

Muhammad Shafie A Abd Latiff

List of Publications by Year in descending order

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38
papers

1,169
citations

567281

15
h-index

526287

27
g-index

38
all docs

38
docs citations

38
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Whale optimization algorithm: a systematic review of contemporary applications, modifications and developments. <i>Neural Computing and Applications</i> , 2020, 32, 16245-16277.	5.6	155
2	Resource scheduling for infrastructure as a service (IaaS) in cloud computing: Challenges and opportunities. <i>Journal of Network and Computer Applications</i> , 2016, 68, 173-200.	9.1	146
3	Recent advancements in resource allocation techniques for cloud computing environment: a systematic review. <i>Cluster Computing</i> , 2017, 20, 2489-2533.	5.0	123
4	Performance comparison of heuristic algorithms for task scheduling in IaaS cloud computing environment. <i>PLoS ONE</i> , 2017, 12, e0176321.	2.5	102
5	Fault tolerance aware scheduling technique for cloud computing environment using dynamic clustering algorithm. <i>Neural Computing and Applications</i> , 2018, 29, 279-293.	5.6	87
6	A Review on Mobile SMS Spam Filtering Techniques. <i>IEEE Access</i> , 2017, 5, 15650-15666.	4.2	66
7	An Appraisal of Meta-Heuristic Resource Allocation Techniques for IaaS Cloud. <i>Indian Journal of Science and Technology</i> , 2016, 9, .	0.7	58
8	Multi-objective-Oriented Cuckoo Search Optimization-Based Resource Scheduling Algorithm for Clouds. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 3585-3602.	3.0	55
9	Hybrid gradient descent cuckoo search (HGDCS) algorithm for resource scheduling in IaaS cloud computing environment. <i>Cluster Computing</i> , 2019, 22, 301-334.	5.0	53
10	Next Forwarding Node Selection in Underwater Wireless Sensor Networks (UWSNs): Techniques and Challenges. <i>Information (Switzerland)</i> , 2017, 8, 3.	2.9	50
11	Secure Scientific Applications Scheduling Technique for Cloud Computing Environment Using Global League Championship Algorithm. <i>PLoS ONE</i> , 2016, 11, e0158102.	2.5	46
12	A checkpointed league championship algorithm-based cloud scheduling scheme with secure fault tolerance responsiveness. <i>Applied Soft Computing Journal</i> , 2017, 61, 670-680.	7.2	39
13	A review of routing strategies for optical burst switched networks. <i>International Journal of Communication Systems</i> , 2013, 26, 315-336.	2.5	26
14	A hybrid whale optimization algorithm with differential evolution optimization for multi-objective virtual machine scheduling in cloud computing. <i>Engineering Optimization</i> , 2022, 54, 1999-2016.	2.6	24
15	Content-based Information Retrieval Techniques Based on Grid Computing: A Review. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2013, 30, 223.	3.2	15
16	A Survey of League Championship Algorithm: Prospects and Challenges. <i>Indian Journal of Science and Technology</i> , 2015, 8, 101.	0.7	15
17	Pressure Based Routing Protocol for Underwater Wireless Sensor Network: A Survey. <i>KSII Transactions on Internet and Information Systems</i> , 2015, 9, 504-527.	0.3	14
18	QoS-aware ant-based route, wavelength and timeslot assignment algorithm for optical burst switched networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2015, 26, 1265-1277.	3.9	13

#	ARTICLE	IF	CITATIONS
19	Secure burst control packet scheme for Optical Burst Switching networks. , 2015, , .		12
20	A Cloud-based Conceptual Framework for Multi-Objective Virtual Machine Scheduling using Whale Optimization Algorithm. Journal of the Malaysian Branch of the Royal Asiatic Society, 2018, 8, .	0.2	10
21	Student Perception of Using Case Study as a Teaching Method. Procedia, Social and Behavioral Sciences, 2013, 93, 2200-2204.	0.5	9
22	Bioinspired Evolutionary Algorithm Based for Improving Network Coverage in Wireless Sensor Networks. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	9
23	Reactive traffic-aware routing strategy for urban vehicular environments. International Journal of Ad Hoc and Ubiquitous Computing, 2012, 10, 149.	0.5	6
24	An Overview of Distributed Energy-Efficient Topology Control for Wireless Ad Hoc Networks. Mathematical Problems in Engineering, 2013, 2013, 1-16.	1.1	6
25	A survey of grid-based searching techniques for large scale distributed data. Journal of Network and Computer Applications, 2016, 60, 170-179.	9.1	6
26	The utilization of algorithms for cloud internet of things application domains: a review. Frontiers of Computer Science, 2021, 15, 1.	2.4	6
27	Visualization Pipeline for Medical Datasets on Grid Computing Environment. , 2007, , .		4
28	Interaction-based Collaborative Recommendation: A Personalized Learning Environment (PLE) Perspective. KSII Transactions on Internet and Information Systems, 2015, 9, .	0.3	4
29	A Novel Routing Optimization in Optical Burst Switching Networks. , 2009, , .		3
30	Grid-based search technique for massive academic publications. , 2014, , .		3
31	Performance Measurement of Free-Space Optical 980Ånm Channel Using Multiple Sets of Environmental Conditions. Wireless Personal Communications, 2015, 85, 345-357.	2.7	3
32	Study on the performance of slotted and non-slotted Optical Burst Switched networks. , 2013, , .		1
33	3D Scientific Data Mining in Ion Trajectories. , 2010, , .		0
34	A fuzzy-based burst assembly approach to reduce end-to-end delay in OBS networks. , 2014, , .		0
35	Game Theory Based Construction Efficient Topology in Wireless Sensor Networks. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	0
36	Reliability aware Resource Scheduling based on Fuzzy Cuckoo Search (FCS) Technique for IaaS Cloud. IOP Conference Series: Materials Science and Engineering, 2020, 884, 012053.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Fuzzy-Based Adaptive Length Burst Assembly Technique for Loss Reduction in Optical Burst Switched Networks. <i>Advanced Science Letters</i> , 2016, 22, 2681-2685.	0.2	0
38	A Development of Headwater Phenomenon Warning and Monitoring System. , 2020, , .		0