Joanna Kolodziej

List of Publications by Year
in descending order

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57	1,953	304743	330143
papers	citations	22 h-index	37 g-index

62	62	62	1825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Secure mobile cloud computing. Concurrency Computation Practice and Experience, 2021, 33, e6528.	2.2	0
2	Modelling and simulation of secure energy aware fog sensing systems. Simulation Modelling Practice and Theory, 2020, 101, 102011.	3.8	9
3	Adaptive context-aware energy optimization for services on mobile devices with use of machine learning considering security aspects. , 2020, , .		8
4	Ultra Wide Band Body Area Networks: Design and Integration with Computational Clouds. Lecture Notes in Computer Science, 2019, , 279-306.	1.3	6
5	A survey and taxonomy on energy efficient resource allocation techniques for cloud computing systems. Computing (Vienna/New York), 2016, 98, 751-774.	4.8	253
6	A hybrid intelligence-aided approach to affect-sensitive e-learning. Computing (Vienna/New York), 2016, 98, 215-233.	4.8	41
7	Adaptive scheduling algorithm for media-optimized traffic management in software defined networks. Computing (Vienna/New York), 2016, 98, 147-168.	4.8	13
8	Advances in modelling and simulation for bigâ€data applications (AMSBA). Concurrency Computation Practice and Experience, 2016, 28, 291-293.	2.2	4
9	Energy efficient geneticâ€based schedulers in computational grids. Concurrency Computation Practice and Experience, 2015, 27, 809-829.	2.2	51
10	Towards Modeling Large-Scale Data Flows in a Multidatacenter Computing System With Petri Net. IEEE Systems Journal, 2015, 9, 416-426.	4.6	12
11	A survey on text mining in social networks. Knowledge Engineering Review, 2015, 30, 157-170.	2.6	84
12	Intelligent computing in large-scale systems. Knowledge Engineering Review, 2015, 30, 137-139.	2.6	2
13	Fuzzy cloud service selection framework. , 2014, , .		13
14	Security, energy, and performance-aware resource allocation mechanisms for computational grids. Future Generation Computer Systems, 2014, 31, 77-92.	7.5	52
15	A security framework in G-Hadoop for big data computing across distributed Cloud data centres. Journal of Computer and System Sciences, 2014, 80, 994-1007.	1.2	96
16	Dynamic power management in energy-aware computer networks and data intensive computing systems. Future Generation Computer Systems, 2014, 37, 284-296.	7.5	45
17	High performance wireless sensor network localisation system. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 17, 122.	0.5	8
18	Comparative study of trust and reputation systems for wireless sensor networks. Security and Communication Networks, 2013, 6, 669-688.	1.5	79

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19	Modeling Mobility in Cooperative Ad Hoc Networks. Mobile Networks and Applications, 2013, 18, 610-621.	3.3	14
20	Hybrid modelling and simulation of huge crowd over a hierarchical Grid architecture. Future Generation Computer Systems, 2013, 29, 1309-1317.	7.5	42
21	A survey on resource allocation in high performance distributed computing systems. Parallel Computing, 2013, 39, 709-736.	2.1	112
22	â€œSecurity-Aware and Data Intensive Low-Cost Mobile Systemsâ€•Editorial. Mobile Networks and Applications, 2013, 18, 591-593.	3.3	2
23	Hierarchical genetic-based grid scheduling with energy optimization. Cluster Computing, 2013, 16, 591-609.	5.0	34
24	Scalable optimization in grid, cloud, and intelligent network computing â€“ foreword. Concurrency Computation Practice and Experience, 2013, 25, 1719-1721.	2.2	6
25	Using Traditional Data Analysis Algorithms to Detect Access Patterns for Massive Data Processing. , 2013, , .		1
26	A survey on Green communications using Adaptive Link Rate. Cluster Computing, 2013, 16, 575-589.	5.0	59
27	Energy-aware parallel task scheduling in a cluster. Future Generation Computer Systems, 2013, 29, 1661-1670.	7.5	176
28	An overview of energy efficiency techniques in cluster computing systems. Cluster Computing, 2013, 16, 3-15.	5.0	160
29	Survey on social networking services. IET Networks, 2013, 2, 224-234.	1.8	16
30	Survey on blind image forgery detection. IET Image Processing, 2013, 7, 660-670.	2.5	90
31	Energy-Aware Grid Scheduling of Independent Tasks and Highly Distributed Data. , 2013, , .		5
32	Control system for reducing energy consumption in backbone computer network. Concurrency Computation Practice and Experience, 2013, 25, 1738-1754.	2.2	27
33	Load and Thermal-Aware VM Scheduling on the Cloud. Lecture Notes in Computer Science, 2013, , 101-114.	1.3	34
34	A Massively Parallel Approach for Nonlinear Interdependency Analysis of Multivariate Signals with GPGPU. , 2012, , .		0
35	Hybrid algorithms for independent batch scheduling in grids. International Journal of Web and Grid Services, 2012, 8, 134.	0.5	14
36	MapReduce across Distributed Clusters for Data-intensive Applications. , 2012, , .		25

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37	Evolutionary Hierarchical Multi-Criteria Metaheuristics for Scheduling in Large-Scale Grid Systems. Studies in Computational Intelligence, 2012, , .	0.9	19
38	Parallel Processing of Massive EEG Data with MapReduce. , 2012, , .		16
39	Integration of task abortion and security requirements in GA-based meta-heuristics for independent batch grid scheduling. Computers and Mathematics With Applications, 2012, 63, 350-364.	2.7	25
40	Multi-level hierarchic genetic-based scheduling of independent jobs in dynamic heterogeneous grid environment. Information Sciences, 2012, 214, 1-19.	6.9	52
41	Genetic Algorithms for Energy-Aware Scheduling in Computational Grids. , 2011, , .		49
42	Supporting the Security Awareness of GA-based Grid Schedulers by Artificial Neural Networks. , 2011, , .		1
43	On Exploitation vs Exploration of Solution Space for Grid Scheduling. , 2011, , .		6
44	An Application of Markov Jump Process Model for Activity-Based Indoor Mobility Prediction in Wireless Networks. , 2011, , .		17
45	Utilization of Markov Model and Non-Parametric Belief Propagation for Activity-Based Indoor Mobility Prediction in Wireless Networks. , 2011, , .		4
46	Modern approaches to modeling user requirements on resource and task allocation in hierarchical computational grids. International Journal of Applied Mathematics and Computer Science, 2011, 21, 243-257.	1.5	30
47	Enhancing the genetic-based scheduling in computational grids by a structured hierarchical population. Future Generation Computer Systems, 2011, 27, 1035-1046.	7.5	57
48	Meeting security and user behavior requirements in Grid scheduling. Simulation Modelling Practice and Theory, 2011, 19, 213-226.	3.8	30
49	A Taxonomy of Data Scheduling in Data Grids and Data Centers: Problems and Intelligent Resolution Techniques. , 2011, , .		6
50	A GA+TS Hybrid Algorithm for Independent Batch Scheduling in Computational Grids. , 2011, , .		14
51	Evaluation of Hybridization of GA and TS Algorithms for Independent Batch Scheduling in Computational Grids. , 2011, , .		7
52	Task Allocation Oriented Users Decisions in Computational Grid. Studies in Computational Intelligence, 2011, , 1-24.	0.9	0
53	Modelling of User Requirements and Behaviors in Computational Grids. , 2010, , .		0
54	Game-theoretic, Market and Meta-Heuristics Approaches for Modelling Scheduling and Resource Allocation in Grid Systems. , 2010, , .		4

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55	A Stackelberg Game for Modelling Asymmetric Users' Behavior in Grid Scheduling. , 2010, , .		1
56	A Game-Theoretic and Hybrid Genetic Meta-Heuristics Model for Security-Assured Scheduling of Independent Jobs in Computational Grids. , 2010, , .		7
57	A Web Interface for Meta-Heuristics Based Grid Schedulers. , 2010, , .		1