

Sonja Filiposka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

414
citations

8
h-index

19
g-index

65
ext. papers

529
ext. citations

1.9
avg, IF

4.04
L-index

#	Paper	IF	Citations
50	De Bruijn-Based and k-Ary n-Cube-Based Algebraic Models in Fog Environments. <i>Communications in Computer and Information Science</i> , 2022 , 126-141	0.3	
49	Serverless Platforms Performance Evaluation at the Network Edge. <i>Communications in Computer and Information Science</i> , 2022 , 160-172	0.3	1
48	IoT Serverless Computing at the Edge: A Systematic Mapping Review. <i>Computers</i> , 2021 , 10, 130	1.9	6
47	Predictive Migration Performance in Vehicular Edge Computing Environments. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 944	2.6	3
46	Rural Healthcare IoT Architecture Based on Low-Energy LoRa. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	5
45	Offloading Edge Vehicular Services in Realistic Urban Environments. <i>IEEE Access</i> , 2020 , 8, 11491-11502	3.5	2
44	Cybersecurity Training Platforms Assessment. <i>Communications in Computer and Information Science</i> , 2020 , 174-188	0.3	
43	Fat Tree Algebraic Formal Modelling Applied to Fog Computing. <i>Communications in Computer and Information Science</i> , 2020 , 111-126	0.3	0
42	Mobile-aware dynamic resource management for edge computing. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3626	1.9	6
41	Multidimensional hierarchical VM migration management for HPC cloud environments. <i>Journal of Supercomputing</i> , 2019 , 75, 5324-5346	2.5	1
40	Community-based allocation and migration strategies for fog computing 2018 ,		18
39	Supporting Location Transparent Services in a Mobile Edge Computing Environment. <i>Advances in Electrical and Computer Engineering</i> , 2018 , 18, 11-22	1.3	2
38	Youth e-participation as a pillar of sustainable societies. <i>Journal of Cleaner Production</i> , 2018 , 174, 114-122	2.3	22
37	Character Traits in Online Education: Case Study. <i>Communications in Computer and Information Science</i> , 2018 , 247-258	0.3	0
36	Bridging online and offline social networks: Multiplex analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 471, 825-836	3.3	7
35	Improving the Energy Efficiency in Cloud Computing Data Centres Through Resource Allocation Techniques 2017 , 211-236		9
34	Balancing high performance and energy efficiency in cloud allocation problems 2017 ,		1

33	Balancing Performances in Online VM Placement. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 153-162	0.4	4
32	ZeroTouch Provisioning (ZTP) Model and Infrastructure Components for Multi-provider Cloud Services Provisioning 2016 ,		5
31	Cooperative method for wireless sensor network localization. <i>Ad Hoc Networks</i> , 2016 , 40, 61-72	4.8	31
30	Current prospects towards energy-efficient top HPC systems. <i>Computer Science and Information Systems</i> , 2016 , 13, 151-171	0.8	4
29	Deep belief network based electricity load forecasting: An analysis of Macedonian case. <i>Energy</i> , 2016 , 115, 1688-1700	7.9	177
28	Community-based VM placement framework. <i>Journal of Supercomputing</i> , 2015 , 71, 4504-4528	2.5	15
27	2015 ,		4
26	Community-based complex cloud data center. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 419, 356-372	3.3	8
25	Enabling high performance cloud computing using zero touch provisioning 2015 ,		1
24	Parallel computation of information gain using Hadoop and MapReduce 2015 ,		8
23	Feature Ranking Based on Information Gain for Large Classification Problems with MapReduce 2015 ,		13
22	Opportunities and Challenges for Green HPC. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 45-54.	0.4	
21	Enabling Automated Network Services Provisioning for Cloud Based Applications Using Zero Touch Provisioning 2015 ,		2
20	Complex Cloud Datacenters. <i>IERI Procedia</i> , 2014 , 7, 8-14		2
19	Parallel implementation of the modified subset sum problem in CUDA 2014 ,		2
18	Smartphone Traffic Review. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 291-301	0.4	2
17	Open Cloud eXchange (OCX): Architecture and Functional Components 2013 ,		8
16	On opinion formation and synchronization in multiplex networks 2013 ,		7

15	IPv6 Transition Mechanisms and Deployment of IPv6 at Ss. Cyril and Methodius University in Skopje. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 373-382	0.4	
14	Apportionment Heuristics for Mapping Tasks in Heterogeneous Computing Systems. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 347-356		
13	Effects of Terrain Details on Wireless Network Simulation Macro Results Accuracy. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 85-94		
12	Terrain-aware three-dimensional radio-propagation model extension for NS-2. <i>Simulation</i> , 2011 , 87, 7-23	1.2	9
11	Durkin's Propagation Model Based on Triangular Irregular Network Terrain. <i>Communications in Computer and Information Science</i> , 2011 , 333-341	0.3	4
10	Game Theoretic Approach for Discovering Vulnerable Links in Complex Networks 2010 , 211-216		3
9	Impact of Community Structures on Ad Hoc Networks Performances 2010 , 197-206		
8	Performance analysis of scale-free communities in ad hoc networks 2009 ,		2
7	Performances of Clustered Ad Hoc Networks on 3D Terrains 2009 ,		5
6	Energy Dependent Connection Availability Model for Ad Hoc Networks 2008 , 489-494		0
5	Grid Computing Implementation in Ad Hoc Networks 2008 , 196-201		1
4	Computation and measurement of low frequency magnetic field near thin-wire structures. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2007 , 20, 1-8	0.4	
3	Analysis of small world phenomena and group mobility in ad hoc networks 2007 , 425-430		3
2	Ad hoc networks connection availability modeling 2004 ,		8
1	Kubernetes distributions for the edge: serverless performance evaluation. <i>Journal of Supercomputing</i> , 1	2.5	1