

## Fisa de verificare a standardelor minimale pentru gradul de profesor universitar stabilite prin OM 6.129/2016

**Candidat** Conf. dr. ing. Lemnaru (Vidrighin Bratu) Camelia  
**Domeniul** Calculatoare si Tehnologia Informatiei

Nr. Crt	Domeniul activ.			Subcategoriile	Indicatori (kpi)	Numar	Punctaj	
0	1	2	3	4	5			
1	Activitatea didactica si profesionala (A1)	Carti si capitole de carti de specialitate in edituri recunoscute	Carti, monografii, capitole ca autor	A1.1.1.	internationale	50 / nr autori	8	63,33333333
		Material didactic/lucrari didactice	Manuale didactice	A1.1.2	nationale	50 / nr autori	0	0
				A1.2.1		40 / nr autori	3	43,33333333
<b>Total punctaj A(1)</b>							<b>106,6666667</b>	
2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings		A2.1		(25+ 30 * factor impact) / nr. de autori	57	733,0855159
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2		20 / nr. de autori	23	133,33333333
		Proprietate intelectuala, brevete de inventie, certificate ORDA		A2.3.1	Internationale	35 / nr. de autori	0	0
				A2.3.2	nationale	25 / nr. de autori	0	0
		Granturi/proiecte castigate prin competitie	Director / responsabil	A2.4.1.1	Internationale	20 * ani de desfasurare	2	40
				A2.4.1.2	nationale	10 * ani de desfasurare	3	45
				Membru in echipa	A2.4.2.1	Internationale	4 * ani de desfasurare	0
A2.4.2.2	nationale	2 * ani de desfasurare	5		22			
<b>Total punctaj A(2)</b>							<b>973,4188492</b>	
3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1	carti, ISI	8 / nr aut art. citat	51	185,33333333
				A3.1.2	BDI	4 / nr aut art. citat	73	115,2666667
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI	Punctaj unic pentru fiecare activitate	A3.2		10	3	30
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate BDI	Punctaj unic pentru fiecare activitate	A3.3		6	2	12
		Premii in domeniu nationale sau internationale		A3.4		15	0	0
<b>Total punctaj A(3)</b>							<b>342,6</b>	

Conditii minimale Ai			
Nr.	Domeniu de activitate (A)	Necesar Prof	Realizat
A1	Activitatea didactica / profesionala (A1)	100	106,67
A2	Activitatea de cercetare (A2)	600	973,42
A3	Recunoasterea impactului activitatii (A3)	150	342,60
<b>Total (A)</b>		<b>850</b>	<b>1422,69</b>

Conditii minimale obligatorii pe subcategorii			
		Necesar Prof	Realizat
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	1	8
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[10]	56 (4)

A2.4.1	Granturi/proiecte castigate prin competitie (Director/responsabil)	2	4
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	25	124
	Factor de impact cumulat pentru publicatii	10	36,79
	Nr Minim Reviste ISI in zona Q1/Q2	3	4 + 3 conf A*

**Candidat**

Conf. Dr. Ing. Camelia Lemnaru

**Vizat Director Departament**

Prof. Dr. Ing. Rodica Potolea

**Vizat Decan**

Prof. Dr. Ing. Liviu Miclea

**OBS**

BDI pt Calculatoare: ISI, IEEE, ACM, Scopus, Science Direct, Elsevier, Springer, DBLP, Wiley, EURASIP, INSPEC !!! (se exclud ProQuest, Google Scholar, MathSciNet, MATHEMATICAL REVIEWS, etc.)

Punctajul pentru citari in jurnalele ISI se dubleaza daca citarea este dintr-un jurnal ISI Q1/Q2

Bugetul proiectelor de cercetare raportate ca director de proiect trebuie sa depaseasca 10.000 de USD.

Se considera doar ctr. cu tertii care au caracter preponderent de cercetare >10.000 USD

**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	Liana-Daniela Palcu, Marius Supuran, <b>Camelia Lemnaru</b> , Mihaela Dinsoreanu, Rodica Potolea and Raul Cristian Muresan	Discovering discriminative nodes for classification with deep graph convolutional methods. In x: 8th International Workshop, NFMCP 2019, Held in Conjunction with ECML-PKDD 2019, Wurzburg, Germany, September 16, 2019, Revised Selected Papers 8, pages 67–82. Springer International Publishing, 2020	SPRINGER	2020	4,166666667 <a href="https://search.worldcat.org/title/1155322694">https://search.worldcat.org/title/1155322694</a>
2	<b>Lemnaru Camelia</b> , Potolea Rodica	Evolutionary Cost-Sensitive Balancing: A Generic Method for Imbalanced Classification Problems, in EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation VI, Advances in Intelligent Systems and Computing, Springer, pp. 194-209, 2018	SPRINGER	2018	12,5 <a href="https://search.worldcat.org/title/1012344240">https://search.worldcat.org/title/1012344240</a>
3	Dan-Ovidiu Graur, Răzvan-Alexandru Mariș, Rodica Potolea, Mihaela Dînșoreanu, <b>Camelia Lemnaru</b>	Complex Localization in the Multiple Instance Learning Context, Conference: 6th International Workshop on New Frontiers in Mining Complex Patterns (NFMCP), within ECML 2017, Location: Skopje, MACEDONIA Date: SEP 18-22, 2017; revised selected papers in: NEW FRONTIERS IN MINING COMPLEX PATTERNS, NFMCP 2017 Book Series: Lecture Notes in Artificial Intelligence Volume: 10785 Pages: 93-106 Published: 2018	SPRINGER	2018	5 <a href="https://search.worldcat.org/title/8155784087">https://search.worldcat.org/title/8155784087</a>
4	Parau P., <b>Lemnaru C.</b> , Dinsoreanu M. and Potolea R.	Chapter 10: Opinion Leader Detection, in <i>Sentiment Analysis in Social Networks</i> , edt. Bing Liu, Enza Messina, Elisabetta Fersini, Federico Alberto Pozzi, pp. 157-170, ISBN 978-0-12-804412-4	Morgan Kaufmann	2016	6,25 <a href="https://www.worldcat.org/title/sentiment-analysis-in-social-networks/oclc/992150526&amp;referer=brief_results">https://www.worldcat.org/title/sentiment-analysis-in-social-networks/oclc/992150526&amp;referer=brief_results</a>

5	Lemnaru Camelia, Potolea Rodica	Imbalanced Classification Problems: Systematic Study, Issues and Best Practices, in Lecture Notes in Business Information Processing, Volume 102, 2012, pp 35-50	SPRINGER	2012	12,5	<a href="https://search.worldcat.org/title/794271751">https://search.worldcat.org/title/794271751</a>
6	Potolea Rodica, Cacoveanu Silviu Mihai, Lemnaru Camelia	Meta-learning Framework for Prediction Strategy Evaluation, Lecture Notes in Business Information Processing , Volume 73, Part 3, 280-295	SPRINGER	2011	8,333333333	<a href="https://search.worldcat.org/title/841264581">https://search.worldcat.org/title/841264581</a>
7	Potolea Rodica, Barbantian Ioana Lemnaru Camelia	A Hierarchical Approach for the Offline Handwritten Signature Recognition, Lecture Notes in Business Information Processing , Volume 73, Part 3, 264-279	SPRINGER	2011	8,333333333	<a href="https://search.worldcat.org/title/841264580">https://search.worldcat.org/title/841264580</a>
8	Vidrighin Bratu Camelia, Potolea Rodica	Enhancing Greedy Policy Techniques for Complex Cost-Sensitive Problems, in Advances in Greedy Algorithms – chapter 9, IN-TECH, pp. 151-168, ISBN 978-953-7619-27-5	IN-TECH	2008	6,25	
<b>Total:</b>					<b>63,33333333</b>	

#### A1.2.1. Materiale didactice

					Punctaj
1	Lemnaru Camelia, Rodica Potolea	LOGIC PROGRAMMING. A Hands-on Approach	U.T.PRESS CLUJ-NAPOCA, 2018 ISBN 978-606-737-292-2 <a href="https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/292-2.pdf">https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/292-2.pdf</a>	2018	20
2	Tudor Muresan, Rodica Potolea, Lemnaru Camelia	FUNDAMENTAL ALGORITHMS. Laboratory Assignments Guide	U.T. PRESS Cluj-Napoca, 2018 ISBN 978-606-737-293-9 <a href="https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/293-9.pdf">https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/293-9.pdf</a>	2018	13,33333333
3	Rodica Potolea, Lemnaru Camelia, Richard-Eugen Ardelean, Raluca Laura Portase	PROGRAMARE LOGICA. Indrumator de laborator	U.T.PRESS CLUJ-NAPOCA, 2024, ISBN 978-606-737-707-1 <a href="https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/707-1.pdf">https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/707-1.pdf</a>	2024	10
<b>Total:</b>					<b>43,33333333</b>

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

Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. Autori	Punctaj
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[1]Capitolul de carte editată punctajul pentru cartea din c  
[2]Dacă cartea respectivă se  
[3]Se consideră factorul de i  
volumele manifestărilor ISI s  
internaționale de top în dor  
și ținută la zi de comisia CNA  
[4]Pentru domeniul Calculat  
de date internaționale (BDI):  
Elsevier, Springerlink, ACM (  
[5]Se dublează punctajul dac  
[6]Nu se consideră în aceasti  
consideră numai proiecte/gr  
Candidatul va atașa docume  
[7]Se exclud autocitățile (au  
numele autorilor referinței k  
<https://images.webofknowl>  
[8]Se dublează punctajul dac  
subdomeniului (sau al unuia  
(zonele Q1-Q2 în notația ISI)  
[9]Nu se ia în considerație ca  
[10]Revistă cotate ISI afl:  
acreditare ISI din punct de v  
50% (Q1,Q2) se consideră fie  
necesare poate fi echivalată  
internaționale de top în dor  
disponibilă la adresa www.c  
[11]Lucrarea citată nu este o  
[12]Pentru brevete se consi  
factorul de impact se calcule

1	Macicasan, F.; Frasie, A.; Vezean, N.T.; Lemnaru, C.; Potolea, R.	Evolving a Pipeline Approach for Abstract Meaning Representation Parsing Towards Dynamic Neural Networks. International Journal of Neural Systems. 2023 Jun 17:2350040-.	8,00	5	53
2	Rad, A.C.; Lemnaru, C.; Munteanu, A.	A Comparative Analysis between Efficient Attention Mechanisms for Traffic Forecasting without Structural Priors. Sensors 2022, 22, 7457.	3,85	3	46,80333333
3	Stoica, A.; Kadar, T.; Lemnaru, C.; Potolea, R.; Diñşoreanu, M.	Intent Detection and Slot Filling with Capsule Net Architectures for a Romanian Home Assistant. Sensors 2021, 21, 1230. <a href="https://doi.org/10.3390/s21041230">https://doi.org/10.3390/s21041230</a>	3,85	5	28,1
4	Borsos, Z., Lemnaru, C., Potolea, R.	Dealing with overlap and imbalance: a new metric and approach, PATTERN ANALYSIS AND APPLICATIONS, Volume: 21 Issue: 2 Pages: 381-395, 2018	2,307	3	31,40333333
5	Barbantán, I., Porumb, M., Lemnaru, C. and Potolea, R.	"Feature Engineered Relation Extraction – Medical Documents Setting", International Journal of Web Information Systems, Vol. 12 No. 3, pp. 336-358. <a href="https://doi.org/10.1108/IJWIS-03-2016-0015">https://doi.org/10.1108/IJWIS-03-2016-0015</a> , 2016	1,600	4	18,25
6	Camelia Vidrighin, Rodica Potolea	ProICET: a cost-sensitive system for prostate cancer data., in Health Informatics Journal, vol. 14, no. 4, pp. 297-307, 2008.	2,934	2	56,51
7	Liana-Daniela Palcu, Marius Supuran, Camelia Lemnaru, Mihaela Dinsoreanu, Rodica Potolea and Raul Cristian Muresan	Breaking the interpretability barrier—A method for interpreting deep graph convolutional models, Proceedings of the International Workshop NFMCP in Conjunction with ECML-PKDD 2019	0,750	6	7,916666667
8	Andrei-Victor Chisca, Andrei-Cristian Rad, Camelia Lemnaru	Prompting Fairness: Learning Prompts for Debiasing Large Language Models. In Proceedings of the Fourth Workshop on Language Technology for Equality, Diversity, Inclusion 2024, within EACL 2024, pp. 52-62	0,750	3	15,83333333
9	Negru, V., Vacareanu, R., Lemnaru C., Surdeanu, M. and Potolea, R.	From Text to Taste: Advancing Smart Appliances with Multilingual Recipe Interpretation, to be presented at DÉCOR 2024, workshop at ICDE 2024	0,750	5	9,5
10	Cosmina Radu, Carla-Elena Staicu, Livia-Maria Mitrica, Mihaela Dinsoreanu, Rodica Potolea, Camelia Lemnaru	Extracting Settings from Multilingual Recipes with Various Sequence Tagging Models: an Experimental Study, 2022 IEEE 18th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2022, pp. 65-72, doi: 10.1109/ICCP56966.2022.10053968.	0,250	6	5,416666667

Q1

Q1/Q2 (2021)

Q1/Q2 (2021)

Q3 (2021)

Q3(2022)

Q2/Q3(2021)

Workshop in Conferinta ECML - A\*

Workshop in Conferinta EACL - A\*

Workshop in Conferinta ICDE - A\*

11	A. -M. Lăpușan, R. -L. Horge, S. Petres, M. Dînșoreanu, R. Potolea and C. Lemnaru	Instructions Are All You Need: Cooking Parameters Classification for Monolingual Recipes, 2022 IEEE 18th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2022, pp. 73-80, doi: 10.1109/ICCP56966.2022.10053948.	0,250	6	5,416666667
12	Firte, C , Iamnitci, L , Portase, R , Tolas, R , Potolea, R , Dinsoreanu, M, Lemnaru, C	Knowledge inference from home appliances data, 2022 IEEE 18th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2022, pp. 237-243, doi: 10.1109/ICCP56966.2022.10053977.	0,250	7	4,642857143
13	Andreea Sălăgean, Andreea-Mădălina Pașc, Eugen Richard Ardelean, Raul C Mureșan, Vasile V Moca, Mihaela Dînșoreanu, Rodica Potolea, <b>Camelia Lemnaru</b>	Local Field Potential Microstate Analysis, 2022 IEEE 18th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2022, pp. 221-227, doi: 10.1109/ICCP56966.2022.10053960.	0,250	8	4,0625
14	Frasie, A., Vezean, NT., Marian, G., Macicasan, F., <b>Lemnaru, C.</b>	Enhancements on a Pipeline Approach for Abstract Meaning Representation Parsing. In: Iliadis, L., Jayne, C., Tefas, A., Pimenidis, E. (eds) Engineering Applications of Neural Networks. EANN 2022. Communications in Computer and Information Science, vol 1600. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-08223-8_41">https://doi.org/10.1007/978-3-031-08223-8_41</a>	0,25	5	6,5
15	Timbus, C; Miclea, V and <b>Lemnaru, C</b>	Solution for Pneumothorax Detection, 16th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications (VISIGRAPP) / 16th International Conference on Computer Vision Theory and Applications (VISAPP), 2021	0,25	3	10,83333333
16	Rad, AC., Muntean, IHM., Stoica, AD., <b>Lemnaru, C.</b> , Potolea, R., Dînșoreanu, M.	Semantically Enriching Embeddings of Highly Inflectable Verbs for Improving Intent Detection in a Romanian Home Assistant Scenario. In: Abreu, P.H., Rodrigues, P.P., Fernández, A., Gama, J. (eds) Advances in Intelligent Data Analysis XIX. IDA 2021. Lecture Notes in Computer Science(), vol 12695. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-74251-5_20">https://doi.org/10.1007/978-3-030-74251-5_20</a>	0,25	6	5,416666667
17	O. B. Batiz, R. P. Helmer, R. Pop, F. Macicasan and C. <b>Lemnaru</b>	Concept Identification with Sequence-to-Sequence Models in Abstract Meaning Representation Parsing, 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2020, pp. 83-90, doi: 10.1109/ICCP51029.2020.9266136.	0,25	5	6,5

18	V.M. Petruțiu, L.D. Palcu, <b>C. Lemnaru</b> , M. Dînsoreanu, R. Potolea, R. Mureșan, V.V. Moca	Enhancing the Classification of EEG Signals using Wasserstein Generative Adversarial Networks, 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2020, pp. 29-34, doi: 10.1109/ICCP51029.2020.9266157	0,25	7	4,642857143
19	R. Pop, F. Macicasan and <b>C. Lemnaru</b>	A Two Stage Approach for AMR Parsing Using the Concept Inference Order, 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2020, pp. 91-98, doi: 10.1109/ICCP51029.2020.9266209	0,25	3	10,83333333
20	C. M. Chira, R. Portase, R. Tolas, <b>C. Lemnaru</b> and R. Potolea	A System for Managing and Processing Industrial Sensor Data: SMS, 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2020, pp. 213-220, doi: 10.1109/ICCP51029.2020.9266263.	0,25	5	6,5
21	Sălăgean, N. Sîrca, V.V. Moca, A. Nagy-Dăbâcan, R.C. Muresan, R. Potolea, M. Dînsoreanu, <b>C.</b>	Using Symbolic Analysis of Local Field Potentials for Anesthesia Depth Prediction, 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2020, pp. 21-28, doi: 10.1109/ICCP51029.2020.9266151	0,25	9	3,611111111
22	A. Crișan, G. Florea, L. Halasz, <b>C. Lemnaru</b> and C. Oprisa	and Word Embeddings, 2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2020, pp. 187-193, doi: 10.1109/ICCP51029.2020.9266139	0,25	5	6,5
23	A.D. Stoica, A.C. Rad, I.H. Muntean, G. Daian, <b>C. Lemnaru</b> , R. Potolea, M. Dinsoreanu	The Impact of Romanian Diacritics on Intent Detection and Slot Filling, 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9129947	0,25	7	4,642857143
24	Palcu, LD., Supuran, M., Lemnaru, C., Dinsoreanu, M., Potolea, R., Muresan, R.C.	Discovering Discriminative Nodes for Classification with Deep Graph Convolutional Methods. In: Ceci, M., Loglisci, C., Manco, G., Masciari, E., Ras, Z. (eds) New Frontiers in Mining Complex Patterns. NFMCP 2019. Lecture Notes in Computer Science(), vol 11948. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-48861-1_5">https://doi.org/10.1007/978-3-030-48861-1_5</a>	0,25	6	5,416666667
25	E. -T. Albert, <b>C. Lemnaru</b> , M. Dinsoreanu and R. Potolea	Recurrent Networks, 2019 IEEE 15th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2019, pp. 53-60, doi: 10.1109/ICCP48234.2019.8959645	0,25	4	8,125
26	Stanciu, M. Dinsoreanu, R. Potolea, <b>C. Lemnaru</b> and V. V. Moca	clustering, 2019 IEEE 15th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2019, pp. 419-425, doi: 10.1109/ICCP48234.2019.8959795	0,25	6	5,416666667

27	A. Stoica, T. Kadar, C. Lemnaru, R. Potolea and M. Dinşoreanu	The Impact of Data Challenges on Intent Detection and Slot Filling for the Home Assistant Scenario, 2019 IEEE 15th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2019, pp. 41-47, doi: 10.1109/ICCP48234.2019.8959642	0,25	5	6,5
28	Potolea, Rodica; Lemnaru, Camelia	Understanding and Addressing Change in Computer Science Education Conference: 22nd International Conference on Control Systems and Computer Science (CSCS) Location: Univ Politehnica Bucharest, Bucharest, ROMANIA Date: MAY 28-30, 2019 Sponsor(s): IEEE Comp Soc; Univ Politehnica Bucharest, Fac Automat Control & Comp; Romanian Soc Control Engn & Tech Informat; Romanian Acad, Sci & Informat Technol Sect; IEEE Romania Sect; IEEE Compr Soc, Romanian Chapter; Romanian Assoc Artificial Intelligence 2019 22ND INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE (CSCS) Book Series: International Conference on Control Systems and Computer	0,250	2	16,25
29	Morosanu, Bogdan-Andrei; Lemnaru, Camelia	From Image Captioning to Video Summary using Deep Recurrent Networks and Unsupervised Segmentation Conference: 10th International Conference on Machine Vision (ICMV) Location: Vienna, AUSTRIA Date: NOV 13-15, 2017 TENTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2017) Book Series: Proceedings of SPIE Volume: 10696 Article Number: UNSP 106960P Published: 2018	0,25	2	16,25
30	Socaci, I.A., Lemnaru, C.	A comparative study of methods used in the analysis and prediction of financial data, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), LNAI, pp. 309-320, 2018	0,25	2	16,25
31	S. Cimpian, A. Lazar, F. Macicasan and C. Lemnaru	"A transition-based approach for AMR parsing using LSTM networks," 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 103-110.	0,25	4	8,125
32	Bărbăntan, I., Porumb, M., Lemnaru, C., Potolea,	Feature Engineered Relation Extraction – Medical Documents Setting, International Journal of Web Information Systems, vol:12, iss:3 ,ISSN: 1744-0084, pp.336 – 358, Emerald Group Publishing,	0,25	4	8,125
33	Adrian Bona, Camelia Lemnaru, Rodica Potolea	Syllabification with Frequent Sequence Patterns A Language Independent Approach, 8th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KDIR) Location: Porto, PORTUGAL Date: NOV 09-11, 2016, pp. 352-359	0,25	3	10,83333333
34	Chirila Stefana, Lemnaru Camelia, Dinsoreanu Mihaela	Semantic-based IoT device discovery and recommendation mechanism, 12th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj Napoca, ROMANIA Date: SEP 08-10, 2016, pp. 111-116	0,25	3	10,83333333

35	Indre Ionut, <b>Camelia Lemnaru</b>	Detection and Prevention System against Cyber Attacks and Botnet Malware for Information Systems and Internet of Things, 12th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj Napoca, ROMANIA Date: SEP 08-10, 2016, pp. 175-182	0,25	2	16,25
36	Szenasi, G., <b>Lemnaru, C.</b> , Barbantan, I.	Concept extraction from medical documents: A contextual approach, in Proceedings - 2015 IEEE 11th International Conference on Intelligent Computer Communication and Processing, ICCP 2015, pp. 13-17, 2015	0,25	3	10,83333333
37	Balc, D., Beleiu, A., Potolea, R., <b>Lemnaru, C.</b>	A learning-based approach for Romanian syllabification and stress assignment, in Proceedings - 2015 IEEE 11th International Conference on Intelligent Computer Communication and Processing, ICCP 2015, pp. 37-42, 2015.	0,25	4	8,125
38	Chira, C., <b>Lemnaru, C.</b>	A multi-objective evolutionary approach to imbalanced classification problems, in Proceedings - 2015 IEEE 11th International Conference on Intelligent Computer Communication and Processing, ICCP 2015, pp. 149-154, 2015.	0,25	2	16,25
39	Muresan, S., Faloba, I., <b>Lemnaru, C.</b> , Potolea, R.	Pre-processing flow for enhancing learning from medical data, in Proceedings - 2015 IEEE 11th International Conference on Intelligent Computer Communication and Processing, ICCP 2015,	0,25	4	8,125
40	Parau, P., <b>Lemnaru, C.</b> , Potolea, R.	Assessing vertex relevance based on community detection, in IC3K 2015 - Proceedings of the 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, vol. 1, pp. 46-56, 2015.	0,25	3	10,83333333
41	Prisca, S., Dinsoreanu, M., <b>Lemnaru, C.</b>	Topic oriented auto-completion models approaches towards fastening auto-completion systems, in IC3K 2015 - Proceedings of the 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, vol. 1, pp.	0,25	3	10,83333333
42	Anisiei Ancuta-Lenuta, <b>Lemnaru Camelia</b> , Dinsoreanu Mihaela, Rodica	Extracting Opinion Holders and Targets in Romanian Texts, IEEE 10th International Conference on Intelligent Computer Communication and Processing (ICCP) Location: Cluj Napoca, ROMANIA Date: SEP 04-06, 2014, pp. 37-42	0,25	4	8,125
43	I. Barbantan, C. <b>Lemnaru</b> , R. Potolea	A hierarchical handwritten offline signature recognition system, in ICEIS 2010 - Proceedings of the 12th International Conference on Enterprise Information Systems, vol. 2 AIDSS, pp. 139-147, 2010.	0,25	3	10,83333333
44	S. Cacoveanu, C. <b>Vidrighin Bratu</b> , R. Potolea	Evaluating Prediction Strategies in an Enhanced Meta-learning Framework, in ICEIS 2010 - Proceedings of the 12th International Conference on Enterprise Information Systems, vol. 2 AIDSS: 148-156, 2010	0,25	3	10,83333333
45	R. Potolea, C. <b>Lemnaru</b>	Dealing with imbalanced problems: Issues and best practices, in ICEIS 2010 - Proceedings of the 12th International Conference on Enterprise Information Systems, vol. 2 AIDSS, pp. 443-446, 2010.	0,25	2	16,25



46	Silviu Cacoveanu, <b>Camelia Vidrighin</b> , Rodica Potolea	Evolutional Meta-Learning Framework for Automatic Classifier Selection, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 27-30, 2009.	0,25	3	10,83333333
47	Ioana Barbantan, <b>Camelia Vidrighin</b> , Raluca Borca	An Offline System for Handwritten Signature Recognition, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 3-10, 2009.	0,25	3	10,83333333
48	<b>Camelia Bratu</b> , Rodica Potolea	TOWARDS A UNIFIED STRATEGY FOR THE PREPROCESSING STEP IN DATA MINING, in ICEIS 2009 : PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON ENTERPRISE INFORMATION SYSTEMS, VOL AIDSS, pp. 230-235, 2009.	0,25	2	16,25
49	Adina Firte, <b>Camelia Bratu</b> , Calin Cenan	Intelligent Component for adaptive E-learning Systems, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 35-38, 2009.	0,25	3	10,83333333
50	Beata Merk, <b>Camelia Bratu</b> , Rodica Potolea	Meta-learning Enhancements by Data Partitioning, in 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 59-62,	0,25	3	10,83333333
51	<b>Bratu Vidrighin</b> , R. Potolea	Unified strategy for feature selection and data imputation, in SYNASC 2009 - 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 413-419, 2009.	0,25	2	16,25
52	<b>Camelia Vidrighin Bratu</b> , Tudor Muresan, Rodica	Improving Classification Accuracy through Feature Selection, in 2008 IEEE 4TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS,	0,25	3	10,83333333
53	<b>Camelia Bratu</b> , Rodica Potolea	Towards a combined approach to feature selection, in ICSoft 2008: PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON SOFTWARE AND DATA TECHNOLOGIES, VOL ISDM/ABF, pp. 134-139, 2008.	0,25	2	16,25
54	<b>Camelia Bratu</b> , Cristina Savin, Rodica Potolea	A hybrid algorithm for medical diagnosis, in EUROCON 2007: THE INTERNATIONAL CONFERENCE ON COMPUTER AS A TOOL, VOLS 1-6, pp. 2069-2074, 2007.	0,25	3	10,83333333
55	Teodora Moldovan, <b>Camelia Vidrighin</b> , Ioana Giurgiu, Rodica Potolea	Evidence combination for baseline accuracy determination, in ICCP 2007: IEEE 3RD INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS, pp. 41-48, 2007.	0,25	4	8,125
56	Alexandru Onaci, <b>Camelia Vidrighin</b> , Mihai Cuibus, Rodica	Enhancing classifiers through neural network ensembles, in ICCP 2007: IEEE 3RD INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING, PROCEEDINGS,	0,25	4	8,125
57	Rodica Potolea, <b>Camelia Vidrighin</b> , Cristina Savin	ProCET - A cost-sensitive system for the medical domain, in ICNC 2007: Third International Conference on Natural Computation, Vol 2, Proceedings, pp. 338-342, 2007.	0,25	3	10,83333333

**Factor impact cumulativ**

**36,788**

**Total punctaj A2.1.**

**733,0855159**

**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	Ramona Tolas, Raluca Portase, <b>Camelia Lemnaru</b> , Mihaela Dinsoreanu, Rodica Potolea	Unsupervised Clustering and Explainable AI for Unveiling Behavioral Variations Across Time in Home-Appliance Generated Data. International Conference on Information Integration and Web Intelligence, pp. 147-161, 2023	Scopus	5	4
2	Vlad-Andrei Negru, <b>Camelia Lemnaru</b> , Rodica Potolea	Multitask, Cross-Lingual Recipe Classification Using Joint Fine-Tuning Mechanisms. International Conference on Information Integration and Web Intelligence, pp. 547-552, 2023	Scopus	3	6,666666667
3	Iulia-Maria Rus, Raluca Portase, Ramona Tolas, <b>Camelia Lemnaru</b> , Mihaela Dinsoreanu, Rodica Potolea	Extracting Appliance Behavior from Heterogeneous Data. 2023 IEEE 19th International Conference on Intelligent Computer Communication and Processing (ICCP), pp. 87-92, 2023	Scopus	6	3,333333333
4	Timbus, C., Miclea, V., <b>Lemnaru, C.</b>	Semantic segmentation-based traffic sign detection and recognition using deep learning techniques, Proceedings - 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing, ICCP 2018, pp. 325-331	IEEE	3	6,666666667
5	Bucur, B., Somfelean, I., Ghiurutan, A., Lemnaru, C., Dinsoreanu, M.	An early fusion approach for multimodal emotion recognition using deep recurrent networks, Proceedings - 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing, ICCP 2018, pp. 71-78	IEEE	5	4
6	Pop, R., Dregan, A., Macicasan, F., <b>Lemnaru, C.</b> , Potolea, R.	Enhancements on a transition-based approach for AMR parsing using LSTM networks, Proceedings - 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing, ICCP 2018, pp. 55-62	IEEE	5	4
7	Porumb M, Barbantan I, <b>Lemnaru C</b> , Potolea R	REMed: automatic relation extraction from medical documents. In Proceedings of the 17th International Conference on Information Integration and Web-based Applications & Services 2015 Dec 11 (p. 19). ACM.	ACM	4	5
8	I. Barbantan, <b>C. Lemnaru</b> , R. Potolea	Disease identification in electronic health records: An ontology based approach, in KDIR 2014 - Proceedings of the International Conference on Knowledge Discovery and Information Retrieval,	Scopus	3	6,666666667
9	P. Parau, A. Stef, <b>C. Lemnaru</b> , M. Dinsoreanu, R. Potolea	Using community detection for sentiment analysis, in Proceedings - 2013 IEEE 9th International Conference on Intelligent Computer Communication and Processing, ICCP 2013, pp. 51-54, 2013.	Scopus	5	4

10	C. Lemnaru, A. Bona, R. Potolea	Distributed methodologies for imbalanced classification problems: Parameter analysis and tuning, in Proceedings - 2013 IEEE 12th International Symposium on Parallel and Distributed Computing, ISPC 2013, pp. 53-58, 2013.	Scopus	3	6,66666667
11	C. Lemnaru, M. Dobrin, M. Florea, R. Potolea	Designing a travel recommendation system using case-based reasoning and domain ontology, in Proceedings - 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, ICCP 2012, pp. 23-30, 2012.	Scopus	4	5
12	C. Lemnaru, M. Cuibus, A. Bona, A. Alic, R. Potolea	A distributed methodology for imbalanced classification problems, in Proceedings - 2012 11th International Symposium on Parallel and Distributed Computing, ISPC 2012, pp. 164-171, 2012.	Scopus	5	4
13	C. Lemnaru, A. Tudose-Vintila, A. Coclici, R. Potolea	A hybrid solution for imbalanced classification problems case study on network intrusion detection, in KDIR 2012 - Proceedings of the International Conference on Knowledge Discovery and Information Retrieval, pp. 348-352, 2012.	Scopus	4	5
14	C. Lemnaru, A. Sin-Neamtiu, M.-A. Veres, R. Potolea	A system for historical documents transcription based on hierarchical classification and dictionary matching, in KDIR 2012 - Proceedings of the International Conference on Knowledge Discovery and Information Retrieval, pp. 353-357, 2012.	Scopus	4	5
15	R. Potolea, C. Lemnaru	A comprehensive study of the effect of class imbalance on the performance of classifiers, in ICEIS 2011 - Proceedings of the 13th International Conference on Enterprise Information Systems, vol. 1 DISI, pp. 14-21, 2011.	Scopus	2	10
16	M.C. Feier, C. Lemnaru, R. Potolea	Solving NP-complete problems on the CUDA architecture using genetic algorithms, in Proceedings - 2011 10th International Symposium on Parallel and Distributed Computing, ISPC 2011,	Scopus	3	6,66666667
17	D.A. Andrada, C. Lemnaru, R. Potolea	The parallel classification of very large collections of data on multi-core platforms, in Proceedings - 2011 10th International Symposium on Parallel and Distributed Computing, ISPC 2011,	Scopus	3	6,66666667
18	C. Lemnaru, A.A. Firte, R. Potolea	Static and dynamic user type identification in adaptive e-learning with unsupervised methods, in Proceedings - 2011 IEEE 7th International Conference on Intelligent Computer Communication and Processing, ICCP 2011, pp. 11-18, 2011.	Scopus	3	6,66666667
19	R. Halalai, C. Lemnaru, R. Potolea	Distributed community detection in social networks with genetic algorithms, in Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10, pp. 35-41, 2010.	Scopus	3	6,66666667
20	B.-M. Nora, C. Lemnaru, R. Potolea	Semi-supervised learning with lexical knowledge for opinion mining, in Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10,	Scopus	3	6,66666667

21	L. Firte, C. Lemnaru, R. Potolea	Spam detection filter using KNN algorithm and resampling, in Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10, pp.	Scopus	3	6,666666667
22	F. Trif, C. Lemnaru, R. Potolea	Identifying the user typology for adaptive e-learning systems, in 2010 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2010 - Proceedings, vol. 3, pp. 192-197,	Scopus	3	6,666666667
23	Bratu Vidrighin, T. Muresan, R. Potolea	Improving classification performance on real data through imputation, in 2008 IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2008 - THETA 16th Edition - Proceedings, vol. 3, pp. 464-469, 2008.	Scopus	3	6,666666667

**Total punctaj A2.2.**

**133,3333333**

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

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	PhD Researcher grant, National Research grant funded by CNCIS – BD type, 2008-2010, no.348/2008	2008-2010	3	30
2	National	POSDRU PARTING - Post-doctoral fellowship via programme POSDRU/159/1.5/S/ 137516	2014-2015	1,5	15
3	National	Smart Bill Intelligence – inovare in gestiunea economico-financiara prin algoritmi de inteligenta artificiala, 7/25.05.2017, online id: 94. Axa Prioritară 2 "Tehnologia Informatiei si Comunicatiilor (TIC) pentru o economie digitală competitivă". Obiectiv specific 2.2. „Creșterea contribuției sectorului TIC pentru competitivitatea economică”. Acțiunea 2.2.1 „Sprijinirea creșterii valorii adăugate generate de sectorul TIC și a inovării în domeniu prin dezvoltarea de cluster”	2017-2019	0	0
4	International, cu tertii	Proiect de cercetare Electrolux AB - Recipe Importer	2021-2022	1	20
5	International, cu tertii	Proiect de cercetare Electrolux AB - Recipe Importer II	2022-2023	1	20

**Total punctaj A2.4.1**

**85**

proiect castigat, responsabil de proiect din partea UTCN; nu s-a semnat contractul de finantare din cauze independente de echipa UTCN

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

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	GridMOSI - Virtual Organization using Grid Technology for High Performance Modeling, Simulation and Optimization, National research grant funded by ANCS, CEEX, no. 95	2007-2008	2	4
2	National	IntelPRO - Intelligent System for Assisting the Therapeutic Decision for Patients with Prostate Cancer, National research grant funded by ANCS, CEEX - INFOSOC, (2005-2008), no.	2007-2008	2	4
3	National	SEArCH - Adaptive eLearning Systems using Concept Maps, National grant funded by CNMP Program 4: Research partnership for priority domains, (2008-2011), no. 12080/2008; <a href="http://search.utcluj.ro/">http://search.utcluj.ro/</a>	2008-2011	3	6

4	National	SWARA - Sistem Mobil de Asistare Vocala in Reintegrarea Persoanelor cu Afonii Chirurgicale, PN-II-PT-PCCA-2013-4-1660	2014-2016	3	6
5	National	VoITA - Sistem Informatic Integrat de Voice To Text Analytics, Cod SMIS: 156387, Proiect cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate	2023	1	2

**Total punctaj A2.4.1**

**22**

**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	C. Vidrighin Bratu, C. Savin, R. Potolea, "A Hybrid Algorithm for Medical Diagnosis". Proceedings of EUROCON 2007, 9-12 September, Warsaw, pp. 668-673 (2007)	Barros, R. C., Basgalupp, M. P., de Carvalho, A. C. P. L. F., Freitas, A. A., "A Survey of Evolutionary Algorithms for Decision-Tree Induction", in IEEE Transactions on Systems, Man, and Cybernetics, Part C: Applications and Reviews, vol. PP, issue 99, pp. 1-10 , 2012	3	2,666666667
2		Weiss, Yael, Yuval Elovici, and Lior Rokach. "The CASH algorithm-cost-sensitive attribute selection using histograms." Information Sciences 222 (2013): 247-268.	3	2,666666667
3		Jankowski, Dariusz, and Konrad Jackowski. "Evolutionary Algorithm for Decision Tree Induction." Computer Information Systems and Industrial Management. Springer Berlin Heidelberg, 2014. 23-32	3	2,666666667
4	C. Vidrighin, R. Potolea, I. Giurgiu, M. Cuiubus, "ProICET case study on prostate cancer data", Proceedings of the 12th International Symposium of Health Information Management Research, 2007, pp. 237-244. (2007)	Weiss, Y., Elovici, Y., Rokach, L., "The CASH algorithm-cost-sensitive attribute selection using histograms", Information Sciences, Available online 2 February 2011, ISSN 0020-0255, 10.1016/j.ins.2011.01.035	4	4

Q1

5	C. Vidrighin Bratu, T. Muresan and R. Potolea, "Improving Classification Accuracy through Feature Selection", Proceedings of the 4th IEEE International Conference on Intelligent Computer Communication and Processing, ICCP 2008, 28-30 August, pp. 25-32 (2008)	Paoin, Wansa. "Lessons learned from data mining of WHO mortality database." Methods of information in medicine 50.4 (2011): 380	3	2,666666667
6		Mgala, Mvurya, and Audrey Mbogho. "Selecting Relevant Features for Classifier Optimization." Advanced Machine Learning Technologies and Applications. Springer International Publishing, 2014. 211-222	3	2,666666667
7		Patel AK, Chatterjee S, Gorai AK. Development of a machine vision system using the support vector machine regression (SVR) algorithm for the online prediction of iron ore grades. Earth Science Informatics. 2019 Jun 1;12(2):197-210.	3	2,666666667
8	<b>Lemnaru Camelia,</b> Potolea Rodica, Imbalanced Classification Problems: Systematic Study, Issues and Best Practices, in Lecture Notes in Business Information Processing, Volume 102, 2012, pp 35-50	García, Vicente, et al. "Surrounding neighborhood-based SMOTE for learning from imbalanced data sets." Progress in Artificial Intelligence 1.4 (2012): 347-362. (Springer)	2	4
9		Peng, Jianlong, et al. "In silico site of metabolism prediction for human UGT-catalyzed reactions." Bioinformatics 30.3 (2014): 398-405	2	8
10		Almogahed, Bassam A., and Ioannis A. Kakadiaris. "NEATER: filtering of over-sampled data using non-cooperative game theory." Soft Computing 19.11 (2015): 3301-3322.	2	8
11		Roumani, Yazan F., et al. "Classifying readmissions to a cardiac intensive care unit." Annals of Operations Research(2016): 1-23.	2	8

Q1

Q2

Q2

12		Korfiatis, Vasileios Ch, Simone Tassani, and George K. Matsopoulos. "A new Ensemble Classification System for fracture zone prediction using imbalanced micro-CT bone morphometrical data." IEEE Journal of Biomedical and Health Informatics (2017).	2	4
13		Pouyanfar S, Chen SC, Shyu ML. Deep spatio-temporal representation learning for multi-class imbalanced data classification. In2018 IEEE International Conference on Information Reuse and Integration (IRI) 2018 Jul 6 (pp. 386-393). IEEE.	2	4
14		Periwal N, Rana K. An empirical comparison of models for dropout prophecy in MOOCs. In2017 International Conference on Computing, Communication and Automation (ICCCA) 2017 May 5 (pp. 906-911). IEEE.	2	4
15		Calefato F, Lanubile F, Novielli N. An empirical assessment of best-answer prediction models in technical Q&A sites. Empirical Software Engineering. 2019:1-48.	2	8
16		Škrabánek P, Majerík F. Reflecting on Imbalance Data Issue When Teaching Performance Measures. InComputer Science On-line Conference 2017 Apr 26 (pp. 33-42). Springer, Cham.	2	4
17		Baowaly MK, Tu YP, Chen KI. Predicting the helpfulness of game reviews: a case study on the Steam store. Journal of Intelligent & Fuzzy Systems. 2019(Preprint):1-2.	2	4
18	C. Vidrighin Bratu, T. Muresan and R. Potolea, "Improving Classification Performance on Real Data through Imputation", Proceedings of the 2008 IEEE International Conference on Automation, Quality and Testing, Robotics, 22-25 May, Cluj-Napoca, Romania, Vol. 3, pp. 464-469 (2008)	Gheyas, I.A., Smith, L.S., "A neural network-based framework for the reconstruction of incomplete datasets", Neurocomputing, Volume 73, Issues 16–18, October 2010, Pages 3039-3065, ISSN 0925-2312, 10.1016/j.neucom.2010.06.021	3	5,333333333
19		Li, Jinsong, et al. "Missing value estimation for database of aluminophosphate (AlPO) syntheses." Microporous and Mesoporous Materials 173 (2013): 197-206	3	2,666666667

Q1

20	Halalai, Raluca, <b>Camelia Lemnaru</b> , and Rodica Potolea. "Distributed community detection in social networks with genetic algorithms." Intelligent Computer Communication and Processing (ICCP), 2010 IEEE International Conference on. IEEE, 2010	Shang, Ronghua, et al. "Community detection based on modularity and an improved genetic algorithm." Physica A: Statistical Mechanics and its Applications 392.5 (2013): 1215-1231	3	5,333333333
21		Karimi-Majd, Amir-Mohsen, Mohammad Fathian, and Babak Amiri. "A hybrid artificial immune network for detecting communities in complex networks." Computing (2014): 1-25, Springer	3	5,333333333
22		Vermaas, Raymond, Damir Vandic, and Flavius Frasinca. "An Ontology-Based Approach for Product Entity Resolution on the Web." Web Information Systems Engineering–WISE 2014. Springer International Publishing, 2014. 534-543	3	2,666666667
23		Keyvanpour, MohammadReza, Mohammad Moradi, and Faranak Hasanzadeh. "Digital Forensics 2.0." Computational Intelligence in Digital Forensics: Forensic Investigation and Applications. Springer International Publishing, 2014. 17-46	3	2,666666667
24		Liu R, Liu J, He M. A multi-objective ant colony optimization with decomposition for community detection in complex networks. Transactions of the Institute of Measurement and Control. 2019 Jun;41(9):2521-34.	3	2,666666667
25		Azaouzi M, Rhouma D, Romdhane LB. Community detection in large-scale social networks: state-of-the-art and future directions. Social Network Analysis and Mining. 2019 Dec 1;9(1):23.	3	2,666666667

Q2

Q2



26	S. Cacoveanu, C. Vidrighin and R. Potolea, "Evolutional meta-learning framework for automatic classifier selection", Proceedings of the IEEE 5th International Conference on Intelligent Computer Communication and Processing, ICCP2009, 27-29 August, pp. 27-30 (2009)	Hilario,M., Nguyen, P., Do, H., Woznica, A. and Kalousis, A., "Ontology-Based Meta-Mining of Knowledge Discovery Workflows", Meta-Learning in Computational Intelligence, series Studies in Computational Intelligence, vol. 358, Springer, 2011, 273-315	3	2,666666667
27		Jovanović, Miloš, et al. "Evolutionary approach for automated component-based decision tree algorithm design." Intelligent Data Analysis 18.1 (2014): 63-77	3	2,666666667
28	Feier, Mihai Calin, <b>Camelia Lemnaru</b> , and Rodica Potolea. "Solving np-complete problems on the cuda architecture using genetic algorithms." Parallel and Distributed Computing (ISPD), 2011 10th International Symposium on. IEEE, 2011	Cai, P., Cai, Y., Chandrasekaran, I., & Zheng, J. (2015). A GPU-Enabled Parallel Genetic Algorithm for Path Planning of Robotic Operators. In GPU Computing and Applications (pp. 1-13) . Springer Singapore	3	2,666666667
29		Mihail-Bogdan, C. Ȃ. R. U. Ț. A. Ș. I. U., I. O. N. E. S. C. U. Constantin, and N. E. C. U. L. A. Horia. "The influence of Genetic Algorithm parameters over the efficiency of the energy consumption estimation in a low-energy building." Energy Procedia 85 (2016): 99-108.	3	2,666666667
30		Voßwinkel, Rick, and Hendrik Richter. "Calculating regions of stability with evolutionary algorithms using R-functions." Control Conference (ECC), 2015 European. IEEE, 2015.	3	2,666666667

31		Han Y, Wu W, Pu Y. Task Assignment of Peer Grading in MOOCs. In International Conference on Database Systems for Advanced Applications 2017 Mar 27 (pp. 352-363). Springer, Cham.	3	2,666666667
32		Radford D, Calvert D. A Comparative Analysis of the Performance of Scalable Parallel Patterns Applied to Genetic Algorithms and Configured for NVIDIA GPUs. Procedia computer science. 2017 Jan 1;114:65-72.	3	2,666666667
33	C. Vidrighin, R. Potolea, I. Giurgiu, M. Cuiubus, "ProCET case study on prostate cancer data", Proceedings of the 12th International Symposium of Health Information Management Research, 2007, pp. 237-244	Weiss, Yael, Yuval Elovi, and Lior Rokach. "The CASH algorithm-cost-sensitive attribute selection using histograms." Information Sciences 222 (2013): 247-268	4	2
34	C. Lemnaru, M. Cuiubus, A. Bona, A. Alic, R. Potolea, A distributed methodology for imbalanced classification problems, in Proceedings - 2012 11th International Symposium on Parallel and Distributed Computing, ISPDC 2012, pp. 164-171, 2012.	Dheepa, V., and R. Dhanapal. "Hybrid Approach for Improving Credit Card Fraud Detection Based on Collective Animal Behaviour and SVM." Security in Computing and Communications. Springer Berlin Heidelberg, 2013. 293-302	5	1,6
35		Landset S, Khoshgoftaar TM, Richter AN, Hasanin T. A survey of open source tools for machine learning with big data in the Hadoop ecosystem. Journal of Big Data. 2015 Dec;2(1):24.	5	1,6
36		Yan L, Luo Q, Deng X, Chen H, Ye Z. Distributed Hybrid Rice Algorithm Based on Hadoop. In 2018 13th International Conference on Computer Science & Education (ICCSE) 2018 Aug 8 (pp. 1-4). IEEE.	5	1,6

37	Potolea, R., Cacoveanu, S., Lemnaru, C., "Meta-learning Framework for Prediction Strategy Evaluation", Lecture Notes in Business Information Processing, 2011, Volume 73, Part 3, 280-295	Hashemi, Heidar, Awaluddin Mohamed Shaharoun, and Izman Sudin. "A case-based reasoning approach for design of machining fixture." The International Journal of Advanced Manufacturing Technology 74.1-4 (2014): 113-124	3	5,333333333	Q2
38	C. Vidrighin Bratu and R. Potolea, "ProICET: a cost-sensitive system for prostate cancer data", Health Informatics Journal, Dec 2008, vol. 14: pp. 297-307, ISSN: 1741-2811 (online); 1460-4582	Cangelosi, Davide, et al. "Use of Attribute Driven Incremental Discretization and Logic Learning Machine to build a prognostic classifier for neuroblastoma patients." BMC bioinformatics 15.Suppl 5 (2014): S4	2	8	
39		Engle K, Rada R. Knowledge-guided mutation in classification rules for autism treatment efficacy. Health informatics journal. 2017 Mar;23(1):56-68.	2	4	Q1
40		Gartner D. Machine Learning for Early DRG Classification. In Optimizing Hospital-wide Patient Scheduling 2014 (pp. 9-31). Springer, Cham.	2	4	
41	R.F. Muresan, C. Lemnaru, R. Potolea, "Evidence Combination for Baseline Accuracy Determination", Proceedings of the 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, pp. 11-18, 2010	Yao, J.; Azam, N., "Web-Based Medical Decision Support Systems for Three-Way Medical Decision Making With Game-Theoretic Rough Sets," Fuzzy Systems, IEEE Transactions on , vol.23, no.1, pp.3,15, Feb. 2015	3	2,666666667	

42	Firte, L., Lemnaru, C., Potolea, R., "Spam detection filter using KNN algorithm and resampling", Proceedings of the 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, pp.27-33, 2010	Jo T. Automatic text summarization using string vector based K nearest neighbor. Journal of Intelligent & Fuzzy Systems. 2018 Jan 1(Preprint):1-2.	3	2,666666667
43		Jo T. Text Categorization: Conceptual View. InText Mining 2019 (pp. 79-99). Springer, Cham.	3	2,666666667
44		Hu R, Yang Y. Spam Mail Filtering Method Based on Suffix Tree. In International Conference on Emerging Internetworking, Data & Web Technologies 2017 Jun 10 (pp. 436-447). Springer, Cham.	3	2,666666667
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Total punctaj A3.1.1.

185,3333333

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

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj
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1	C. Vidrighin Bratu, T. Muresan and R. Potolea, "Improving Classification Accuracy through Feature Selection", Proceedings of the 4th IEEE International Conference on Intelligent Computer Communication and Processing, ICCP 2008, 28-30 August, pp. 25-32 (2008)	Marcano-Cedeño, A., Quintanilla-Domínguez, J., Cortina-Januchs, M.G., Andina, D., " Feature selection using Sequential Forward Selection and classification applying Artificial Metaplasticity Neural Network" , Proceedings of IECON 2010 - 36th Annual Conference on IEEE Industrial Electronics Society, 2845 - 2850	3	1,333333333
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3		XIONG, Wen, and Yao-hong JIN. "Hybrid multi-selection based on swarm intelligence and decision tree." The Journal of China Universities of Posts and Telecommunications 19 (2012): 128-134	3	1,333333333
4		Paul, Amrita. Effect of imbalanced data on document classification algorithms. Dissertation Auckland University of Technology, 2014	3	1,333333333
5		Mgala, Mvurya, and Audrey Mbogho. "Data-driven intervention-level prediction modeling for academic performance." Proceedings of the Seventh International Conference on Information and Communication Technologies and Development. ACM, 2015.	3	1,333333333
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10	C. Lemnaru, Strategies for Dealing with Real-World Classification Problems, PhD Dissertation, Technical University of Cluj-Napoca, 2012	Tomar, Divya, and Sonali Agarwal. "A survey on pre-processing and post-processing techniques in data mining." International Journal of Database Theory & Application 7.4 (2014)	1	4
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12		Moore, L., C. Kambhampati, and John GF Cleland. "Classification of a real live heart failure clinical dataset-Is TAN Bayes better than other Bayes?." Systems, Man and Cybernetics (SMC), 2014 IEEE International Conference on. IEEE, 2014.	1	4
13		Osisanwo, F. Y., et al. "Supervised Machine Learning Algorithms: Classification and Comparison." International Journal of Computer Trends and Technology (IJCTT) 48.3 (2017): 128-138.	1	4
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**Total punctaj A3.1.2.**

**115,2666667**

**A3.3. Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice ISI**

Nr.	Nume jurnal	URL	Tip (ISI/BDI)	Punctaj
1	Intelligent Computer Communication and Processing 2009 - local organizing committee	<a href="http://www.cv.utcluj.ro/iccp2009/index.php/organizing-committee.html">http://www.cv.utcluj.ro/iccp2009/index.php/organizing-committee.html</a>	ISI	10
4	Intelligent Computer Communication and Processing 2018 - program committee	<a href="http://www.cv.utcluj.ro/iccp2009/index.php/organizing-committee.html">http://www.cv.utcluj.ro/iccp2009/index.php/organizing-committee.html</a>	ISI	10
5	Intelligent Computer Communication and Processing 2019 - program committee	<a href="http://www.cv.utcluj.ro/iccp2009/index.php/organizing-committee.html">http://www.cv.utcluj.ro/iccp2009/index.php/organizing-committee.html</a>	ISI	10

**Total punctaj A3.2**

**30**

**A3.3. Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice BDI**

Nr.	Nume jurnal	URL	Tip (ISI/BDI)	Punctaj
2	The Fifth International Conference on Mining Intelligence and Knowledge Exploration (MIKE 2017) - technical program committee	<a href="http://www.mike.org.in/2017/#l-start">http://www.mike.org.in/2017/#l-start</a>	BDI	6
3	The Sixth International Conference on Mining Intelligence and Knowledge Exploration (MIKE 2018) - technical program committee	<a href="http://www.mike.org.in/2018/">http://www.mike.org.in/2018/</a>	BDI	6

**Total punctaj A3.3**

12

Conf. dr. ing. Lemnaru Camelia

14.05.2024