

Ewa Niewiadomska-Szynkiewicz

List of Publications by Year in descending order

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44
papers

472
citations

840776
11
h-index

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g-index

49
all docs

49
docs citations

49
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent Mobile Wireless Network for Toxic Gas Cloud Monitoring and Tracking. Sensors, 2021, 21, 3625.	3.8	3
2	Modelling and simulation of secure energy aware fog sensing systems. Simulation Modelling Practice and Theory, 2020, 101, 102011.	3.8	9
3	Performance Analysis of Energy Conservation Techniques for Wireless Sensor Networks. , 2019, , .		1
4	Why High-Performance Modelling and Simulation for Big Data Applications Matters. Lecture Notes in Computer Science, 2019, , 1-35.	1.3	6
5	Energy-Efficient Workload Allocation in Distributed HPC System. , 2019, , .		1
6	MoSiCS: Modeling, simulation and optimization of complex systemsâ€“A case study on energy efficient datacenters. Simulation Modelling Practice and Theory, 2019, 93, 21-41.	3.8	7
7	Infrastructure and Energy Conservation in Big Data Computing: A Survey. Journal of Telecommunications and Information Technology, 2019, 2, 73-82.	0.4	0
8	Energy-Aware Multilevel Control System for a Network of Linux Software Routers: Design and Implementation. IEEE Systems Journal, 2018, 12, 571-582.	4.6	17
9	Design and implementation of energy-aware application-specific CPU frequency governors for the heterogeneous distributed computing systems. Future Generation Computer Systems, 2018, 78, 302-315.	7.5	13
10	Resource Management System for HPC Computing. Advances in Intelligent Systems and Computing, 2018, , 52-61.	0.6	4
11	Secure low energy AODV protocol for wireless sensor networks. , 2017, , .		3
12	A Movement-Assisted Deployment of Collaborating Autonomous Sensors for Indoor and Outdoor Environment Monitoring. Sensors, 2016, 16, 1497.	3.8	7
13	Simulation-Based Optimization Methods Applied to Large Scale Water Systems Control. , 2016, , .		4
14	Mobile ad hoc network for a heavy gas cloud boundary estimation and tracking. , 2016, , .		1
15	Poster Abstract: WSNLOC.EU - An Introduction to WSN Localization Tasks Repository. , 2016, , .		0
16	Energy and Power Efficiency in Cloud. Computer Communications and Networks, 2016, , 97-127.	0.8	7
17	Simulation-Based Design of Mobile Ad Hoc Network for Tracking and Monitoring. Advances in Intelligent Systems and Computing, 2016, , 573-586.	0.6	0
18	Energy-saving management in computer networks. Australian Journal of Electrical and Electronics Engineering, 2015, 12, 242-252.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Cross-layer analysis of malware datasets for malicious campaigns identification. , 2015, , .		4
20	Simulation of Mobile Wireless Ad Hoc Networks for Emergency Situation Awareness. , 2015, , .		6
21	FP-tree and SVM for Malicious Web Campaign Detection. Lecture Notes in Computer Science, 2015, , 193-201.	1.3	5
22	Simulation-Based Evaluation of Robot-Assisted Wireless Sensors Positioning. Advances in Intelligent Systems and Computing, 2015, , 181-190.	0.6	4
23	Security, energy, and performance-aware resource allocation mechanisms for computational grids. Future Generation Computer Systems, 2014, 31, 77-92.	7.5	52
24	Dynamic power management in energy-aware computer networks and data intensive computing systems. Future Generation Computer Systems, 2014, 37, 284-296.	7.5	45
25	Modeling Mobility in Cooperative Ad Hoc Networks. Mobile Networks and Applications, 2013, 18, 610-621.	3.3	14
26	Energy Aware Communication Protocols for Wireless Sensor Networks. Lecture Notes in Computer Science, 2013, , 135-149.	1.3	7
27	Network-wide power management in computer networks. , 2013, , .		2
28	Control system for reducing energy consumption in backbone computer network. Concurrency Computation Practice and Experience, 2013, 25, 1738-1754.	2.2	27
29	Managing the Mobility of a Cooperative Ad Hoc Network Using Clusters Formation and Potential Function. , 2012, , .		0
30	Localization in wireless sensor networks: Classification and evaluation of techniques. International Journal of Applied Mathematics and Computer Science, 2012, 22, 281-297.	1.5	41
31	Control Framework For High Performance Energy Aware Backbone Network. , 2012, , .		7
32	Software Environment for Parallel Optimization of Complex Systems. Lecture Notes in Computer Science, 2012, , 86-96.	1.3	2
33	Reconstruction of a social network graph from incomplete call detail records. , 2011, , .		3
34	Localization based on stochastic optimization and RSSI measurements. , 2010, , .		2
35	Optimization Schemes For Wireless Sensor Network Localization. International Journal of Applied Mathematics and Computer Science, 2009, 19, 291-302.	1.5	49
36	MobASim: A Software Platform for Mobile Ad Hoc Networks Modeling and Simulation. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
37	Two-Phase Stochastic Optimization to Sensor Network Localization. , 2007, , .		16
38	Application of Rectangular Full Packed and Blocked Hybrid Matrix Formats in Semidefinite Programming for Sensor Network Localization. , 2007, , 649-658.		0
39	A Federated Approach to Parallel and Distributed Simulation of Complex Systems. International Journal of Applied Mathematics and Computer Science, 2007, 17, 99-106.	1.5	12
40	Parallel Hierarchical Methods for Complex Systems Optimization. Lecture Notes in Computer Science, 2006, , 537-546.	1.3	0
41	A hybrid analytic/rule-based approach to reservoir system management during flood. Decision Support Systems, 2005, 38, 599-610.	5.9	29
42	Predictive Methods for Real-Time Control of Flood Operation of a Multireservoir System: Methodology and Comparative Study. Water Resources Research, 1996, 32, 2885-2895.	4.2	29
43	FC-VS: a decision support system for flood control in multireservoir systems. Environmental Software, 1992, 7, 217-228.	0.3	4
44	Adaptation of MANET topology to monitor dynamic phenomena clouds. , 0, , .		1