

Dingde Jiang

List of Publications by Year in descending order

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89
papers

2,680
citations

172457

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49
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95
docs citations

95
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	QoE-Aware Efficient Content Distribution Scheme For Satellite-Terrestrial Networks. IEEE Transactions on Mobile Computing, 2023, 22, 443-458.	5.8	74
2	AI-Assisted Energy-Efficient and Intelligent Routing for Reconfigurable Wireless Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 78-88.	6.4	21
3	Fuzzy-CNN Based Multi-Task Routing for Integrated Satellite-Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1913-1926.	6.3	17
4	A New End-To-End Network Traffic Reconstruction Approach Based on Different Time Granularities. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 111-122.	0.3	0
5	A SDN-based active measurement method to traffic QoS sensing for smart network access. Wireless Networks, 2021, 27, 3677-3688.	3.0	5
6	A SDN-based intelligent prediction approach to power traffic identification and monitoring for smart network access. Wireless Networks, 2021, 27, 3665-3676.	3.0	7
7	Bisecting k-means based fingerprint indoor localization. Wireless Networks, 2021, 27, 3497-3506.	3.0	7
8	Energy-Efficient Heterogeneous Networking for Electric Vehicles Networks in Smart Future Cities. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1868-1880.	8.0	28
9	A Performance Measurement and Analysis Method for Software-Defined Networking of IoV. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3707-3719.	8.0	26
10	Efficient Traffic Sign Recognition Using Cross-Connected Convolution Neural Networks Under Compressive Sensing Domain. Mobile Networks and Applications, 2021, 26, 629-637.	3.3	5
11	A New Traffic Prediction Algorithm to Software Defined Networking. Mobile Networks and Applications, 2021, 26, 716-725.	3.3	68
12	A Prediction Approach to End-to-End Traffic in Space Information Networks. Mobile Networks and Applications, 2021, 26, 726-735.	3.3	49
13	A Novel Fireworks Algorithm for the Protein-Ligand Docking on the AutoDock. Mobile Networks and Applications, 2021, 26, 657-668.	3.3	7
14	A Space-Air-Ground Integrated Networking Method for Air Mobile Targets. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 117-126.	0.3	0
15	A Performance Analysis Approach for Network Intrusion Detection Algorithms. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 215-224.	0.3	0
16	Editorial: Simulation Tools and Techniques for Communications and Networking. Mobile Networks and Applications, 2021, 26, 571-574.	3.3	1
17	Editorial: Advance of simulations and techniques for communication networks and information systems. Wireless Networks, 2021, 27, 3453-3456.	3.0	0
18	A Compressive Sensing-Based Approach to End-to-End Network Traffic Reconstruction. IEEE Transactions on Network Science and Engineering, 2020, 7, 507-519.	6.4	116

#	ARTICLE	IF	CITATIONS
19	Intelligent Security Planning for Regional Distributed Energy Internet. IEEE Transactions on Industrial Informatics, 2020, 16, 3540-3547.	11.3	109
20	Rethinking Behaviors and Activities of Base Stations in Mobile Cellular Networks Based on Big Data Analysis. IEEE Transactions on Network Science and Engineering, 2020, 7, 80-90.	6.4	69
21	Big Data Analysis Based Network Behavior Insight of Cellular Networks for Industry 4.0 Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 1310-1320.	11.3	138
22	An intelligent optimization-based traffic information acquirement approach to software-defined networking. Computational Intelligence, 2020, 36, 151-171.	3.2	26
23	A QoE-based dynamic energy-efficient network selection algorithm. Wireless Networks, 2020, 27, 3585.	3.0	4
24	A software-defined networks based measurement method of network traffic for 6G technologies. Transactions on Emerging Telecommunications Technologies, 2020, , e4172.	3.9	3
25	Security level protection for intelligent terminals based on differential privacy. Telecommunication Systems, 2020, 74, 425-435.	2.5	1
26	An Energy-Efficient Networking Approach in Cloud Services for IIoT Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 928-941.	14.0	84
27	Branch-based Link Planning for Time-varying Space-air Integrated networks. , 2020, , .		1
28	Adaboost-based security level classification of mobile intelligent terminals. Journal of Supercomputing, 2019, 75, 7460-7478.	3.6	63
29	A SDN-based fine-grained measurement and modeling approach to vehicular communication network traffic. International Journal of Communication Systems, 2019, , e4092.	2.5	57
30	Optimal secret sharing for wireless information security in the era of Internet of Things. Personal and Ubiquitous Computing, 2019, 23, 723-738.	2.8	3
31	Stackelberg game-based energy-efficient resource allocation for 5G cellular networks. Telecommunication Systems, 2019, 72, 377-388.	2.5	36
32	Optimal on-off control for a class of discrete event systems with real-time constraints. Discrete Event Dynamic Systems: Theory and Applications, 2019, 29, 79-90.	1.5	1
33	Active Measurement Approach to Traffic QoS Sensing for Smart Network Access in SDN. , 2019, , .		1
34	A Robust Network Traffic Modeling Approach to Software Defined Networking. , 2019, , .		0
35	An Intelligent Relay Node Selection Scheme in Space-Air-Ground Integrated Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 157-167.	0.3	2
36	A Collection Node Planning Algorithm of Power Wireless Private Network in Smart Grid. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 84-93.	0.3	0

#	ARTICLE	IF	CITATIONS
37	An Adaptive Measurement Method for Flow Traffic in Software Defined Networking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 115-124.	0.3	0
38	Dynamic Computing Resource Adjustment in Edge Computing Satellite Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 135-145.	0.3	1
39	A Security Traffic Measurement Approach in SDN-Based Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 146-156.	0.3	1
40	Network Emulation as a Service (NEaaS): Towards a Cloud-Based Network Emulation Platform. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 508-517.	0.3	2
41	A Hybrid Virtualization Approach to Emulate Heterogeneous Network Nodes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 228-237.	0.3	0
42	A Joint Multi-Criteria Utility-Based Network Selection Approach for Vehicle-to-Infrastructure Networking. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3305-3319.	8.0	215
43	Physarum-inspired routing protocol for energy harvesting wireless sensor networks. Telecommunication Systems, 2018, 67, 745-762.	2.5	23
44	Fine-granularity inference and estimations to network traffic for SDN. PLoS ONE, 2018, 13, e0194302.	2.5	60
45	A Sensor Dynamic Measurement Error Prediction Model Based on NAPSO-SVM. Sensors, 2018, 18, 233.	3.8	7
46	Topology control-based collaborative multicast routing algorithm with minimum energy consumption. International Journal of Communication Systems, 2017, 30, e2905.	2.5	27
47	Network Traffic Prediction Based on Deep Belief Network in Wireless Mesh Backbone Networks. , 2017, , .		76
48	Dynamic measurement errors prediction for sensors based on firefly algorithm optimize support vector machine. Sustainable Cities and Society, 2017, 35, 250-256.	10.4	23
49	Modeling network traffic for traffic matrix estimation and anomaly detection based on Bayesian network in cloud computing networks. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 297-305.	2.5	34
50	An energy-efficient cooperative multicast routing in multi-hop wireless networks for smart medical applications. Neurocomputing, 2017, 220, 160-169.	5.9	139
51	Maximum connectivity-based channel allocation algorithm in cognitive wireless networks for medical applications. Neurocomputing, 2017, 220, 41-51.	5.9	28
52	Empirical Analysis and Modeling of the Activity Dilemmas in Big Social Networks. IEEE Access, 2017, 5, 967-974.	4.2	6
53	MIMO Scheduling Effectiveness Analysis for Bursty Data Service from View of QoE. Chinese Journal of Electronics, 2017, 26, 1079-1085.	1.5	31
54	Wind energy allocation strategies for long-term contracts in open energy markets. , 2016, , .		5

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55	A robust energy-efficient routing algorithm to cloud computing networks for learning. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2483-2495.	1.4	13
56	Dynamic access approach to multiple channels in pervasive wireless multimedia communications for technology enhanced learning. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2497-2509.	1.4	5
57	Traffic Matrix Prediction and Estimation Based on Deep Learning for Data Center Networks. , 2016, , .		28
58	Cluster-Based Resource Allocation for Spectrum-Sharing Femtocell Networks. IEEE Access, 2016, 4, 8643-8656.	4.2	23
59	A traffic anomaly detection approach in communication networks for applications of multimedia medical devices. Multimedia Tools and Applications, 2016, 75, 14281-14305.	3.9	35
60	A Cuckoo Search-Support Vector Machine Model for Predicting Dynamic Measurement Errors of Sensors. IEEE Access, 2016, 4, 5030-5037.	4.2	49
61	Energy-Efficient Multi-Constraint Routing Algorithm With Load Balancing for Smart City Applications. IEEE Internet of Things Journal, 2016, 3, 1437-1447.	8.7	194
62	Spectral Matrix Decomposition-Based Motion Artifacts Removal in Multi-Channel PPG Sensor Signals. IEEE Access, 2016, 4, 3076-3086.	4.2	40
63	An energy-efficient multicast algorithm with maximum network throughput in multi-hop wireless networks. Journal of Communications and Networks, 2016, 18, 713-724.	2.6	46
64	A Three Dimension Super-Resolution Algorithm through Neighbor Embedding Based on Weighted Coefficient Values for Internet of Things. , 2016, , .		1
65	A Cooperation-Based Routing Algorithm in Mobile Opportunistic Networks. , 2016, , .		0
66	A multicast delivery approach with minimum energy consumption for wireless multi-hop networks. Telecommunication Systems, 2016, 62, 771-782.	2.5	65
67	Spatio-Temporal Kronecker Compressive Sensing for Traffic Matrix Recovery. IEEE Access, 2016, 4, 3046-3053.	4.2	49
68	QoS constraints-based energy-efficient model in cloud computing networks for multimedia clinical issues. Multimedia Tools and Applications, 2016, 75, 14307-14328.	3.9	18
69	An evolutionary game theory-based channel access mechanism for wireless multimedia sensor network with rate-adaptive applications. Multimedia Tools and Applications, 2016, 75, 14329-14349.	3.9	5
70	Collaborative Multi-hop Routing in Cognitive Wireless Networks. Wireless Personal Communications, 2016, 86, 901-923.	2.7	114
71	An optimization-based robust routing algorithm to energy-efficient networks for cloud computing. Telecommunication Systems, 2016, 63, 89-98.	2.5	41
72	Network coding-based energy-efficient multicast routing algorithm for multi-hop wireless networks. Journal of Systems and Software, 2015, 104, 152-165.	4.5	88

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73	A collaborative multi-hop routing algorithm for maximum achievable rate. Journal of Network and Computer Applications, 2015, 57, 182-191.	9.1	29
74	A novel hybrid prediction algorithm to network traffic. Annales Des Telecommunications/Annals of Telecommunications, 2015, 70, 427-439.	2.5	34
75	A compressive sensing-based network tomography approach to estimating origin-destination flow traffic in large-scale backbone networks. International Journal of Communication Systems, 2015, 28, 889-900.	2.5	6
76	End-to-End Network Traffic Reconstruction Via Network Tomography Based on Compressive Sensing. Journal of Network and Systems Management, 2015, 23, 709-730.	4.9	8
77	A reconstructing approach to end-to-end network traffic based on multifractal wavelet model. International Journal of Communication Systems, 2014, 27, 3565-3580.	2.5	3
78	Integrated Wireless Sensor Systems via Near-Space and Satellite Platforms: A Review. IEEE Sensors Journal, 2014, 14, 3903-3914.	4.7	30
79	Energy-efficient cognitive access approach to convergence communications. Science China Information Sciences, 2014, 57, 1-12.	4.3	12
80	A channel allocation strategy for multi-hop cognitive radio networks. , 2013, , .		2
81	An optimization-based robust routing algorithm for IP energy-efficient networks. , 2013, , .		0
82	An Algorithm of Minimum Energy Multicast Based on Network Coding. , 2012, , .		1
83	A Compressive Sensing-Based Reconstruction Approach to End-to-End Network Traffic. , 2012, , .		2
84	A Wavelet-Based Detection Approach to Traffic Anomalies. , 2011, , .		6
85	Mahalanobis distance-based traffic matrix estimation. European Transactions on Telecommunications, 2010, 21, 195-201.	1.2	8
86	Multicast Waveband Routing and Grooming algorithm in optical WDM networks. , 2010, , .		3
87	An accurate method to estimate traffic matrices from link loads for QoS provision. Journal of Communications and Networks, 2010, 12, 624-631.	2.6	3
88	An efficient network intrusion detection approach based on deep learning. Wireless Networks, 0, , 1.	3.0	9
89	A joint and dynamic routing approach to connected vehicles via LEO constellation satellite networks. Wireless Networks, 0, , 1.	3.0	3