Fisa de verificare a standardelor minimale stabilite prin OM nr. 6129/2016

Conf. Dr. Ing. Mitrea Delia-Alexandrina

Domeniul **Calculatoare si Tehnologia Informatiei**

Nr. Crt	Domeniul activ.	Criteriu		Subcategorii		Indicatori (kpi)	Numar	Punctaj
1	Activitatea didactica si profesionala (A1)	Cărţi de autor sau capitole [1] de specialitate la edituri cu ISBN		A1.1.1.	Internationale	50/nr autori sau 100/nr. autori cu condiţia[2]	3	64.58
				A1.1.2	Nationale	50/nr autori	5	77.70
		Material didactic/Lucrări didactice publicate la edituri cu ISBN		A1.2.1		40/nr autori	2	26.67
						Total punctaj A(1)		**168.95**
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI, şi lucrări în volumele unor manifestări ştiinţifice indexate ISI		A2.1		(25+ 30 * factor impact [3]) / nr. de autori	48	651.35
		Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale recunoscute (BDI)[4]		A2.2		20 / nr. de autori	14	68.74
		Proprietate intelectiala, brevete de inventie, certificate ORDA		A2.3.1	Internationale [5]	35 / nr. de autori	0	0.00
				A2.3.2	nationale	25 / nr. de autori	0	0.00
		Granturi/proiecte de cercetare câştigate pin competiţie [6] sau Contracte cu agenţi economici, în valoare de minimum 10.000 dolari USA echivalent încasaţi [6]	Director / responsabil	A2.4.1.1	Internationale	20 * ani de desfasurare	0	0
				A2.4.1.2	nationale	10 * ani de desfasurare	3	80.00
			Membru in echipa	A2.4.2.1	Internationale	4 * ani de desfasurare	2	16.00
				A2.4.2.2	nationale	2 * ani de desfasurare	24	137.00
						Total punctaj A(2)		**953.09**
		Citari [7] in carti, reviste si volume ale unor		A3.1.1	carti, ISI [8]	8 / nr aut art. citat	180	419.63
		manifestari stiintifice		A3.1.2	BDI [4]	4 / nr aut art. citat	41	37.06
		Membru in colectivele de redactie sau comitete stiintifice	Punctaj unic pentru					
	Recunoasterea si	ale revistelor, organizator de manifestari stiintifice, ISI [9]	fiecare activitate	A3.2		10	13	130.00
	impactul activitatii	Membru in colectivele de redactie sau comitete stiintifice						
3	(A3)	ale revistelor, organizator de manifestari stiintifice,	Punctaj unic pentru					
		internationale indexate BDI [4]	fiecare activitate	A3.3		6	6	0.00
		Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaţionale de prestigiu.		A3.4		15	0	0.00
						Total punctaj A(3)		**586.69**

Conditii minimale						
Nr.	**Domeniu de activitate (A)**	**Conferentiar**	**CSII**	**Profesor**	**CSI**	**Realizat**
A1	**Activitatea didactica / profesionala (A1)**	50	Fără restricţi	100	Fără restricţi	**168.95**
A2	**Activitatea de cercetare (A2)**	300	350	600	700	**953.09**
A3	**Recunoasterea impactului activitatii (A3)**	50	50	150	150	**586.69**
Total (A)		**400**	**400**	**850**	**850**	**1708.73**
Conditii minimale obligatorii pe subcategorii		**Conferentiar**	**CSII**	**Profesor**	**CSI**	**Realizat**
A1.1.1.-A1.1.2	**Carti si capitole in carti de specialitate**	1	1	1	1	**8**
A2.1.	**Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings**	6 din care minimum 1 în reviste cotate ISI Q1 sau Q2[10]	6 din care minimum 1 în reviste cotate ISI Q1 sau Q2[10]	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[10]	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[10]	**48**
A2.4.1	**Granturi/proiecte castigate prin competitie (Director/ responsabil) sau contracte cu agentii economici in valoare de minim 10.000 de USD sau echivalent incasati**	1	2	2	4	**3**
A3.1.1	**Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI [11]**	10	10	25	25	**160**
	Factor de impact ISI cumulat pentru publicaţii [12]	4	4	20	20	**69.49**
	Nr Minim Reviste ISI in zona Q1/Q2	1	1	3	3	**6**

Titular

Conf. Dr. Ing. Delia-Alexandrina Mitrea

Data: 20.07.2026

Anexa: datele pentru calculul indeplinirii criteriilor

A1.1.1.-A1.1.2. Carti, monografii, capitole ca autor, internationale si nationale

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Punctaj
1	**Delia Mitrea**, Sergiu Nedevschi, Mihai Socaciu, Radu Badea	"Deep Learning Techniques for Liver Tumor Recognition in Ultrasound Images", cap. In "Deep Learning - Recent Findings and Researches", IntrchOpen Series, Artificial Intelligence, Volume 26, ISBN 978-1-83768-322-2, pp. 237-260	IntechOpen	2023	6.25
2	Sergiu Nedevschi**, Delia Alexandrina Mitrea**	Deep Learning for Pathology Detection and Diagnosis in Medical Imaging, ISBN 978-3-7258-2041-2	MDPI-Multidisciplinary Digital Publishing Institute	2024	50
3	**Delia Mitrea**	"Introduction in Computational Intelligence", cap. in C. D. Sabau-Popa, "Computational Intelligence in Financial Management, Editura Universitara, Bucuresti, 2020, 36 pagini, limba engleza, ISBN 978-606-28-1148-8	Editura Universitara, Bucuresti	2020	12.5
4	**Delia Mitrea**	Metode bazate pe textură pentru analiza şi recunoaşterea structurilor anatomice din imagini ultrasonografice, ISBN 978-973-713-351-9	Editura Mediamira	2017	50
5	**D. Mitrea,** S. Nedevschi, R. Badea	"Advanced texture analysis techniques for building textural models, with applications in the study of the pathology evolution stages, based on ultrasound images", capitol de carte in "European Project Space on Intelligent Technologies, Software engineering, Computer Vision, Graphics, Optics and Photonics", 24 pagini, limba engleza, ISBN 978-989-758-206-6	SCITEPRESS Digital Lbrary	2016	8.33
6	Monica Lupşor, Radu Badea,**Delia Mitrea**, Cristian Vicaş, Sergiu Nedevschi	Evaluarea şi caracterizarea steatozei, fibrozei şi restructurării parenchimului hepatic cu ajutorul ultrasonografiei şi a metodelor computerizate de analiză a imaginii", Capitol în M. Grigorescu, M. Beuran, "Actualităţi în patologia ficatului", Editura Medicală Universitară „Iuliu Haţieganu" Cluj-Napoca, 2008, pp. 288-302; 15 pagini (capitolul de carte), limba română, ISBN 978-973-693-277-9	Editura Medicală Universitară „Iuliu Haţieganu" Cluj-Napoca	2008	2.5
7	Mitrea Alexandru, Nedevschi Sergiu, Ivan Mircea,**Mitrea Delia**, Gurzau Mircia, Lung Nicolaie, Cimpean Dalia	Modele deformabile 2D. Aplicatii, Editura UTPress Cluj-Napoca, 2009, 106 pagini, limba romana, ISBN: 978-973-662-451-3	Editura UTPress Cluj-Napoca	2009	7.14
8	Mitrea Alexandru, Nedevschi Sergiu,**Mitrea Delia**, Inoan Daniela, Lung Nicolaie, Ivan Dumitru Mircea, Gurzau Octavian Mircia, Mitrea Paulina, Cimpean Dalia	Modele deformabile 3D. Aplicaţii, Editura UTPress, Cluj-Napoca, 2010, 94 pagini, limba română, ISBN: 978-973-662-598-5	Editura UTPress Cluj-Napoca	2010	5.56
				Total	**142.28**

A1.2.1. Materiale didactice

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Punctaj
1	**D. Mitrea**, C. Cenan, P. Mitrea	Relational Databases, SQL and Specific Data Structures, in Practice. Database Laboratory Guide, 2nd year	Editura Medimira	2017	13.33
2	**D. Mitrea**, C. Cenan, P. Mitrea	Database Laboratory Guide (Baze de Date – îndrumător de laborator), ISBN: 978-973-662-750-7	Editura UTPress Cluj-Napoca	2012	13.33
				Total	**26.67**

A2.1. Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings

Nr.	Autori	Titlu articol	Factor Impact	Nr. Aut	Punctaj
1	Mitrea Delia Alexandrina, Mitrea Paulina, Barna Erik	Employing Clustering Techniques and Association Rules for Client Segmentation and Attribute Dependency Mining in the Domain of Car Insurance, World Conference of AI-Powered Innovation and Inventive Desing, PT II, TFC 2024, Springer, ISBN 978-3-031-75925-3, pp. 232-246	0.25	3	10.83
2	Mitrea Delia Alexandrina, Brehar Raluca Didona, Itu Razvan, Nedevschi Sergiu, Socaciu M	Pancreatic Tumor Recognition from CT Images through Advanced Deep Learning Techniques, 2024 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2024), IEEE, ISBN 979-8-3503-6194-0, 6 pagini in limba engleza	0.25	6	5.42
3	D. Mitrea, R. Brehar, S. Nedevschi, M. Lupsor-Platon, M. Socaciu, R. Badea	Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques, Sensors, Vol. 23, No. 5, Februarie 2023, ISSN: 1424-8220 (Q2)	3.847	6	23.40
4	Mitrea Delia Alexandrina, Brehar Raluca Didona, Mocan C., Nedevschi Sergiu, Socaciu M., Badea R.	Hepatocellular carcinoma recognition from ultrasound images by fusing convolutional neural networks at decision level, 2023 46th International Conference on Telecommunications and Signal Processing, TSP 2023	0.25	6	5.42
5	D. Mitrea, R. Badea, P. Mitrea, S. Brad, S. Nedevschi	Hepatocellular Carcinoma Automatic Diagnosis within CEUS and B-Mode Ultrasound Images Using Advanced Machine Learning Methods, Sensors, Vol. 21, No. 6, Martie 2021, ISSN: 1424-8220 (Q2)	3.847	5	28.08

6	C. Radu, P. Fisher, D. Mitrea, I. Birlescu, T. Marita, F. Vancea, V. Florian, C. Tefas, R. Badea, H. Ştefănescu, S. Nedevschi , D. Pisla, N. Al Hajjar	Integration of Real-Time Image Fusion in the Robotic-Assisted Treatment of Hepatocellular Carcinoma, Biology-Basel, Vol. 9, No.11, pp. 1-13, Nov. 2020, ISSN: 2079-7737 (Q1)	3.796	13	10.68
7	R. Brehar, D. Mitrea, F. Vancea, T. Marita, S. Nedevschi, M. Lupsor Platon, M. Rotaru, R. Badea	Comparison of Deep-Learning and Conventional Machine-Learning Methods for the Automatic Recognition of the Hepatocellular Carcinoma Areas from Ultrasound Images, Sensors, Vol. 20, No. 11, pp. 50245-50259, June 2020, ISSN:1424-8220 (Q2)	3.4	8	15.88
8	S. Nicoara, S. Szamoskozi, D. Mitrea, D. Leucuta	Concept Mapping, an Effective Tool for Long-Term Memorization of Anatomy-A Quasi-Experimental Research Carried out among 1st Year General Medicine Students, EUROPEAN JOURNAL OF INVESTIGATION IN HEALTH PSYCHOLOGY AND EDUCATION, Vol. 10, No. 1, pp. 530-543 , ISSN: 2254-9625	3	4	28.75
9	Bacea D., Mitrea D., Nedevschi S., Badea R.	Adversarial Graph Learning and Deep Learning Techniques for improving diagnosis within CT and Ultrasound images, 16th IEEE International Conference on Intelligent Computer Communication and Processing, ICCP 2020, Cluj-Napoca, Romania, September 3-5, 2020. IEEE 2020, ISBN 978-1-7281-9080-8, pp. 449-456	0.25	4	8.13
10	D. Mitrea, T. Marita, F. Vancea, S. Nedevschi, P. Mitrea, G. M. Neamt, S. Timoftei, V. Florian, C. Radu, M. Socaciu, H. Stefanescu, N.Al Hajjar	Towards building a computerized system for modelling advanced hcc tumors, in order to assist their minimum invasive surgical treatment, European Conference on Mechanism Science (EuCoMeS 2020). New Trends in Mechanism and Machine Science, Springer, pp 219-227	0.25	12	2.71
11	F. Vancea, D. Mitrea, S. Nedevschi, M. Rotaru, H. Stefanescu, R. Badea	Hepatocellular Carcinoma Segmentation within Ultrasound Images using Convolutional Neural Networks Proceedings, of IEEE 15th International Conference on Intelligent Computer Communication and Processing (ICCP) Location: Cluj Napoca, ROMANIA Date: SEP 05-07, 2019, pp. 491-497 , ISBN 78-1-7281-4914-1	0.25	6	5.42
12	R. Brehar, D. Mitrea, S. Nedevschi, M. Platon-Lupsor, M. Rotaru, R. Badea	Hepatocellular Carcinoma Recognition in Ultrasound Images Using Textural Descriptors and Classical Machine Learning, Proceedings of IEEE 15th International Conference on Intelligent Computer Communication and Processing (ICCP) Location: Cluj Napoca, ROMANIA Date: SEP 05-07, 2019, pp. 491-497 , ISBN 78-1-7281-4914-1	0.25	6	5.42
13	D. Mitrea, L. Tamas	Manufacturing Execution System Specific Data Analysis-Use Case With a Cobot, IEEE Access, Vol. 6, pp. 50245-50259, 2018, ISSN: 2169-3536 (Q2)	4.098	2	73.97
14	D. Mitrea, L. Tamas	MES Specific Data Analysis. Case Study with the Baxter Robot, Proceedings of 2018 20TH INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING (SYNASC 2018), pp. 296-301, ISBN 978-1-7281-0625-0	0.25	2	16.25
15	D. Mitrea, R. Brehar, P. Mitrea, S. Nedevschi, M. Platon(Lupşor), R. Badea	The Role of Convolutional Neural Networks in the Automatic Recognition of the Hepatocellular Carcinoma, Based on Ultrasound Images, Proceedings of 6TH INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY, MEDITECH 2018, IFBME Proceedings, Springer, Vol. 71, pp. 169-175, ISBN 978-981-13-6207-1	0.25	6	5.42
16	D. Mitrea, S. Nedevschi, R. Badea	Automatic Recognition of the Hepatocellular Carcinoma from Ultrasound Images using Complex Textural Microstructure Co-Occurrence Matrices (CTMCM), Proceedings of the 7th International Conference on Pattern Recognition Applications and Methods - Volume 1: ICPRAM, pp. 178-189, 2018, Funchal, Madeira, Portugal, ISBN: 978-989-758-276-9	0.25	3	10.83
17	D. Mitrea, S. Nedevschi, P. Mitrea, M. Platon(Lupsor), R. Badea	The role of the cooccurrence matrix based on complex extended microstructures in discovering the cirrhosis severity grades within US images, 10th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2017, pp.1-6, Shanghai, China, October 14-16, 2017. IEEE 2017, ISBN 978-1-5386-1937-7	0.25	4	8.13
18	D. Petcu, D. Mitrea, C. Bondor, E. Perciun	The potential of ultrasonography in the evaluation of foot orthotics therapy, Medical Ultrasonography Journal, Vol.19, No. 4, pp. 416-422, 2017, ISSN: 2066-8643	1.8	4	19.75
19	Delia Mitrea, Sergiu Nedevschi, Mihail Abrudean, Monica Platon-Lupsor, Radu Badea	The Role of the Textural Microstructure Co-occurrence Matrices in the Automatic Detection of the Cirrhosis Severity Grades from Ultrasound Images, Control Engineering and Applied Informatics (CEAI) Journal, Vol. 18, No. 4, pp. 96-106, decembrie 2016 http://ceai.srait.ro/index.php?journal=ceai&page=article&op=view&path%5B%5D=3561	0.775	**5**	9.65
20	D. Mitrea, S. Nedevschi, M. Abrudean, R. Badea	Colorectal cancer recognition from ultrasound images, using complex textural microstructure co-occurrence matrices, based on Laws' features, Proccedings of the 38th International Conference on Telecommunications and Signal Processing, 2015, Praga, pp. 458-462	0.25	**4**	8.13
21	R. Chifor, M.E.Badea, D.A. Mitrea, I.C. Badea, M. Crisan, I. Chifor, R. Avram	Computer-assisted identification of the gingival sulcus and periodontal epithelial junction on high-frequency ultrasound images, MEDICAL ULTRASONOGRAPHY Journal, Vol. 17, Issue 3, pp. 273-279, septembrie 2015	1.553	7	10.23

22	A. Mesaros, S. Sava, D. Mitrea, C. Gasparik, C. Alb, M. Mesaros, M. Badea, D. Dudea	In vitro assessment of tooth color changes due to orthodontic treatment using knowledge discovery methods, in JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Volume: 29, Issue: 20, 2015	2.7	8	13.25
23	Mitrea D., Nedevschi S., Badea R.	The role of the Textural Microstructure Cooccurrence Matrices in the classification of the abdominal tumors, based on ultrasound images, in Proceedings - 2014 IEEE 10th International Conference on Intelligent Computer Communication and Processing, ICCP 2014, pp. 187-190, 2014.	0.25	4	8.13
24	A. Mitrea, S. Nedevschi, D. Mitrea, P. Mitrea, R. Badea	Diseased Tissue Area Detection and Delimitation, by Fusion between Finite Difference Methods and Textural Analysis, in 2014 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, 2014.	0.25	5	6.50
25	Delia Mitrea, Monica Lupsor, Sergiu Nedevschi, Radu Badea	Discovering the Cirrhosis Grades from Ultrasound Images by Using Textural Features and Clustering Methods, in 2013 36TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), pp. 633-637, 2013.	0.25	4	8.13
26	Delia Mitrea, Sergiu Nedevschi, Mihai Socaciu, Radu Badea	The Role of the Superior Order GLCM in the Characterization and Recognition of the Liver Tumors from Ultrasound Images, in RADIOENGINEERING, vol. 21, no. 1, pp. 79-85, 2012.	1.076	4	14.32
27	Delia Mitrea, Sergiu Nedevschi, Radu Badea	The role of the multiresolution textural features in improving the characterization and recognition of the liver tumors, based on ultrasound images, in 14TH INTERNATIONAL SYMPOSIUM ON SYMBOLIC AND NUMERIC ALGORITHMS FOR SCIENTIFIC COMPUTING (SYNASC, 26-29 septembrie 2012) proceedings, pp. 192-199, 2012, http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=6481029	0.25	3	10.83
28	Alexandru Mitrea, Radu Badea, Delia Mitrea, Sergiu Nedevschi, Paulina Mitrea, Dumitru Ivan, Octavian Gurzau	Iterative Methods for Obtaining Energy-Minimizing Parametric Snakes with Applications to Medical Imaging, in COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, 2012. (Q2)	1.770	7	11.16
29	Delia Mitrea, Paulina Mitrea, Sergiu Nedevschi, Radu Badea, Monica Lupsor, Mihai Socaciu, Adela Golea, Caludia Hagiu, Lidia Ciobanu	Abdominal Tumor Characterization and Recognition Using Superior-Order Cooccurrence Matrices, Based on Ultrasound Images, in COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, 2012. (Q2)	1.770	9	8.68
30	D. Mitrea, P. Mitrea, R. Badea, M. Socaciu, L. Ciobanu, A. Golea, C. Hagiu, A. Seiceanu	Texture-Based Methods and Dimensionality Reduction Techniques Involved in the Detection of the Inflammatory Bowel Diseases from Ultrasound Images, in INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY, vol. 36, pp. 220-225, 2011.	0.25	8	4.06
31	Delia Mitrea, Sergiu Nedevschi, Mihai Socaciu, Radu Badea	The Role of the Feature Extraction Methods in Improving the Textural Model of the Hepatocellular Carcinoma, Based on Ultrasound Images, in DIGITAL INFORMATION PROCESSING AND COMMUNICATIONS, PT 1, vol. 188, pp. 496-509, 2011.	0.25	4	8.13
32	Delia Mitrea, Sergiu Nedevschi, Radu Badea	The Role of The Superior Order GLCM in Improving The Automatic Diagnosis of The Hepatocellular Carcinoma Based on Ultrasound Images, in 2011 34TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), pp. 602-606, 2011.	0.25	3	10.83
33	Maria Crisan, Carlo Cattani, Radu Badea, Paulina Mitrea, Mira Florea, Diana Crisan, Delia Mitrea, Razvan Bucur, Gabriela Checiches	Modelling Cutaneous Senescence Process, in COMPUTATIONAL SCIENCE AND ITS APPLICATIONS - ICCSA 2010, PT 2, PROCEEDINGS, vol. 6017, pp. 215-224, 2010.	0.25	9	3.61
34	Paulina Mitrea, Delia Mitrea	The Role That Web 2.0 Currently Has and Could Have in the Future in Supporting the Teaching of ICT Design for All, in TECHNOLOGY ENHANCED LEARNING: QUALITY OF TEACHING AND EDUCATIONAL REFORM, vol. 73, pp. 397-404, 2010.	0.25	2	16.25
35	Mitrea, D., Nedevschi, S., Lupsor, M., Socaciu, M., Badea, R.	Advanced classification methods for improving the automatic diagnosis of the hepatocellular carcinoma, based on ultrasound images, in 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, vol. 2, pp. 265-270, 2010.	0.25	5	6.50
36	A. Mitrea, D. Mitrea	TWO-SIDED ESTIMATES OF PROJECTION OPERATORS NORM, WITH APPLICATIONS TO DEFORMABLE MODELS, in MATHEMATICAL INEQUALITIES & APPLICATIONS, vol. 12, no. 4, pp. 845-852, 2009. (Q2)	1.51	2	35.15
37	P. Mitrea, D. Mitrea, O. Buza	MLG - Multimedia On-Line Lesson Generator, 10th European Conference for the Advancement of Assistive Technology, Florence, ITALY, AUG 28, 2009, Book Series: Assistive Technology Research Series, Vol. 25, pp. 607-612, 2009	0.25	3	10.83
38	D. Mitrea, S. Nedevschi, M. Lupsor, M. Socaciu, R. Badea	Classification of the Hepatocellular Carcinoma in Ultrasound Images Based on the Imagistic Textural Model of This Tumor, in INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY, vol. 26, pp. 267-272, 2009.	0.25	5	6.50
39	A. Mitrea, D. Ivan, D. Mitrea, D. Inoan, P. Mitrea	Deformable Variational Models Used in Medical Imaging, in INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY, vol. 26, pp. 273-278, 2009.	0.25	5	6.50
40	Delia Mitrea, Sergiu Nedevschi, Monica Lupsor, Mihai Socaciu, Radu Badea	Improving the textural model of the hepatocellular carcinoma using dimensionality reduction methods, in PROCEEDINGS OF THE 2009 2ND INTERNATIONAL CONGRESS ON IMAGE AND SIGNAL PROCESSING (CISP), VOLS 1-9, pp. 1083-1087, 2009.	0.25	5	6.50

41	Delia Mitrea, Sergiu Nedevschi, Bogdan Petrut, Ioan Coman	The Imagistic Textural Model of the Prostatic Adenocarcinoma, in 2008 IEEE 4TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS (ICCP), pp. 107-114, 2008.	0.25	4	8.13
42	D. Mitrea, S. Nedevschi, M. Lupsor, R. Badea	Exploring the textural parameters obtained from ultrasound images for modeling the liver pathological stages in the evolution towards hepatocellular carcinoma, in 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL III, PROCEEDINGS, pp. 128-133, 2008.	0.25	4	8.13
43	Sergiu Nedevschi, Cristian Vicas, Delia Mitrea, Monica Lupsor, Mircea Grigorescu, Radu Badea	Usefulness Of Attenuation And Backscattering Coefficients In Investigating Complex Non-Alcoholic Steatohepatitis From Ultrasound Images, Preliminary Results, in ANALYSIS OF BIOMEDICAL SIGNALS AND IMAGES, pp. 299-303, 2008.	0.25	6	5.42
44	D. Mitrea, S. Nedevschi, M. Lupsor, H. Stefanescu, R. Badea	Comparing Various Feature Selection Methods for Building the Textural Model of Hepatocellular Carcinoma based on Ultrasound Images, in ANALYSIS OF BIOMEDICAL SIGNALS AND IMAGES, pp. 502-509, 2008.	0.25	5	6.50
45	H. Stefanescu, M. Lupsor, O. Dancea, T. Marita, T. Suteu, D. Capatana, R. Cazan, D. Mitrea, R. Badea	Evaluation of an ultrasound telescreening network for hepatocellular carcinoma, in JOURNAL OF HEPATOLOGY, vol. 48, pp. S157-S157, 2008. (Q1)	26.8	9	92.11
46	Delia Mitrea, Sergiu Nedevschi, Monica Lupsor, Radu Badea	Building the imagistic textural model of the liver pathological stages for the early detection of hepatocellular carcinoma based on ultrasound images, in WSEAS: ADVANCES ON APPLIED COMPUTER AND APPLIED COMPUTATIONAL SCIENCE, pp. 764-771, 2008.	0.25	4	8.13
47	M. Lupsor, R. Badea, S. Nedevschi, D. Mitrea, M. Florea	Ultrasonography contribution to hepatic steatosis quantification. Possibilities of improving this method through computerized analysis of ultrasonic image, in 2006 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics, Vol 2, Proceedings, pp. 478-483, 2006.	0.25	5	6.50
48	Adriana Manciu, Monica Popa, Delia Mitrea, Dorina Capatina	Parameters monitoring solutions for the quality control of water used in healthcare units, in 2006 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics, Vol 2, Proceedings, pp. 457-462, 2006.	0.25	4	8.13
		Total punctaj A2.1.	69.492		**651.35**

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. Autori	Punctaj
1	Adraiana Georgiana Tornea, Delia-Alexandrina Mitrea	Comparative Analysis of Convolutional Neural Networks for Facial Expression Recognition, 2025 18th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics (CISP-BMEI), China, October, 2025	Scopus	**2**	10.00
2	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Socaciu M., Badea R.	Hepatocellular Carcinoma Recognition from Ultrasound Images Through Convolutional Neural Networks and Their Combinations, 8th International Conference on Advancements of Medicine and Health Care through Technology (MediTech 2022), publicat in IFMBE Proceedings Series, vol. 102, pp.3-11, Springer, 2024	Scopus	5	4.00
3	Brehar Raluca Didona, Mitrea Delia Alexandrina, Nedevschi Sergiu, Moisoiu T., Elec F.I., Sc	Kidney Tumor Segmentation and Grade Identification in CT Images, Proceedings - 2023 IEEE 19th International Conference on Intelligent Computer Communication and Processing Conference, ICCP 2023	Scopus	6	3.33
4	Mitrea Delia Alexandrina, Timu V., Mocan C.-M., Nedevschi Sergiu, Florian A.-V., Socaciu I	Liver Tumor Segmentation From Computed Tomography Images Through Convolutional Neural Networks, ICSAI 2023 - 9th International Conference on Systems and Informatics	Scopus	7	2.86
5	D. Mitrea, C. Mendoiu, P. Mitrea, S. Nedevschi, M. Lupsor-Platon, M. Rotaru, R. Badea	HCC Recognition Within B-Mode and CEUS Images Using Traditional and Deep Learning Techniques, 7th International Conference on Advancements of Medicine and Health Care through Technology (MediTech2020), publicat in IFMBE Proceedings Series, vol. 88, pp.113-120, Springer, 2022	Scopus	7	2.86
6	Mitrea, D., Nedevschi, S., Mitrea, P., Lupsor, M.P., Badea, R.	HCC Recognition Within Ultrasound Images Employing Advanced Textural Features with Deep Learning Techniques, Proceedings - 2019 12th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2019	Scopus	5	4.00
7	R. Chifor, A. F. Badea, I. Chifor, D. Mitrea, M. Crisan, M. Badea	Periodontal evaluation using a non-invasive imaging method (ultrasonography); Medicine and Pharmacy Reports, Vol. 92 , No 3, S20-S32, 2019.	Scopus	6	3.33
8	D. Mitrea, S. Nedevschi, R. Badea	The Role of the Complex Extended Textural Microstructure Co-occurrence Matrix in the Unsupervised Detection of the HCC Evolution Phases, based on Ultrasound Images, International Conference on Pattern Recognition Applications and Methods (ICPRAM 2016), Proceedings, pp. 698-705	Scopus	3	6.67
9	Mitrea D., Nedevschi S., Badea R.	Classification of the liver tumors using multiresolution, superior order EOCM textural features, in ICPRAM 2014 - Proceedings of the 3rd International Conference on Pattern Recognition Applications and Methods, pp. 799-804, 2014.	Scopus	3	6.67

10	Mitrea, D., Socaciu, M., Badea, R., Golea, A.	Texture based characterization and automatic diagnosis of the abdominal tumors from ultrasound images using third order GLCM features, in Proceedings - 4th International Congress on Image and Signal Processing, CISP 2011, vol. 3, pp. 1558-1562, 2011.	Scopus	4	5.00
11	Mitrea, D., Nedevschi, S., Badea, R.	The role of the superior order GLCM and of the generalized cooccurrence matrices in the characterization and automatic diagnosis of the hepatocellular carcinoma, based on ultrasound images, in Proceedings - 2011 IEEE 7th International Conference on Intelligent Computer Communication and Processing, ICCP 2011, pp. 197-204, 2011.	Scopus	3	6.67
12	Mitrea, D., Mitrea, P., Badea, R., Socaciu, M., Ciobanu, L., Golea, A., Hagiu, C., Seicean, A.	Computerized methods for the assessment and characterization of the inflammatory bowel diseases and colon cancer from ultrasound and endoscopic images, in 10th WSEAS International Conference on EHAC'11 and ISPRA'11, 3rd WSEAS Int. Conf. on Nanotechnology, Nanotechnology'11, 6th WSEAS Int. Conf. on ICOAA'11, 2nd WSEAS Int.Conf. on IPLAFUN'11, pp. 336-343, 2011.	Scopus	8	2.50
13	Mitrea, D., Nedevschi, S., Lupsor, M., Socaciu, M., Badea, R.	Experimenting various classification techniques for improving the automatic diagnosis of the malignant liver tumors, based on ultrasound images, in Proceedings - 2010 3rd International Congress on Image and Signal Processing, CISP 2010, vol. 4, pp. 1853-1858, 2010.	Scopus	5	4.00
14	Mitrea D., Nedevschi S., Cenan C., Lupsor M., Badea R.,	"Exploring texture-based parameters, noninvasive characterization and modeling of diffuse liver diseases and liver cancer from ultrasound images", WSEAS Transactions on Computers, Vol. 6, No. 2, February 2007, pp. 283-290	Scopus	5	4.00
15	Badea R., Lupsor M., Stefanescu H., Nedevschi Sergiu, Mitrea Delia Alexandrina, Serban A., Vasile T.	Ultrasonography contribution to the detection and characterization of hepatic restructuring: is the "virtual biopsy" taken into consideration?, Journal of gastrointestinal and liver diseases : JGLD, Vol. 15, No. 2, 2006, pp.189-194	Scopus	7	2.86
					68.74

A2.4.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	Contract CNCSIS, tip TD, cod CNCSIS 268, Recunoaştere de Forme, Reconstrucţie 3D şi Urmărirea Transformărilor Spaţio-Temporale ale Texturilor cu Aplicaţii în Domeniul Interacţiunii Om-Maşină şi al Roboţilor Autonomi - director de proiect	2005-2007	3	30
2	National	„Abordare inovativa de mare precizie privind tratamentul intraoperator asistat robotic al tumorilor hepatice pe baza diagnosticului integrat imagistic molecular (IMPROVE)", Proiect complex cod PN-III-P1-1.2-PCCDI2017-0221 Nr. 59 / 1 martie 2018, proiect P3: „Dezvoltarea unui sistem de analiză şi recunoaştere în imagini medicale în scopul automatizării procesului de diagnoză a tumorilor hepatice", 1 martie 2018 – 31 decembrie 2020 - responsabil P3	2018-2021	3	30
3	National	"Diagnoza automata si asistata de calculator a tumorilor abdominale, prin metode avansate de analiza si recunoastere, pe baza imaginilor medicale (ACADTUM)", Proiect Tinere Echipe, Nr. TE 156/2022, cod PN-III-P1-1.1-TE-2021-1293 - director de proiect	2022-2024	2	20
		Total punctaj A2.4.1			**80**

A2.4.2. Granturi/proiecte castigate prin competitie: membru in echipa

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	International	SemNat: Semantic Models and Technologies for Natural Computing, CAPABILITIES, proj 582/2012, Greece-Romania bilateral collaboration	2012-2014	2	8
2	International	Contract FP7/ Subcontract nr. 11883/26.05.2009 la Contract nr. 033838: Design for All for eInclusion, Institutie coordonatoare: IFAC-CNR Firenze (Italy)	2009-2011	2	8
3	National	Hub Roman de Inteligenta Artificiala (HRIA), Programul Creştere Inteligentă, Digitalizare şi Instrumente Financiare	2025-20230	5	20
4	National	Luminator pentru cladiri cu racire integrata prin PCM si sistem BIPVT (SKYCOOL), PN-IV-P7-7.1-PED-2024-2264	2025-2026	2	8

5	National	„Modele computaționale bazate pe big data și analiza predictivă a datelor pentru optimizarea și automatizarea distribuției de produse de asigurare prin platforma 24Broker.ro",Proiect POC (Program Operational Competitivitate), ID/Cod MySMIS: 121104. Nr. contract de finanțare: 378/390054/01.10.2021	2021-2023	2	8
6	National	Abordare inovativa de mare precizie privind tratamentul intraoperator asistat robotic al tumorilor hepatice pe baza diagnosticului integrat imagistic molecular (IMPROVE)", Proiect complex cod PN-III-P1-1.2-PCCDI2017-0221 Nr. 59 / 1 martie 2018, proiect P4: „Elaborarea unor tehnici inovative pentru diagnosticul și conduita terapeutică a tumorilor hepatice nerezecabile"	2018-2021	3	6
7	National	"Tehnici de perceptie activa pentru manipularea flexibila a obiectelor în fabricația inteligenta " (TEAMFIT), PNIII-CE-CO-BG 2016 (Bridge Grant, 2016-2018)	2016-2018	2	4
8	National	„Parteneriat interuniversitar pentru excelenta in inginerie - PARTING" prin contract de finanțare nr. POSDRU/159/1.5/S/137516, proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial Dezvoltarea Resurselor Umane; sub-proiect: "Dezvoltarea de metode avansate de analiza a texturii pentru construirea unor modele imagistice cu aplicatii in studiul stadiilor de evolutie a patologiilor in imagistica medicala, precum si in recunoasterea, urmarirea si intelegerea unor scenarii din lumea reala" responsabil sub-proiect (bursa postdoctorala) - 18 luni	2014-2015	1.5	3
9	National	Proiect-PNII-PCCA -"Dezvoltarea unei metode de detecție și izolare în timp real a celulelor tumorale circulante din fluxul sanguin al bolnavilor de cancer prin metode de procesare de imagine și pattern recognition"	2014-2017	3	6
10	National	Contract PNII – Parteneriate, „Infrastructura de suport pentru diagnostic imagistic inteligent –INDISIO", Cod PN-II-PT-PCCA-2013-4-1930, coordonator: UMF Craiova, valoare totală 1.433.280 RON – membru echipă cercetare	2016-2017	1	2
11	National	Proiect CNCSIS IDEI, 833/2009 Implementarea produsului SONO VUE în diagnosticul ecografic al bolilor inflamatorii intestinale și optimizarea imaginilor prin analiză computerizată (SONODIG)	2009-2011	2	4
12	National	Contract PN2 – Parteneriate, Nr. 19862/14.09.07 Modelare prin metode și tehnici avansate, bazate pe teoria suprafețelor deformabile, aplicate în chirurgia asistată de calculator și în alte proceduri de modelare a structurilor anatomice – MODEF	2007-2009	2	4
13	National	Parteneriate, Nr. 20D1/18.09.07 GLOBALCOMP- Modele, semantici, logici și tehnologii pentru calculul global	2007-2009	2	4
14	National	Contract CEEX PNCDI VIASAN 3/2005 Teleasistență Ultrasonografică în Screeningul și Monitorizarea Hepatocarcinomului – TELEHEPASCAN	2006-2008	2	4
15	National	Contract CEEX 18CEEX-I03/2005, Sistem Inteligent de Asistare a Deciziei Terapeutice la Pacienții cu Cancer de Prostată – INTELPRO	2006-2008	2	4
16	National	Contract CEEX VIASAN 94/2006, Ficatul gras nealcoolic, hepatita virală C și litiaza biliară - Componente ale sindromului metabolic (FINALISM) - membru echipă cercetare	2006-2008	2	4
17	National	Contract CEEX PNCDI VIASAN 71/01.08.2006 Sistem Inteligent de Detectare și Evaluare Neinvazivă a Fibrozei, Restructurării și a Nodulilor Displazici ai Ficatului cu ajutorul Ultrasonografiei 2D/3D și a Markerilor Moleculari - SIDEF	2006-2008	2	4
18	National	Contract CEEX PNCDI VIASAN 138/ 01.08.2006 Predicția Evoluției și Estimarea Răspunsului la Tratament a Tumorilor Maligne, prin Modelare Morfologică și Hemodinamică, Utilizând Tehnici Imagistice, Matematice și de Inteligență Artificială – ANGIOTUMOR	2006-2008	2	4
19	National	Contract CNCSIS Tip A, nr 1255/2006, Metode si Algoritmi matematici avansati din Teoria Modelelor Deformabile cu Aplicatii in Procesarea Imaginilor si in Tehnica Medicala, *membru echipă cercetare*	2006-2008	2	4
20	National	Contract CNCSIS 7520, Tip A, Sisteme Informationale Colaborative In Economia Globala- membru echipă cercetare	2005-2007	2	4
21	National	Contract INFOSOC nr. 123/16.08.2004 Mediu integrat multimedia pentru generarea lectiilor on-line folosit in invatamantul la distanta MMGEN, *membru echipa de cercetare;* valoare totala: 60.000 RON	2005-2007	2	4
22	National	Contract SITC cu Consiliul Judetean Cluj: Platforma pentru Centre de Excelenta - Contract cu terti	2003-2004	1	2
23	National	Contract SITC cu USAMV: Site-ul Universitatii de Stiinte Agricole si Medicina Veterinara - Contract cu terti	2003-2004	1	2
24	National	Proiect POSDRU 21/1.5/G/37486, 2010 Instrument informațional pentru creșterea calității, vizibilității și interdisciplinarității programelor doctorale	2010-2012	2	4
25	National	MUȘATIN – Management universitar superior prin aportul tehnologiei informatiei, POSDRU/86/1.2/S/61916, perioada de derulare 1/3/2011 – 28/02/2014	2011-2014	3	6
26	National	Proiect POSCCE Cod SMIS 49752 "Dezvoltarea Inovativa prin Informatizare a Ecosistemului Urban Cluj-Napoca", Sub-proiect: "Software platform design for smart traffic management in urban agglomerations" - 18 luni	2014-2015	1.5	3

27	National	Proiect POSCCE Cod SMIS 49752 “Dezvoltarea Inovativa prin Informatizare a Ecosistemului Urban Cluj-Napoca”, Sub-proiect: "Computerized platform efficientizing the process flow within and between the public authorities" - 18 luni	2014-2015	1.5	3
		Total punctaj A2.4.1			**137**

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj
1	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Akbulut S., et al., "Pioneering efficient deep learning architectures for enhanced hepatocellular carcinoma prediction and clinical translation", WORLD JOURNAL OF GASTROINTESTINAL ONCOLOGY 18(2), 2026	6	2.67
2	Mitrea D., Badea R., Mitrea P., Brad S., Nedevschi S., "Hepatocellular carcinoma automatic diagnosis within ceus and b-mode ultrasound images using advanced machine learning methods", (2021) Sensors, 21 (6) , art. no. 2202 , pp. 1-31.	Hashim A., et al., "The application of Artificial Intelligence in the ultrasound-based diagnosis of liver disease: current status, hurdles, and prospects", Ultraschall In Der Medizin, 2026	5	3.20
3	Mitrea D., Badea R., Mitrea P., Brad S., Nedevschi S., "Hepatocellular carcinoma automatic diagnosis within ceus and b-mode ultrasound images using advanced machine learning methods", (2021) Sensors, 21 (6) , art. no. 2202 , pp. 1-31.	Yang B., et al., "ThyFusionNet: A CNN-transformer framework with spatial aware sparse attention for multi modal thyroid disease diagnosis", Computerizwd Medical Imaging and Graphics, 128, 2026.	5	3.20
4	Mitrea D., Badea R., Mitrea P., Brad S., Nedevschi S., "Hepatocellular carcinoma automatic diagnosis within ceus and b-mode ultrasound images using advanced machine learning methods", (2021) Sensors, 21 (6) , art. no. 2202 , pp. 1-31.	Devkota S., et al., "Revolutionizing Liver Imaging: Artificial Intelligence-Driven Advances in Diagnostics and Staging", Journal of Clinical and Experimental Hepatology 16(2), 2026	5	3.20
5	Brehar Raluca Didona, Mitrea Delia Alexandrina, Vancea Flaviu Ionut, Marita Tiberiu, Nedevschi Sergiu, Lupsor-Platon M., Rotaru M., Badea R.I., "Comparison of Deep-Learning and Conventional Machine-Learning Methods for the Automatic Recognition of the Hepatocellular Carcinoma Areas from Ultrasound Images", SENSORS, 2020	Hashim A., et al., "The application of Artificial Intelligence in the ultrasound-based diagnosis of liver disease: current status, hurdles, and prospects", Ultraschall In Der Medizin, 2026	5	3.20
6	Brehar Raluca Didona, Mitrea Delia Alexandrina, Vancea Flaviu Ionut, Marita Tiberiu, Nedevschi Sergiu, Lupsor-Platon M., Rotaru M., Badea R.I., "Comparison of Deep-Learning and Conventional Machine-Learning Methods for the Automatic Recognition of the Hepatocellular Carcinoma Areas from Ultrasound Images", SENSORS, 2020	Sharma N., et al., "Combating Sorafenib Resistance in Hepatocellular Carcinoma: Unlocking Potential with Combination Therapies and Structure-Activity Relationship Studies", Anti-Cancer Agents in Medicinal Chemistry, 2026	8	2.00
7	Mesaros, Anca-Stefania; Sava, Sorina; Mitrea, Delia, Gasparik C., Alb C., Mesaros M., Badea M., Dudea D. , "In vitro assessment of tooth color changes due to orthodontic treatment using knowledge discovery methods", in JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Volume: 29, Issue: 20, 2015	L. Kumaralingam**,** A. Sivaanpul, et al**.,** "OralSAM: One-Shot Segmentation for Intraoral Ultrasound Videos with Adaptive Feature Correlation and Self-prompting Strategy"**,** MEDICAL IMAGE COMPUTING AND COMPUTER ASSISTED INTERVENTION - MICCAI 2025, PT VII 15966, pp.390-399	8	2.00
8	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Rhyou S.-Y., Yoo J.-C**.,** "Automated ultrasonography of hepatocellular carcinoma using discrete wavelet transform based deep-learning neural network"**,** Medical Image Analysis, Vol. 101, April 2025 (Q1)	6	2.67
9	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Chen C., Mat Isa N.A., Liu X., "A review of convolutional neural network based methods for medical image classification", Computers in Biology and Medicine (Q1), Vol. 185, Feb. 2025 (Q1-Q2)	6	2.67
10	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Zhou Hongyu, Ding Jianmin, Zhou Yan, Wang Yandong, Zhao Lei, Shih Cho-Chiang, Xu Jingping, Wang Jianan, Tong Ling, Chen Zhouye, Lin Qizhong, Jing Xiang, :Malignancy diagnosis of liver lesion in contrast enhanced ultrasound using an end-to-end method based on deep learning", BMC MEDICAL IMAGING, 2024	6	1.33
11	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Mostafa G., Mahmoud H., Abd El-Hafeez T., E.ElAraby M., "The power of deep learning in simplifying feature selection for hepatocellular carcinoma: a review", BMC Medical Informatics and Decision Making, 2024	6	1.33
12	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Wei Qiuxia, Tan Nengren, Xiong Shiyu, Luo Wanrong, Xia Haiying, Luo Baoming, "Deep Learning Methods in Medical Image-Based Hepatocellular Carcinoma Diagnosis: A Systematic Review and Meta-Analysis", Cancers (Q1), 2023	6	2.67

13	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Zhang Haoyan, Meng Zheling, Ru Jinyu, Meng Yaqing, Wang Kun, "Application and prospects of AI-based radiomics in ultrasound diagnosis", VISUAL COMPUTING FOR INDUSTRY BIOMEDICINE AND ART, 2023	6	1.33
14	Mitrea Delia Alexandrina, Brehar Raluca Didona, Nedevschi Sergiu, Lupsor-Platon M., Socaciu M., Badea R., "Hepatocellular Carcinoma Recognition from Ultrasound Images Using Combinations of Conventional and Deep Learning Techniques", Sensors, Vol. 23, No. 5, 2023	Wang Kai, Chen Xu-Yang, Liu Wen-Dong, Yue Ying, Wen Xiao-Lin, Yang Yu-Shun, Zhang Ai-Guo, Zhu Hai-Liang, "Imaging Investigation of Hepatocellular Carcinoma Progress via Monitoring ?-Glutamyltranspeptidase Level with a Near-Infrared Fluorescence/Photoacoustic Bimodal Probe", Analytical Chemistry (Q1), 2023	6	2.67
15	D. Mitrea, T. Marita, F. Vancea, S. Nedevschi, P. Mitrea, G. M. Neamt, S. Timoftei, V. Florian, C. Radu, M. Socaciu, H. Stefanescu, N.Al Hajjar," Towards building a computerized system for modelling advanced hcc tumors, in order to assist their minimum invasive surgical treatment", European Conference on Mechanism Science (EuCoMeS 2020). New Trends in Mechanism and Machine Science, Springer, pp 219-227	SH Orabi, TS Allam, SM Shawky, EAE Tahoun, et al.,"The antioxidant, anti-apoptotic, and proliferative potency of argan oil against betamethasone-induced oxidative renal damage in rats", Biology(Q1), 2020	12	1.33
16	Vancea Flaviu Ionut, Mitrea Delia Alexandrina, Nedevschi Sergiu, Rotaru M., Stefanescu H., Badea R., "Hepatocellular Carcinoma Segmentation within Ultrasound Images using Convolutional Neural Networks", 2019 IEEE 15TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP 2019)	Mercioni M.A., Caleanu C.D., Sirbu C.L., "Computer Aided Diagnosis for Contrast-Enhanced Ultrasound Using Transformer Neural Network", 2023 25th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	6	1.33
17	Vancea Flaviu Ionut, Mitrea Delia Alexandrina, Nedevschi Sergiu, Rotaru M., Stefanescu H., Badea R., "Hepatocellular Carcinoma Segmentation within Ultrasound Images using Convolutional Neural Networks", 2019 IEEE 15TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP 2019)	Cho Yongwon, Han Yeo Eun, Kim Min Ju, Park Beom Jin, Sim Ki Choon, Sung Deuk Jae, Han Na Yeon, Park Yang Shin, "Computer-aided hepatocellular carcinoma detection on the hepatobiliary phase of gadoxetic acid-enhanced magnetic resonance imaging using a convolutional neural network: Feasibility evaluation with multi-sequence data", COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE (Q1), 2022	6	2.67
18	Vancea Flaviu Ionut, Mitrea Delia Alexandrina, Nedevschi Sergiu, Rotaru M., Stefanescu H., Badea R., "Hepatocellular Carcinoma Segmentation within Ultrasound Images using Convolutional Neural Networks", 2019 IEEE 15TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP 2019)	Sivanandan Revathy, Jayakumari J., "Development of a Novel CNN Architecture for Improved Diagnosis from Liver Ultrasound Tumor Images", INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS, 2022	6	1.33
19	Chifor R., Badea A.F., Chifor I., Mitrea Delia Alexandrina, Crisan M., Badea M.E., "Periodontal evaluation using a non-invasive imaging method (ultrasonography)", Medicine and Pharmacy Reports, 2019	Huang D.-M., Wang S.-H., "In Situ Monitoring and Assessment of Ischemic Skin Flap by High-Frequency Ultrasound and Quantitative Parameters", Sensors(Q2), 2024	6	2.67
20	Chifor R., Badea A.F., Chifor I., Mitrea Delia Alexandrina, Crisan M., Badea M.E., "Periodontal evaluation using a non-invasive imaging method (ultrasonography)", Medicine and Pharmacy Reports, 2019	Renaud M., Gette M., Delpierre A., Calle S., Levassort F., Denis F., Rochefort G.Y., "Intraoral Ultrasonography for the Exploration of Periodontal Tissues: A Technological Leap for Oral Diagnosis", Diagnostics (Q1), 2024	6	2.67
21	Chifor R., Badea A.F., Chifor I., Mitrea Delia Alexandrina, Crisan M., Badea M.E., "Periodontal evaluation using a non-invasive imaging method (ultrasonography)", Medicine and Pharmacy Reports, 2019	Hoang Trang H., Nguyen Kim-Cuong T., Kaipatur Neelambar R., Alexiou Maria, La Thanh-Giang, Vich Manuel O. Lagravere, Major Paul W., Punithakumar Kumaradevan, Lou Edmond H., Le Lawrence H, "Ultrasonic mapping of midpalatal suture - An ex-vivo study", Journal of Dentistry, 2024	6	1.33
22	Chifor R., Badea A.F., Chifor I., Mitrea Delia Alexandrina, Crisan M., Badea M.E., "Periodontal evaluation using a non-invasive imaging method (ultrasonography)", Medicine and Pharmacy Reports, 2019	Kumaralingam L., Dinh H.B.V., Nguyen K.-C.T., Punithakumar K., La T.-G., Lou E.H.M., Major P.W., Le L.H., "DetSegDiff: A joint periodontal landmark detection and segmentation in intraoral ultrasound using edge-enhanced diffusion-based network", Computers in Biology and Medicine(Q1), 2024	6	2.67
23	Chifor R., Badea A.F., Chifor I., Mitrea Delia Alexandrina, Crisan M., Badea M.E., "Periodontal evaluation using a non-invasive imaging method (ultrasonography)", Medicine and Pharmacy Reports, 2019	Qi B., Hariri A., Khazaeinezhad R., Fu L., Li Y., Jin Z., Yim W., He T., Cheng Y., Zhou J., Jokerst J.V., "A miniaturized ultrasound transducer for monitoring full-mouth oral health: a preliminary study", Dentomaxillofacial Radiology (Q1), 2023	6	2.67
24	Chifor R., Badea A.F., Chifor I., Mitrea Delia Alexandrina, Crisan M., Badea M.E., "Periodontal evaluation using a non-invasive imaging method (ultrasonography)", Medicine and Pharmacy Reports, 2019	Le L.H., Nguyen K.-C.T., Nguyen P.-T.T., La T.-G., Major P.W., Lou E.H.M., "Estimating Crestal Thickness of Alveolar Bones on Intra-oral Ultrasonograms", Ultrasound in Medicine and Biology (Q2), 2023	6	2.67
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		Total punctaj A3.1.1.		**419.63**

A3.1.2. Citari in carti, reviste si volume ale unor manifestari stiintifice (BDI)

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1	Mitrea Delia Alexandrina, Brehar Raluca Didona, Itu Razvan, Nedevschi Sergiu, Socaciu Mihai, Badea Radu, "Pancreatic Tumor Recognition from CT Images through Advanced Deep Learning Techniques", 2024 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2024), IEEE, ISBN 979-8-3503-6194-0, 6 pagini in limba engleza	R. Kumar Mahendran, et al., "PancreasNet: A Transformer-Based Progressive Residual Network for Comprehensive Pancreatic Cancer Detection using CT Images", 2025 International Conference on Wireless Communications Signal Processing and Networking (WiSPNET)	6	0.67
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		Total punctaj A3.1.2.		**37.06**

Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI/BDI

Nume manifestare	URL	Tip (ISI/BDI)	Punctaj
International Conference on Pattern Recognition Applications and Methods (2014) - membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2014	BDI	6
International Conference on Pattern Recognition Applications and Methods (2015)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2015	BDI	6
International Conference on Pattern Recognition Applications and Methods (2016)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2016	BDI	6
International Conference on Pattern Recognition Applications and Methods (2017)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2017	BDI	6
International Conference on Pattern Recognition Applications and Methods (2018)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2018	ISI	10
International Conference on Pattern Recognition Applications and Methods (2019)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2019	ISI	10
International Conference on Pattern Recognition Applications and Methods (2020)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2020	ISI	10
International Conference on Pattern Recognition Applications and Methods (2021)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2021	ISI	10
International Conference on Pattern Recognition Applications and Methods (2022)- membru comitet program	http://www.icpram.org/ProgramCommittee.aspx?y=2022	ISI	10
International Conference on Telecommunications and Signal Processing (2022)	https://tsp.vutbr.cz/	ISI	10
International Conference on Pattern Recognition Applications and Methods (2023)- membru comitet program	https://icpram.scitevents.org/ProgramCommittee.aspx?y=2023	ISI	10
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International Conference on Pattern Recognition Applications and Methods (2024)- membru comitet program	https://icpram.scitevents.org/ProgramCommittee.aspx?y=2024	ISI	10
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International Conference on Pattern Recognition Applications and Methods (2026)- membru comitet program	https://icpram.scitevents.org/ProgramCommittee.aspx?y=2026	ISI	10
International Conference on Computer Vision Theory and Applications (2025)	https://visapp.scitevents.org/ProgramCommittee.aspx?y=2025	ISI	10
International Conference on Computer Vision Theory and Applications (2026)	https://visapp.scitevents.org/ProgramCommittee.aspx?y=2026	ISI	10
International Conference on Telecommunications and Signal Processing (2024)	https://dblp.org/db/conf/tsp/index.html	BDI	6
IEEE 20th International Conference on Intelligent Computer Communication and Processing (ICCP 2026)	https://iccp.ro/iccp2026/program-committee/	BDI	6
Mexican Conference on Pattern Recognition (MCPR 2024)	https://ccc.inaoep.mx/~mcpr2024/	BDI	6
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