

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

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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	5	27.08
				A1.1.2	nationale	50/nr autori	4	70.00
		Material didactic/lucrari didactice	Manuale didactice	A1.2.1		40/nr autori	2	15.00
Total punctaj A(1)							112.08	
2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI		A2.1		(25+ 30 * factor impact) / nr. de autori	65	634.79
				A2.2		20 / nr. de autori	26	90.07
		manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.3.1	Internationale	35 / nr. de autori	0	0.00
				A2.3.2	nationale	25 / nr. de autori	0	0.00
		Proprietate intelectuala, brevete de inventie, certificate ORDA	Director / responsabil	A2.4.1.1	Internationale	20 * ani de desfasurare	3	170.00
				A2.4.1.2	nationale	10 * ani de desfasurare	2	35.00
			Membru in echipa	A2.4.2.1	Internationale	4 * ani de desfasurare	10	120.00
	A2.4.2.2	nationale	2 * ani de desfasurare	6	28.00			
Total punctaj A(2)							1077.86	
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	11	110.00
		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)							446.99	

Conditii minimale Ai			
Nr.	Domeniu de activitate (A)	Necesar Abilitare	Realizat
A1	Activitatea didactica / profesionala (A1)	100	112.08
A2	Activitatea de cercetare (A2)	600	1077.86
A3	Recunoasterea impactului activitatii (A3)	150	446.99
Total (A)		850	1636.93

Conditii minimale obligatorii pe subcategorii			
		Necesar Abilitare	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	65.00
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	5.00
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	72.09
	Nr Minim Reviste ISI in zona Q1/Q2	3	14.00

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. Cioara, 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 Dac-Nhuong, Sharma Kavita. Wiley-Scrivener ISBN: 978-1-119-62116-4	Wiley	2020	6.25
2	D. Moldovan, I. Anghel, T. Cioara and I. Salomie	Apache Spark for Digitalization, Analysis and Optimization of Discrete Manufacturing Processes, Big Data Platforms and Applications, Springer International Publishing, Pop Florin, Neagu Gabriel (Eds.), 2021, ISSN 1617-7975	Springer	2020	6.25
3	Tudor Cioara, Ionuț 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	Ionuț Anghel, Tudor Cioara	Ambient Intelligence for Elders Care, ISBN: 978-606-737-297-7	UT Press Cluj-Napoca	2018	25.00
5	Tudor Cioara, Ionut Anghel, Dan Valea, Ioan Salomie, Victor Sanchez Martin, Alejandro Marchena, Elisa Jimeno and Martijn Vastenburg	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 Cioara, 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 Cioara, 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, Jia Liu, Mariagrazia Fugini, Ionut Anghel, Tudor Cioara, 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 Cioara, 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
					97.08

A1.2.1. Materiale didactice

1	M. Antal, C. Pop, D. Moldovan, T. Petrican, C. Stan, I. Salomie, T. Cioara, I. Anghel	Distributed Systems – Laboratory Guide, Editura UTPRESS Cluj-Napoca, 2018 ISBN 978-606-737-329-5	UTPRESS Cluj-Napoca	2018	5
2	Ioan Salomie, Tudor Cioara, Ionut Anghel, Tudor Salomie	Distributed Computing and Systems, ISBN 978-973-650-234-7,	Editura Albastra Cluj-Napoca	2008	10

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. Int. J. Environ. Res. Public Health 2020, 17, 3801	2.849	8	13.81	Q1
2	C. D. Pop, M. Antal, T. Cioara, I. Anghel and I. Salomie	Blockchain and Demand Response: Zero-Knowledge Proofs for Energy Transactions Privacy, Sensors, 2020, 20, 5678.	3.275	5	24.65	Q1
3	Moldovan, D.; Anghel, I.; Cioara, 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
4	Marcel Antal, Claudia Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie, Florin Pop	A system of systems approach for data centers optimization and integration into smart energy grids, Future Generation Computer Systems, April 2020, ISSN 0167-739X	6.125	6	34.79	Q1
5	Vesa, A.V.; Cioara, T.; Anghel, I.; Antal, M.; Pop, C.; Iancu, B.; Salomie, I.; Dadarlat	Energy Flexibility Prediction for Data Center Engagement in Demand Response Programs. Sustainability 2020, 12, 1417,	2.576	8	12.79	Q2
6	Pop Claudia, Antal Marcel, Cioara Tudor, Anghel Ionut, Salomie Ioan, Bertoncini Massimo	"A Fog Computing enabled Virtual Power Plant Model for Delivery of Frequency Restoration Reserve Services". Sensors 2019, 19, 4688. https://doi.org/10.3390/s19214688	3.275	6	20.54	Q1
7	Pop Claudia, Antal Marcel, Tudor Cioara, 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	Q1

8	Anghel, Ioan Salomie, Marcel Antal, Claudia Pop, Massimo Bertoncini, Diego	Exploiting data centres energy flexibility in smart cities: Business scenarios, Information Sciences, 2019, ISSN 0020-0255	5.91	8	25.29	Q1
9	Anghel, Massimo Bertoncini, Ioan Salomie, Diego Arnone, Marzia	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	Q1
10	Tudor Cioara, Ionut Anghel, Ioan Salomie, Lina Barakat, Simon Miles, Dianne Reidlinger, Adel	Expert System for Nutrition Care Process of Older Adults, FGCS 2018, Volume 80, March 2018, Pages 368-383, ISSN 0167-739X	6.125	9	23.19	Q1
11	Claudia Pop, Tudor Cioara, Marcel Antal, Ionut Anghel, Ioan Salomie and Massimo Bertoncini	Blockchain Based Decentralized Management of Demand Response Programs in Smart Energy Grids, Sensors 2018, 18(1), 162. http://www.mdpi.com/1424-8220/18/1/162	3.275	6	20.54	Q1
12	Marcel Antal, Tudor Cioara, Ionut Anghel, Claudia Pop and Ioan Salomie	Transforming Data Centers in Active Thermal Energy Players in Nearby Neighborhoods, Sustainability 2018, 10, 939. http://www.mdpi.com/2071-1050/10/4/939	2.576	5	20.46	Q2
13	Barakat, Simon Miles, Tudor Cioara, Ionut Anghel, Abdel-Rahman H. Tawil, Ioan	A service-based system for malnutrition prevention and self-management, in Computer Standards & Interfaces, http://dx.doi.org/10.1016/j.csi.2016.03.005 , 2016.	2.809	7	15.61	Q1
14	Marcel Antal, Claudia Pop, Teodor Petrican, Andreea Valeria Vesa, Tudor Cioara, Ionut Anghel, Ioan Salomie	MoSICS: Modeling, simulation and optimization of complex systems—A case study on energy efficient datacenters, Simulation Modelling Practice and Theory, 2019, ISSN 1569-190X	2.219	8	11.45	Q2
15	Cioara, Ionut Anghel, Radoslaw Gorzenski, Radoslaw Januszewski, Ariel Oleksiak, Wojciech	"Reuse of Data Center Waste Heat in Nearby Neighborhoods: A Neural Networks-Based Prediction Model". Energies 2019, 12, 814. https://doi.org/10.3390/en12050814 [ENERGIES, Q3]	2.702	10	10.61	
16	Tudor Cioara, Ionut Anghel, Ioan Salomie	Methodology for Energy Aware Adaptive Management of Virtualized Data Centers, Energy Efficiency 2016, http://link.springer.com/article/10.1007/s12053-016-9467-2?wt_mc=Internal.Event.1.SEM.ArticleAuthorOnlineFirst	1.81	3	26.43	
17	Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau	Middleware for Smart Environments Management, in International journal of computers communications & control, vol. 5, no. 2, pp. 148-159, 2010.	2.093	5	17.56	
18	Marcel Antal, Claudia Pop, Dan Valea, Tudor Cioara, Ionut Anghel, Ioan Salomie	Optimizing Data Centres Operation to Provide Ancillary Services On-demand, Economics of Grids, Clouds, Systems, and Services, GECON 2015, ISBN 978-3-319-43176-5	0.4	6	6.17	
19	Massimo Bertoncini, Tudor Cioara, Marco Cupelli, Vasiliki Georgiadou, Pooyan	GEYSER: Enabling Green Data Centres in Smart Cities, in ENERGY EFFICIENT DATA CENTERS, vol. 8945, pp. 71-86, 2015. 978-3-319-15785-6	0.4	10	3.70	
20	Tudor Cioara, 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 SERVICE-ORIENTED COMPUTING, 978-3-642-19393-4, vol. 6568, pp. 158-168, 2011.	0.4	7	5.29	
21	Ioan Salomie, Tudor Cioara, Ionut Anghel, Daniel Moldovan, Georgiana Copil, Pierluigi Plebani	An Energy Aware Context Model for Green IT Service Centers, in SERVICE-ORIENTED COMPUTING, 978-3-642-19393-4, vol. 6568, pp. 169-180, 2011.	0.4	6	6.17	
22	Tudor Cioara, 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	
23	Ionut Anghel, Tudor Cioara, 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	
24	Tudor Cioara, 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	
25	Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu	A self-configuring middleware for managing context awareness, in WINSYS 2009, pp. 131-138, 2009.	0.25	5	6.50	
26	Ioan Salomie, Ionut Anghel, Tudor Cioara, Mihaela Dinsoreanu	A Context Awareness Model Enhanced with Autonomic Features, ICCP 2008, pp. 239-246, 2008.	0.25	4	8.13	
27	Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu	RAP - A Basic Context Awareness Model, ICCP 2008, pp. 315-318, 2008.	0.25	4	8.13	
28	Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu	A Generic Context Model with Autonomic Features, ICDIM 2008, pp. 891-896, 2008.	0.25	4	8.13	

29	Ioan Salomie, Tudor Cioara, 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
30	Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie	Machine simulation for workflow integration testing, in ICCP 2007, pp. 193-199, 2007.	0.25	5	6.50
31	Ioan Salomie, Tudor Cioara, 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, VOL 4, pp. 501-506, 2007.	0.25	5	6.50
32	Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie	Machine and business modeling 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
33	Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu	An Autonomic Context Management Model based on Machine Learning, SYNASC 2010, pp. 335-338, 2011.	0.25	4	8.13
34	T. Cioara, 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
35	T. Cioara, 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, SustainIT 2015.	0.25	5	6.50
36	D. Moldovan, M. Antal, D. Valea, C. Pop, T. Cioara, 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
37	C. Pop, D. Moldovan, M. Antal, D. Valea, T. Cioara, I. Anghel, I. Salomie	M2O: A library for using ontologies in software engineering, ICCP 2015, pp. 69-75, 2015.	0.25	7	4.64
38	Claudia Pop, Marcel Antal, Tudor Cioara, Ionut Anghel, Ioan Salomie	Semantic Web Application Generator – A Library for Using Ontologies as Web Services, ICCP2016.	0.25	6	5.42
39	Pintea, E. Pintea, Claudia Daniela Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie	Thermal Aware Workload Consolidation in Cloud Data Centers, ICCP2016.	0.25	7	4.64
40	Knoblaui, M. Antal, D. Moldovan, T. Cioara, 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
41	D. Moldovan, T. Cioara, 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
42	T. Petrican, C. Stan, M. Antal, I. Salomie, T. Cioara and I. Anghel	Ontology-based skill matching algorithms, ICCP 2017, pp. 205-211. ISBN: 978-1-5386-3368-7	0.25	6	5.42
43	M. Antal, C. Pop, T. Cioara, I. Anghel, I. Tamas and I. Salomie	Proactive day-ahead data center operation scheduling for energy efficiency: Solving a MIOCP using a multi-gene genetic algorithm, ICCP 2017, pp. 527-534. ISBN: 978-1-5386-3368-7	0.25	6	5.42
44	M. Antal, A. Burnete, C. Pop, T. Cioara, 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
45	D. Moldovan, P. Stefan, C. Vuscan, V. R. Chifu, I. Anghel, T. Cioara, 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
46	Tudor Cioara, 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
47	Dorin Moldovan, Marcel Antal, Claudia Pop, Adrian Olosutean, Tudor Cioara, Ionut Anghel, and Ioan Salomie	Spark-based Classification Algorithms for Daily Living Activities, Advances in Intelligent Systems and Computing Series, ISSN 2194-5357, CSOC2018, https://www.openpublish.eu/ConferenceProgramme	0.25	7	4.64
48	Ionut Anghel, Tudor Cioara, 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
49	Ionut Anghel, Tudor Cioara, Terpsi Velivassaki, Massimo Bertoncini, Artemis Voulkidis, Ariel Olskiak, Nicolas	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/eeic/EEEEI2018PreliminaryProgram.pdf	0.25	10	3.25
50	Viorica Rozina Chifu, Cristina Bianca Pop, Tudor Cioara, Ionut Anghel, Dorin Moldovan and Ioan	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
51	Tudor Cioara, Massimo Bertoncini, Dimosthenis Ioannidis, Vincenzo Croce, Ionut Anghel, Konstantinos Votis, Claudia Pop and	Enabling New Tehnologies 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/eeic/EEEEI2018PreliminaryProgram.pdf	0.25	8	4.06

52	Cristian Pinte, Eugen Pinte, Marcel Antal, Claudia Pop, Cioara Tudor, Ionut Anghel and Ioan Salomie	CoolCloudSim: Integrating Cooling System Models in CloudSim, ICC P2018	0.25	7	4.64
53	Dorin Moldovan, Adrian Olosutean, Viorica Chifu, Cristina Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie	Big Data Analytics for the Daily Living Activities of the People with Dementia, ICCP 2018	0.25	7	4.64
54	Claudia Pop, Marcel Antal, Cristian Pop, Andreea Valeria Vesa, Cioara 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
55	Teodor Petrican, Andreea Valeria Vesa, Marcel Antal, Claudia Pop, Tudor Cioara, Ionut Anghel and Ioan Salomie	Evaluating Forecasting Techniques for Integrating Household Energy Prosumers into Smart Grids, ICCP 2018	0.25	7	4.64
56	Roxana Jurca, Tudor Cioara, 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
57	Dorin Moldovan, Viorica Chifu, Cristina Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie	Chicken Swarm Optimization and Deep Learning for Manufacturing Processes, RoEduNet Conference 2018.	0.25	6	5.42
58	D. Moldovan, A. Visovan, M. Bologa, C. Pop, V. R. Chifu, I. Anghel, T. Cioara 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
59	Dorin Moldovan, Ionut Anghel, Tudor Cioara, Ioan Salomie, Viorica Chifu and	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
60	Dorin Moldovan, Ionut Anghel, Tudor Cioara, Ioan Salomie	Time Series Features Extraction Versus LSTM for Manufacturing Processes Performance Prediction, SPED 2019, Timisoara, Romania	0.25	4	8.13
61	Razvan Zanc, Tudor Cioara, Ionut Anghel	Forecasting Financial Markets using Deep Learning, ICCP 2019, Cluj-Napoca, Romania	0.25	3	10.83
62	Nicoleta Ghitescu, Claudia Pop, Marcel Antal, Tudor Cioara,	A Stacking Multi-Learning Ensemble Model for Predicting Near Real Time Energy Consumption Demand of Residential Buildings, IEEE ICCP2019, September 2019, Cluj-Napoca, Romania	0.25	7	4.64
63	I. Anghel, T. Cioara, D. Moldovan, I. Salomie and M. M. Tomus	Prediction of Manufacturing Processes Errors: Gradient Boosted Trees Versus Deep Neural Networks, EUC-2018.	0.25	5	6.50
64	T. Cioara, I. Anghel, I. Salomie, M. Dinsoreanu, A. Rarau, Ionut Anghel, Tudor Cioara, Dorin Moldovan, Ioan Salomie and Madalina	Applications", KEPT2009, Studia Universitatis Babeş-Bolyai, Series Informatica, Special Issue: Knowledge Engineering: Principles and Techniques, vol. LIV, 2009, pp. 300-304, ISSN: 1224-869x	0.25	5	6.50
65		Chicken Swarm Optimization and Deep Learning for Manufacturing Processes, RoEduNet Conference 2018.	0.25	5	6.50
Factor impact cumulativ			72.093		634.79
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	G. Raveduto, V. Croce, M. Antal, C. Pop, I. Anghel and T. Cioara	Dynamic Coalitions of Prosumers in Virtual Power Plants for Energy Trading and Profit Optimization, 2020 IEEE 20th Mediterranean Electrotechnical Conference (MELECON), Palermo, Italy, 16-18 June 2020	IEEE	6	3.33
2	D. Moldovan, I. Anghel, T. Cioara and I. Salomie	Particle Swarm Optimization Based Deep Learning Ensemble for Manufacturing Processes, International Conference on Computer Communication and Processing (ICCP 2020), 3 – 5 September 2020, Cluj-Napoca, Romania	IEEE	4	5.00
3	T. Sărătean, M. Antal, C. Pop, T. Cioara, I. Anghel and I. Salomie	A Physiotherapy Coaching System based on Kinect Sensor, International Conference on Computer Communication and Processing (ICCP 2020), 3 – 5 September 2020, Cluj-Napoca, Romania	IEEE	6	3.33
4	C. Pop, M. Prata, M. Antal, T. Cioara, I. Anghel and I. Salomie	An Ethereum-based implementation of English, Dutch and First-price sealed-bid auctions, International Conference on Computer Communication and Processing (ICCP 2020), 3 – 5 September 2020, Cluj-Napoca, Romania	IEEE	6	3.33
5	I. A. Daniel, C. Pop, I. Anghel, M. Antal and T. Cioara	A Blockchain based solution for Managing Transplant Waiting Lists and Medical Records, International Conference on Computer Communication and Processing (ICCP 2020), 3 – 5 September 2020, Cluj-Napoca, Romania	IEEE	5	4.00
6	A. V. Vesa, V. Simion, R. Rus, M. Antal, C. Pop, I. Anghel, T. Cioara and I. Salomie	Human Activity Recognition using Smartphone Sensors and Beacon-based Indoor Localization for Ambient Assisted Living Systems, International Conference on Computer Communication and Processing (ICCP 2020), 3 – 5 September 2020, Cluj-Napoca, Romania	IEEE	8	2.50
7	M. Bertoncini, D. Arnone, T. Cioara, I. Anghel, I. Salomie, T.-H. Velivassaki	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

8	Marcel Antal, Tudor Cioara, Ionut Anghel, Claudia Pop, Ioan Salomie, Massimo Bertoncini, and Diego	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
9	T. Cioara, 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
10	M. Antal, I. Tamas, T. Cioara, 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
11	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, vol. 14, no. 2, pp. 69-82, 2013.	Scopus	5	4.00
12	D. Moldovan, G. Copil, I. Salomie, I. Anghel, T. Cioara	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
13	G. Copil, D. Moldovan, I. Salomie, T. Cioara, 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
14	C.B. Pop, I. Anghel, T. Cioara, 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
15	T. Cioara, I. Anghel, I. Salomie, D. Moldovan, G. Copil, P. Plebani	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
16	T. Cioara, 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, ISPC 2011, pp. 163-169, 2011.	IEEE	6	3.33
17	T. Cioara, 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
18	G. Copil, T. Cioara, 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. 471-476, 2011.	IEEE	6	3.33
19	I. Anghel, T. Cioara, 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
20	I. Anghel, T. Cioara, 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
21	T. Cioara, 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
22	T. Cioara, I. Anghel, I. Salomie, M. Dinsoreanu, G. Copil, D. Moldovan	A reinforcement learning based self-healing algorithm for managing context adaptation, in iiWAS2010 - 12th International Conference on Information Integration and Web-Based Applications and Services, pp. 859-862, 2010.	ACM	6	3.33
23	T. Cioara, L. Anghel, I. 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
24	Adrian Cosinschi, Cristian Botau, Tudor Cioara, 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
25	T. Cioara, C. B. Pop, I. Anghel, I. Salomie, M. Dinsoreanu, I. Condor, F. Mihaly	„Immune-inspired Technique for Optimizing Server's Energy Consumption”, Proceedings of the 2010 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP2010), 26-28 August 2010, Cluj-Napoca, Romania, 2010, pp. 273 – 280.	IEEE	7	2.86
26	Barbara Pernici, Cinzia Cappiello, Maria Grazia Fugini, Pierluigi Plebani, Monica Vitali, Ioan Salomie, Tudor Cioara, Ionut Anghel, Estan Heis, Roman	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.					90.07

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 „AUTONOMIC WEB SERVICE COMPOSITION”, cod CNCIS 321, 54.000 Lei, RESPONSABIL PROIECT http://old.uefiscdi.ro/userfiles/file/BURSE%20BD/Rez_BD_2008_NOI.pdf	2008-2011	3	30

2	National	Proiect de cercetare Siemens Neural Networks for Machine Learning in Big-Data, Proiect cu tertii, 44.000 lei - DIRECTOR PROIECT	2016	0.5	5
3	International	MedGuide, AAL 44/2017, H2020 Ambient Assisted Living Joint Programme AAL-2016 , 199.200 Euro, DIRECTOR PROIECT	2017-2019	2.5	50
4	International	ReMIND, AAL 2018, H2020 Ambient Assisted Living Joint Programme AAL-2017 , 220.000 Euro, DIRECTOR PROIECT	2018-2021	3	60
5	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, DIRECTOR PROIECT	2020-2023	3	60
Total punctaj A2.4.1					205

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), H2020 Ambient Assisted Living Joint Programme AAL-2019 378.750 Euro	2020-2023	3	12
2	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	2020-2023	3	12
3	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
4	International	GEYSER - Green nEtworked Data Centres as Energy ProSumers in smart city environments (609211/2013), FP7-ICT-2013.6.2: Data Centres in an energy-efficient and environmentally friendly Interne	2013-2016	3	12
5	International	DIET4Elders - Dynamic Nutrition Behaviour Awareness System for the Elders (AAL16/2013), Ambient Assisted Living Joint Programme AAL-2012-5	2013-2016	3	12
6	International	Elders-UP!- 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
7	International	COST Action CA15140, Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice (ImAppNIO)	2016-2020	4	16
8	International	Proiect de cercetare Montran "Distributed systems technology and services for electronic registration, transacting and processing of assets"	2016-2019	3	12
9	International	H2020 Converting DCs in Energy Flexibility Ecosystems (CATALYST)	2017-2020	3	12
10	International	H2020 eDREAM - enabling new Demand REsponse Advanced, Market oriented and Secure technologies, solutions and business models	2018-2021	3	12
11	National	MAESTRO, proiect de tip CNC SIS PN II IDEI, cod 333/2007	2007-2010	3	6
12	National	ARHINET, proiect de tip Parteneriate, 11-051/2007 CNMP, Program 4	2007-2010	3	6
13	National	FOOD-TRACE, proiect de tip CEEEX, 33/2006, domeniul 03 P-CD	2006-2008	2	4
14	National	GAMES 92EU/2010, proiect de tip Capacitati Modulul III	2010-2012	2	4
15	National	OPTIPLAN, PN-III-P2-2.1-BG-2016-37	2016-2018	2	4
16	National	ECO2CLOUD, PN-III-P2-2.1-BG-2016-36	2016-2018	2	4
Total punctaj A2.4.1					148

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	D Moldovan, M Antal, D Valea, C Pop, T Cloara, I Anghel, I Salomie, Tools for mapping ontologies to relational databases: A comparative	Tao, Ming, Kaoru Ota, and Mianxiong Dong. "Ontology-based data semantic management and application in IoT-and cloud-enabled smart homes." Future generation computer systems 76 (2017): 528-539. [FUTURE GENERATION COMPUTER SYSTEMS, IF: 5.768, Q1]	7	2.29
2	Marcel Antal, Claudia Pop, Dan Valea, Tudor Cloara, Ionut Anghel, Ioan Salomie, "Optimizing Data Centers Operation to Provide Ancillary Services On-demand", Sensors 2016, no. 16	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	Domin Moldovan, Marcel Antal, Claudia Pop, Adrian Olosutean, Tudor Cloara, Ionut Anghel, Ioan Salomie, "Spark-Based Classification Algorithms for Daily Living Activities", Sensors 2016, no. 16	Leang, Bunrong, Sokhomrern Ean, Ga Ryu, and Kwan-Hee Yoo. "Improvement of Kafka Streaming Using Partition and Multi-Threading in Big Data Environment." Sensors 19, no. 1 (2019): 134. [SENSORS, IF: 3.031, Q1]	7	2.29
4	Cloara, Ionut Anghel, Claudia Pop, and Ioan Salomie. "Transforming Data Centers in Active Thermal Energy Players in Nearby	Ding, Zhaohao, Yujie Cao, Lye Xie, Ying Lu, and Peng Wang. "Integrated stochastic energy management for data center microgrid considering waste heat recovery." IEEE Transactions on Industry Applications 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." Future	Popa, Dan, Florin Pop, Cristina Serbanescu, and Aniello Castiglione. "Deep learning model for home automation and energy reduction in a smart home environment platform." Neural Computing and Applications 31, no. 5 (2019): 1317-1337. [NEURAL COMPUTING & APPLICATIONS, IF: 4.664, Q1]	5	3.20
6		Worighi, Imane, Abdellilah Maach, Abdelhakim Hafid, Omar Hegazy, and Joeri Van Mierlo. "Integrating renewable energy in smart grid system: Architecture, virtualization and analysis." Sustainable Energy, Grids and Networks 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 Bertoncini, Diego Arnone, and Florin Pop. "Exploiting data centres energy flexibility in smart cities." Business	Lau, Billy Pik Lik, Sumudu Hasala Marakkalage, Yuren Zhou, Naveed Ul Hassan, Chau Yuen, Meng Zhang, and U-Xuan Tan. "A survey of data fusion in smart city applications." Information Fusion 52 (2019): 357-374. [INFORMATION FUSION, IF: 10.716, Q1]	8	2.00
8		Carpentieri, 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." Information Sciences (2019). [INFORMATION SCIENCES, IF: 5.524, 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." Neural Computing and Applications 31, no. 5 (2019): 1317-1337 [NEURAL COMPUTING & APPLICATIONS, IF: 4.664, Q1]	8	2.00
10		Moghaddam, Monireh Mohebbi, Mohammad Hossein Manshaei, Walid Saad, and Maziar Goudarzi. "On Data Center Demand Response: A Cloud Federation Approach." IEEE Access 7 (2019): 101829-101843. [IEEE ACCESS, IF: 4.098, Q1]	8	2.00
11	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.	Martins, Jose P., Joao C. Ferreira, Vitor Monteiro, Jose A. Afonso, and Joao L. Afonso. "IoT and Blockchain Paradigms for EV Charging System." Energies 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 A service-based system for	SE Kuo, HS Lai, JM Hsu, YC Yu, DZ Zheng, A clinical nutritional information system with personalized nutrition assessment, Computer Methods and Programs in Biomedicine Volume 155, March 2018, Pages 209-216	7	2.29
14	Tudor Cloara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Georgiana Copil, Daniel Moldovan, "A Self-Adapting	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, YannGripay, Sylvie Servigne, Atay Ozgovde, AtillaBaskurt, Dynamic energy-aware sensor configuration in multi-application monitoring systems, Pervasive and Mobile Computing, 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: Krogstie 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
17		Boulangier, David, et al. "Smart Learning Analytics." Emerging Issues in Smart Learning. Springer Berlin Heidelberg, 2015. 289-296.	6	1.33
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) Proceedings - International Computer Software and Applications Conference, art. no. 06605802, 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 Jmaiel, A novel analysis approach for the design and the development of context-aware applications, JOURNAL OF SYSTEMS AND SOFTWARE, 2017, https://www.sciencedirect.com/science/article/pii/S0164121217	6	2.67
22	Ionut Anghel, Massimo Bertoncini, Tudor Cioara, Marco Cupelli, Vasiliki	E Oró, M Codina, J Salom, Energy model optimization for thermal energy storage system integration in data centres, Journal of Energy Storage, 2016 - Elsevier	10	0.80
23		E. Gelenbe; E. Ceran, "Energy Packet Networks with Energy Harvesting," in IEEE Access , vol. 2016, no.99, pp.1-1	10	1.60
24	T. Cioara, I. Anghel, I. Salomie, M. Dinsoreanu A generic context model enhanced with self-configuring features, in Journal of Digital	Umar Mahmud, Muhammad Younus Javed, Context Inference Engine (CIE): Classifying Activity of Context using Minkowski Distance and Standard Deviation-Based Ranks, Systems and Software Development, Modeling, and Analysis: New Perspectives and Methodologies, Publisher: IGI Global, Editors: Mehdi Khosrow-Pour, 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). EISBN13: 9781522504368 DOI: 10.4018/978-1-5225-	4	2.00
26	G. Copil, D. Moldovan, I. Salomie, T. Cioara, I. Anghel, D. Borza, Cloud SLA negotiation for energy saving - A	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
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32	B. Pernici, C. Cappelletto, M.G. Fugini, P. Plebani, M. Vitali, I. Salomie, T. Cioara, I. Anghel, E. Henis, R. Kat, D. Chen, G. Goldberg, Dem Vor, W. Christmann, A. Kipp, T. Jiang, J. Liu, M. Bertoncini, D.	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, Miau-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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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
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42		Kommeri, J., Niemi, T. & Nurminen, J.K. J Supercomput (2017) 73: 1978. doi:10.1007/s11227-016-1899-0	6	2.67
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45	Marcel Antal, C. Pinte, E. Pinte, Claudia Daniela Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie, Thermal Aware Workload Consolidation in Cloud Data Centers, ICCP2016.	Khan M.A., Paplinski A., Khan A.M., Murshed M., Buyya R. (2018) Dynamic Virtual Machine Consolidation Algorithms for Energy-Efficient Cloud Resource Management: A Review. In: Rivera W. (eds) Sustainable Cloud and Energy Services. Springer, Cham	7	1.14
46	Tudor Cioara, 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 SERVICE-ORIENTED	Viswanath V., Muralidhar R., Seshadri H., Abraham JA., On a Rewriting Strategy for Dynamically Managing Power Constraints and Power Dissipation in SoCs, PROCEEDINGS OF THE FOURTEENTH INTERNATIONAL SYMPOSIUM ON QUALITY ELECTRONIC DESIGN (ISQED 2013), Pages: 128-134	7	1.14
47		Nowak, Alexander, et al. "An architecture and methodology for a four-phased approach to green business process reengineering." Information and Communication on Technology for the Fight against Global Warming. Springer Berlin Heidelberg, 2011. 150-164.	7	1.14
48	I. Anghel, T. Cioara, 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	Vitali, M., Pernici, B. A survey on energy efficiency in information systems (2014) International Journal of Cooperative Information Systems, 23 (3), art. no. 1450001	6	1.33
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	Nume manifestare	URL	Tip (ISI/BDI)	Punctaj
1	ICCP 2011 - Organizer Special Session	http://coned.utcluj.ro/greenICCP2011/	BDI	6
2	Mediterranean Conference on Information Systems 2014 - PC Member	http://www.mcis2014.it/track3.html	BDI	6
3	CSE 2018 PC Member	http://cse2018.hpc.pub.ro/	BDI	6
4	Computers & Electrical Engineering - Reviewer	http://www.journals.elsevier.com/computers-and-electrical-engineering	ISI	10
5	ICCP - Reviewer and PC Member	www.iccp.ro	ISI	10
6	EnBIS (CAISE 2016) - PC Member	https://www.enbis-2016.deib.polimi.it/	ISI	10
7	Energy Efficiency, Springer - Reviewer	http://link.springer.com/journal/12053	ISI	10
8	Journal of Energy Storage - Elsevier - Reviewer	http://www.journals.elsevier.com/journal-of-energy-storage/	ISI	10
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