Chunlin Li

List of Publications by Year
in descending order

77 papers	643 citations	840776 11 h-index	794594 19 g-index
77 all docs	77 docs citations	77 times ranked	499 citing authors

#	Article	IF	Citations
1	Offloading Optimization and Time Allocation for Multiuser Wireless Energy Transfer Based Mobile Edge Computing System. Mobile Networks and Applications, 2022, 27, 1783-1791.	3.3	7
2	A novel fourâ€tier softwareâ€defined network architecture for scalable secure routing and load balancing. International Journal of Communication Systems, 2022, 35, e5020.	2.5	2
3	Efficient multi-attribute precedence-based task scheduling for edge computing in geo-distributed cloud environment. Knowledge and Information Systems, 2022, 64, 175-205.	3.2	4
4	Optimization of heat-based cache replacement in edge computing system. Journal of Supercomputing, 2021, 77, 2268-2301.	3.6	5
5	An Optimized Cloudlet Scheduling Based Method for Tablets and Mobile Phones. , 2021, , .		1
6	Deep reinforcement learning-based resource allocation and seamless handover in multi-access edge computing based on SDN. Knowledge and Information Systems, 2021, 63, 2479-2511.	3.2	12
7	Service cost-based resource optimization and load balancing for edge and cloud environment. Knowledge and Information Systems, 2020, 62, 4255-4275.	3.2	5
8	Fast replica recovery and adaptive consistency preservation for edge cloud system. Soft Computing, 2020, 24, 14943-14964.	3.6	7
9	Elastic edge cloud resource management based on horizontal and vertical scaling. Journal of Supercomputing, 2020, 76, 7707-7732.	3.6	13
10	Intermediate Data Placement Strategy for Different Data Skew Levels Based on Random Sampling in Spark. , 2019, , .		0
11	Adaptive Threshold Detection Based on Current Demand for Efficient Utilization of Cloud Resources. , 2019, , .		2
12	Optimized Speculative Execution Strategy for Different Workload Levels in Heterogeneous Spark Cluster. , 2019, , .		3
13	Collaborative Mobile Edge and Cloud Computing: Tasks Unloading for Improving Usersâ€™ Quality of Experience in Resource-Intensive Mobile Applications. , 2019, , .		6
14	Prediction of Groups Responsible for Terrorism Attack Using Tree Based Models. , 2019, , .		5
15	Cost-aware scheduling for ensuring software performance and reliability under heterogeneous workloads of hybrid cloud. Automated Software Engineering, 2019, 26, 125-159.	2.9	5
16	Combining Tag Correlation and Interactive Behaviors for Community Discovery. Computer Journal, 2019, 62, 785-800.	2.4	1
17	Optimal media service selection scheme for mobile users in mobile cloud. Wireless Networks, 2019, 25, 3179-3192.	3.0	3
18	Scheduling multimedia services in cloud computing environment. Enterprise Information Systems, 2018, 12, 218-235.	4.7	9

#	Article	IF	Citations
19	Distributed QoS-aware scheduling optimization for resource-intensive mobile application in hybrid cloud. Cluster Computing, 2018, 21, 1331-1348.	5.0	10
20	Creating Password Security using Spark Authentication Secret for Data Privacy and Protection. , 2018, , .		0
21	Efficient QoS aware two-layer service allocation in hybrid mobile cloud. Automated Software Engineering, 2018, 25, 569-593.	2.9	1
22	Towards operational cost minimization for cloud bursting with deadline constraints in hybrid clouds. Cluster Computing, 2018, 21, 2013-2029.	5.0	7
23	Optimal scheduling across public and private clouds in complex hybrid cloud environment. Information Systems Frontiers, 2017, 19, 1-12.	6.4	19
24	Agents collaborationâ€based service provisioning strategy for large enterprise business in hybrid cloud. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2965.	3.9	1
25	Elastic resource provisioning in hybrid mobile cloud for computationally intensive mobile applications. Journal of Supercomputing, 2017, 73, 3683-3714.	3.6	6
26	Energyâ€aware crossâ€layer resource allocation in mobile cloud. International Journal of Communication Systems, 2017, 30, e3258.	2.5	6
27	Resource scheduling approach for multimedia cloud content management. Journal of Supercomputing, 2017, 73, 5150-5172.	3.6	5
28	An Optimal Clustering Routing Algorithm for Wireless Sensor Networks with Small-World Property. Wireless Personal Communications, 2017, 96, 2983-2998.	2.7	1
29	QoSâ€based resource allocation across local and public cloud for resourceâ€constrained mobile device. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3126.	3.9	0
30	Load-Balancing Based Cross-Layer Elastic Resource Allocation in Mobile Cloud. Wireless Personal Communications, 2017, 97, 2399-2437.	2.7	2
31	Optimization-based resource allocation for software as a service application in cloud computing. Journal of Scheduling, 2017, 20, 103-113.	1.9	9
32	An Improved Task Scheduling Algorithm Based on Cache Locality and Data Locality in Hadoop. , 2016, , .		3
33	Efficient service selection approach for mobile devices in mobile cloud. Journal of Supercomputing, 2016, 72, 2197-2220.	3.6	9
34	Distributed two-level cloud-based multimedia task scheduling. Automatic Control and Computer Sciences, 2016, 50, 141-150.	0.8	3
35	Hybrid Cloud Scheduling Method for Cloud Bursting. Fundamenta Informaticae, 2015, 138, 435-455.	0.4	4
36	Hybrid cloud service selection strategy: Model and application of campus. Computer Applications in Engineering Education, 2015, 23, 645-657.	3.4	4

#	Article	IF	Citations
37	Performance Guarantee Mechanism for Multi-Tenancy SaaS Service Based on Kalman Filtering. Cybernetics and Information Technologies, 2015, 15, 150-164.	1.1	0
38	Cost and energy aware service provisioning for mobile client in cloud computing environment. Journal of Supercomputing, 2015, 71, 1196-1223.	3.6	37
39	Efficient Market Strategy Based Optimal Scheduling in Hybrid Cloud Environments. Wireless Personal Communications, 2015, 83, 581-602.	2.7	12
40	An Energy Level Based Routing Protocol in Ad Hoc Networks. Wireless Personal Communications, 2015, 81, 981-996.	2.7	5
41	Hierarchical Scheduling Optimization Scheme in Hybrid Cloud Computing Environments. Journal of Circuits, Systems and Computers, 2015, 24, 1550111.	1.5	4
42	Multi-Layer Resource Management in Cloud Computing. Journal of Network and Systems Management, 2014, 22, 100-120.	4.9	8
43	Research on energy management in data center. , 2014, , .		0
44	A virtual data center deployment model based on the green cloud computing. , 2014, , .		10
45	Phased Scheduling for Resource-Constrained Mobile Devices in Mobile Cloud Computing. Wireless Personal Communications, 2014, 77, 2817-2837.	2.7	15
46	Sensor grid resource management: Model and implementation issues. ISA Transactions, 2014, 53, 1261-1267.	5.7	3
47	Efficient resource allocation for optimizing objectives of cloud users, IaaS provider and SaaS provider in cloud environment. Journal of Supercomputing, 2013, 65, 866-885.	3.6	33
48	Agent based sensors resource allocation in sensor grid. Applied Intelligence, 2013, 39, 121-131.	5.3	5
49	Comparison of Dynamic Trust Management Model in Cloud Computing. , 2012, , .		0
50	An efficient resource allocation for maximizing benefit of users and resource providers in ad hoc grid environment. Information Systems Frontiers, 2012, 14, 987-998.	6.4	6
51	Optimal resource provisioning for cloud computing environment. Journal of Supercomputing, 2012, 62, 989-1022.	3.6	64
52	Resource prediction based on double exponential smoothing in cloud computing. , 2012, , .		68
53	Collaboration among mobile agents for efficient energy allocation in mobile grid. Information Systems Frontiers, 2012, 14, 711-723.	6.4	10
54	A resource selection scheme for QoS satisfaction andÂload balancing in ad hoc grid. Journal of Supercomputing, 2012, 59, 499-525.	3.6	5

#	Article	IF	Citations
55	Tradeoffs between energy consumption and QoS inÂmobile grid. Journal of Supercomputing, 2011, 55, 367-399.	3.6	17
56	Energy Efficient Resource Management in Mobile Grid. Mobile Information Systems, 2010, 6, 193-211.	0.6	9
57	On Authentication System Based on 802.1X Protocol in LAN. , 2010, , .		1
58	Notice of Retraction: The Research Based on Mobile Devices Accessing Mechanism in Pervasive Grid Environment. , 2010, , .		0
59	New energy model: Prolonging the lifetime of Ad-hoc On-Demand Distance Vector Routing Protocols (AODV). , 2010, , .		8
60	Ad Hoc grid task scheduling algorithm considering trust-demand. , 2010, , .		3
61	Joint optimisation of application QoS and energy conservation in grid environment. International Journal of Systems Science, 2010, 41, 1027-1041.	5.5	4
62	Joint Optimization of Resource Allocation and User QoS Satisfaction Control for Efficient Grid Resource Management and Scheduling. IEEE Systems Journal, 2009, 3, 65-77.	4.6	6
63	Hierarchical control policy for dynamic resource management in grid virtual organization. Journal of Supercomputing, 2009, 49, 190-218.	3.6	3
64	Two-layer optimisation policy for improvement of application performance and resource utilisation in grid environments. International Journal of Systems Science, 2009, 40, 601-613.	5.5	0
65	QoS multicast routing protocol in hierarchical wireless MANET. Science in China Series F: Information Sciences, 2008, 51, 196-212.	1.1	8
66	A new optimal approach for multiple optimisation objectives grid resource allocation and scheduling. International Journal of Systems Science, 2008, 39, 1127-1138.	5.5	2
67	Multiple QoS modeling and algorithm in computational grid. Journal of Systems Engineering and Electronics, 2007, 18, 412-417.	2.2	3
68	An optimization approach for decentralized QoS-based scheduling based on utility and pricing in Grid computing. Concurrency Computation Practice and Experience, 2007, 19, 107-128.	2.2	5
69	Optimal Multiple QoS Resource Scheduling In Grid Computing. , 2006, , .		3
70	Multi economic agent interaction for optimizing the aggregate utility of grid users in computational grid. Applied Intelligence, 2006, 25, 147-158.	5.3	41
71	A QoS multicast routing protocol for mobile ad-hoc networks. , 2005, , .		2
72	Pricing and resource allocation in computational grid with utility functions. , 2005, , .		13

#	Article	IF	Citations
73	A distributed QoS-Aware multicast routing protocol. Acta Informatica, 2003, 40, 211-233.	0.5	25
74	Apply Market Mechanism to Agent-Based Grid Resource Management. International Journal of Software Engineering and Knowledge Engineering, 2003, 13, 327-340.	0.8	14
75	A distributed multicast routing protocol with QoS constraints. , 0, , .		2
76	An agent-based approach for grid computing. , 0, , .		9
77	A new QoS multicast routing protocol. , 0, , .		0