Quantization," IEEE Geoscience and Remote Sensing Letters , vol. 12, no. 6, pp.1223-1227, June 2015, ISSN: 1545-598X, eISSN: 1558-0571, WOS:000352571800013, DOI: 10.1109/LGRS.2015.2389144, WOS:000352571800013.				0.000

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Total A3				680.333