Qiang Ye

List of Publications by Year
in descending order

71 papers	**820** citations	840776 **11** h-index
73 all docs	**73** docs citations	**73** times ranked

677142 **22** g-index

780 citing authors

#	ARTICLE	IF	CITATIONS
1	STCDG: An Efficient Data Gathering Algorithm Based on Matrix Completion for Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2013, 12, 850-861.	9.2	108
2	CDS-Based Virtual Backbone Construction with Guaranteed Routing Cost in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 652-661.	5.6	65
3	RSSI-Based Bluetooth Indoor Localization. , 2015, , .		59
4	A machine learning based intrusion detection scheme for data fusion in mobile clouds involving heterogeneous client networks. Information Fusion, 2019, 49, 205-215.	19.1	58
5	Constant approximation for virtual backbone construction with Guaranteed Routing Cost in wireless sensor networks. , 2011, , .		45
6	A hybrid outdoor localization scheme with high-position accuracy and low-power consumption. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	30
7	Multi-Antenna Two-Way Relay Based Cooperative NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 6486-6503.	9.2	28
8	Linux kernels as complex networks: A novel method to study evolution. , 2009, , .		27
9	DMRA: A Decentralized Resource Allocation Scheme for Multi-SP Mobile Edge Computing. , 2019, , .		22
10	PTAS for Minimum Connected Dominating Set with Routing Cost Constraint in Wireless Sensor Networks. Lecture Notes in Computer Science, 2010, , 252-259.	1.3	20
11	HILL: A Hybrid Indoor Localization Scheme. , 2014, , .		18
12	CFT: A Cluster-based File Transfer Scheme for highway VANETs. , 2017, , .		17
13	Polynomial-time approximation scheme for minimum connected dominating set under routing cost constraint in wireless sensor networks. Theoretical Computer Science, 2012, 447, 38-43.	0.9	15
14	Message digest as authentication entity for mobile cloud computing. , 2013, , .		15
15	On the Impact of User Scheduling on Diversity and Fairness in Cooperative NOMA. IEEE Transactions on Vehicular Technology, 2018, 67, 11296-11301.	6.3	15
16	Sweep Coverage with Return Time Constraint. , 2016, , .		14
17	Data-Driven Coordinated Charging for Electric Vehicles With Continuous Charging Rates: A Deep Policy Gradient Approach. IEEE Internet of Things Journal, 2022, 9, 12395-12412.	8.7	14
18	MDA: message digest-based authentication for mobile cloud computing. Journal of Cloud Computing: Advances, Systems and Applications, 2016, 5, .	3.9	13

#	Article	IF	Citations
19	DISCS: A Distributed Coordinate System Based on Robust Nonnegative Matrix Completion. IEEE/ACM Transactions on Networking, 2017, 25, 934-947.	3.8	13
20	Opportunistic Adaptive Non-Orthogonal Multiple Access in Multiuser Wireless Systems: Probabilistic User Scheduling and Performance Analysis. IEEE Transactions on Wireless Communications, 2020, 19, 6065-6082.	9.2	12
21	Fuzzy logic-based integrity-oriented file transfer for highway vehicular communications. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	11
22	Reinforcement Learning Based Offloading for Realtime Applications in Mobile Edge Computing. , 2020, , .		10
23	A light-weight authentication scheme based on message digest and location for mobile cloud computing. , 2014, , .		9
24	Imperfection Better Than Perfection: Beyond Optimal Lifetime Barrier Coverage in Wireless Sensor Networks. , 2014, , .		9
25	Minimum-Delay Data Aggregation Schedule in Duty-Cycled Sensor Networks. Lecture Notes in Computer Science, 2016, , 305-317.	1.3	9
26	MIL: A mobile indoor localization scheme based on matrix completion. , 2016, , .		9
27	Fault-tolerant scheduling for data collection in wireless sensor networks. , 2012, , .		8
28	A matrix-completion approach to mobile network localization. , 2014, , .		8
29	Utilizing communication range to shorten the route of sweep coverage. , 2017, , .		8
30	IoT Big Data Analytics. Wireless Communications and Mobile Computing, 2019, 2019, 1-1.	1.2	8
31	Utilizing CSI and RSSI to Achieve High-Precision Outdoor Positioning: A Deep Learning Approach. , 2019, , .		8
32	FAST-ODT: A Lightweight Outlier Detection Scheme for Categorical Data Sets. IEEE Transactions on Network Science and Engineering, 2021, 8, 13-24.	6.4	8
33	HTR: A Joint Approach for Task Offloading and Resource Allocation in Mobile Edge Computing. , 2021, , .		8
34	On the evolution of Linux kernels: a complex network perspective. Journal of Software: Evolution and Process, 2013, 25, 439-458.	1.6	7
35	A Context-Adaptive Security Framework for Mobile Cloud Computing. , 2015, , .		7
36	DISCO: A Distributed Localization Scheme for Mobile Networks. , 2015, , .		7

#	Article	IF	Citations
37	High-precision shortest distance estimation for large-scale social networks. , 2016, , .		7
38	Group sweep coverage with guaranteed approximation ratio. Theoretical Computer Science, 2020, 836, 1-15.	0.9	7
39	On the Application of Cooperative NOMA to Spatially Random Wireless Caching Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 12055-12071.	6.3	6
40	Revenue-Maximizing Resource Allocation for Multitenant Cell-Free Massive MIMO Networks. IEEE Systems Journal, 2022, 16, 3410-3421.	4.6	6
41	Interference-Free k-barrier Coverage in Wireless Sensor Networks. Lecture Notes in Computer Science, 2014, , 173-183.	1.3	4
42	Collaborative Service Placement for Maximizing the Profit in Mobile Edge Computing. , 2021, , .		4
43	6G-Empowered Offloading for Realtime Applications in Multi-Access Edge Computing. IEEE Transactions on Network Science and Engineering, 2023, 10, 1311-1325.	6.4	4
44	Combining Petri Nets and ns-2: A Hybrid Method for Analysis and Simulation. , 0, , .		3
45	AMLT: A Mutual Authentication Scheme for Mobile Cloud Computing. , 2018, , .		3
46	On the Design of NOMA Assisted Multi-Antenna Two-Way Relay Systems. , 2020, , .		3
47	A Power-Efficient Scheme for Outdoor Localization. Lecture Notes in Computer Science, 2017, , 534-545.	1.3	3
48	Management frame attacks in WiMAX networks: Analysis and prevention. , 2010, , .		2
49	Guest Editorial Trustworthiness in Social Multimedia Analytics and Delivery. IEEE Transactions on Multimedia, 2019, 21, 537-538.	7.2	2
50	Edge instability: A critical parameter for the propagation and robustness analysis of large networks. Information Sciences, 2020, 536, 358-371.	6.9	2
51	Multi-path GEM for Routing in Wireless Sensor Networks. Lecture Notes in Computer Science, 2008, , 121-133.	1.3	2
52	Deep Reinforcement Learning Based Admission Control for Throughput Maximization in Mobile Edge Computing. , 2021, , .		2
53	Performance Analysis of Mobile Cloud Computing With Bursty Demand: A Tandem Queue Model. IEEE Transactions on Vehicular Technology, 2022, 71, 9951-9966.	6.3	2
54	On the resilience of sack and newreno tcp. , 0, , .		1

#	Article	IF	Citations
55	Long-Haul Transmission Performance in the Internet. , 2010, , .		1
56	GW-GEM: A Reliable Routing Algorithm for Wireless Sensor Networks. , 2010, , .		1
57	RNC: A high-precision Network Coordinate System. , 2014, , .		1
58	An Energy-Efficient Multicasting Algorithm for Duty-Cycled WSNs. , 2018, , .		1
59	On the Impact of Sweep Radius and Energy Limitation on Sweep Coverage in Wireless Sensor Networks. , 2018, , .		1
60	WDCS: A Weight-Based Distributed Coordinate System. Lecture Notes in Computer Science, 2015, , 251-260.	1.3	1
61	Outlier Detection Forest for Large-Scale Categorical Data Sets. Lecture Notes in Computer Science, 2019, , 45-56.	1.3	1
62	Utilizing Cooperative Jamming to Secure Cognitive Radio NOMA Networks. , 2020, , .		1
63	SACK TCP resilience. Canadian Journal of Electrical and Computer Engineering, 2007, 32, 67-76.	2.0	0
64	UD-GEM: A Multi-Path Routing Algorithm for Wireless Sensor Networks. , 2008, , .		0
65	Restoration objectives for internet backbone links. , 2008, , .		0
66	Using simulation to test formally verified protocols in complex environments. Mathematical and Computer Modelling, 2011, 53, 538-551.	2.0	0
67	CAR: Contour-based routing in wireless sensor networks. , 2012, , .		0
68	KD1: A Sampling-Based Clustering Scheme for Large Data Sets. , 2018, , .		0
69	High-Precision Indoor Localization Based on RFID and Stepscan Floor Tiles. , 2018, , .		0
70	TCP-Oriented Restoration Objectives for SONET/SDH Networks. , 2009, , 245-278.		0
71	Guest Editorial: Introduction to the Special Section on Edge Computing for Internet of Things. IEEE Transactions on Network Science and Engineering, 2020, 7, 2243-2244.	6.4	0