

# Joanna Kolodziej

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4876378/publications.pdf>

Version: 2024-02-01

57  
papers

1,953  
citations

304743

22  
h-index

330143

37  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1825  
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey and taxonomy on energy efficient resource allocation techniques for cloud computing systems. <i>Computing (Vienna/New York)</i> , 2016, 98, 751-774.	4.8	253
2	Energy-aware parallel task scheduling in a cluster. <i>Future Generation Computer Systems</i> , 2013, 29, 1661-1670.	7.5	176
3	An overview of energy efficiency techniques in cluster computing systems. <i>Cluster Computing</i> , 2013, 16, 3-15.	5.0	160
4	A survey on resource allocation in high performance distributed computing systems. <i>Parallel Computing</i> , 2013, 39, 709-736.	2.1	112
5	A security framework in G-Hadoop for big data computing across distributed Cloud data centres. <i>Journal of Computer and System Sciences</i> , 2014, 80, 994-1007.	1.2	96
6	Survey on blind image forgery detection. <i>IET Image Processing</i> , 2013, 7, 660-670.	2.5	90
7	A survey on text mining in social networks. <i>Knowledge Engineering Review</i> , 2015, 30, 157-170.	2.6	84
8	Comparative study of trust and reputation systems for wireless sensor networks. <i>Security and Communication Networks</i> , 2013, 6, 669-688.	1.5	79
9	A survey on Green communications using Adaptive Link Rate. <i>Cluster Computing</i> , 2013, 16, 575-589.	5.0	59
10	Enhancing the genetic-based scheduling in computational grids by a structured hierarchical population. <i>Future Generation Computer Systems</i> , 2011, 27, 1035-1046.	7.5	57
11	Multi-level hierarchic genetic-based scheduling of independent jobs in dynamic heterogeneous grid environment. <i>Information Sciences</i> , 2012, 214, 1-19.	6.9	52
12	Security, energy, and performance-aware resource allocation mechanisms for computational grids. <i>Future Generation Computer Systems</i> , 2014, 31, 77-92.	7.5	52
13	Energy efficient genetic-based schedulers in computational grids. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 809-829.	2.2	51
14	Genetic Algorithms for Energy-Aware Scheduling in Computational Grids. , 2011, , .		49
15	Dynamic power management in energy-aware computer networks and data intensive computing systems. <i>Future Generation Computer Systems</i> , 2014, 37, 284-296.	7.5	45
16	Hybrid modelling and simulation of huge crowd over a hierarchical Grid architecture. <i>Future Generation Computer Systems</i> , 2013, 29, 1309-1317.	7.5	42
17	A hybrid intelligence-aided approach to affect-sensitive e-learning. <i>Computing (Vienna/New York)</i> , 2016, 98, 215-233.	4.8	41
18	Hierarchical genetic-based grid scheduling with energy optimization. <i>Cluster Computing</i> , 2013, 16, 591-609.	5.0	34

#	ARTICLE	IF	CITATIONS
19	Load and Thermal-Aware VM Scheduling on the Cloud. Lecture Notes in Computer Science, 2013, , 101-114.	1.3	34
20	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
21	Meeting security and user behavior requirements in Grid scheduling. Simulation Modelling Practice and Theory, 2011, 19, 213-226.	3.8	30
22	Control system for reducing energy consumption in backbone computer network. Concurrency Computation Practice and Experience, 2013, 25, 1738-1754.	2.2	27
23	MapReduce across Distributed Clusters for Data-intensive Applications. , 2012, , .		25
24	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
25	Evolutionary Hierarchical Multi-Criteria Metaheuristics for Scheduling in Large-Scale Grid Systems. Studies in Computational Intelligence, 2012, , .	0.9	19
26	An Application of Markov Jump Process Model for Activity-Based Indoor Mobility Prediction in Wireless Networks. , 2011, , .		17
27	Parallel Processing of Massive EEG Data with MapReduce. , 2012, , .		16
28	Survey on social networking services. IET Networks, 2013, 2, 224-234.	1.8	16
29	A GA+TS Hybrid Algorithm for Independent Batch Scheduling in Computational Grids. , 2011, , .		14
30	Hybrid algorithms for independent batch scheduling in grids. International Journal of Web and Grid Services, 2012, 8, 134.	0.5	14
31	Modeling Mobility in Cooperative Ad Hoc Networks. Mobile Networks and Applications, 2013, 18, 610-621.	3.3	14
32	Fuzzy cloud service selection framework. , 2014, , .		13
33	Adaptive scheduling algorithm for media-optimized traffic management in software defined networks. Computing (Vienna/New York), 2016, 98, 147-168.	4.8	13
34	Towards Modeling Large-Scale Data Flows in a Multidatcenter Computing System With Petri Net. IEEE Systems Journal, 2015, 9, 416-426.	4.6	12
35	Modelling and simulation of secure energy aware fog sensing systems. Simulation Modelling Practice and Theory, 2020, 101, 102011.	3.8	9
36	High performance wireless sensor network localisation system. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 17, 122.	0.5	8

#	ARTICLE	IF	CITATIONS
37	Adaptive context-aware energy optimization for services on mobile devices with use of machine learning considering security aspects. , 2020, , .		8
38	A Game-Theoretic and Hybrid Genetic Meta-Heuristics Model for Security-Assured Scheduling of Independent Jobs in Computational Grids. , 2010, , .		7
39	Evaluation of Hybridization of GA and TS Algorithms for Independent Batch Scheduling in Computational Grids. , 2011, , .		7
40	On Exploitation vs Exploration of Solution Space for Grid Scheduling. , 2011, , .		6
41	A Taxonomy of Data Scheduling in Data Grids and Data Centers: Problems and Intelligent Resolution Techniques. , 2011, , .		6
42	Scalable optimization in grid, cloud, and intelligent network computing – foreword. Concurrency Computation Practice and Experience, 2013, 25, 1719-1721.	2.2	6
43	Ultra Wide Band Body Area Networks: Design and Integration with Computational Clouds. Lecture Notes in Computer Science, 2019, , 279-306.	1.3	6
44	Energy-Aware Grid Scheduling of Independent Tasks and Highly Distributed Data. , 2013, , .		5
45	Game-theoretic, Market and Meta-Heuristics Approaches for Modelling Scheduling and Resource Allocation in Grid Systems. , 2010, , .		4
46	Utilization of Markov Model and Non-Parametric Belief Propagation for Activity-Based Indoor Mobility Prediction in Wireless Networks. , 2011, , .		4
47	Advances in modelling and simulation for big data applications (AMSBA). Concurrency Computation Practice and Experience, 2016, 28, 291-293.	2.2	4
48	–Security-Aware and Data Intensive Low-Cost Mobile Systems–Editorial. Mobile Networks and Applications, 2013, 18, 591-593.	3.3	2
49	Intelligent computing in large-scale systems. Knowledge Engineering Review, 2015, 30, 137-139.	2.6	2
50	A Stackelberg Game for Modelling Asymmetric Users' Behavior in Grid Scheduling. , 2010, , .		1
51	A Web Interface for Meta-Heuristics Based Grid Schedulers. , 2010, , .		1
52	Supporting the Security Awareness of GA-based Grid Schedulers by Artificial Neural Networks. , 2011, , .		1
53	Using Traditional Data Analysis Algorithms to Detect Access Patterns for Massive Data Processing. , 2013, , .		1
54	Modelling of User Requirements and Behaviors in Computational Grids. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
55	A Massively Parallel Approach for Nonlinear Interdependency Analysis of Multivariate Signals with GPGPU. , 2012, , .		0
56	Secure mobile cloud computing. Concurrency Computation Practice and Experience, 2021, 33, e6528.	2.2	0
57	Task Allocation Oriented Users Decisions in Computational Grid. Studies in Computational Intelligence, 2011, , 1-24.	0.9	0