

Samee U Khan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1749161/publications.pdf>

Version: 2024-02-01

240
papers

9,070
citations

38742

50
h-index

51608

86
g-index

253
all docs

253
docs citations

253
times ranked

8137
citing authors

#	ARTICLE	IF	CITATIONS
1	Security in cloud computing: Opportunities and challenges. Information Sciences, 2015, 305, 357-383.	6.9	557
2	Towards secure mobile cloud computing: A survey. Future Generation Computer Systems, 2013, 29, 1278-1299.	7.5	289
3	A literature review on the state-of-the-art in patent analysis. World Patent Information, 2014, 37, 3-13.	1.7	287
4	A Review on the State-of-the-Art Privacy-Preserving Approaches in the e-Health Clouds. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1431-1441.	6.3	266
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	Potentials, trends, and prospects in edge technologies: Fog, cloudlet, mobile edge, and micro data centers. Computer Networks, 2018, 130, 94-120.	5.1	235
7	An Energy-Efficient Task Scheduling Algorithm in DVFS-enabled Cloud Environment. Journal of Grid Computing, 2016, 14, 55-74.	3.9	218
8	IFCloT: Integrated Fog Cloud IoT: A novel architectural paradigm for the future Internet of Things. IEEE Consumer Electronics Magazine, 2017, 6, 74-82.	2.3	200
9	Energy-aware parallel task scheduling in a cluster. Future Generation Computer Systems, 2013, 29, 1661-1670.	7.5	176
10	A Cooperative Game Theoretical Technique for Joint Optimization of Energy Consumption and Response Time in Computational Grids. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 346-360.	5.6	160
11	Big Data Privacy in the Internet of Things Era. IT Professional, 2015, 17, 32-39.	1.5	158
12	A taxonomy and survey on Green Data Center Networks. Future Generation Computer Systems, 2014, 36, 189-208.	7.5	155
13	SeDaSC: Secure Data Sharing in Clouds. IEEE Systems Journal, 2017, 11, 395-404.	4.6	141
14	Channel Assignment Algorithms in Cognitive Radio Networks: Taxonomy, Open Issues, and Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 795-823.	39.4	140
15	Survey of Techniques and Architectures for Designing Energy-Efficient Data Centers. IEEE Systems Journal, 2016, 10, 507-519.	4.6	139
16	Review of performance metrics for green data centers: a taxonomy study. Journal of Supercomputing, 2013, 63, 639-656.	3.6	137
17	Big Data Reduction Methods: A Survey. Data Science and Engineering, 2016, 1, 265-284.	6.4	130
18	FogNetSim++: A Toolkit for Modeling and Simulation of Distributed Fog Environment. IEEE Access, 2018, 6, 63570-63583.	4.2	125

#	ARTICLE	IF	CITATIONS
19	Seamless application execution in mobile cloud computing: Motivation, taxonomy, and open challenges. <i>Journal of Network and Computer Applications</i> , 2015, 52, 154-172.	9.1	121
20	Multi-objective scheduling of many tasks in cloud platforms. <i>Future Generation Computer Systems</i> , 2014, 37, 309-320.	7.5	119
21	The optical character recognition of Urdu-like cursive scripts. <i>Pattern Recognition</i> , 2014, 47, 1229-1248.	8.1	111
22	System modelling and performance evaluation of a three-tier Cloud of Things. <i>Future Generation Computer Systems</i> , 2017, 70, 104-125.	7.5	108
23	A Double Deep Q-Learning Model for Energy-Efficient Edge Scheduling. <i>IEEE Transactions on Services Computing</i> , 2019, 12, 739-749.	4.6	103
24	Remote Data Auditing in Cloud Computing Environments. <i>ACM Computing Surveys</i> , 2015, 47, 1-34.	23.0	95
25	Thermal aware workload placement with task-temperature profiles in a data center. <i>Journal of Supercomputing</i> , 2012, 61, 780-803.	3.6	92
26	Survey on blind image forgery detection. <i>IET Image Processing</i> , 2013, 7, 660-670.	2.5	90
27	A survey on context-aware recommender systems based on computational intelligence techniques. <i>Computing (Vienna/New York)</i> , 2015, 97, 667-690.	4.8	89
28	Secure and dependable software defined networks. <i>Journal of Network and Computer Applications</i> , 2016, 61, 199-221.	9.1	89
29	On Enabling Sustainable Edge Computing with Renewable Energy Resources. , 2018, 56, 94-101.		87
30	A hybrid genetic algorithm for optimization of scheduling workflow applications in heterogeneous computing systems. <i>Journal of Parallel and Distributed Computing</i> , 2016, 87, 80-90.	4.1	86
31	Trends and challenges in cloud datacenters. <i>IEEE Cloud Computing</i> , 2014, 1, 10-20.	3.9	85
32	A survey on text mining in social networks. <i>Knowledge Engineering Review</i> , 2015, 30, 157-170.	2.6	84
33	On the Characterization of the Structural Robustness of Data Center Networks. <i>IEEE Transactions on Cloud Computing</i> , 2013, 1, 1-1.	4.4	80
34	Re-Stream: Real-time and energy-efficient resource scheduling in big data stream computing environments. <i>Information Sciences</i> , 2015, 319, 92-112.	6.9	80
35	Comparative study of trust and reputation systems for wireless sensor networks. <i>Security and Communication Networks</i> , 2013, 6, 669-688.	1.5	79
36	Quantitative comparisons of the state-of-the-art data center architectures. <i>Concurrency Computation Practice and Experience</i> , 2013, 25, 1771-1783.	2.2	79

#	ARTICLE	IF	CITATIONS
37	Energy-efficient data centers. <i>Computing (Vienna/New York)</i> , 2012, 94, 973-994.	4.8	78
38	Analysis of Online Social Network Connections for Identification of Influential Users. <i>ACM Computing Surveys</i> , 2019, 51, 1-37.	23.0	76
39	Fast and Scalable Multi-Way Analysis of Massive Neural Data. <i>IEEE Transactions on Computers</i> , 2015, 64, 707-719.	3.4	74
40	Modeling and Analysis of State-of-the-art VM-based Cloud Management Platforms. <i>IEEE Transactions on Cloud Computing</i> , 2013, 1, 1-1.	4.4	70
41	A task-level adaptive MapReduce framework for real-time streaming data in healthcare applications. <i>Future Generation Computer Systems</i> , 2015, 43-44, 149-160.	7.5	67
42	CA-DAG: Modeling Communication-Aware Applications for Scheduling in Cloud Computing. <i>Journal of Grid Computing</i> , 2016, 14, 23-39.	3.9	67
43	IEEE Access Special Section Editorial: Body Area Networks For Interdisciplinary Research. <i>IEEE Access</i> , 2016, 4, 2989-2992.	4.2	64
44	Time Barrier-Based Emergency Message Dissemination in Vehicular Ad-hoc Networks. <i>IEEE Access</i> , 2019, 7, 16494-16503.	4.2	64
45	Survey on Grid Resource Allocation Mechanisms. <i>Journal of Grid Computing</i> , 2014, 12, 399-441.	3.9	63
46	A cloud based health insurance plan recommendation system: A user centered approach. <i>Future Generation Computer Systems</i> , 2015, 43-44, 99-109.	7.5	63
47	OmniSuggest: A Ubiquitous Cloud-Based Context-Aware Recommendation System for Mobile Social Networks. <i>IEEE Transactions on Services Computing</i> , 2014, 7, 401-414.	4.6	61
48	CloudGenius: A Hybrid Decision Support Method for Automating the Migration of Web Application Clusters to Public Clouds. <i>IEEE Transactions on Computers</i> , 2015, 64, 1336-1348.	3.4	60
49	A survey on Green communications using Adaptive Link Rate. <i>Cluster Computing</i> , 2013, 16, 575-589.	5.0	59
50	Cloud Log Forensics. <i>ACM Computing Surveys</i> , 2017, 49, 1-42.	23.0	59
51	Impact analysis and change propagation in service-oriented enterprises: A systematic review. <i>Information Systems</i> , 2015, 54, 43-73.	3.6	51
52	Data center energy efficient resource scheduling. <i>Cluster Computing</i> , 2014, 17, 1265-1277.	5.0	48
53	An efficient privacy mechanism for electronic health records. <i>Computers and Security</i> , 2018, 72, 196-211.	6.0	47
54	Adaptive Workflow Scheduling on Cloud Computing Platforms with IterativeOrdinal Optimization. <i>IEEE Transactions on Cloud Computing</i> , 2015, 3, 156-168.	4.4	46

#	ARTICLE	IF	CITATIONS
55	A Survey of Mobile Device Virtualization. ACM Computing Surveys, 2017, 49, 1-36.	23.0	45
56	Skyline Discovery and Composition of Multi-Cloud Mashup Services. IEEE Transactions on Services Computing, 2016, 9, 72-83.	4.6	45
57	Greening emerging IT technologies: techniques and practices. Journal of Internet Services and Applications, 2017, 8, .	2.1	45
58	Evolutionary Scheduling of Dynamic Multitasking Workloads for Big-Data Analytics in Elastic Cloud. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 338-351.	4.6	44
59	DROPS: Division and Replication of Data in Cloud for Optimal Performance and Security. IEEE Transactions on Cloud Computing, 2018, 6, 303-315.	4.4	44
60	Hybrid modelling and simulation of huge crowd over a hierarchical Grid architecture. Future Generation Computer Systems, 2013, 29, 1309-1317.	7.5	42
61	MapReduce-based fast fuzzy c-means algorithm for large-scale underwater image segmentation. Future Generation Computer Systems, 2016, 65, 90-101.	7.5	42
62	Quantifying cloud elasticity with container-based autoscaling. Future Generation Computer Systems, 2019, 98, 672-681.	7.5	42
63	Fog Based Architecture and Load Balancing Methodology for Health Monitoring Systems. IEEE Access, 2021, 9, 96189-96200.	4.2	42
64	A survey on energy-efficient methodologies and architectures of network-on-chip. Computers and Electrical Engineering, 2014, 40, 333-347.	4.8	41
65	Green Data Center Networks: Challenges and Opportunities. , 2013, , .		40
66	Thermal-Aware and DVFS-Enabled Big Data Task Scheduling for Data Centers. IEEE Transactions on Big Data, 2018, 4, 177-190.	6.1	40
67	An Overview of Cloud Based Content Delivery Networks: Research Dimensions and State-of-the-Art. Lecture Notes in Computer Science, 2015, , 131-158.	1.3	39
68	Performance analysis of data intensive cloud systems based on data management and replication: a survey. Distributed and Parallel Databases, 2016, 34, 179-215.	1.6	39
69	A Robust Optimization Technique for Energy Cost Minimization of Cloud Data Centers. IEEE Transactions on Cloud Computing, 2021, 9, 447-460.	4.4	37
70	Network Survivability for Multiple Probabilistic Failures. IEEE Communications Letters, 2012, 16, 1320-1323.	4.1	35
71	A comparative study on resource allocation and energy efficient job scheduling strategies in large-scale parallel computing systems. Cluster Computing, 2014, 17, 1349-1367.	5.0	35
72	DaSCE: Data Security for Cloud Environment with Semi-Trusted Third Party. IEEE Transactions on Cloud Computing, 2017, 5, 642-655.	4.4	35

#	ARTICLE	IF	CITATIONS
73	A two-phase heuristic for the energy-efficient scheduling of independent tasks on computational grids. Cluster Computing, 2013, 16, 421-433.	5.0	34
74	Olympus: The Cloud of Sensors. IEEE Cloud Computing, 2015, 2, 48-56.	3.9	34
75	Boafft: Distributed Deduplication for Big Data Storage in the Cloud. IEEE Transactions on Cloud Computing, 2020, 8, 1199-1211.	4.4	34
76	Effects of pose and image resolution on automatic face recognition. IET Biometrics, 2016, 5, 111-119.	2.5	33
77	On the Connectivity of Data Center Networks. IEEE Communications Letters, 2013, 17, 2172-2175.	4.1	32
78	On the Correlation of Sensor Location and Human Activity Recognition in Body Area Networks (BANs). IEEE Systems Journal, 2018, 12, 82-91.	4.6	32
79	Automatic player detection and identification for sports entertainment applications. Pattern Analysis and Applications, 2015, 18, 971-982.	4.6	31
80	MacroServ: A Route Recommendation Service for Large-Scale Evacuations. IEEE Transactions on Services Computing, 2017, 10, 589-602.	4.6	31
81	Data Replication and Virtual Machine Migrations to Mitigate Network Overhead in Edge Computing Systems. IEEE Transactions on Sustainable Computing, 2017, 2, 320-332.	3.1	31
82	Personalized healthcare cloud services for disease risk assessment and wellness management using social media. Pervasive and Mobile Computing, 2016, 28, 81-99.	3.3	29
83	CIVSched: A Communication-Aware Inter-VM Scheduling Technique for Decreased Network Latency between Co-Located VMs. IEEE Transactions on Cloud Computing, 2014, 2, 320-332.	4.4	28
84	Modeling and Analysis of the Thermal Properties Exhibited by Cyberphysical Data Centers. IEEE Systems Journal, 2017, 11, 163-172.	4.6	28
85	Optimal Data Center Scheduling for Quality of Service Management in Sensor-Cloud. IEEE Transactions on Cloud Computing, 2019, 7, 89-101.	4.4	27
86	Cloud Adoption in Malaysia: Trends, Opportunities, and Challenges. IEEE Cloud Computing, 2015, 2, 60-68.	3.9	26
87	Energy-aware fast scheduling heuristics in heterogeneous computing systems. , 2011, , .		25
88	MapReduce across Distributed Clusters for Data-intensive Applications. , 2012, , .		25
89	Special issue on energy-aware computing and communications. Cluster Computing, 2013, 16, 1-1.	5.0	25
90	Simultaneous detection of liquid level and refractive index with a long-period fiber grating based sensor device. Measurement Science and Technology, 2013, 24, 095303.	2.6	25

#	ARTICLE	IF	CITATIONS
91	C ² Detector: a covert channel detection framework in cloud computing. Security and Communication Networks, 2014, 7, 544-557.	1.5	24
92	e-Health Cloud: Privacy Concerns and Mitigation Strategies. , 2015, , 389-421.		23
93	Energy-Aware High Performance Computing: A Taxonomy Study. , 2011, , .		22
94	Zeus: A resource allocation algorithm for the cloud of sensors. Future Generation Computer Systems, 2019, 92, 564-581.	7.5	22
95	CloudNetSim++: A toolkit for data center simulations in OMNET++. , 2014, , .		21
96	Data-Intensive Workflow Optimization Based on Application Task Graph Partitioning in Heterogeneous Computing Systems. , 2014, , .		21
97	EvacSys: A Cloud-Based Service for Emergency Evacuation. IEEE Cloud Computing, 2016, 3, 60-68.	3.9	21
98	A Game-based Thermal-Aware Resource Allocation Strategy for Data Centers. IEEE Transactions on Cloud Computing, 2021, 9, 845-853.	4.4	21
99	CA-DAG: Communication-Aware Directed Acyclic Graphs for Modeling Cloud Computing Applications. , 2013, , .		20
100	Adaptive scheduling for multicasting hard deadline constrained prioritized data via network coding. , 2012, , .		19
101	Segregating Spammers and Unsolicited Bloggers from Genuine Experts on Twitter. IEEE Transactions on Dependable and Secure Computing, 2016, , 1-1.	5.4	19
102	Real-Time Facial Expression Recognition Based on Edge Computing. IEEE Access, 2021, 9, 76178-76190.	4.2	19
103	Progressive recovery for network virtualization after large-scale disasters. , 2016, , .		18
104	Privacy-preserving model and generalization correlation attacks for 1:M data with multiple sensitive attributes. Information Sciences, 2019, 488, 238-256.	6.9	17
105	A Cellular Genetic Algorithm for scheduling applications and energy-aware communication optimization. , 2010, , .		16
106	Parallel Processing of Massive EEG Data with MapReduce. , 2012, , .		16
107	Survey on social networking services. IET Networks, 2013, 2, 224-234.	1.8	16
108	A Reversible Watermarking Technique for Social Network Data Sets for Enabling Data Trust in Cyber, Physical, and Social Computing. IEEE Systems Journal, 2017, 11, 197-206.	4.6	16

#	ARTICLE	IF	CITATIONS
109	CloudNetSim++: A GUI Based Framework for Modeling and Simulation of Data Centers in OMNeT++. IEEE Transactions on Services Computing, 2017, 10, 506-519.	4.6	16
110	Memory-Aware Green Scheduling on Multi-core Processors. , 2010, , .		14
111	Hopfield neural network for simultaneous job scheduling and data replication in grids. Future Generation Computer Systems, 2013, 29, 1885-1900.	7.5	14
112	Performance Evaluation of Energy-Aware Best Fit Decreasing Algorithms for Cloud Environments. , 2015, , .		14
113	Power-aware resource allocation in computer clusters using dynamic threshold voltage scaling and dynamic voltage scaling: comparison and analysis. Cluster Computing, 2015, 18, 865-888.	5.0	14
114	QuantCloud: Big Data Infrastructure for Quantitative Finance on the Cloud. IEEE Transactions on Big Data, 2018, 4, 368-380.	6.1	14
115	A Social Network Based Process to Minimize In-Group Biasedness During Requirement Engineering. IEEE Access, 2018, 6, 66870-66885.	4.2	14
116	Request Dispatching for Minimizing Service Response Time in Edge Cloud Systems. , 2018, , .		14
117	xFogSim: A Distributed Fog Resource Management Framework for Sustainable IoT Services. IEEE Transactions on Sustainable Computing, 2021, 6, 691-702.	3.1	14
118	SeSPHR: A Methodology for Secure Sharing of Personal Health Records in the Cloud. IEEE Transactions on Cloud Computing, 2021, 9, 347-359.	4.4	14
119	Scalable and Energy-Efficient Scheduling Techniques for Large-Scale Systems. , 2011, , .		13
120	Solving symbolic regression problems with uniform design-aided gene expression programming. Journal of Supercomputing, 2013, 66, 1553-1575.	3.6	13
121	A study of incremental cryptography for security schemes in mobile cloud computing environments. , 2013, , .		13
122	CloudFlow: A data-aware programming model for cloud workflow applications on modern HPC systems. Future Generation Computer Systems, 2015, 51, 98-110.	7.5	13
123	Scalability Issues in Online Social Networks. ACM Computing Surveys, 2017, 49, 1-42.	23.0	13
124	Adadb: Adaptive Diff-Batch Optimization Technique for Gradient Descent. IEEE Access, 2021, 9, 99581-99588.	4.2	13
125	Survivable Cloud Network Mapping for Disaster Recovery Support. IEEE Transactions on Computers, 2015, 64, 2353-2366.	3.4	12
126	Exact feedback linearization-based permanent magnet synchronous generator control. International Transactions on Electrical Energy Systems, 2016, 26, 1917-1939.	1.9	12

#	ARTICLE	IF	CITATIONS
127	Efficient Cloud Provisioning for Video Transcoding: Review, Open Challenges and Future Opportunities. IEEE Internet Computing, 2018, 22, 46-55.	3.3	12
128	Energy and communication aware task mapping for MPSoCs. Journal of Parallel and Distributed Computing, 2018, 121, 71-89.	4.1	12
129	Secure Hash Algorithms and the Corresponding FPGA Optimization Techniques. ACM Computing Surveys, 2021, 53, 1-36.	23.0	12
130	Lowest priority first based feasibility analysis of real-time systems. Journal of Parallel and Distributed Computing, 2013, 73, 1066-1075.	4.1	11
131	A comparative study of voltage/frequency scaling in NoC. , 2013, , .		11
132	A Comparative Study of Job Scheduling Strategies in Large-Scale Parallel Computational Systems. , 2013, , .		11
133	Dimensions for Evaluating Cloud Resource Orchestration Frameworks. Computer, 2016, 49, 24-33.	1.1	11
134	A Decentralized Damage Detection System for Wireless Sensor and Actuator Networks. IEEE Transactions on Computers, 2016, 65, 1363-1376.	3.4	11
135	Heuristics for tile parallelism in HEVC. , 2017, , .		11
136	From Insight to Impact: Building a Sustainable Edge Computing Platform for Smart Homes. , 2018, , .		11
137	The Sponge Structure Modulation Application to Overcome the Security Breaches for the MD5 and SHA-1 Hash Functions. , 2019, , .		11
138	An Ancillary Services Model for Data Centers and Power Systems. IEEE Transactions on Cloud Computing, 2020, 8, 1176-1188.	4.4	11
139	Software Design and Implementation for MapReduce across Distributed Data Centers. Applied Mathematics and Information Sciences, 2013, 7, 85-90.	0.5	11
140	Routing Techniques in Data Center Networks. , 2015, , 507-532.		11
141	Convolutional neural networks as means to identify apposite sensor combination for human activity recognition. , 2018, , .		11
142	A two-phase heuristic for the scheduling of independent tasks on computational grids. , 2011, , .		10
143	A Multi-objective GRASP Algorithm for Joint Optimization of Energy Consumption and Schedule Length of Precedence-Constrained Applications. , 2011, , .		10
144	A Comparative Study of Baseline Algorithms of Face Recognition. , 2014, , .		10

#	ARTICLE	IF	CITATIONS
145	Automatic Vehicle Detection and Driver Identification Framework for Secure Vehicle Parking. , 2015, , .		10
146	A Cloud Based Framework for Identification of Influential Health Experts from Twitter. , 2015, , .		10
147	Adaptive Tile Parallelization for Fast Video Encoding in HEVC. , 2016, , .		10
148	Slice-based parallelization in HEVC encoding: Realizing the potential through efficient load balancing. , 2016, , .		10
149	Designing and Modeling of Covert Channels in Operating Systems. IEEE Transactions on Computers, 2016, 65, 1706-1719.	3.4	10
150	QuantCloud: Enabling Big Data Complex Event Processing for Quantitative Finance Through a Data-Driven Execution. IEEE Transactions on Big Data, 2019, 5, 564-575.	6.1	10
151	List-Based Task Scheduling for Cloud Computing. , 2016, , .		10
152	Virtual Overlay Network Scheduling. IEEE Communications Letters, 2011, 15, 893-895.	4.1	9
153	Stableâ€œpath multiâ€œchannel routing with extended level channel assignment. International Journal of Communication Systems, 2012, 25, 887-902.	2.5	9
154	A Parallel Framework for Object Detection and Recognition for Secure Vehicle Parking. , 2015, , .		9
155	Leveraging on Deep Memory Hierarchies to Minimize Energy Consumption and Data Access Latency on Single-Chip Cloud Computers. IEEE Transactions on Sustainable Computing, 2017, 2, 154-166.	3.1	9
156	Selfâ€œadaptation and mutual adaptation for distributed scheduling in benevolent clouds. Concurrency Computation Practice and Experience, 2017, 29, e3939.	2.2	9
157	A Big Data Storage Scheme Based on Distributed Storage Locations and Multiple Authorizations. , 2019, , .		9
158	Nutshellâ€œSimulation Toolkit for Modeling Data Center Networks and Cloud Computing. IEEE Access, 2019, 7, 19922-19942.	4.2	9
159	Online Inter-Datacenter Service Migrations. IEEE Transactions on Cloud Computing, 2020, 8, 1054-1068.	4.4	9
160	Convergence analysis of evolutionary algorithms in the presence of crash-faults and cheaters. Computers and Mathematics With Applications, 2012, 64, 3805-3819.	2.7	8
161	Distributed Algorithms for the Operator Placement Problem. IEEE Transactions on Computational Social Systems, 2015, 2, 182-196.	4.4	8
162	Mitigation and Improving SHA-1 Standard Using Collision Detection Approach. , 2018, , .		8

#	ARTICLE	IF	CITATIONS
163	Scheduling Video Transcoding Jobs in the Cloud. , 2018, , .		8
164	Online Live VM Migration Algorithms to Minimize Total Migration Time and Downtime. , 2019, , .		8
165	Randomness Analyses of the Secure Hash Algorithms, SHA-1, SHA-2 and Modified SHA. , 2019, , .		8
166	Quantitative Data Analysis in Finance. , 2017, , 719-753.		8
167	Simulating Fog Computing Applications Using iFogSim Toolkit. , 2021, , 565-590.		8
168	Secure Wireless Multicast for Delay-Sensitive Data via Network Coding. IEEE Transactions on Wireless Communications, 2013, 12, 3372-3387.	9.2	7
169	On Improving Constrained Single and Group Operator Placement Using Evictions in Big Data Environments. IEEE Transactions on Services Computing, 2016, 9, 818-831.	4.6	7
170	Guest Editorsâ€™ Introduction: Special Issue on Green and Energy-Efficient Cloud Computing: Part I. IEEE Transactions on Cloud Computing, 2016, 4, 119-121.	4.4	7
171	Formal Verification of the xDAuth Protocol. IEEE Transactions on Information Forensics and Security, 2016, , 1-1.	6.9	7
172	MobiContext: A Context-Aware Cloud-Based Venue Recommendation Framework. IEEE Transactions on Cloud Computing, 2017, 5, 712-724.	4.4	7
173	Estimation of fog utility pricing: a bio-inspired optimisation techniques' perspective. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 309-322.	1.0	7
174	Elements of Cloud Adoption. IEEE Cloud Computing, 2014, 1, 71-73.	3.9	6
175	Energy Efficient Resource Scheduling through VM Consolidation in Cloud Computing. , 2015, , .		6
176	A V2I communication-based pipeline model for adaptive urban traffic light scheduling. Frontiers of Computer Science, 2019, 13, 929-942.	2.4	6
177	A Taxonomy of Evolutionary Inspired Solutions for Energy Management in Green Computing: Problems and Resolution Methods. Studies in Computational Intelligence, 2012, , 215-233.	0.9	6
178	Energy-Efficient Scheduling on Milliclusters with Performance Constraints. , 2011, , .		5
179	Energy-Aware Grid Scheduling of Independent Tasks and Highly Distributed Data. , 2013, , .		5
180	The Curious Case of Distributed Systems and Continuous Computing. IT Professional, 2016, 18, 4-7.	1.5	5

#	ARTICLE	IF	CITATIONS
181	Robustness quantification of hierarchical complex networks under targeted failures. Computers and Electrical Engineering, 2018, 72, 112-124.	4.8	5
182	Blockchain-based decentralized workload and energy management of geo-distributed data centers. Sustainable Computing: Informatics and Systems, 2021, 29, 100461.	2.2	5
183	Savant: Automatic parallelization of a scheduling heuristic with machine learning. , 2013, , .		4
184	Nutshell: Cloud Simulation and Current Trends. , 2015, , .		4
185	Image transmission using unequal error protected multi-fold turbo codes over a two-user power-line binary adder channel. IET Image Processing, 2015, 9, 395-404.	2.5	4
186	C2Hunter: Detection and Mitigation of Covert Channels in Data Centers. , 2015, , 961-996.		4
187	Boosting the Accuracy of AdaBoost for Object Detection and Recognition. , 2016, , .		4
188	Genetic algorithm in finding Pareto frontier of optimizing data transfer versus job execution in grids. Concurrency Computation Practice and Experience, 2016, 28, 1715-1736.	2.2	4
189	Dynamic Mapping of Application Workflows in Heterogeneous Computing Environments. , 2017, , .		4
190	IEEE Access Special Section Editorial: Green Cloud and Fog Computing: Energy Efficiency and Sustainability Aware Infrastructures, Protocols, and Applications. IEEE Access, 2018, 6, 12280-12283.	4.2	4
191	A Pareto-Efficient Algorithm for Data Stream Processing at Network Edges. , 2018, , .		4
192	A Communication-Aware Energy-Efficient Graph-Coloring Algorithm for VM Placement in Clouds. , 2018, , .		4
193	A Framework for Dengue Surveillance and Data Collection in Pakistan. , 2019, , .		4
194	Constructions and Attacks on Hash Functions. , 2019, , .		4
195	Smart Data Center. , 2015, , 247-262.		4
196	Energy-Efficient Computing Using Agent-Based Multi-objective Dynamic Optimization. , 2011, , 267-287.		4
197	A Review on Task Performance Prediction in Multi-core Based Systems. , 2011, , .		3
198	Adopting trust and assurance as indicators for the reassignment of responsibilities in multi-agent systems. Knowledge Engineering Review, 2015, 30, 187-200.	2.6	3

#	ARTICLE	IF	CITATIONS
199	Divide&conquer approach for solving singular value decomposition based on MapReduce. Concurrency Computation Practice and Experience, 2016, 28, 331-350.	2.2	3
200	Cloud Adoption in Brazil. IT Professional, 2017, 19, 50-56.	1.5	3
201	Quantifying Cloud Elasticity with Container-Based Autoscaling. , 2017, , .		3
202	Server Consolidation in Cloud Computing. , 2018, , .		3
203	Data Stream Processing at Network Edges. , 2018, , .		3
204	Anonymous Privacy-Preserving Scheme for Big Data Over the Cloud. , 2019, , .		3
205	Facial Expression Recognition Based on Edge Computing. , 2019, , .		3
206	An Efficient Lightweight Cryptography Hash Function for Big Data and IoT Applications. , 2020, , .		3
207	Why should we pay more for layout designers?. , 2003, , .		2
208	Thermal-aware, power efficient, and makespan realized Pareto front for cloud scheduler. , 2015, , .		2
209	JEM: Just in Time/Just Enough Energy Management Methodology for Computing Systems. IEEE Transactions on Computers, 2015, 64, 1798-1804.	3.4	2
210	IEEE <italic>Access</italic> Special Section Editorial: Resource Management in Vehicular Adhoc Networks: Energy Management, Communication Protocol and Future Applications. IEEE Access, 2017, 5, 7839-7842.	4.2	2
211	Leading-Edge Technologies. IT Professional, 2019, 21, 4-5.	1.5	2
212	Empirical Discovery of Power-Law Distribution in MapReduce Scalability. IEEE Transactions on Cloud Computing, 2019, 7, 744-755.	4.4	2
213	Genetic-Based Solutions For Independent Batch Scheduling In Data Grids. , 2013, , .		2
214	Energy and Security Awareness in Evolutionary-Driven Grid Scheduling. Studies in Computational Intelligence, 2013, , 95-138.	0.9	2
215	Secure network-coded wireless multicast for delay-sensitive data. , 2012, , .		1
216	Cloud and E-commerce adoption. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
217	Data Center Modeling and Simulation Using OMNeT++. , 2015, , 839-855.		1
218	Security and Dependability of Cloud-Assisted Internet of Things. IEEE Cloud Computing, 2016, 3, 24-26.	3.9	1
219	Guest Editorsâ€™ Introduction: Special Issue on Green and Energy-Efficient Cloud Computing Part II. IEEE Transactions on Cloud Computing, 2017, 5, 152-154.	4.4	1
220	Process Streaming Healthcare Data with Adaptive MapReduce Framework. Scalable Computing and Communications, 2017, , 43-66.	0.5	1
221	Cloud-of-clouds based resource provisioning strategy for continuous write applications. , 2017, , .		1
222	Very low computational complexity (VLCC) architecture for optical interconnect in data center networks. Concurrency Computation Practice and Experience, 2018, 30, e4395.	2.2	1
223	Elastic CPU Cap Mechanism for Timely Dataflow Applications. Lecture Notes in Computer Science, 2018, , 554-568.	1.3	1
224	Graph-based Approaches for the Interval Scheduling Problem. , 2020, , .		1
225	How much more rain?. , 2003, 5049, 679.		0
226	Advance reservation for virtual overlay network services. , 2011, , .		0
227	A Massively Parallel Approach for Nonlinear Interdependency Analysis of Multivariate Signals with GPGPU. , 2012, , .		0
228	A New Cooperative Spectrum Sensing Scheme for Cognitive Ad-Hoc Networks. Mobile Networks and Applications, 2012, 17, 746-757.	3.3	0
229	Efficient neighbor channel reservation for contention resolution in optical burst-switched networks. Optical Engineering, 2013, 52, 080501.	1.0	0
230	Guest Editors' Introduction: Cloud-Based Smart Evacuation Systems for Emergency Management. IEEE Cloud Computing, 2014, 1, 26-29.	3.9	0
231	Progressive recovery for cloud-based infrastructure services. , 2015, , .		0
232	A consistent approach towards clustering in low energy adaptive clustering hierarchy protocol. , 2015, , .		0
233	Can quantitative finance benefit from IoT?. , 2017, , .		0
234	A System Architecture for Cloud of Sensors. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
235	Maintaining Fog Trust Through Continuous Assessment. Lecture Notes in Computer Science, 2019, , 129-137.	1.3	0
236	A Conditional-Constraint Optimization for Joint Energy Management of Data Center and Electric Vehicle Parking-Lot. , 2019, , .		0
237	Diverse Lightpath Protection against Correlated and Probabilistic Failures in Multi-Domain Optical Networks. , 2012, , .		0
238	Evaluation of Heterogeneous Scheduling Algorithms for Wavefront and Tile Parallelism in Video Coding. Lecture Notes in Computer Science, 2019, , 16-27.	1.3	0
239	On Efficiency of Scrambled Image Forensics Service Using Support Vector Machine. Lecture Notes in Computer Science, 2019, , 16-30.	1.3	0
240	Online Algorithms for the Interval Scheduling Problem in the Cloud: Affinity Pair Threshold Based Approaches. IEEE Transactions on Sustainable Computing, 2022, 7, 441-455.	3.1	0