Amir Masoud Rahmani

List of Publications by Year
in descending order

321 papers	6,454 citations	81743 39 h-index	118652 62 g-index
336 all docs	336 docs citations	336 times ranked	4241 citing authors

#	Article	IF	Citations
1	Internet of Things applications: A systematic review. Computer Networks, 2019, 148, 241-261.	3.2	360
2	Hearing loss prevalence and years lived with disability, 1990–2019: findings from the Global Burden of Disease Study 2019. Lancet, The, 2021, 397, 996-1009.	6.3	358
3	Load-balancing algorithms in cloud computing: A survey. Journal of Network and Computer Applications, 2017, 88, 50-71.	5.8	264
4	Expert Cloud: A Cloud-based framework to share the knowledge and skills of human resources. Computers in Human Behavior, 2015, 46, 57-74.	5.1	126
5	A comprehensive survey and taxonomy of the SVM-based intrusion detection systems. Journal of Network and Computer Applications, 2021, 178, 102983.	5.8	115
6	Dynamic VMs placement for energy efficiency by PSO in cloud computing. Journal of Experimental and Theoretical Artificial Intelligence, 2016, 28, 97-112.	1.8	111
7	Service composition approaches in IoT: A systematic review. Journal of Network and Computer Applications, 2018, 120, 61-77.	5.8	110
8	Fog Computing Applications in Smart Cities: A Systematic Survey. Wireless Networks, 2020, 26, 1433-1457.	2.0	89
9	Trust-based recommendation systems in Internet of Things: a systematic literature review. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	88
10	Systematic survey of big data and data mining in internet of things. Computer Networks, 2018, 139, 19-47.	3.2	87
11	Formal verification approaches and standards in the cloud computing: A comprehensive and systematic review. Computer Standards and Interfaces, 2018, 58, 1-22.	3.8	84
12	Coronavirus disease (COVID-19) prevention and treatment methods and effective parameters: A systematic literature review. Sustainable Cities and Society, 2021, 64, 102568.	5.1	84
13	HOCA: Healthcare Aware Optimized Congestion Avoidance and control protocol for wireless sensor networks. Journal of Network and Computer Applications, 2014, 37, 216-228.	5.8	76
14	Resource discovery mechanisms in grid systems: A survey. Journal of Network and Computer Applications, 2014, 41, 389-410.	5.8	73
15	QoS-aware service composition in cloud computing using data mining techniques and genetic algorithm. Journal of Supercomputing, 2017, 73, 1387-1415.	2.4	71
16	Quality of service-aware approaches in fog computing. International Journal of Communication Systems, 2020, 33, e4340.	1.6	68
17	Deep learning applications for IoT in health care: A systematic review. Informatics in Medicine Unlocked, 2021, 23, 100550.	1.9	63
18	Reliability and high availability in cloud computing environments: a reference roadmap. Human-centric Computing and Information Sciences, 2018, 8, .	6.1	61

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19	Load Balancing in Cloud Computing: A State of the Art Survey. International Journal of Modern Education and Computer Science, 2016, 8, 64-78.	2.4	61
20	Behavioral modeling and automated verification of a Cloud-based framework to share the knowledge and skills of human resources. Computers in Industry, 2015, 68, 65-77.	5.7	60
21	A secure remote health monitoring model for early disease diagnosis in cloud-based IoT environment. Personal and Ubiquitous Computing, 2023, 27, 697-713.	1.9	57
22	Personality classification based on profiles of social networks' users and the five-factor model of personality. Human-centric Computing and Information Sciences, 2018, 8, .	6.1	56
23	A moth–flame optimization algorithm for web service composition in cloud computing: Simulation and verification. Software - Practice and Experience, 2018, 48, 1865-1892.	2.5	56
24	The Role of the Internet of Things in Healthcare: Future Trends and Challenges. Computer Methods and Programs in Biomedicine, 2021, 199, 105903.	2.6	56
25	Deep Learning-Based Intrusion Detection Systems: A Systematic Review. IEEE Access, 2021, 9, 101574-101599.	2.6	56
26	Identifying Fake Accounts on Social Networks Based on Graph Analysis and Classification Algorithms. Security and Communication Networks, 2018, 2018, 1-8.	1.0	55
27	Job scheduling in the Expert Cloud based on genetic algorithms. Kybernetes, 2014, 43, 1262-1275.	1.2	51
28	Towards secure intrusion detection systems using deep learning techniques: Comprehensive analysis and review. Journal of Network and Computer Applications, 2021, 187, 103111.	5.8	51
29	PDDRA: A new pre-fetching based dynamic data replication algorithm in data grids. Future Generation Computer Systems, 2012, 28, 666-681.	4.9	49
30	A survey study on virtual machine migration and server consolidation techniques in DVFS-enabled cloud datacenter: Taxonomy and challenges. Journal of King Saud University - Computer and Information Sciences, 2020, 32, 267-286.	2.7	49
31	Cloud manufacturing: challenges, recent advances, open research issues, and future trends. International Journal of Advanced Manufacturing Technology, 2019, 102, 3613-3639.	1.5	48
32	A hybrid formal verification approach for QoS-aware multi-cloud service composition. Cluster Computing, 2020, 23, 2453-2470.	3.5	48
33	Task scheduling approaches in fog computing: A systematic review. International Journal of Communication Systems, 2020, 33, e4583.	1.6	47
34	Deterministic chaos game: A new fractal based pseudo-random number generator and its cryptographic application. Journal of Information Security and Applications, 2020, 52, 102472.	1.8	47
35	Integration of Internet of Things and cloud computing: a systematic survey. IET Communications, 2020, 14, 165-176.	1.5	45
36	Optimized Congestion Management Protocol for Healthcare Wireless Sensor Networks. Wireless Personal Communications, 2014, 75, 11-34.	1.8	44

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37	A comprehensive survey of energy-aware routing protocols in wireless body area sensor networks. Journal of Medical Systems, 2016, 40, 201.	2.2	44
38	Machine Learning (ML) in Medicine: Review, Applications, and Challenges. Mathematics, 2021, 9, 2970.	1.1	44
39	A Hybrid Service Selection and Composition Model for Cloud-Edge Computing in the Internet of Things. IEEE Access, 2020, 8, 85939-85949.	2.6	43
40	Expert Grid: New Type of Grid to Manage the Human Resources and Study the Effectiveness of Its Task Scheduler. Arabian Journal for Science and Engineering, 2014, 39, 6175-6188.	1.1	40
41	Detection and Elimination of Spyware and Ransomware by Intercepting Kernel-Level System Routines. IEEE Access, 2018, 6, 78321-78332.	2.6	40
42	Formal verification approaches in the web service composition: A comprehensive analysis of the current challenges for future research. International Journal of Communication Systems, 2018, 31, e3808.	1.6	39
43	Combat with Black hole attack in AODV routing protocol in MANET. , 2009, , .		38
44	The role of structured and unstructured data managing mechanisms in the Internet of things. Cluster Computing, 2020, 23, 1185-1198.	3.5	38
45	Event-driven IoT architecture for data analysis of reliable healthcare application using complex event processing. Cluster Computing, 2021, 24, 1347-1360.	3.5	38
46	Cloud computing service negotiation: A systematic review. Computer Standards and Interfaces, 2018, 55, 196-206.	3.8	37
47	Improving security using SVM-based anomaly detection: issues and challenges. Soft Computing, 2021, 25, 3195-3223.	2.1	37
48	Multi-objective Task Scheduling in cloud-fog computing using goal programming approach. Cluster Computing, 2022, 25, 141-165.	3.5	37
49	A medical monitoring scheme and health–medical service composition model in cloud–based IoT platform. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3637.	2.6	36
50	A reliable energy-aware approach for dynamic virtual machine consolidation in cloud data centers. Journal of Supercomputing, 2019, 75, 2126-2147.	2.4	36
51	Performance evaluation and analysis of load balancing algorithms in cloud computing environments. , 2016, , .		34
52	A taxonomy of software-based and hardware-based approaches for energy efficiency management in the Hadoop. Journal of Network and Computer Applications, 2019, 126, 162-177.	5.8	34
53	Artificial intelligence approaches and mechanisms for big data analytics: a systematic study. PeerJ Computer Science, 2021, 7, e488.	2.7	34
54	Highly reliable architecture using the 80/20 rule in cloud computing datacenters. Future Generation Computer Systems, 2017, 77, 77-86.	4.9	33

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55	A hybrid meta-heuristic task scheduling algorithm based on genetic and thermodynamic simulated annealing algorithms in cloud computing environments. Neural Computing and Applications, 2021, 33, 16951-16984.	3.2	33
56	An Energy-Aware and Predictive Fuzzy Logic-Based Routing Scheme in Flying Ad Hoc Networks (FANETs). IEEE Access, 2021, 9, 129977-130005.	2.6	33
57	An energy-aware and Q-learning-based area coverage for oil pipeline monitoring systems using sensors and Internet of Things. Scientific Reports, 2022, 12, .	1.6	32
58	An iterative mathematical decision model for cloud migration: A cost and security risk approach. Software - Practice and Experience, 2018, 48, 449-485.	2.5	31
59	Privacy-aware cloud service composition based on QoS optimization in Internet of Things. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 5295-5320.	3.3	31
60	Internet of Things architecture challenges: A systematic review. International Journal of Communication Systems, 2021, 34, e4678.	1.6	31
61	A Modified Simulated Annealing Algorithm for Static Task Scheduling in Grid Computing. , 2008, , .		30
62	Connectivity analysis for dynamic movement of vehicular ad hoc networks. Wireless Networks, 2017, 23, 843-858.	2.0	30
63	Automatic data clustering using continuous action-set learning automata and its application in segmentation of images. Applied Soft Computing Journal, 2017, 51, 253-265.	4.1	30
64	Task scheduling mechanisms in cloud computing: A systematic review. International Journal of Communication Systems, 2020, 33, e4302.	1.6	30
65	Fog data management: A vision, challenges, and future directions. Journal of Network and Computer Applications, 2021, 174, 102882.	5.8	30
66	Improved Butterfly Optimization Algorithm for Data Placement and Scheduling in Edge Computing Environments. Journal of Grid Computing, 2021, 19, 1.	2.5	30
67	Using differential evolution and Moth–Flame optimization for scientific workflow scheduling in fog computing. Applied Soft Computing Journal, 2021, 112, 107744.	4.1	28
68	EACHP: Energy Aware Clustering Hierarchy Protocol for Large Scale Wireless Sensor Networks. Wireless Personal Communications, 2015, 85, 765-789.	1.8	27
69	Probabilistic modeling to achieve load balancing in Expert Clouds. Ad Hoc Networks, 2017, 59, 12-23.	3.4	27
70	Cost-Aware Task Scheduling in Fog-Cloud Environment. , 2020, , .		27
71	A symbolic model checking approach in formal verification of distributed systems. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	26
72	Bi-level fuzzy based advanced reservation of Cloud workflow applications on distributed Grid resources. Journal of Supercomputing, 2014, 67, 175-218.	2.4	25

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73	Sharing spray and wait routing algorithm in opportunistic networks. Wireless Networks, 2016, 22, 2403-2414.	2.0	25
74	Formal modeling and verification of a service composition approach in the social customer relationship management system. Information Technology and People, 2019, 32, 1591-1607.	1.9	25
75	Social Internet of Things: vision, challenges, and trends. Human-centric Computing and Information Sciences, 2020, 10, .	6.1	25
76	Data-driven construction of SPARQL queries by approximate question graph alignment in question answering over knowledge graphs. Expert Systems With Applications, 2020, 146, 113205.	4.4	25
77	Internet of Things Applications: Opportunities and Threats. Wireless Personal Communications, 2022, 122, 451-476.	1.8	25
78	Market_based grid resource allocation using new negotiation model. Journal of Network and Computer Applications, 2013, 36, 543-565.	5.8	24
79	Energy and cost‐aware virtual machine consolidation in cloud computing. Software - Practice and Experience, 2018, 48, 1758-1774.	2.5	24
80	A model checking approach for user relationship management in the social network. Kybernetes, 2019, 48, 407-423.	1.2	24
81	Internet of Vehicles: Architecture, services, and applications. International Journal of Communication Systems, 2021, 34, e4793.	1.6	24
82	Optimized fuzzy clustering in wireless sensor networks using improved squirrel search algorithm. Fuzzy Sets and Systems, 2022, 438, 121-147.	1.6	24
83	A multi-objective approach for energy-efficient and reliable dynamic VM consolidation in cloud data centers. Engineering Science and Technology, an International Journal, 2022, 26, 100995.	2.0	23
84	A hybrid QoS multicast framework-based protocol for wireless mesh networks. Computer Communications, 2010, 33, 2079-2092.	3.1	22
85	Analysis of vehicular mobility in a dynamic free-flow highway. Vehicular Communications, 2017, 7, 51-57.	2.7	22
86	Towards Data and Computation Offloading in Mobile Cloud Computing: Taxonomy, Overview, and Future Directions. Wireless Personal Communications, 2021, 119, 147-185.	1.8	22
87	Energy-efficient and QoS-aware geographic routing protocol for wireless sensor networks. IEICE Electronics Express, 2011, 8, 582-588.	0.3	21
88	Service load balancing, scheduling, and logistics optimization in cloud manufacturing by using genetic algorithm. Concurrency Computation Practice and Experience, 2019, 31, e5329.	1.4	21
89	Scheduling of Scientific Workflows in Multi-Fog Environments Using Markov Models and a Hybrid Salp Swarm Algorithm. IEEE Access, 2020, 8, 189404-189422.	2.6	21
90	Virtual Machine Consolidation in Cloud Computing Systems: Challenges and Future Trends. Wireless Personal Communications, 2020, 115, 2289-2326.	1.8	21

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91	Negotiation strategies considering market, time and behavior functions for resource allocation in computational grid. Journal of Supercomputing, 2013, 66, 1350-1389.	2.4	20
92	The two-phase scheduling based on deep learning in the Internet of Things. Computer Networks, 2021, 185, 107684.	3.2	20
93	Resource scheduling methods in cloud and fog computing environments: a systematic literature review. Cluster Computing, 2022, 25, 911-945.	3.5	20
94	Performance Evaluation of Destination-Sequenced Distance-Vector (DSDV) Routing Protocol. , 2009, , .		19
95	A three-phase process for SLA negotiation of composite cloud services. Computer Standards and Interfaces, 2019, 64, 85-95.	3.8	19
96	An Area Coverage Scheme Based on Fuzzy Logic and Shuffled Frog-Leaping Algorithm (SFLA) in Heterogeneous Wireless Sensor Networks. Mathematics, 2021, 9, 2251.	1.1	19
97	Fault tolerant model for data dissemination in wireless sensor networks. , 2008, , .		18
98	A new fuzzy negotiation protocol for grid resource allocation. Journal of Network and Computer Applications, 2014, 37, 89-126.	5.8	18
99	Server consolidation techniques in virtualized data centers of cloud environments: A systematic literature review. Software - Practice and Experience, 2018, 48, 1688-1726.	2.5	18
100	MapReduce: an infrastructure review and research insights. Journal of Supercomputing, 2019, 75, 6934-7002.	2.4	18
101	Structural and behavioral reference model for IoTâ€based elderly healthâ€care systems in smart home. International Journal of Communication Systems, 2019, 32, e4002.	1.6	18
102	Service load balancing, task scheduling and transportation optimisation in cloud manufacturing by applying queuing system. Enterprise Information Systems, 2019, 13, 865-894.	3.3	18
103	RFOH: A New Fault Tolerant Job Scheduler in Grid Computing. , 2010, , .		17
104	FCCTF: Fairness Congestion Control for a disTrustful wireless sensor network using Fuzzy logic. , 2010, , .		17
105	Formal process algebraic modeling, verification, and analysis of an abstract Fuzzy Inference Cloud Service. Journal of Supercomputing, 2014, 67, 345-383.	2.4	17
106	Identifying fake feedback in cloud trust management systems using feedback evaluation component and Bayesian game model. Journal of Supercomputing, 2017, 73, 2682-2704.	2.4	17
107	E-Learning Development Based on Internet of Things and Blockchain Technology during COVID-19 Pandemic. Mathematics, 2021, 9, 3151.	1.1	17
108	A Heuristic on Job Scheduling in Grid Computing Environment. , 2008, , .		16

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109	An IEEE 1149.1-based BIST method for at-speed testing of inter-switch links in network on chip. Microelectronics Journal, 2010, 41, 417-429.	1.1	16
110	Developing Inherently Resilient Software Against Soft-Errors Based on Algorithm Level Inherent Features. Journal of Electronic Testing: Theory and Applications (JETTA), 2014, 30, 193-212.	0.9	16
111	A dynamic key management scheme for dynamic wireless sensor networks. Security and Communication Networks, 2015, 8, 1040-1049.	1.0	16
112	DNN pruning and mapping on NoC-Based communication infrastructure. Microelectronics Journal, 2019, 94, 104655.	1.1	16
113	Applying queue theory for modeling of cloud computing: A systematic review. Concurrency Computation Practice and Experience, 2019, 31, e5186.	1.4	16
114	A fault-tolerant architecture for internet-of-things based on software-defined networks. Telecommunication Systems, 2021, 77, 155-169.	1.6	16
115	A Survey for Replica Placement Techniques in Data Grid Environment. International Journal of Modern Education and Computer Science, 2014, 6, 46-51.	2.4	16
116	Fuzzy Based Trust Estimation for Congestion Control in Wireless Sensor Networks. , 2009, , .		15
117	A multi-parameter scheduling method of dynamic workloads for big data calculation in cloud computing. Journal of Supercomputing, 2017, 73, 4796-4822.	2.4	15
118	Automated negotiation for ensuring composite service requirements in cloud computing. Journal of Systems Architecture, 2019, 99, 101632.	2.5	15
119	An energyâ€aware virtual machines consolidation method for cloud computing: Simulation and verification. Software - Practice and Experience, 2022, 52, 194-235.	2.5	15
120	Improving the performance of opportunistic routing protocol using the evidence theory for VANETs in highways. IET Communications, 2019, 13, 3360-3368.	1.5	14
121	A novel algorithm for handling reducer side data skew in MapReduce based on a learning automata game. Information Sciences, 2019, 501, 662-679.	4.0	14
122	An evolutionary game approach to IoT task offloading in fog-cloud computing. Journal of Supercomputing, 2021, 77, 5398-5425.	2.4	14
123	Application of virtual machine consolidation in cloud computing systems. Sustainable Computing: Informatics and Systems, 2021, 30, 100524.	1.6	14
124	Privacy-preserving for the internet of things in multi-objective task scheduling in cloud-fog computing using goal programming approach. Peer-to-Peer Networking and Applications, 2021, 14, 3865-3890.	2.6	14
125	FWDP: A fuzzy logic-based vehicle weighting model for data prioritization in vehicular ad hoc networks. Vehicular Communications, 2022, 33, 100413.	2.7	14
126	Clustering for smart cities in the internet of things: a review. Cluster Computing, 2022, 25, 4097-4127.	3.5	14

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127	Multiprocessor independent tasks scheduling using a novel heuristic PSO algorithm. , 2009, , .		13
128	A New Approach for Election Algorithm in Distributed Systems. , 2009, , .		13
129	Task graph pre-scheduling, using Nash equilibrium in game theory. Journal of Supercomputing, 2013, 64, 177-203.	2.4	13
130	Cloud light weight: A new solution for load balancing in cloud computing. , 2014, , .		13
131	A Reader Anti-collision Protocol for RFID-Enhanced Wireless Sensor Networks. Wireless Personal Communications, 2015, 81, 893-905.	1.8	13
132	Adaptive and Distributed TDMA Scheduling Protocol for Wireless Sensor Networks. Wireless Personal Communications, 2015, 80, 947-969.	1.8	13
133	A note on the exclusion operator in multi-swarm PSO algorithms for dynamic environments. Connection Science, 2020, 32, 239-263.	1.8	13
134	A systematic literature review of vehicle speed assistance in intelligent transportation system. IET Intelligent Transport Systems, 2021, 15, 973-986.	1.7	13
135	A Novel Genetic Algorithm for Static Task Scheduling in Distributed Systems. International Journal of Computer Theory and Engineering, 2009, , 1-6.	3.2	13
136	Gravitational Emulation Local Search Algorithm for Advanced Reservation and Scheduling in Grid Computing Systems. , 2009, , .		12
137	Self-adaptive architecture for virtual machines consolidation based on probabilistic model evaluation of data centers in Cloud computing. Cluster Computing, 2018, 21, 1711-1733.	3.5	12
138	User behavior mining on social media: a systematic literature review. Multimedia Tools and Applications, 2019, 78, 33747-33804.	2.6	12
139	A New Strong Adversary Model for RFID Authentication Protocols. IEEE Access, 2020, 8, 125029-125045.	2.6	12
140	Webpage Classification based on Compound of Using HTML Features & URL Features and Features of Sibling Pages. International Journal of Advancements in Computing Technology, 2010, 2, 36-46.	0.1	12
141	SParseQA: Sequential word reordering and parsing for answering complex natural language questions over knowledge graphs. Knowledge-Based Systems, 2022, 235, 107626.	4.0	12
142	Resource allocation mechanisms in cloud computing: a systematic literature review. IET Software, 2020, 14, 638-653.	1.5	12
143	Plant competition optimization: A novel metaheuristic algorithm. Expert Systems, 2022, 39, .	2.9	12
144	Automatic COVID-19 detection mechanisms and approaches from medical images: a systematic review. Multimedia Tools and Applications, 2022, 81, 28779-28798.	2.6	12

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145	Implementation of neural networks for intrusion detection in manet. , 2011, , .		11
146	CCTF: congestion control protocol based on trustworthiness of nodes in Wireless Sensor Networks using fuzzy logic. International Journal of Ad Hoc and Ubiquitous Computing, 2011, 8, 54.	0.3	11
147	Renewal Process of Information Propagation in Delay Tolerant VANETs. Wireless Personal Communications, 2016, 89, 1045-1063.	1.8	11
148	New comprehensive model based on virtual clusters and absorbing Markov chains for energy-efficient virtual machine management in cloud computing. Journal of Supercomputing, 2020, 76, 7438-7457.	2.4	11
149	SPO: A Secure and Performance-aware Optimization for MapReduce Scheduling. Journal of Network and Computer Applications, 2021, 176, 102944.	5.8	11
150	Trust-based Friend Selection Algorithm for navigability in social Internet of Things. Knowledge-Based Systems, 2021, 232, 107479.	4.0	11
151	Main Content Extraction from Detailed Web Pages. International Journal of Computer Applications, 2010, 4, 18-21.	0.2	11
152	Mathematical model for the scheduling of real-time applications in IoT using Dew computing. Journal of Supercomputing, 2022, 78, 7464-7488.	2.4	11
153	A Genetic Algorithm to Time-Cost Trade off in project scheduling. , 2008, , .		10
154	Forecasting stock prices using a hybrid Artificial Bee Colony based neural network. , 2012, , .		10
155	MapReduce Data Skewness Handling: A Systematic Literature Review. International Journal of Parallel Programming, 2019, 47, 907-950.	1.1	10
156	Improving the readability and saliency of abstractive text summarization using combination of deep neural networks equipped with auxiliary attention mechanism. Journal of Supercomputing, 2022, 78, 2528-2555.	2.4	10
157	Job Scheduling in Multi Processor Architecture Using Genetic Algorithm. , 2007, , .		9
158	A Novel Intelligent Algorithm for Fault-Tolerant Task Scheduling in Real-Time Multiprocessor Systems. , 2008, , .		9
159	A Straight Moving Path Planner for Mobile Robots in Static Environments Using Cellular Automata. , 2010, , .		9
160	Data placement using Dewey Encoding in a hierarchical data grid. Journal of Network and Computer Applications, 2015, 49, 88-98.	5.8	9
161	GaMeâ€Live: a new game theoretic mechanism for P2P live video streaming. International Journal of Communication Systems, 2016, 29, 1187-1203.	1.6	9
162	A new metaheuristic approach to task assignment problem in distributed systems. , 2017, , .		9

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163	A learning automataâ€based clustering algorithm using ant swarm intelligence. Expert Systems, 2018, 35, e12310.	2.9	9
164	A systematic literature review on formal verification of softwareâ€defined networks. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3788.	2.6	9
165	Fog-based architecture for scheduling multiple workflows with high availability requirement. Computing (Vienna/New York), 2022, 104, 169-208.	3.2	9
166	Enterprise service composition models in IoT context: solutions comparison. Journal of Supercomputing, 2022, 78, 2015-2042.	2.4	9
167	Optimized fuzzy clustering using moth-flame optimization algorithm in wireless sensor networks. Artificial Intelligence Review, 2022, 55, 1915-1945.	9.7	9
168	Friendship selection and management in social internet of things: A systematic review. Computer Networks, 2021, 201, 108568.	3.2	9
169	The role of lowâ€power wideâ€area network technologies in Internet of Things: A systematic and comprehensive review. International Journal of Communication Systems, 2022, 35, e5036.	1.6	9
170	Design and Power Analysis of an Ultra-high Speed Fault-tolerant Full-adder Cell in Quantum-dot Cellular Automata. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	9
171	A flexible approach for virtual machine selection in cloud data centers with AHP. Software - Practice and Experience, 2022, 52, 1216-1241.	2.5	9
172	A centralized cookie-based single sign-on in distributed systems. , 2007, , .		8
173	Solving Distributed Flexible Manufacturing Systems Scheduling Problems Subject to Maintenance: Memetic Algorithms Approach. , 2009, , .		8
174	An Agent-based Semantic Web Service Discovery Framework. , 2009, , .		8
175	CPTR: conditional probability tree based routing in opportunistic networks. Wireless Networks, 2017, 23, 43-50.	2.0	8
176	A data replication algorithm for groups of files in data grids. Journal of Parallel and Distributed Computing, 2018, 113, 115-126.	2.7	8
177	A memetic grouping genetic algorithm for cost efficient VM placement in multi-cloud environment. Cluster Computing, 2020, 23, 797-836.	3.5	8
178	AFAR: adaptive fuzzy ant-based routing for communication networks. Journal of Zhejiang University: Science A, 2008, 9, 1666-1675.	1.3	7
179	QCTC: QoS-Based Clustering Topology Control Algorithm for Wireless Sensor Networks. , 2008, , .		7
180	The New Genetic Based Method with Optimum Number of Super Node in Heterogeneous Wireless Sensor Network for Fault Tolerant System. , 2009, , .		7

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181	Ant Colony Based Node Deployment and Search in Wireless Sensor Networks. , 2010, , .		7
182	A fuzzy algorithm for adaptive multilevel queue management with QoS feedback. , 2011, , .		7
183	CaR-PLive: Cloud-assisted reinforcement learning based P2P live video streaming: a hybrid approach. Multimedia Tools and Applications, 2019, 78, 34095-34127.	2.6	7
184	An Evolutionary Game Approach to Safety-Aware Speed Recommendation in Fog/Cloud-Based Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7431-7440.	4.7	7
185	A new model for analyzing the role of new ICT-based technologies on the success of employees' learning programs. Kybernetes, 2022, 51, 2156-2171.	1.2	7
186	AMAPG: Advanced Mobile Authentication Protocol for GLOMONET. IEEE Access, 2021, 9, 88256-88271.	2.6	7
187	COCM: Class Based Optimized Congestion Management Protocol for Healthcare Wireless Sensor Networks. Wireless Sensor Network, 2013, 05, 137-149.	0.3	7
188	Big data applications on the Internet of Things: A systematic literature review. International Journal of Communication Systems, 2021, 34, e5004.	1.6	7
189	BCmECC: A Lightweight Blockchain-Based Authentication and Key Agreement Protocol for Internet of Things. Mathematics, 2021, 9, 3241.	1.1	7
190	Analytical model for task offloading in a fog computing system with batch-size-dependent service. Computer Communications, 2022, 190, 201-215.	3.1	7
191	An Optimal Path-Finding Algorithm in Smart Cities by Considering Traffic Congestion and Air Pollution. IEEE Access, 2022, 10, 55126-55135.	2.6	7
192	Carbon monoxide prediction using novel intelligent network. International Journal of Environmental Science and Technology, 2005, 1, 257-264.	1.8	6
193	Multi-state Fault Tolerant Topology Control Algorithm for Wireless Sensor Networks. , 2008, , .		6
194	SBCA: Score Based Clustering Algorithm for Mobile AD-hoc Networks. , 2008, , .		6
195	A New Approach for Sensor Scheduling in Wireless Sensor Networks Using Simulated Annealing. , 2009, , .		6
196	Solving the scheduling problem in multi-processor systems with communication cost and precedence using bee colony system. , 2010, , .		6
197	AGC4ISR, New Software Architecture for Autonomic Grid Computing. , 2010, , .		6
198	A File Group Data Replication Algorithm for Data Grids. Journal of Grid Computing, 2017, 15, 379-393.	2.5	6

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199	Cloud dependability analysis: Characterizing Google cluster infrastructure reliability. , 2017, , .		6
200	Dependability analysis for characterizing Google cluster reliability. International Journal of Communication Systems, 2019, 32, e4127.	1.6	6
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202	Increasing fault tolerance of data plane on the internet of things using the software-defined networks. PeerJ Computer Science, 2021, 7, e543.	2.7	6
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