



AVIZ INDEPLINIRE STANDARDE MINIMALE

In urma analizei dosarului de concurs depus de candidatul CIOARA TUDOR
pentru postul **Profesor 15** din Statul de functii al Departamentului de CALCULATOARE.

Comisia de verificare apreciaza ca ~~SUNT/NU SUNT~~ indeplinite standardele minime pentru
participarea la concurs.

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

Comisia de verificare

Prof.dr.ing. Mihaela Dinsoreanu

Prof.dr.ing. Eva Dulf

Conf.dr.mat. Daniela Inoan

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

Candidat Conf. Dr. Ing. Tudor Cloara
 Domeniul Calculatoare si Tehnologia Informatiei

Nr. C.	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	5	27.08
		Material didactic/lucrari didactice	Manuale didactice	A1.1.2. nationale	50/nr autori	5	82.50
				A1.2.1	40/nr autori	1	5.00
Total punctaj A(1)							114.58
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	59	573.54
		manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2	20 / nr. de autori	22	80.24
		Proprietate intelectuala, brevete de inventie, certificate ORDA	Director / responsabil	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	Membru in echipa	A2.4.1.1. Internationale	20 * ani de desfasurare	7	430.00
				A2.4.1.2. nationale	10 * ani de desfasurare	2	50.00
		A2.4.2.1. Internationale	4 * ani de desfasurare	7	68.00		
		A2.4.2.2. nationale	2 * ani de desfasurare	5	25.00		
Total punctaj A(2)							1226.78
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	133	263.97
				A3.1.2. BDI	4 / nr aut art. citat	77	55.02
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI	Punctaj unic pentru fiecare activitate	A3.2	10	15	150.00
		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	3	18.00
		Premii in domeniu nationale sau internationale		A3.4	15	0	0.00
Total punctaj A(3)							486.99

Conditii minimele A1			
Nr.	Domeniu de activitate (A)	Necesar Profesor	Realizat
A1	Activitatea didactica / profesionala (A1)	100	114.58
A2	Activitatea de cercetare (A2)	600	1226.78
A3	Recunoasterea impactului activitatii (A3)	150	486.99
Total (A)		850	1828.35

Conditii minime obligatorii pe subcategoriile			
		Necesar Profesor	Realizat
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	1	11.00
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	15	59.00
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	2	9.00
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI	25	133.00
	Factor de impact cumulat pentru publicatii	10	67.57
	Nr Minim Reviste ISI in zona Q1/Q2	3	13.00

Candidat Conf. Dr. Ing. Tudor Cloara

OBS

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

BDI pt Calculatoare: ISI, IEEE, ACM, Scopus, Science Direct, Elsevier, Springer, DBLP, Wiley, EURASIP, INSPEC III (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. Pop, M. Antal, T. Cloara, Ionut Anghel	Trading Energy as a Digital Asset. A Blockchain based Energy Market, Cryptocurrencies and Blockchain Technologies and Applications: Decentralization and Smart Contracts, July 2020, Eds.: Shrivastava Gulshan, Le Duc-Nhuong, Sharma Kavita. Wiley-Scrivener ISBN: 978-1-119-62116-4	Wiley	2020	6.25
2	Ionut Anghel, Tudor Cloara, Claudia Pop, Marcel Antal	Semantic Data Model for Energy Efficient Integration of Data Centres. In Energy Grids, https://sites.google.com/view/data-science-book-2020	CRC	2020	6.25
3	Tudor Cloara, Ionut Anghel	Distributed Frameworks for Managing Cyber-Physical Production Systems in Smart Factories, ISBN: 978-606-737-296-0	UT Press Cluj-Napoca	2018	25.00
4	Ionut Anghel, Tudor Cloara	Ambient Intelligence for Elders Care, ISBN: 978-606-737-297-7	UT Press Cluj-Napoca	2018	25.00
5	Tudor Cloara, Ionut Anghel, Dan Valea, Ioan Salomie, Victor Sanchez Martin, Alejandro Marchena, Elisa Jimero and Martijn Vestenburg	Adaptive Workspace Interface for Facilitating the Knowledge Transfer from Retired Elders to Start-up Companies, Ambient Assisted Living and Enhanced Living Environments: Principles, Technologies and Control, ISBN: 978-0-12-805195-5	Butterworth-Heinemann / Elsevier	2017	3.13
6	Ionut Anghel, Tudor Cloara, and Ioan Salomie	Context Aware and Reinforcement Learning based Load Balancing System for Green Clouds, Resource Management for Big Data Platforms, ISBN 978-3-319-44881-7	Springer	2016	8.33
7	Ionut Anghel, Ioan Salomie, Tudor Cloara, Georgiana Copil, Daniel Moldovan	Autonomic computing techniques for pervasive systems and energy efficient data centres, ISBN 978-973-662-850-4	UT Press Cluj-Napoca	2013	10
8	Alexander Kipp, Tao Jiang, Jin Liu, Mariagrazia Fugini, Ionut Anghel, Tudor Cloara, Daniel Moldovan and Ioan Salomie	Energy-Aware provisioning of HPC services with virtualised web services, Evolutionary Based Solutions for Green Computing, Studies in Computational Intelligence, ISBN 978-3-642-30658-7	Springer	2013	3.13
9	Tudor Cloara, Ioan Salomie, Ionut Anghel, Daniel Moldovan, Georgiana Copil	Context aware adaptive systems with applicability in green service centres, ISBN 9789736628511	UT Press Cluj-Napoca	2013	10.00
10	Ioan Salomie, Tudor Cloara, Ionut Anghel, Tudor Salomie	Distributed Computing and Systems, ISBN 978-973-650-234-7,	Editura Alabastra Cluj-Napoca	2008	12.50
					109.58

A1.2.1. Materiale didactice

1	M. Antal, C. Pop, D. Moldovan, T. Petrican, C. Stan, I. Salomie, T. Cloara, I. Anghel	Distributed Systems – Laboratory Guide, Editura UTPRESS Cluj-Napoca, 2018 ISBN 978 606-737-329-5	JTPRESS Cluj-Napoca	2018	5
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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	Pop Claudia, Antal Marcel, Tudor Cloara, Ionut Anghel, David Sera, Ioan Salomie, ... & Bertoncini Massimo	"Blockchain-based scalable and tamper-evident solution for registering energy data." Sensors, 19(14) (2019) : 3033. https://doi.org/10.3390/s19143033	3.275	10	12.33
2	Pop Claudia, Antal Marcel, Cloara Tudor, Anghel Ionut, Salomie Ioan, Bertoncini Massimo	"A Fog Computing enabled Virtual Power Plant Model for Delivery of Frequency Restoration Reserve Services" Sensors 20.9, 19, 4688. https://doi.org/10.3390/s19214688	3.275	6	20.54
3	Tudor Cloara, Ionut Anghel, Massimo Bertoncini, Ioan Salomie, Diego Arnone, Marzia Mammia, Terpsi Velivassaki, Marcel Antal	Optimized Flexibility Management enacting Data Centres Participation In Smart Demand Response Programs, Future Generation Computer Systems, Volume 78, Part 1, January 2018, Pages 330-342.	6.125	8	26.09

4	Tudor Cloara, Ionut Anghel, Ioan Salomie, Marcel Antal, Claudia Pop, Massimo Bertoncini, Diego Arnone, Florin Pop	Exploiting data centres energy flexibility in smart cities: Business scenarios, <i>Information Sciences</i> , 2019, ISSN 0020-0255	5.91	8	25.29	Q1
5	Marcel Antal, Claudia Pop, Tudor Cloara, Ionut Anghel, Ioan Salomie, Florin Pop	A system of systems approach for data centers optimization and integration into smart energy grids, <i>Future Generation Computer Systems</i> , April 2020, ISSN 0167-739X	6.125	6	34.79	Q1
6	Tudor Cloara, Ionut Anghel, Ioan Salomie, Lina Barakat, Simon Miles, Dianne Reidlinger, Adel Tawzeel, Ciprian Dobre, Florin Pop	Expert System for Nutriton Care Process of Older Adults, <i>FGCS 2018</i> , Volume 80, March 2018, Pages 368-383, ISSN 0167-739X	6.125	9	23.19	Q1
7	Claudia Pop, Tudor Cloara, Marcel Antal, Ionut Anghel, Ioan Salomie and Massimo Bertoncini	Blockchain Based Decentralized Management of Demand Response Programs In Smart Energy Grids, <i>Sensors</i> 2018, 18(1), 162. http://www.mdpi.com/1424-8220/18/1/162	3.275	6	20.54	Q1
8	Marcel Antal, Tudor Cloara, Ionut Anghel, Claudia Pop and Ioan Salomie	Transforming Data Centers in Active Thermal Energy Players in Nearby Neighborhoods, <i>Sustainability</i> 2018, 10, 939. http://www.mdpi.com/2071-1050/10/4/939	2.576	5	20.46	Q2
9	Adel Tawzeel, Lina Barakat, Simon Miles, Tudor Cloara, Ionut Anghel, Abdel-Rahman H. Tawil, Ioan Salomie	A service-based system for malnutrition prevention and self-management, in <i>Computer Standards & Interfaces</i> , http://dx.doi.org/10.1016/j.csi.2016.03.005 , 2016.	2.809	7	15.61	Q1
10	Vesa, A.V.; Cloara, T.; Anghel, I.; Antal, M.; Pop, C.; Iancu, B.; Salomie, I.; Dadarlat	Energy Flexibility Prediction for Data Center Engagement in Demand Response Programs. <i>Sustainability</i> 2020, 12, 1417.	2.576	8	12.79	Q2
11	Moldovan, D.; Anghel, I.; Cloara, T.; Salomie	Adapted Binary Particle Swarm Optimization for Efficient Features Selection in the Case of Imbalanced Sensor Data Appl. Sci. 2020, 10, 1496	2.474	4	24.81	Q2
12	Marcel Antal, Claudia Pop, Teodor Petrican, Andreea Valeria Vesa, Tudor Cloara, Ionut Anghel, Ioan Salomie	MoSICS: Modeling, simulation and optimization of complex systems—A case study on energy efficient datacenters, <i>Simulation Modelling Practice and Theory</i> , 2019, ISSN 1569-190X	2.218	8	11.45	Q2
13	Anghel, I.; Cloara, 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. <i>Int. J. Environ. Res. Public Health</i> 2020, 17, 3801	2.849	8	13.81	Q1
14	Cloara, Ionut Anghel, Radoslaw Gorzenski, Radoslaw Januszewski, Ariel Oleksiak, Wojciech	"Reuse of Data Center Waste Heat in Nearby Neighborhoods: A Neural Network s-Based Predict on Model". <i>Energies</i> 2019, 12, 814. https://doi.org/10.3390/en12050814 [ENERGIES, Q3]	2.702	10	10.61	
15	Tudor Cloara, Ionut Anghel, Ioan Salomie	Methodology for Energy Aware Adaptive Management of Virtualized Data Centers, <i>Energy Efficiency</i> 2016, http://link.springer.com/article/10.1007/s12053-016-9467-2?wt_mc=Internal+Event.1+SEM+Article+Author+Online+First	1.83	3	26.43	
16	Ionut Anghel, Tudor Cloara, Ioan Salomie, Mihaela Dinsoleanu, Anca Rarau	Middleware for Smart Environments Management, in <i>International Journal of computers communications & control</i> , vol. 5, no. 2, pp. 148-159, 2010.	2.093	5	17.56	
17	Marcel Antal, Claudia Pop, Dan Vales, Tudor Cloara, Ionut Anghel, Ioan Salomie	Optimizing Data Centres Operation to Provide Ancillary Services On-demand, <i>Economics of Grids, Clouds, Systems, and Services</i> , GECON 2015, ISBN 978-3-319-43176-5	0.4	6	6.17	
18	Ionut Anghel, Massimo Bertoncini, Tudor Cloara, Marco Cupelli, Vasiliki Georgiadou, Pooyan Jahangiri, Antonello Monti, Sean Murphy, Anthony Scroofs, Terpsi Velivassaki	GEYSER: Enabling Green Data Centres In Smart Cities, in <i>ENERGY EFFICIENT DATA CENTRES</i> , vol. 8945, pp. 71-86, 2015. 978-3-319-15785-6	0.4	10	3.70	
19	Tudor Cloara, Ioan Salomie, Ionut Anghel, Iulian Chira, Alexandru Cocian, Ealan Henis, Ronen Kat	A Dynamic Power Management Controller for Optimizing Servers' Energy Consumption in Service Centers, in <i>SERVICE-ORIENTED COMPUTING</i> , 978-3-642-19393-4, vol. 6568, pp. 158-168, 2011.	0.4	7	5.29	
20	Ioan Salomie, Tudor Cloara, Ionut Anghel, Daniel Moldovan, Georgiana Copil, Pierluigi Pleban	An Energy Aware Context Model for Green IT Service Centers, in <i>SERVICE-ORIENTED COMPUTING</i> , 978-3-642-19393-4, vol. 6568, pp. 169-180, 2011.	0.4	6	6.17	

21	Tudor Cloara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Georgiana Copil, Daniel Moldovan	A Self-Adapting Algorithm for Context Aware Systems, in 9TH ROEDUNET, pp. 374-379, 2010.	0.25	6	5.42
22	Ionut Anghel, Tudor Cloara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau	A Policy Driven Self-healing Algorithm for Context Aware Systems, ICCP 2009, pp. 229-236, 2009.	0.25	5	6.50
23	Tudor Cloara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu	A Context based Semantically Enhanced Information Retrieval Model, ICCP 2009, pp. 245-250, 2009.	0.25	4	8.13
24	Ionut Anghel, Tudor Cloara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau	A self-configuring middleware for managing context awareness, in WINSYS 2009, pp. 131-138, 2009	0.25	5	6.50
25	Ioan Salomie, Ionut Anghel, Tudor Cloara, Mihaela Dinsoreanu	A Context Awareness Model Enhanced with Autonomic Features, ICCP 2008, pp. 239-246, 2008.	0.25	4	8.13
26	Ioan Salomie, Tudor Cloara, Ionut Anghel, Mihaela Dinsoreanu	RAP - A Basic Context Awareness Model, ICCP 2008, pp. 315-318, 2008.	0.25	4	8.13
27	Tudor Cloara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu	A Generic Context Model with Autonomic Features, ICDIM 2008, pp. 891-896, 2008	0.25	4	8.13
28	Ioan Salomie, Tudor Cloara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie	A layered workflow model enhanced with process algebra verification for industrial processes, ICCP 2007, pp. 185-191, 2007.	0.25	5	6.50
29	Ioan Salomie, Tudor Cloara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie	Machine simulation for workflow integration testing, in ICCP 2007, pp. 193-199, 2007.	0.25	5	6.50
30	Ioan Salomie, Tudor Cloara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie	Workflow models enhanced with process algebra verification for industrial business processes, in Proceeding of the 11th International conference on computers, computer science and technology, VDL 4, pp. 501-506, 2007	0.25	5	6.50
31	Ioan Salomie, Tudor Cloara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie	Machine and business modelling and simulation for workflow integration, in Proceedings of the 9th International Conference on Automatic Control, Modeling & Simulation, pp. 165-170, 2007.	0.25	5	6.50
32	Ionut Anghel, Tudor Cloara, Ioan Salomie, Mihaela Dinsoreanu	An Autonomic Context Management Model based on Machine Learning, SYNASC 2010, pp. 335-338, 2011.	0.25	4	8.13
33	T. Cloara, I. Anghel, I. Salomie, M. Dinsoreanu	A Policy-based Context Aware Self-Management Model, in SYNASC 2009, pp. 333-340, 2009.	0.25	4	8.13
34	T. Cloara, I. Anghel, M. Antal, S. Crisan, I. Salomie	Data center optimization methodology to maximize the usage of locally produced renewable energy, in 2015 Sustainable Internet and ICT for Sustainability, Susta'NIT 2015.	0.25	5	6.50
35	D. Moldovan, M. Antal, D. Valea, C. Pop, T. Cloara, I. Anghel, I. Salomie	Tools for mapping ontologies to relational databases: A comparative evaluation, ICCP 2015, pp. 77-83, 2015.	0.25	7	4.64
36	C. Pop, D. Moldovan, M. Antal, D. Valea, T. Cloara, I. Anghel, I. Salomie	M2O: A library for using ontologies in software engineering, ICCP 2015, pp. 69-75, 2015.	0.25	7	4.64
37	Dorin Moldovan, Claudia Pop, Marcel Antal, Tudor Cloara, Ionut Anghel, Ioan Salomie	Semantic Web Application Generator - A Library for Using Ontologies as Web Services, ICCP2016.	0.25	6	5.42
38	Pintea, E. Pintea, Claudia Daniela Pop, Tudor Cloara, Ionut Anghel, Ioan Salomie	Thermal Aware Workload Consolidation in Cloud Data Centers, ICCP2016.	0.25	7	4.64
39	Knoblaui, M. Antal, D. Moldovan, T. Cloara, I. Anghel and I. Salomie	Semantic data factory: A framework for using domain knowledge in software application development, ICCP 2017, pp. 21-28. ISBN: 978-1-5386-3368-7	0.25	8	4.06
40	D. Moldovan, T. Cloara, I. Anghel and I. Salomie	Machine learning for sensor-based manufacturing processes, ICCP 2017, pp. 147-154. ISBN: 978-1-5386-3368-7	0.25	4	8.13
41	T. Petrican, C. Stan, M. Antal, I. Salomie, T. Cloara and I. Anghel	Ontology-based skill matching algorithms, ICCP 2017, pp. 203-211. ISBN: 978-1-5386-3368-7	0.25	6	5.42

42	M. Antal, C. Pop, T. Cloara, I. Anghel, I. Tamas and I. Salomie	Proactive day-ahead data center operation scheduling for energy efficiency: Solving a M/OP using a multi-gene genetic algorithm, ICCP 2017, pp. 527-534. ISBN: 978-1-5386-3368-7	0.25	6	5.42
43	M. Antal, A. Burnete, C. Pop, T. Cloara, I. Anghel and I. Salomie	Self-adaptive task scheduler for dynamic allocation in energy efficient data centers, ICCP 2017, pp. 535-541. ISBN: 978-1-5386-3368-7	0.25	6	5.42
44	D. Moldovan, P. Stefan, C. Vuscan, V. R. Chifu, I. Anghel, T. Cloara, I. Salomie	Diet Generator for Elders using Cat Swarm Optimization and Wolf Search, MEDITECH 2016, IFMBE Proceedings, vol. 59. Springer, pp. 238-243, 2017	0.25	7	4.64
45	Tudor Cloara, Ionut Anghel, Ioan Salomie	A Self-configuring Middleware Solution for Context Management, in E-BUSINESS AND TELECOMMUNICATIONS. ICETE 2009, 978-3-642-20076-2, vol. 130, pp. 332-345, 2011.	0.25	3	10.83
46	Dorin Moldovan, Marcel Antal, Claudia Pop, Adrian Olosutean, Tudor Cloara, Ionut Anghel, and Ioan Salomie	Spark-based Classification Algorithms for Daily Living Activities, Advances in Intelligent Systems and Computing Series, ISSN 2194-5357, CSO2018, https://www.ozenpublish.eu/ConferenceProgramme	0.25	7	4.64
47	Ionut Anghel, Tudor Cloara, Ioan Salomie	ICT Architecture for Supporting Elder Employees to Make Conscious Decisions Under Time Pressure, In State-of-the-Art and Future Directions of Smart Learning, ISBN 978-981-287-868-7, Springer, 2016	0.25	3	10.83
48	Ionut Anghel, Tudor Cloara, Terpsi Velivassaki, Massimo Bertoncini, Artemis Voukidis, Ariel Oleksiak, Nicolas SAINTHERANT, Vasiliki Georgiadou, Maria Adela Becheanu	Converting Data Centres In Energy Flexibility Ecosystems, 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe, 2018, https://www.eeeic.net/eeeic/EEEIC2018PreliminaryProgram.pdf	0.25	10	3.25
49	Viorica Rozina Chifu, Cristina Bianca Pop, Tudor Cloara, Ionut Anghel, Dorin Moldovan and Ioan Salomie	Identifying the Polypharmacy Side-Effects In Daily Life Activities of Elders with Dementia, Volume 798 of the Studies in Computational Intelligence series, ISSN 978-3-319-99625-7, IDC 2018	0.25	6	5.42
50	Tudor Cloara, Massimo Bertoncini, Dimosthenis Ioannidis, Vincenzo Croce, Ionut Anghel, Konstantinos Vozis, Claudia Pop and Luigi D'Orlando	Enabling New Technologies for Demand Response Decentralized Validation using Blockchain, 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe, 2018, https://www.eeeic.net/eeeic/EEEIC2018PreliminaryProgram.pdf	0.25	8	4.06
51	Cristian Pintea, Eugen Pintea, Marcel Antal, Claudia Pop, Cloara Tudor, Ionut Anghel and Ioan Salomie	CoolCloudSim: Integrating Cooling System Models In CloudSim, ICC P2018	0.25	7	4.64
52	Dorin Moldovan, Adrian Olosutean, Viorica Chifu, Cristina Pop, Tudor Cloara, Ionut Anghel, Ioan Salomie	Big Data Analytics for the Daily Living Activities of the People with Dementia, ICCP 2018	0.25	7	4.64
53	Claudia Pop, Marcel Antal, Cristian Pop, Andreea Valeria Vesa, Cloara Tudor, Ionut Anghel, Ioan Salomie and Teodor Petrican	Decentralizing the Stock Exchange using Blockchain: An Ethereum-based Implementation of the Bucharest Stock Exchange, ICCP 2018	0.25	8	4.06
54	Teodor Petrican, Andreea Valeria Vesa, Marcel Antal, Claudia Pop, Tudor Cloara, Ionut Anghel and Ioan Salomie	Evaluating Forecasting Techniques for Integrating Household Energy Prosumers into Smart Grids, ICCP 2018	0.25	7	4.64

55	Roxana Jurca, Tudor Cloara, Ionut Anghel, Marcel Antal, Claudia Pop, Dorin Moldovan	Activities of Daily Living Classification using Recurrent Neural Networks, RoEduNet Conference 2018	0.25	6	5.42
56	Dorin Moldovan, Viorica Chifu, Cristina Pop, Tudor Cloara, Ionut Anghel, Ioan Salomie	Chicken Swarm Optimization and Deep Learning for Manufacturing Processes, RoEduNet Conference 2018.	0.25	6	5.42
57	D. Moldovan, A. Visovan, M. Bolog, C. Pop, V. R. Chifu, I. Anghel, T. Cloara and I. Salomie	Random Forest and Sequential Model for Anomalies Detection in the Activities of the People with Dementia, MediTech 2018, IFMBE Proceedings, vol 71. Springer, Singapore, 2019, https://link.springer.com/chapter/10.1007/978-981-13-6207-1_32	0.25	8	4.06
58	Dorin Moldovan, Ionut Anghel, Tudor Cloara, Ioan Salomie, Viorica Chifu, and Cristina Pop	Kangaroo Mob Heuristic for Optimizing Features Selection In Learning the Daily Living Activities of People with Alzheimer's, CSCS22, 2019	0.25	6	5.42
59	Ionut Anghel, Tudor Cloara, Dorin Moldovan, Ioan Salomie and Madalina Maria Torrus	Chicken Swarm Optimization and Deep Learning for Manufacturing Processes, RoEduNet Conference 2018.	0.25	5	6.50
Factor Impact cumulat Total punctaj A2.1.			67.568		573.54

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	Razvan Zanc, Tudor Cloara, Ionut Anghel	Forecasting Financial Markets using Deep Learning, ICCP 2019, Cluj-Napoca, Romania	IEEE	3	6.67
2	Andreea Valeria Vesa, Nicoleta Ghitescu, Claudia Pop, Marcel Antal, Tudor Cloara, Ionut Anghel, Ioan Salomie	A Stacking Multi-Learning Ensemble Model for Predicting Near Real Time Energy Consumption Demand of Residential Buildings, IEEE ICCP2019, September 2019, Cluj-Napoca, Romania	IEEE	7	2.86
3	Dorin Moldovan, Ionut Anghel, Tudor Cloara, Ioan Salomie	Time Series Features Extraction Versus LSTM for Manufacturing Processes Performance Prediction, SPED 2019, Timisoara, Romania	IEEE	4	5.00
4	M. Bertoncini, D. Arnone, T. Cloara, I. Anghel, I. Salomie, T.-H. Velhassaki	Next generation data centers business models enabling multi-resource integration for smart city optimized energy efficiency, in e-Energy 2015 - Proceedings of the 2015 ACM 6th International Conference on Future Energy Systems, pp. 247-252, 2015.	ACM	6	3.33
5	Marcel Antal, Tudor Cloara, Ionut Anghel, Claudia Pop, Ioan Salomie, Massimo Bertoncini, and Diego Arnone	DC Thermal Energy Flexibility Model for Waste Heat Reuse in Nearby Neighborhoods, in Proceedings of the Eighth International Conference on Future Energy Systems (e-Energy '17). ACM, New York, NY, USA, 278-283	ACM	7	2.86
6	T. Cloara, I. Anghel, I. Salomie, M. Antal, M. Bertoncini, D. Arnone	Optimizing the Power Factor of Data Centers Connected to the Smart Grid, 5th International workshop on energy-efficient data centres, E2DC 2016 June 21 Waterloo, Canada	ACM	6	3.33
7	M. Antal, I. Tamas, T. Cloara, I. Anghel, I. Salomie	A swarm-based algorithm for optimal spatial coverage of an unknown region, in Proceedings - 2013 IEEE 9th International Conference on Intelligent Computer Communication and Processing, ICCP 2013, pp. 7-13, 2013.	IEEE	5	4.00
8	I. Anghel, C.B. Pop, T. Cloara, I. Salomie, I. Vartic	A Swarm inspired technique for self-organizing and consolidating data centre servers, in Scalable Computing, vol. 14, no. 2, pp. 69-82, 2013.	Scopus	5	4.00
9	D. Moldovan, G. Copil, I. Salomie, I. Anghel, T. Cloara	A membrane computing inspired packing solution and its application to service center workload distribution, in Proceedings - 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, ICCP 2012, pp. 281-288, 2012.	IEEE	5	4.00
10	G. Copil, D. Moldovan, I. Salomie, T. Cloara, I. Anghel, D. Borza	Cloud SLA negotiation for energy saving - A particle swarm optimization approach, in Proceedings - 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, ICCP 2012, pp. 289-296, 2012.	IEEE	6	3.33
11	C.B. Pop, I. Anghel, T. Cloara, I. Salomie, I. Vartic	A swarm-inspired data center consolidation methodology, in WIMS'12, International Conference on Web Intelligence, Mining and Semantics, 2012.	ACM	5	4.00
12	T. Cloara, I. Anghel, L. Salomie, D. Moldovan, G. Copil, P. Pleban	Dynamic consolidation methodology for optimizing the energy consumption in large virtualized service centers, in Federated Conference on Computer Science and Information Systems, FedCSIS 2011, pp. 1005-1011, 2011.	IEEE	6	3.33

13	T. Cloara, I. Anghel, I. Salomie, G. Copil, D. Moldovan, A. Kipp	Energy aware dynamic resource consolidation algorithm for virtualized service centers based on reinforcement learning, In Proceedings - 2011 10th International Symposium on Parallel and Distributed Computing, ISPD 2011, pp. 163-169, 2011.	IEEE	6	3.33
14	T. Cloara, I. Anghel, I. Salomie, G. Copil, D. Moldovan, M. Grindean	Time series based dynamic frequency scaling solution for optimizing the CPU energy consumption, In Proceedings - 2011 IEEE 7th International Conference on Intelligent Computer Communication and Processing, ICCP 2011, pp. 477-483, 2011.	IEEE	6	3.33
15	G. Copil, T. Cloara, I. Anghel, I. Salomie, D. Moldovan, D. Borza	A genetic-inspired negotiation algorithm for QoS and energy consumption tradeoffs in virtualized service centers, In Proceedings - 2011 IEEE 7th International Conference on Intelligent Computer Communication and Processing, ICCP 2011, pp. 47-476, 2011.	IEEE	6	3.33
16	I. Anghel, T. Cloara, I. Salomie, G. Copil, D. Moldovan, C. Pop	Dynamic frequency scaling algorithms for improving the CPU's energy efficiency, In Proceedings - 2011 IEEE 7th International Conference on Intelligent Computer Communication and Processing, ICCP 2011, pp. 485-491, 2011.	IEEE	6	3.33
17	I. Anghel, T. Cloara, I. Salomie, G. Copil, D. Moldovan	An automatic algorithm for energy efficiency in service centers, In Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10, pp. 281-288, 2010.	IEEE	5	4.00
18	T. Cloara, C.B. Pop, I. Anghel, I. Salomie, M. Dinsoreanu, I. Condor, F. Mihaly	Immune-inspired technique for optimizing server's energy consumption, In Proceedings - 2010 IEEE 6th International Conference on Intelligent Computer Communication and Processing, ICCP10, pp. 273-280, 2010.	IEEE	7	2.86
19	T. Cloara, I. Anghel, I. Salomie, M. Dinsoreanu, G. Copil, D. Moldovan	A reinforcement learning based self-healing algorithm for managing context adaptation, In IWAS2010 - 12th International Conference on Information Integration and Web Based Applications and Services, pp. 859-862, 2010.	ACM	6	3.33
20	T. Cloara, L. Anghel, L. Salomie, M. Dinsoreanu	A generic context model enhanced with self-configuring features, In Journal of Digital Information Management, vol. 7, no. 3, pp. 159-165, 2009.	Scopus	4	5.00
21	Adrian Cosinschi, Cristian Botau, Tudor Cloara, Ionut Anghel, Ioan Salomie	A Workload Prediction Based Controller for Energy-Efficient Resource Allocation in Virtualized Data Centers, In Proceedings of the 2012 21st International Workshop on Enabling Technologies Infrastructure for Collaborative Enterprises, pp. 109-114-2012.	ACM	5	4.00
22	Barbara Pernio, Cinzia Cappiello, Maria Grazia Fugini, Pierluigi Plebani, Monica Vitelli, Ioan Salomie, Tudor Cloara, Ionut Anghel, Eyalan Hens, Ronen Kat, Doron Chen, George Goldberg, Michalvor dem Berge, Wolfson Christmann	Setting energy efficiency goals in data centres: the GAMES approach, in "Energy Efficient Data Centers, Lecture Notes in Computer Science", E2DC2012, ISBN 978-3-642-33644-7	Springer	20	1.00
Total punctaj A2.2.					80.24

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

Nr.	Tip: nat / Internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	BD2008, „TOWARDS DEVELOPING CONTEXT AWARE PERSVASIVE SYSTEMS”, cod CNCIS 328, 54.000 Lei, Director Proiect, http://old.uefiscdi.ro/userfiles/file/3URSEX20BD/Rez_BD_2008_NDI.pdf	2008-2011	3	30
2	International	COST Action CA15140, Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice (ImAppNO), OUTREACH COORDINATOR, http://imappno.dcs.aber.ac.uk/contacts	2016-2020	4	80
3	National	OPTIPLAN - Tehnologi de Digitalizare, Analiza și Optimizare a Procesului de Producție a Contoarelor și Regulatelelor de Gaz în Fabrica Emerson, BG37/2016, Bridge Grant PN-III-P2-2.1-BG-2016-0080, 460.000 Lei - DIRECTOR PROIECT	2016-2018	2	20
4	International	MedGUIDE, H2020 AAL 44 2017, Ambient Assisted Living Joint Programme AAL-2016, 199.200 Euro - Responsabil Științific al întregului Proiect	2017-2019	2.5	50
5	International	Proiect de cercetare Mantran "Distributed systems technology and services for electronic registration, transacting and processing of assets", DIRECTOR PROIECT, Proiect cu terți > 10.000 USD	2016-2019	3	60
6	International	H2020 Converting DCs in Energy Flexibility Ecosystems (CATALYST), 263.750 Euro, DIRECTOR PROIECT	2017-2020	3	60
7	International	H2020 eDREAM - enabling new Demand Response Advanced, Market oriented and Secure	2018-2021	3	60
8	International	H2HCare (Social robot-based solution for elders' Care management and coaching after discharge from Hospital to Home), H2020 Ambient Assisted Living Joint Programme AAL-2019 378.750 Euro, DIRECTOR PROIECT	2020-2023	3	60
9	International	H2020 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), 504.375 Euro, DIRECTOR PROIECT	2020/2021-2023/2024	3	60
Total punctaj A2.4.1					480

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

Nr.	Tip: nat / Internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
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1	International	GAMES - Green Active Management of Energy in IT Service centres (248514 / 2010) FP7-ICT-2009-6.3 - ICT for Energy efficiency	2010-2012	2.5	10
2	International	GEYSER - Green nEWorked Data Centres as Energy ProSumErs in smaRt city environments (509211/2013), FP7-ICT-2013.6.2: Data Centres in an energy-efficient and environmentally friendly Internets	2013-2016	3	12
3	International	DIET4Elders - Dynamic Nutrition Behaviour Awareness System for the Elders (AAL16/2013), Ambient Assisted Living Joint Programme AAL-2012-5	2013-2016	3	12
4	International	Elders-UPI- Adaptive system for enabling the elderly collaborative knowledge transference to small companies (AAL26/2014), Ambient Assisted Living Joint Programme AAL-2013-6	2014-2016	2.5	10
5	National	MAESTRO, proiect de tip CNCIS PN II IDEI, cod 333/2007	2007-2010	3	6
6	National	ARHINET, proiect de tip Parteneriate, 11-051/2007 CNMP, Program 4	2007-2010	3	6
7	National	FOOD-TRACE, proiect ce tip CEEX, 33/2006, domeniul 03 P-CD	2006-2008	2	4
8	National	GAMES 92EU/2010, proiect de tip Capacitati Modulul III	2010-2012	2	4
9	National	ECO2CLOUD, PN-III-P2-2-1-BG-2016-36	2016-2018	2	4
10	National	Proiect de cercetare Siemens Neural Networks for Machine Learning in Big-Data, Proiect cu tertii > 10.000 USD	2016	0.5	1
11	International	ReMIND, AAL 2018, H2020 Ambient Assisted Living Joint Programme AAL-2017, 220.000 Euro	2018-2021	3	12
12	International	ReMember-Me (Smart assistant to prevent and detect cognitive decline, promote cognitive function and social Inclusion among older adults), H2020 Ambient Assisted Living Joint Programme AAL-2019, 211.345 Euro	2020-2023	3	12
Total punctaj A2.4.1					93

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

Nr.	Articol citat	Articol care citeaza	Numar autori art. citat	Punctaj
1	D Moldovan, M Antal, D Vales, C Pop, T Cloara, I Anghel, I Salomie, Tools for mapping ontologies to relational databases: A comparative evaluation. <i>Intelligent Information Systems</i> , 2017, no. 1, pp. 1-10.	Tao, Ming, Kaoru Ota, and Miansheng Dong. "Ontology-based data semantic management and application in IoT-and cloud-enabled smart homes." <i>Future generation computer systems</i> 76 (2017): 528-539. [FUTURE GENERATION COMPUTER SYSTEMS, IF: 5.768, Q1]	7	2.29
2	Marcel Antal, Claudia Pop, Dan Vales, Tudor Cloara, Ionut Anghel, Ioan Salomie "Optimizing Data Center Operation to Provide Ancillary Services On-demand". <i>Springer Cham</i> 2016, no.133-146	Altmann, Jörn, José Ángel Bañares, and Ioan Petri. "Economics of Computing Services: A literature survey about technologies for an economy of fungible cloud services" (2018): 828-830. [FUTURE GENERATION COMPUTER SYSTEMS, IF: 5.768, Q1]	6	2.67
3	Dorin Molcovan, Marcel Antal, Claudia Pop, Adrian Olosutean, Tudor Cloara, Ionut Anghel, Ioan Salomie, "Sark-Based Classification Algorithms for Daily Living Activities". <i>Computer Science On-line</i> 2016, no.100-101	Jeang, Burvong, Sokchomrern Ean, Ga Rhyu, and Kwan-Hee Yoo. "Improvement of Kafka Streaming Using Partition and Multi-Threading in Big Data Environment." <i>Sensors</i> 19, no. 1 (2019): 134. [SENSORS, IF: 3.031, Q1]	7	2.29
4	Marcel Antal, Tudor Cloara, Ionut Anghel, Claudia Pop, and Ioan Salomie. "Transforming Data Centers In Active Thermal Energy Players in Nearby". <i>Energy Conversion and Management</i> 180 (2019): 115-125.	Ding, Zhaohao, Yujie Cao, Lijie Xie, Ying Lu, and Peng Wang. "Integrated stochastic energy management for data center microgrid considering waste heat recovery." <i>IEEE Transactions on Industry Applications</i> 55, no. 3 (2019): 2198-2207. [IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, IF: 3.347, Q1]	5	3.20
5	Antal Marcel, Claudia Pop, Tudor Cloara, Ionut Anghel, Ioan Salomie, and Florin Pop. "A system of systems approach for data centers optimization and integration into smart energy grids." <i>Future Generation Computing Systems</i> 102 (2019): 1317-1337. [NEURAL COMPUTING & APPLICATIONS, IF: 4.064, Q1]	Popa, Dan, Florin Pop, Cristina Serbanescu, and Aniaello Castiglione. "Deep learning model for home automation and energy reduction in a smart home environment platform." <i>Neural Computing and Applications</i> 31, no. 5 (2019): 1317-1337. [NEURAL COMPUTING & APPLICATIONS, IF: 4.064, Q1]	5	3.20
6	Marcel Antal, Tudor Cloara, Ionut Anghel, Claudia Pop, and Ioan Salomie. "Energy Efficient Data Center Cooling System Architecture, Virtualization and Analysis." <i>Sustainable Energy, Grids & Networks</i> 18 (2019): 100226. [SUSTAINABLE ENERGY GRIDS & NETWORKS, IF: 3.182, Q2]	Worlighi, Imane, Abdelilah Maach, Abdelhakim Halid, Omar Hegazy, and Joeri Van Mierlo. "Integrating renewable energy in smart grid system Architecture, virtualization and analysis." <i>Sustainable Energy, Grids & Networks</i> 18 (2019): 100226. [SUSTAINABLE ENERGY GRIDS & NETWORKS, IF: 3.182, Q2]	6	2.67
7	Cloara Tudor, Ionut Anghel, Ioan Salomie, Marcel Antal, Claudia Pop, Massimo Bertonecchi, Diego Arnone, and Florin Pop. "Exploiting data centres energy flexibility in smart cities: Business scenarios." <i>Information Sciences</i> 523 (2020): 103-115.	Lau, Billy Pk Lik, Sumudu Hasala Marakkalage, Yuren Zhou, Naveed Ul Hassan, Chau Yuen, Meng Zhang, and U-Xuar Tan. "A survey of data fusion in smart city applications." <i>Information Fusion</i> 52 (2019): 357-374. [INFORMATION FUSION, IF: 10.716, Q1]	8	2.00
8	Marcel Antal, Tudor Cloara, Ionut Anghel, Claudia Pop, and Ioan Salomie. "Energy Efficient Data Center Cooling System Architecture, Virtualization and Analysis." <i>Sustainable Energy, Grids & Networks</i> 18 (2019): 100226. [SUSTAINABLE ENERGY GRIDS & NETWORKS, IF: 3.182, Q2]	Caipentieri, Bruno, Arcangelo Castiglione, Alfredo De Santis, Francesco Palmieri, Raffaele Pizzolante, and Xiaofei Xing. "Securing Visual Search Queries in Ubiquitous Scenarios Empowered by Smart Personal Devices." <i>Information Sciences</i> (2019). [INFORMATION SCIENCES, IF: 5.324, Q1]	8	2.00

9		Popa, Dan, Florin Pop, Cristina Serbanescu, and Aniello Castiglione. "Deep learning model for home automation and energy reduction in a smart home environment platform." <i>Neural Computing and Applications</i> 31, no. 5 (2019): 1317-1337 [NEURAL COMPUTING & APPLICATIONS, IF: 4.664, Q3]	8	2.00	
10		Moghaddam, Monirah Mohebbi, Mohammad Hossein Manshae, Walid Saad, and Maziar Goudari. "On Data Center Demand Response: A Cloud Federation Approach." <i>IEEE Access</i> 7 (2019): 101829-101843. [IEEE ACCESS, IF: 4.098, Q3]	8	2.00	
11	Pop Claudia, Antal Marcel, Tudor Cloara, Ionut Anghel, David Sera, Ioan Salomie, ... & Bertoncini Massimo	Martins, Jose P., Joao C. Ferreira, Vitor Monteiro, Jose A. Alfonso, and Joao L. Alfonso. "IoT and Blockchain Paradigms for EV Charging System." <i>Energies</i> 12, no. 15 (2019): 2987. [ENERGIES, IF: 2.707, Q3]	6	1.33	
12	Marcel Antal, Claudia Pop, Dan Valea, Tudor Cloara, Ionut Anghel, Ioan Salomie, Optimizing Data Centres Operation to Provide Ancillary	D'Agostino D. et al. (2017) Performance and Economic Evaluations in Adopting Low Power Architectures: A Real Case Analysis. In: Pham C., Altmann J., Bañares J. (eds) Economics of Grids, Clouds, Systems, and Services. GECON 2017. Lecture Notes in Computer Science, vol 10537. Springer, Cham	6	1.33	
13	Adel Taweel, Lina Barakat, Simon Miles, Tudor Cloara, Ionut Anghel, Abdel-Rahman H. Tawil, Ioan Salomie	SE Kuo, HS Lai, JM Hsu, YC Yu, DZ Zheng. A clinical nutritional information system with personalized nutrition assessment, <i>Computer Methods and Programs in Biomedicine</i> Volume 155, March 2018, Pages 209-216	7	2.19	
14	Tudor Cloara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Georgiana Copil, Daniel Moldovan, "A Self-Adapting Algorithm for Context	Nimalasena A., Getov V., System Evolution for Unknown Context through Multi-action Evaluation, 2013 IEEE 37TH ANNUAL COMPUTER SOFTWARE AND APPLICATIONS CONFERENCE WORKSHOPS (COMPSACW), 2013, Pages: 271-276	6	1.33	
15		Ozgun Pinarer, Yan Gripay, Sylvie Servigne, Atay Ozgovde, Atilla Baskurt, Dynamic energy-aware sensor configuration in multi-application monitoring systems, <i>Pervasive and Mobile Computing</i> , 2017, https://www.sciencedirect.com/science/article/pii/S1574119217300810	6	2.67	
16		Pinarer O., Gripay Y., Servigne S., Ozgovde A. (2016) Energy Enhancement of Multi-application Monitoring Systems for Smart Buildings. In: Krogstle J., Mouratidis H., Su J. (eds) Advanced Information Systems Engineering Workshops. CAISE 2016. Lecture Notes in Business Information Processing, vol 249. Springer, Cham	6	1.33	
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18		Ganesan R., Mydhile S., Design and Development of Remote Vehicle Health Monitoring System using Context Aware Web Services, 2013 IEEE CONFERENCE ON INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT 2013), 2013, Pages: 760-764	6	1.33	
19		Zhou, R., Li, J., Wang, J., Wang, G. A knowledge-based development approach with fact and service for end-user in cloud computing (2013) <i>Proceedings - International Computer Software and Applications Conference</i> , art. no. D6605802, pp. 277-282.	6	1.33	
20		Khabou N., Rodriguez IB , Towards a novel analysis approach for collaborative ubiquitous systems, 2012 IEEE 21ST INTERNATIONAL WORKSHOP ON ENABLING TECHNOLOGIES: INFRASTRUCTURE FOR COLLABORATIVE ENTERPRISES (WETICE), 2012, Pages: 30-35	6	1.33	
21		Nesrine Khabou, Ismael Bouassida Rodriguez, Mohamed Jamalet, A novel analysis approach for the design and the development of context-aware applications, <i>JOURNAL OF SYSTEMS AND SOFTWARE</i> , 2017, https://www.sciencedirect.com/science/article/pii/S01641212173	6	2.67	
22	Ionut Anghel, Massimo Bertoncini, Tudor Cloara, Marco Cupelli, Vasiliki Georgiadou,	E Dró, M Codina, J Salom, Energy model optimization for thermal energy storage system integration in data centres, <i>Journal of Energy Storage</i> , 2016 - Elsevier	10	0.80	
23		E Gelenbe; E. Ceran, "Energy Packet Networks with Energy Harvesting." in <i>IEEE Access</i> , vol. 2016, no 99, pp.1-1	10	1.60	
24	T. Cloara, I. Anghel, I. Salomie, M. Dinsoreanu	A generic context model enhanced with self-configuring features, in <i>Journal of Digital</i>	Umar Mahmud, Muhammad Younus Javed, Context Inference Engine (CIE): Classifying Activity of Context using Minkowski Distance and Standard Deviation-Based Ranks, <i>Systems and Software Development, Modeling, and Analysis: New Perspectives and Methodologies</i> , Publisher: IGI Global, Editors: Mehdi Khasrow Pojr, pp.65-112, 2014	4	2.00

25		Umar Mahmud, Organizing Contextual Data in Context Aware Systems: A Review, Handbook of Research on Human-Computer Interfaces, Developments, and Applications, Editors João Rodrigues (University of Algarve, Portugal), Pedro Cardoso (University of Algarve, Portugal), Jânio Monteiro (University of Algarve, Portugal) and Mauro Figueiredo (University of Algarve, Portugal). ISBN13: 9781522504368 DOI: 10.4018/978-1-5225-	4	2.00
26	G. Copil, D. Moldovan, I. Salomie, T. Cloara, I. Anghel, D. Borza, Cloud SLA negotiation for energy saving - A particle swarm	Zhi-Hui Zhan, Xiao-Fang Liu, Yue-Jiao Gong, Jun Zhang, Henry Shu-Hung Chung, and Yun Li. 2015. Cloud Computing Resource Scheduling and a Survey of its Evolutionary Approaches. ACM Comput. Surv. 47, 4, Article 63 (July 2015), 33 pages	6	2.67
27		Athman Bouguettaya, Yunjun Gao, Andrey Klimenko, Lu Chen, Xiangfang Zhang, Fedor Dzerzhinsky, WeiJia Jia, Stanislav V. Klimenko, Qing Li, Lecture Notes in Computer Science volume 10570, 2017, https://link.springer.com/chapter/10.1007/978-3-319-68786-5_11	6	1.33
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32	B. Pernici, C. Cappiello, M.G. Fugini, P. Plebani, M. Vitall, I. Salomie, T. Cloara, I. Anghel, E. Henis, R. Kat, D. Chen, G. Goldberg, Dem Vor, W. Christmann, A. Kipp, T. Jiang, J. Liu, M. Bertoinci, D. Arnone, A. Rossi Settina energy	Deng, X., Wu, D., Shen, J., & He, J. (2013). Eco-Aware Online Power Management and Load Scheduling for Green Cloud Datacenters. IEEE Systems Journal (Volume:PP, Issue:99), pp. 1-10	20	0.80
33		Cheng-Jen Tang, Miao-Ru Dai, Chi-Cheng Chuang, Yu-Sheng Chiu, Energy management for the homogeneous server clusters offering web services, Energy Efficiency - December 2015	20	0.40
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37	T. Cloara, I. Anghel, I. Salomie, G. Copil, D. Moldovan, A. Kipp, "Energy aware dynamic resource consolidation algorithm for virtualized service centers based on reinforcement learning", in Proceedings - 2013	Sharifi, Mohsen, Saeed Shahrivari, and Hadi Salimi. "PASTA: a power aware solution to scheduling of precedence-constrained tasks on heterogeneous computing resources." Computing 95.1 (2013): 67-88.	6	1.33
38		Gabor Kecskemeti, Attila Kertész, Attila Csaba Marosi, Zsolt Nemeth, High-Performance Computing on Complex Environments, High-Performance Computing on Complex Environments, Chapter: 19, Publisher: John Wiley & Sons, Inc., Editors: Emmanuel Jeannot, Julius Zilinskas, pp.365-382	6	1.33
39		Kecskemeti, G., Kertész, A., Marosi, A., & Németh, Z. (2013). Strategies for Increased Energy Awareness in Cloud Federations. High-Performance Computing on Complex Environments 2014	6	1.33
40		Mastelic, Toni, et al. "Cloud Computing: Survey on Energy Efficiency." ACM Computing Surveys (CSUR) 47.2 (2014): 33.	6	2.67
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42		Konnerl, J., Niemi, T. & Nurminen, J. K. J Supercomput (2017) 73: 1978. doi 10.1007/s11227-016-1899-0	6	2.67
43	Ionut Anghel, Tudor Cloara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau, "A Policy Driven Self-healing Algorithm for Context Aware Systems", In 2009 IEEE 5TH INTERNATIONAL CONFERENCE ON	Ko, J. S., Gupta P.K., Towards a Constraint Based Approach for Self-Healing Smart Grids, 2013 2ND INTERNATIONAL WORKSHOP ON SOFTWARE ENGINEERING CHALLENGES FOR THE SMART GRID (SE4SG), 2013, Pages: 17-24	5	1.60
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A3.1.2. Citari în carti, reviste si volume ale unor manifestari stiintifice (BDI)

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Total punctaj] A3.1.2.

55.02

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

	Nume manifestare	URL	Tip (ISI/BDI)	Punctaj
1	IEEE 7th International Conference on Intelligent Computer Communication and Processing August 25-27, 2011, Cluj-Napoca, Romania Special Session: Green Computing Organized in cooperation with GAMES EU FP7 project. - Organizer Special Session	http://confer.uscluj.ro/greenICCP2011	BDI	6

2	The Ninth International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2015) - PC member	http://voyager.cu.lt.ac.jp.con/mis/2015/committee.html#confer	BDI	6
3	Mediterranean Conference on Information Systems 2014 - PC member	http://www.mc-s2014.it/track3.html	BDI	6
4	Sustainable Computing - Reviewer	http://www.journals.elsevier.com/sustainable-computing	ISI	10
5	International Conference on Intelligent Computer Communication and Processing - Reviewer	www.iccp.org	ISI	10
6	Journal of Parallel and Distributed Computing - Reviewer	http://www.journals.elsevier.com/journal-of-parallel-and-distributed-computing	ISI	10
7	Scientific Programming - Reviewer	http://www.hindawi.com/journal/sfp/	ISI	10
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10	Journal of Systems and Software - Reviewer	https://www.journals.elsevier.com/journal-of-systems-and-software/	ISI	10
11	Multiaгент and Grid Systems - Reviewer	http://www.iospress.nl/journal/multiagent-and-grid-systems/	ISI	10
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14	Sustainability - Reviewer	http://www.mdpi.com/journal/sustainability/	ISI	10
15	CSE 2018 PC Member	http://cse2018.hps.pku.edu/	ISI	10
16	8th International Workshop on Energy-Efficient Data Centres (E2DC2020) PC member	https://e2dc.eu/	ISI	10
17	Sensors - Editor	https://www.mdpi.com/journal/sensors/special-issues/4e-sensors	ISI	10
18	Sustainability - Editor	https://www.mdpi.com/journal/sustainability/special-issues/December-2018-Management-Flexible-Energy-Resources	ISI	10