AVIZ INDEPLINIRE STANDARDE MINIMALE

In urma analizei dosarului de concurs depus de candidatul POP CRISTINA BIANCA pentru postul **Conferentiar pozitia 35** din Statul de functii al Departamentului de CALCULATOARE.

Comisia de verificare apreciaza ca SUNT indeplinite standardele minimale pentru participarea la concurs.

Motivatie (*doar in cazul in care nu sunt indeplinite standardele minimale*)

Comisia de verificare

Fisa de verificare a standardelor minimale pentru gradul de conferentiar universitar stabilite prin OM nr. 6129/2016

Candidat S.L. Dr. Ing. Cristina Bianca Pop
Domeniul Calculatoare si Tehnologia Informatiei

Nr. C	Domeniul activ.			Subcategorii		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	6	38.75
				A1.1.2	nationale	50/nr autori	1	3.13
		Material didactic/lucrari didactice	Manuale didactice	A1.2.1		40/nr autori	1	13.33
						Total punctaj A(1)		**55.21**
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	39	334.43
		manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2		20 / nr. de autori	22	88.19
		Proprietate intelectiala, brevete de inventie, certificate ORDA		A2.3.1	Internationale	35 / nr. de autori	0	0.00
				A2.3.2	nationale	25 / nr. de autori	0	0.00
		Granturi/proiecte castigate prin competitie	Director / responsabil	A2.4.1.1	Internationale	20 * ani de desfasurare	0	0.00
				A2.4.1.2	nationale	10 * ani de desfasurare	1	20.00
			Membru in echipa	A2.4.2.1	Internationale	4 * ani de desfasurare	9	104.00
				A2.4.2.2	nationale	2 * ani de desfasurare	3	14.00
						Total punctaj A(2)		**560.62**
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	155	288.80
				A3.1.2	BDI	4 / nr aut art. citat	54	40.17
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI	Punctaj unic pentru fiecare activitate	A3.2		10	4	40.00
		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	12.00
		Premii in domeniu nationale sau internationale		A3.4		15	0	0.00
						Total punctaj A(3)		**380.97**

Conditii minimale Ai			
Nr.	**Domeniu de activitate (A)**	**Necesar Conferentiar**	**Realizat**
A1	**Activitatea didactica / profesionala (A1)**	**50**	**55.21**
A2	**Activitatea de cercetare (A2)**	**300**	**560.62**
A3	**Recunoasterea impactului activitatii (A3)**	**50**	**380.97**
Total (A)		**400**	**996.80**

Conditii minimale obligatorii pe subcategorii		**Necesar Conferentiar**	**Realizat**
A1.1.1.-A1.1.2	**Carti si capitole in carti de specialitate**	**1**	**7.00**
A2.1.	**Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings**	**6**	**39.00**
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**	**1.00**
A3.1.1-A3.1.2	**Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI**	**10**	**155.00**

	Factor de impact cumulat pentru publicatii	4	34.19
	Nr Minim Reviste ISI in zona Q1/Q2	1	6.00

Candidat

S.L. Dr. Ing. Cristina Bianca Pop

OBS

Capitolele de carte valoreaza 0.25 din punctajul unei carti, punctajul se dubleaza daca cartea se regaseste in cel putin 50 de biblioteci cf WorldCat

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	**C.B. Pop**, V. R. Chifu, N. Dragoi, I. Salomie, E.S. Chifu	Recommending Healthy Personalized Daily Menus—A Cuckoo Search-Based Hyper-Heuristic Approach. In: Dey, N., Ashour, A., Bhattacharyya, S. (eds) Applied Nature-Inspired Computing: Algorithms and Case Studies. Springer Tracts in Nature-Inspired Computing. Springer, Singapore. https://doi.org/10.1007/978-981-13-9263-4_3	Springer	2020	5
2	I. Salomie, V. R. Chifu, **C. B. Pop**	Hybridization of Cuckoo Search and Firefly Algorithms for Selecting the Optimal Solution in Semantic Web Service Composition. In: Yang, XS. (eds) Cuckoo Search and Firefly Algorithm. Studies in Computational Intelligence, vol 516. Springer, Cham. https://doi.org/10.1007/978-3-319-02141-6_11	Springer	2014	8.33
3	**C.B. Pop**, V. R. Chifu, I. Salomie, D. S. Racz, R. M. Bonta	Hybridization of the Flower Pollination Algorithm—A Case Study in the Problem of Generating Healthy Nutritional Meals for Older Adults. In: Patnaik, S., Yang, XS., Nakamatsu, K. (eds) Nature-Inspired Computing and Optimization. Modeling and Optimization in Science and Technologies, vol 10. Springer, Cham. https://doi.org/10.1007/978-3-319-50920-4_7	Springer	2017	5.00
4	**C.B.Pop**, V.R. Chifu, E. Dumea, I. Salomie	A Firefly Algorithm-Based Approach for Identifying Coalitions of Energy Providers that Best Satisfy the Energy Demand. In: Dey, N. (eds) Applications of Firefly Algorithm and its Variants. Springer Tracts in Nature-Inspired Computing. Springer, Singapore. https://doi.org/10.1007/978-981-15-0306-1_3	Springer	2019	6.25
5	C.B. Pop, V.R.Chifu	Personalizing the Patient Discharge Process and Follow-Up Using Machine Learning Algorithms, Assessment Questionnaires and Ontology Reasoning. In: Dey, N. (eds) Data-Driven Approach for Bio-medical and Healthcare. Data-Intensive Research. Springer, Singapore. https://doi.org/10.1007/978-981-19-5184-8_3	Springer	2022	12.50
6	Salvatore Vitabile, Michal Marks, Dragan Stojanovic, Sabri Pllana, Jose M. Molina, Mateusz Krzyszton, Andrzej Sikora, Andrzej Jarynowski, Farhoud Hosseinpour, Agnieszka Jakobik, Aleksandra Stojnev Ilic, Ana Respicio, Dorin Moldovan, **Cristina Bianca Pop** & Ioan Salomie	Medical Data Processing and Analysis for Remote Health and Activities Monitoring. In: Kołodziej, J., González-Vélez, H. (eds) High-Performance Modelling and Simulation for Big Data Applications. Lecture Notes in Computer Science(), vol 11400. Springer, Cham. https://doi.org/10.1007/978-3-030-16272-6_7	Springer	2019	1.67
7	I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suciu	Rule-based Knowledge Acquisition from Historical Documents, Militon Frentiu, Horia F. Pop (Eds.):Kept 2009 Knowledge Engineering Principles and Techniques - Selected Papers, Presa Universitara Clujeana, ISSN: 2067-1180, pp. 143-150	Presa Universitara Clujeana	2009	3.13
					41.88

A1.2.1. Materiale didactice

1	V.R. Chifu, **C.B. Pop**, I. Salomie	Bio-inspired Methods for Business Process Mining and Optimization, ISBN: 978-3-659-68458-6.	LAP Lambert Academic Publishing	2015	13.33333333

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	Anghel, I.; Cioara, T.; Moldovan, D.; Antal, M.; Pop, C.D.; Salomie, I.; **Pop, C.B.**; Chifu, V.R.	Smart Environments and Social Robots for Age-Friendly Integrated Care Services. International Journal of Environmental Research and Public Health. 2020; 17(11):3801. https://doi.org/10.3390/ijerph17113801	4.614	8	20.43	Q1
2	**C. B. Pop**, T. Cioara, I. Anghel, M. Antal, V. R. Chifu, C. Antal, I. Salomie	Review of bio-inspired optimization applications in renewable-powered smart grids: Emerging population-based metaheuristics, Energy Reports, Volume 8, 2022, Pages 11769-11798, ISSN 2352-4847, https://doi.org/10.1016/j.egyr.2022.09.025.	4.937	7	24.73	Q2
3	V. Chifu, **C.B.Pop**, D. Demjen, R. Socaci, D. Todea, M. Antal, T. Cioara, I. Anghel, C. Antal	Identifying and Monitoring the Daily Routine of Seniors Living at Home. Sensors. 2022; 22(3):992. https://doi.org/10.3390/s22030992	3.847	9	15.60	Q2
4	V.R.Chifu, C.B. Pop, A. M. Rancea, A. Morar, T. Cioara, M. Antal, I. Anghel	Deep Learning, Mining, and Collaborative Clustering to Identify Flexible Daily Activities Patterns. Sensors. 2022; 22(13):4803. https://doi.org/10.3390/s22134803	3.847	7	20.06	Q2
5	V. R. Chifu, T. Cioara, **C. B. Pop**, I. Anghel, D. Demjen, I. Salomie	Identification of Daily Living Recurrent Behavioral Patterns Using Genetic Algorithms for Elderly Care. Applied Sciences. 2022; 12(21):11030. https://doi.org/10.3390/app122111030	2.838	6	18.36	Q2
6	V. R. Chifu, **C. B. Pop**, I. Salomie, E. St. Chifu	Hybrid Honey Bees Mating Optimization Algorithm for Identifying the Near-Optimal Solution in Web Service Composition, Computing and Informatics 36(5): 1143-1172, 2017	0.455	4	9.66	Q4
7	V. R. Chifu, I. Salomie, **C. B. Pop**, A. Niculici, S. Sula	Exploring the Selection of the Optimal Web Service Composition through Ant Colony Optimization, Computing and Informatics Journal, vol. 33, issue 5, 2015	0.455	5	7.73	Q4
8	V. R. Chifu, **C. B. Pop**, I. Salomie, D. S. Sula, A. Niculici, A. Negrean, H. Jeflea	Optimising the Semantic Web Service Composition Process Using Bio-inspired Methods, International Journal of Bio-Inspired Computation, vol. 5, no. 4, pp. 226-238, 2013. 10.1504/IJBIC.2013.055451	3.295	7	17.69	Q2
9	**C. B. Pop**, V. R. Chifu, I. Salomie, M. Dinsoreanu, T. David, V. Acretoaie, A. Nagy, C. Oprisa	Biologically-inspired Clustering of Semantic Web Services. Birds or Ants Intelligence? Concurrency and Computation: Practice & Experience Journal, Special Issue on Intelligent Distributed Computing, vol. 24, no. 6, pp. 619–633, 2012. 10.1002/cpe.1853	1.831	8	9.99	Q3
10	I. Salomie, M. Dinsoreanu, **C. B. Pop**, S. L. Suciu	Knowledge Acquisition from Historical Documents for Preserving Transylvanian Cultural Heritage, Advances in Electrical and Computer Engineering Journal, vol. 9, issue 2, pp. 16 - 22, 2009, 10.4316/aece.2009.02003	0.825	4	12.44	Q4
11	V.R. Chifu, E.S. Chifu, **C.B. Pop**, I. Salomie, M. Lupu	Evolutionary-based method for risk stratification of diabetic patients, INTERNATIONAL JOURNAL OF INTELLIGENT ENGINEERING INFORMATICS, Volume 7, Issue 1, pp. 37-60, 2019, 10.1504/IJIEI.2019.097549	0.25	5	6.50	
12	Dorin Moldovan, Ionut Anghel, Tudor Cioara, Ioan Salomie, Viorica Chifu, and **Cristina Blanca Pop**	Kangaroo Mob Heuristic for Optimizing Features Selection in Learning the Daily Living Activities of People with Alzheimer's, INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE (CSCS), pp. 236-243, 2019, 10.1109/CSCS.2019.00046	0.25	6	5.42	
13	Chifu, V., Pop, C., Cioara, T., Anghel, I., Moldovan, D., Salomie, I.	Identifying the Polypharmacy Side-Effects in Daily Life Activities of Elders with Dementia. In: Del Ser, J., Osaba, E., Bilbao, M., Sanchez-Medina, J., Vecchio, M., Yang, XS. (eds) Intelligent Distributed Computing XII. IDC 2018. Studies in Computational Intelligence, vol 798. Springer, Cham., 2018 https://doi.org/10.1007/978-3-319-99626-4_33	0.25	6	5.42	
14	Dorin Moldovan, Adrian Olosutean, Viorica Chifu, **Cristina Blanca Pop**, Tudor Cioara, Ionut Anghel, Ioan Salomie	"Big Data Analytics for the Daily Living Activities of the People with Dementia," 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, 2018, pp. 175-181, doi: 10.1109/ICCP.2018.8516595	0.25	7	4.64	
15	V. R. Chifu, **C. B. Pop**, A. Birladeanu, N. Dragoi, I. Salomie	Choice Function-based Constructive Hyper-Heuristic for Generating Personalized Healthy Menu Recommendations", 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, pp. 111-118, 2018	0.25	5	6.50	

16	E. St. Chifu, V. R. Chifu, **C. B. Pop**, A. Vlad, I. Salomie	Machine Learning Based Technique for Detecting Daily Routine and Deviations", 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, pp.183-189, 2018	0.25	5	6.50
17	Dorin Moldovan, Viorica Chifu, **Cristina Bianca Pop**, Tudor Cioara, Ionut Anghel, Ioan Salomie	"Chicken Swarm Optimization and Deep Learning for Manufacturing Processes," 2018 17th RoEduNet Conference: Networking in Education and Research (RoEduNet), Cluj-Napoca, Romania, 2018, pp. 1-6, doi: 10.1109/ROEDUNET.2018.8514152.	0.25	6	5.42
18	V. R. Chifu, E. St. Chifu, **C. B. Pop**, I. Salomie, M. Lupu	Bio-Inspired Method for Generating Healthly Meals for Seniors", International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Timisoara, Romania, 2017, pp. 426-433, 10.1109/SYNASC.2017.00077	0.25	5	6.50
19	V. R. Chifu, E. St. Chifu, **C. B. Pop**, I. Salomie, A. Niculici	"Optimizing the Generation of Personalized Healthy Menus for Elderly People Using a Crab Breeding Inspired Method", 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 155 - 162	0.25	5	6.50
20	**C. B. Pop**, V. R. Chifu, I. Salomie, A. Cozac, M. Antal, C. D. Pop	Optimizing the Data Center Energy Consumption using a Particle Swarm Optimization-based Approach, Economics of Grids, Clouds, Systems, and Services, Volume 9512 of the series Lecture Notes in Computer Science pp 176-189, 2016.	0.25	6	5.42
21	V. R. Chifu, I. Salomie, E.St. Chifu, **C.B. Pop**, D. Valea, M. Lupu, M. Antal	Hybrid invasive weed optimization method for generating healthy meals, In V.E. Balas, L.C. Jain, B. Kovačević (eds.), Soft Computing Applications (SOFA), Series: Advances in Intelligent Systems and Computing, vol. 356, Springer, 2016, pp. 335-351	0.25	7	4.64
22	**C. B. Pop**, V. R. Chifu, I. Salomie, C. Prigoana, T. Boros, D. Moldovan	Generating Healthy Menus for Older Adults using a Hybrid Honey Bees Mating Optimization Approach, SYNASC 2015 - Workshop of Natural Computing and Applications, Timisoara, Romania, 2015	0.25	6	5.42
23	V. R. Chifu, I. Salomie, E. Șt. Chifu, **C. B. Pop**, P. Poruțiu, M. Antal	Jigsaw Inspired Metaheuristic for Selecting the Optimal Solution in Web Service Composition. In: Balas, V., C. Jain, L., Kovačević, B. (eds) Soft Computing Applications. SOFA 2014. Advances in Intelligent Systems and Computing, vol 356. Springer, Cham. https://doi.org/10.1007/978-3-319-18296-4_45	0.25	6	5.42
24	V. R. Chifu, **C. B. Pop**, I. Salomie, E. St. Chifu, V. Rad, M. Antal	Hybrid Cuckoo Search-based Algorithms for Business Process Mining, Intelligent Systems' 2014 Advances in Intelligent Systems and Computing, vol. 322, pp. 487-498, 2015, 10.1007/978-3-319-11313-5_43	0.25	6	5.42
25	**C. B. Pop**, V. R. Chifu, I. Salomie, A. Stetco, R. Plalan	Lifestyle Recommendation System for Treating Malnutrition, Intelligent Distributed Computing VIII Studies in Computational Intelligence, vol. 570, pp. 41-46, 2015	0.25	5	6.50
26	V. R. Chifu, I. Salomie, E.Șt. Chifu, I. Balla, **C. B. Pop**, M. Antal,	Cuckoo Search Algorithm for Clustering Food Offers, IEEE 10th International Conference on Intelligent Computer Communication and Processing, pp. 17 – 22, Cluj-Napoca, România, 2014	0.25	6	5.42
27	I. Anghel, **C.B. Pop**, T. Cioara, I. Salomie, I. Vartic	A Swarm-inspired technique for self-organizing and consolidating data centre servers, in Scalable Computing: Practice and Experience, vol. 14, no. 2, pp. 69-82, 2013.	0.25	5	6.50
28	I. Salomie, M. Dinsoreanu, **C. B. Pop**, R. Lar	Knowledge Acquisition and Processing System for Romanian Historical Documents, The 12th IEEE International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 194 - 201. Timisoara, Romania, 2010, 10.1109/SYNASC.2010.68	0.25	4	8.13
29	**C. B. Pop**, V. R. Chifu, I. Salomie, R. B. Baico, M. Dinsoreanu, G. Copil,	A Hybrid Firefly-Inspired Approach for Optimal Semantic Web Service Composition, Scalable Computing: Practice and Experience Journal, vol.12, issue3, pp. 363–369, 2011.	0.25	6	5.42
30	**C. B. Pop**, V. R. Chifu, I. Salomie, M. Dinsoreanu, T. David, V. Acretoaie	Ant-Inspired Framework for Automatic Web Service Composition, Scalable Computing: Practice and Experience, vol. 12, issue 1, pp. 37–150, 2011	0.25	6	5.42
31	V. R. Chifu, C. B. Pop, I. Salomie, S. Suia, A. Niculici	Optimizing the Semantic Web Service Composition Process using Cuckoo Search, Intelligent Distributed Computing V, Studies in Computational Intelligence, vol. 382, pp. 93-102, 2012	0.25	5	6.50
32	C. B. Pop, V. R. Chifu, I. Salomie, M. Dinșoreanu, T. David, V. Acreţoaie	Ant-inspired Technique for Automatic Web Service Composition and Selection, 1st Workshop on Software Services, The 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 449 – 455, Timisoara, Romania, 2010	0.25	6	5.42
33	V. R. Chifu, C. B. Pop, I. Salomie, M. Dinșoreanu, V. Acreţoaie, T. David	An Ant-inspired Approach for Semantic Web Service Clustering, The 9th Roedunet International Conference, pp. 145-150, Sibiu, Romania, 2010.	0.25	6	5.42

34	I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suciu	ArhiNet - A Knowledge-based System for Creating, Processing and Retrieving Archival eContent. Jose Cordeiro, Joaquim Filipe (Eds.):Web Information Systems and Technologies, 5th International Conference, WEBIST 2009, Lisbon, Portugal, March 23-26, 2009, Revised Selected Papers, Lecture Notes in Business Information Processing, vol. 45, pp. 99-112, 2010	0.25	4	8.13
35	C. B. Pop, V. R. Chifu, I. Salomie, M. Dinşoreanu	Immune-inspired Method for Selecting the Optimal Solution in Web Service Composition, Resource Discovery Lecture Notes in Computer Science, vol. 6162, pp. 1-17, 2010	0.25	4	8.13
36	C. B. Pop, V. R. Chifu, I. Salomie, M. Dinşoreanu, V. Acreţoaie, T. David	Semantic Web Service Clustering for Efficient Discovery Using an Ant-based Method, Intelligent Distributed Computing IV, Studies in Computational Intelligence, vol. 315, pp. 23-33, 2010.	0.25	6	5.42
37	C. B. Pop, V. R. Chifu, I. Salomie, M. Dinşoreanu, I. Vartic, M. Vlad	Immune-inspired Web Service Composition Framework, The 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 376-383, Timisoara, Romania, 2009	0.25	6	5.42
38	C. B. Pop, V. R. Chifu, I. Salomie, M. Dinşoreanu,	Optimal Web Service Composition Method Based on an Enhanced Planning Graph and Using an Immune-inspired Algorithm, The 5th IEEE International Conference on Intelligent Computer Communication and Processing, pp. 291-298, Cluj-Napoca, Romania, 2009	0.25	4	8.13
39	I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suciu	Logistic chain generation with traceability features using web services composition, International Conference on Automation, Quality and Testing, Robotics, vol. 1, pp. 393-397, Cluj-Napoca, Romania 2008	0.25	4	8.13
		Factor impact cumulat	**34.194**		**334.43**
		Total punctaj A2.1.			

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	Viorica Rozina Chifu;**Cristina Bianca Pop**;Andrei Ciurlanu;Emil St. Chifu;Marcel Antal	"Machine Learning-based Approach for Predicting Health Information Using Smartwatch Data," 2021 IEEE 17th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2021, pp. 391-397, doi: 10.1109/ICCP53602.2021.9733559.	IEEE	5	4.00
2	Cristina Bianca Pop;Viorica Rozina Chifu;Corina Cordea;Emil Stefan Chifu;Octav Barsan	"Forecasting the Short-Term Energy Consumption Using Random Forests and Gradient Boosting," 2021 20th RoEduNet Conference: Networking in Education and Research (RoEduNet), Iasi, Romania, 2021, pp. 1-6, doi: 10.1109/RoEduNet54112.2021.9638276.	IEEE	5	4.00
3	Viorica Rozina Chifu;Cristina Bianca Pop;Emil St. Chifu;Horatiu Barleanu	"Deep Learning for Forecasting the Energy Consumption in Public Buildings," 2021 20th RoEduNet Conference: Networking in Education and Research (RoEduNet), Iasi, Romania, 2021, pp. 1-6, doi: 10.1109/RoEduNet54112.2021.9638281.	IEEE	4	5.00
4	C. B. Pop, V. R. Chifu, I. Salomie, A. Cozac, I. Mesaros,	"Particle Swarm Optimization-based method for generating healthy lifestyle recommendations," 2013 IEEE 9th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2013, pp. 15-21, doi: 10.1109/ICCP.2013.6646074.	IEEE	5	4.00
5	V. R. Chifu, C. B. Pop, I. Salomie, I. Balla, R. Paven	"Hybrid Particle Swarm Optimization method for process mining," 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, 2012, pp. 273-279, doi: 10.1109/ICCP.2012.6356199.	IEEE	5	4.00
6	I. Salomie, V. R. Chifu, C. B. Pop, R. Suciu	"Firefly-based business process optimization," 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, 2012, pp. 49-56, doi: 10.1109/ICCP.2012.6356160.	IEEE	4	5.00
7	C. B. Pop, V. R. Chifu, I. Salomie, T. Kovacs, A. Niculici, S. Suia	"Business process optimization using bio-inspired methods — Ants or bees intelligence?," 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, 2012, pp. 65-71, doi: 10.1109/ICCP.2012.6356162.	IEEE	6	3.33
8	C. B. Pop, V. R. Chifu, I. Salomie, A. Negrean, H. Jeflea	"Hybrid genetic algorithm for selecting the optimal or near-optimal solution in semantic Web service composition," 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, 2012, pp. 57-64, doi: 10.1109/ICCP.2012.6356161.	IEEE	5	4.00
9	C. B. Pop, M. Vlad, V. R. Chifu, I. Salomie, M. Dinsoreanu	"A Tabu Search Optimization Approach for Semantic Web Service Composition," 2011 10th International Symposium on Parallel and Distributed Computing, Cluj-Napoca, Romania, 2011, pp. 274-277, doi: 10.1109/ISPDC.2011.49.	IEEE	5	4.00

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12	C. B. Pop, V. R. Chifu, I. Salomie, M. Vlad,	"Cuckoo-inspired hybrid algorithm for selecting the optimal Web service composition," 2011 IEEE 7th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, 2011, pp. 33-40, doi: 10.1109/ICCP.2011.6047841.	IEEE	4	5.00
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14	V. R. Chifu, C. B. Pop, I. Salomie, M. Dinşoreanu, A. Köver, R. Vachter,	"Web service composition technique based on a service graph and particle swarm optimization," Proceedings of the 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, 2010, pp. 265-272, doi: 10.1109/ICCP.2010.5606427.	IEEE	6	3.33
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16	V. R. Chifu, C. B. Pop, I. Salomie, M. Dinsoreanu, A. Niculici, D. Suia	Bio-inspired Methods for Selecting the Optimal Web Service Composition – Bees or Cuckoos Intelligence? The International Journal of Business Intelligence and Data Mining, vol.6, issue 4, pp. 321 – 344, 2011	ACM	6	3.33
17	V. R. Chifu, C. B. Pop, I. Salomie, M. Dinşoreanu, A. Niculici, and S. Suia	Selecting the Optimal Web Service Composition based on a Multi-Criteria Bee-inspired Method, 12th International Conference on Information Integration and Web-based Applications & Services, pp. 40-47, Paris, France, 2010	ACM	6	3.33
18	D. Moldovan, I. Anghel, T. Cioara, C. B. Pop, V. Chifu, I. Salomie	Binary Cat Swarm Optimization Feature Selection and Machine Learning Based Ensemble for the Classification of the Daily Living Activities of the Elders. In: Vlad, S., Roman, N.M. (eds) 7th International Conference on Advancements of Medicine and Health Care through Technology. MEDITECH 2020. IFMBE Proceedings, vol 88. Springer, Cham. https://doi.org/10.1007/978-3-030-93564-1_21	SpringerLink	6	3.33
19	C. Maghiar, V. Chifu, C. B. Pop, E. S. Chifu,	Brain Tumors Detection Using Convolutional Neural Networks. In: Vlad, S., Roman, N.M. (eds) 7th International Conference on Advancements of Medicine and Health Care through Technology. MEDITECH 2020. IFMBE Proceedings, vol 88. Springer, Cham. https://doi.org/10.1007/978-3-030-93564-1_24	SpringerLink	4	5.00
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21	A. Deme, V. R. Chifu, C. B. Pop, Emil St. Chifu, I. Salomie	Diabetes risk stratification method based on fuzzy logic and bio-inspired meta-heuristics. Int. J. Comput. Intell. Stud. 8(3): 223-244, 2019.	DBLP	5	4.00
22	I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suciu	Model and SOA Solutions for Traceability in Logistic Chains, The 10th International Conference on Information Integration and Web-based Applications & Services, pp. 339-344, Linz, Austria, 2008	ACM	4	5.00
		Total punctaj A2.2.			**88.19**

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

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	Solutie inovativa pentru cladiri inteligente, integrate eficient cu sistemul energetic (SMARTBUILDINGS), Proiect cu terti TVA 3998/09.02.2023, **55.000 lei, DIRECTOR DE PROIECT**	2023-2025	**2**	**20**
2	International	engAGE - Managing cognitivE decIiNe throuGh theatre therapy, Artificial intelliGence and social robots drivEn interventions (2021-2024), Cod AAL264/2021, Active and Assisted Living Programme, **RESPONSABIL STIINTIFIC AL CONSORTIULUI**	2021-2024	2.5	0

3	National	Servicii inteligente pentru generarea de diete personalizate utilizand hiper-euristici, CONTRACT DE FINANTARE 1997/12.07.2017, **20.000 lei**, https://research.utcluj.ro/index.php/lansare-competitii-interne.html?file=tl_files/research/Lansare%20competitii/Competitie%20interna%20CICDI-2017/Rezultate%20finale%20CICDI2017.pdf	2017-2018	1	0
		Total punctaj A2.4.1			**20**

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

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	International	H2HCARE - Social robot-based solution for elders' Care management and coaching after discharge from Hospital to Home (2020-2023), Cod AAL159/2020, Active and Assisted Living Programme. Buget proiect UTCN: 1,799,087.00 lei.	2020-2023	3	12
2	International	Remember-ME - Smart assistant to prevent and detect cognitive decline, promote cognitive function and social inclusion among older adults (2020-2023), Cod AAL162/2020, Active and Assisted Living Programme. Buget proiect UTCN: 1,003,889.00 lei.	2020-2023	3	12
3	International	ReMIND - Robotic ePartner for Multitarget INnovative activation of people with Dementia (2018-2022), AAL59/2018, Active and Assisted Living Programme. Buget proiect UTCN: 984,378.00 lei. MEMBRU AL ECHIPEI	2018-2022	3	12
4	International	MedGUIDE - ICT Integrated System for Coordinated Polypharmacy Management in Elders with Dementia (2017-2019), AAL44/2017, Active and Assisted Living Programme. Buget proiect UTCN: 896,402.00 lei	2017-2019	2.5	10
5	International	DIET4Elders - Dynamic Nutrition Behaviour Awareness System for the Elders, FP7 Active Assisted Living Joint Programme 5 2012.	2013-2016	3	12
6	National	ECO2CLOUD - Technologies for efficient management and scheduling of cloud resources in cloud for reducing Alpis data centre energy consumption (2016-2018), PN-III-P2-2.1-BG-2016-36, Buget UTCN 2018: 172.500 Lei.	2016-2018	2	4
7	National	OPTIPLAN - Technologies for Digitalization, Analysis and Optimization of Manufacturing of Flow Regulators and Monitors at Emerson Factory, PN-III-P2-2.1-BG-2016-3 (2016-2018). Buget UTCN 2018: 172.500 Lei.	2016-2018	2	4
8	International	BRIGHT - Boosting DR through increased community-level consumer engaGement by combining Data-driven and blockcHain technology Tools with social science approaches and multi-value service design (2020-2023), Cod 957816/2020, H2020 LC-SC3-EC-3-2020. Buget 184,275.00 lei.	2020-2023	3	12
9	International	CATALYST - Converting DCs in Energy Flexibility Ecosystems (2017-2020), Cod 768739/2017, H2020-EE-2016-2017. Buget UTCN: 1,224,116.50 lei.	2017-2020	3	12
10	International	eDREAM - enabling new Demand REsponse Advanced, Market oriented and Secure technologies, solutions and business models (2018-2021), Cod 774478/2018. Buget UTCN: 1,794,000.00 lei	2018-2021	3	12
11	International	GAMES - Green Active Management of Energy in IT Service centres. FP7-ICT-2009-6.3: ICT for Energy efficiency.	2010-2012	2.5	10
12	National	ARHINET - Sistem integrat de dezvoltare de continut arhivistic adnotat semantic, Proiect de cercetare 11-051/2007 CNMP, Program 4.	2007-2010	3	6
		Total punctaj A2.4.1			**118**

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	Anghel, I.; Cioara, T.; Moldovan, D.; Antal, M.; Pop, C.D.; Salomie, I.; **Pop, C.B.**; Chifu, V.R. Smart Environments and Social Robots for Age-Friendly Integrated Care Services. Int. J. Environ. Res. Public Health 2020, 17, 3801	The AMIRO Social Robotics Framework: Deployment and Evaluation on the Pepper Robot, By: Ghita, Alexandra Stefania; Gavril, Alexandru Florin; Nan, Mihai; et al. SENSORS Volume: 20 Issue: 24 Article Number: 7271 Published: DEC 2020	8	2.00
2		A. A. Ravankar, S. A. Tafrishi, J. V. Salazar Luces, F. Seto and Y. Hirata, "CARE: Cooperation of ai Robot Enablers to Create a Vibrant Society," in IEEE Robotics & Automation Magazine, vol. 30, no. 1, pp. 8-23, March 2023, doi: 10.1109/MRA.2022.3223256.	8	2.00

3		Pavón-Pulido, N.; Blasco-García, J.D.; López-Riquelme, J.A.; Feliu-Batlle, J.; Oterino-Bono, R.; Herrero, M.T. JUNO Project: Deployment and Validation of a Low-Cost Cloud-Based Robotic Platform for Reliable Smart Navigation and Natural Interaction with Humans in an Elderly Institution. Sensors 2023, 23, 483. https://doi.org/10.3390/s23010483	8	2.00
4		Barber, R.; Ortiz, F.J.; Garrido, S.; Calatrava-Nicolás, F.M.; Mora, A.; Prados, A.; Vera-Repullo, J.A.; Roca-González, J., Méndez, I.; Mozos, O.M. A Multirobot System in an Assisted Home Environment to Support the Elderly In Their Daily Lives. Sensors 2022, 22, 7983. https://doi.org/10.3390/s22207983	8	2.00
5		Kumagai K, Tokunaga S, Miyake NP, Tamura K, Mizuuchi I, Otake-Matsuura M. Scenario-based dialogue system based on pause detection toward daily health monitoring. J Rehabil Assist Technol Eng. 2022 Oct 13;9:20556683221133367. doi: 10.1177/20556683221133367. PMID: 36267900; PMCID: PMC9578174.	8	2.00
6		Shan Hu, Qi Jia, Linlin Dong, Jialin Han, Min Guo and Weiqi Guo, An evaluation method for product design solutions for healthy aging companionship, Frontiers in Public Health, Volume 10, Article Number 919300, 2022, DOI10.3389/fpubh.2022.919300	8	2.00
7		Leifen Shen et al., Discuss the Application of Data Services in Data Health Management of High-Risk Pregnant and Lying-In Women in Smart Medical Care, Scanning, Volume 2022, Article Number 5957697, 2022, DOI10.1155/2022/5957697.	8	1.00
8		GP Soriano, et al., Robots and Robotics in Nursing, Healthcare, Volume 10, Issue 8, Article Number 1571, 2022, DOI10.3390/healthcare10081571	8	2.00
9		CM Timon, et al., Development of an Internet of Things Technology Platform (the NEX System) to Support Older Adults to Live Independently: Protocol for a Development and Usability Study, JMIR Research Protocols, Volume 11, Issue 5, Article Number e35277, 2022, 10.2196/35277	8	1.00
10		F. Liang, R. Hernandez, WH Sheng, A Collaborative Elderly Care System using a Companion Robot and a Wearable Device, 2022 IEEE 17TH CONFERENCE ON INDUSTRIAL ELECTRONICS AND APPLICATIONS (ICIEA), pages: 985-990, 2022, 10.1109/ICIEA54703.2022.10006257	8	1.00
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21		A. Hernandez, et al., Evaluating Human Activity and Usage Patterns of Appliances with Smart Meters, 2022 IEEE INTERNATIONAL SYMPOSIUM ON MEDICAL MEASUREMENTS AND APPLICATIONS (MEMEA 2022), DOI10.1109/MEMEA54994.2022.9856538, 2022	9	0.89
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		Total punctaj A3.1.1.		**288.80**

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
1	C.B. Pop, I. Anghel, T. Cioara, I. Salomie, I. Vartic A swarm-inspired data center consolidation methodology, in ACM International Conference Proceedings of the 2nd International Conference on Web Intelligence, Mining and Semantics, 2012.	Carlos de Alfonso, Ignacio Blanquer, Germán Moltó, and Miguel Caballer. 2017. Automatic Consolidation of Virtual Machines in On-Premises Cloud Platforms. In Proceedings of the 17th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGrid '17). IEEE Press, Piscataway, NJ, USA, 1070-1079. DOI: https://doi.org/10.1109/CCGRID.2017.128	5	0.8
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5		Nisha Chaurasia, Shashikala Tapaswi, Joydip Dhar; A Resource Efficient Expectation Maximization Clustering Approach for Cloud. Comput J 2017 1-10. doi: 10.1093/comjnl/bxx043	5	0.80
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		Total punctaj A3.1.2.		**40.17**

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

	Nume manifestare	URL	Tip (ISI/BDI)	Punctaj
1	intelligent distributed computing symposium IDC'22 - PC Member	https://www.idc2022.de/#!/organisation	BDI	6

2	14th International Symposium on Intelligent Distributed Computing, IDC 2021 - PC Member	http://www.idc2021.unirc.it/pc.html	BDI	6
3	Applied Sciences - Reviewer	https://www.mdpi.com/2076-3417/13/3/1425	ISI	10
4	Sensors - Reviewer	https://www.mdpi.com/1424-8220/23/3/1179	ISI	10
5	Robotics - Reviewer	https://www.mdpi.com/2218-6581/12/1/14	ISI	10
6	Special Issue "Bio-Inspired Computing and Its Applications", Applied Sciences Journal - Guest Editor	https://www.mdpi.com/journal/applsci/special_issues/Bio_Inspired_Computing_Applications	ISI	10

Premii in domeniu nationale sau internationale

	Nume	URL	An	Punctaj