Jun Huang

List of Publications by Year
in descending order

62	2,229	394421	276875
papers	citations	19	41
		h-index	g-index

62	62	62	2631
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drop Maslow's Hammer or not. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2022, 22, 5-14.	0.9	3
2	AI-Enabled Task Offloading for Improving Quality of Computational Experience in Ultra Dense Networks. ACM Transactions on Internet Technology, 2022, 22, 1-17.	4.4	13
3	On Searching Multiple Disjoint Shortest Paths in Scale-Free Networks With Hyperbolic Geometry. IEEE Transactions on Network Science and Engineering, 2022, 9, 2772-2785.	6.4	2
4	Intelligent Edge Computing in Internet of Vehicles: A Joint Computation Offloading and Caching Solution. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2212-2225.	8.0	211
5	Online Energy Scheduling Policies in Energy Harvesting Enabled D2D Communications. IEEE Transactions on Industrial Informatics, 2021, 17, 5678-5687.	11.3	10
6	When Deep Reinforcement Learning Meets 5G-Enabled Vehicular Networks: A Distributed Offloading Framework for Traffic Big Data. IEEE Transactions on Industrial Informatics, 2020, 16, 1352-1361.	11.3	120
7	Intelligent Maritime Networking With Edge Services and Computing Capability. IEEE Transactions on Vehicular Technology, 2020, 69, 13606-13620.	6.3	30
8	Power Allocation for D2D Communications With SWIPT. IEEE Transactions on Wireless Communications, 2020, 19, 2308-2320.	9.2	36
9	Energy-Efficient SWIPT-Empowered D2D Mode Selection. IEEE Transactions on Vehicular Technology, 2020, 69, 3903-3915.	6.3	16
10	Energy-Efficient Mode Selection for D2D Communication in SWIPT Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 693-706.	0.3	0
11	Mobile Edge Computing-Enabled Internet of Vehicles: Toward Energy-Efficient Scheduling. IEEE Network, 2019, 33, 198-205.	6.9	200
12	An Energy-Efficient Communication Scheme for Collaborative Mobile Clouds in Content Sharing: Design and Optimization. IEEE Transactions on Industrial Informatics, 2019, 15, 5700-5707.	11.3	10
13	Deep Reinforcement Learning for Intelligent Internet of Vehicles: An Energy-Efficient Computational Offloading Scheme. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1060-1072.	7.9	124
14	Vehicular Fog Computing: Enabling Real-Time Traffic Management for Smart Cities. IEEE Wireless Communications, 2019, 26, 87-93.	9.0	304
15	Performance analysis for multi-priority data flow scheduling in SDN. , 2019, , .		0
16	Multi-Hop D2D Communications With Network Coding: From a Performance Perspective. IEEE Transactions on Vehicular Technology, 2019, 68, 2270-2282.	6.3	23
17	A Differentiated Reservation MAC Protocol for Achieving Fairness and Efficiency in Multi-Rate IEEE 802.11 WLANs. IEEE Access, 2019, 7, 12133-12145.	4.2	16
18	In-Vehicle Networking: Protocols, Challenges, and Solutions. IEEE Network, 2019, 33, 92-98.	6.9	56

#	ARTICLE	IF	CITATIONS
19	Energy-efficient power allocation in analogue network coding based multi-hop D2D communication. , 2019, , .		0
20	Energy scheduling mechanism for intelligent terminal with simultaneous wireless information and power transfer. , 2019, , .		0
21	Converged Network-Cloud Service Composition with End-to-End Performance Guarantee. IEEE Transactions on Cloud Computing, 2018, 6, 545-557.	4.4	18
22	Performance Analysis of Relay-Based Two-Way D2D Communications With Network Coding. IEEE Transactions on Vehicular Technology, 2018, 67, 6642-6646.	6.3	18
23	Efficient Pâ€cycle combination protection strategy based on improved genetic algorithm in elastic optical networks. IET Optoelectronics, 2018, 12, 73-79.	3.3	14
24	Competitions Among Service Providers in Cloud Computing: A New Economic Model. IEEE Transactions on Network and Service Management, 2018, 15, 866-877.	4.9	14
25	Game-Theoretic Power Control Mechanisms for Device-to-Device Communications Underlaying Cellular System. IEEE Transactions on Vehicular Technology, 2018, 67, 4890-4900.	6.3	23
26	Data Aggregation Point Placement Problem in Neighborhood Area Networks of Smart Grid. Mobile Networks and Applications, 2018, 23, 696-708.	3.3	21
27	An Effective Approach to Controller Placement in Software Defined Wide Area Networks. IEEE Transactions on Network and Service Management, 2018, 15, 344-355.	4.9	132
28	Resource Allocation for Multicell Device-to-Device Communications Underlaying 5G Networks: A Game-Theoretic Mechanism With Incomplete Information. IEEE Transactions on Vehicular Technology, 2018, 67, 2557-2570.	6.3	55
29	Evolution and challenges of DNS-based CDNs. Digital Communications and Networks, 2018, 4, 235-243.	5.0	7
30	Energy-Efficient Mode Selection for D2D Communications in Cellular Networks. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 869-882.	7.9	24
31	Guest Editorial Special Issue on Wireless Energy Harvesting for Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2580-2584.	8.7	4
32	Green Computing and Communications for Smart Portable Devices. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	1
33	Multi-priority fork-join scheduling in SDN for high-performance data transmissions in mobile crowdsourcing. Pervasive and Mobile Computing, 2018, 49, 153-167.	3.3	0
34	Energy-Efficient SWIPT-Empowered D2D Mode Selection. IEEE Transactions on Vehicular Technology, 2018, 69, .	6.3	2
35	IP Flow Mobility in the Industry: From An Economic Perspective. IEEE Access, 2017, 5, 3055-3068.	4.2	2
36	Multicast Routing for Multimedia Communications in the Internet of Things. IEEE Internet of Things Journal, 2017, 4, 215-224.	8.7	51

#	ARTICLE	IF	CITATIONS
37	Network Coding in Relay-Based Device-to-Device Communications. IEEE Network, 2017, 31, 102-107.	6.9	22
38	Simultaneous Wireless Information and Power Transfer: Technologies, Applications, and Research Challenges. , 2017, 55, 26-32.		117
39	On the Data Aggregation Point Placement in Smart Meter Networks. , 2017, , .		19
40	QoS Correlation-Aware Service Composition for Unified Network-Cloud Service Provisioning. , 2016, , .		5
41	High-Order Hidden Bivariate Markov Model: A Novel Approach on Spectrum Prediction. , 2016, , .		7
42	A K-means-based network partition algorithm for controller placement in software defined network. , 2016, , .		118
43	On the performance and power consumption analysis of elastic clouds. Concurrency Computation Practice and Experience, 2016, 28, 4367-4384.	2.2	3
44	GALLERY: A Game-Theoretic Resource Allocation Scheme for Multicell Device-to-Device Communications Underlaying Cellular Networks. IEEE Internet of Things Journal, 2015, 2, 504-514.	8.7	28
45	A Game-Theoretic Analysis on Context-Aware Resource Allocation for Device-to-Device Communications in Cloud-Centric Internet of Things. , 2015, , .		15
46	Modeling and Analysis on Congestion Control for Data Transmission in Sensor Clouds. International Journal of Distributed Sensor Networks, 2014, 10, 453983.	2.2	7
47	AoA Based Sensing and Performance Analysis in Cognitive Radio Networks. , 2014, , .		3
48	A Novel Deployment Scheme for Green Internet of Things. IEEE Internet of Things Journal, 2014, 1, 196-205.	8.7	192
49	QoS-Aware Service Composition for Converged Network-Cloud Service Provisioning. , 2014, , .		20
50	Resource allocation for intercell device-to-device communication underlaying cellular network: A game-theoretic approach. , 2014, , .		17
51	Modeling and analysis on congestion control in the Internet of Things. , 2014, , .		17
52	Gemini: A green deployment scheme for Internet of things. , 2013, , .		11
53	Modeling and Algorithms for QoS-Aware Service Composition in Virtualization-Based Cloud Computing. IEICE Transactions on Communications, 2013, E96.B, 10-19.	0.7	11
54	Novel End-to-End Quality of Service Provisioning Algorithms for Multimedia Services in Virtualization-Based Future Internet. IEEE Transactions on Broadcasting, 2012, 58, 569-579.	3.2	19

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55	Service provisioning in virtualization-based Cloud computing: Modeling and optimization. , 2012, , .		15
56	QoS-aware service selection in virtualization-based Cloud computing. , 2012, , .		2
57	On Approximating a Multicast Routing Tree with Multiple Quality-of-Service Constraints. IEICE Transactions on Communications, 2012, E95.B, 2005-2012.	0.7	3
58	QoS routing algorithms using fully polynomial time approximation scheme. , 2011, , .		9
59	Improved Analysis of Co-Channel Interference Suppression for WHT-STC-OFDM Systems. , 2011, , .		0
60	A Novel Fast Multi-objective Evolutionary Algorithm for QoS Multicast Routing in MANET. International Journal of Computational Intelligence Systems, 2009, 2, 288-297.	2.7	6
61	Utilization-Based Modeling and Optimization for Cognitive Radio Networks. IEICE Transactions on Communications, 2009, E92-B, 2976-2979.	0.7	2
62	An Effective Parallel Hybrid GA for Traveling Salesman Problem. , 2008, , .		1