

# Qichao Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8715745/publications.pdf>

Version: 2024-02-01

73  
papers

2,373  
citations

279798

23  
h-index

243625

44  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2181  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Secure Charging Scheme for Electric Vehicles With Smart Communities in Energy Blockchain. IEEE Internet of Things Journal, 2019, 6, 4601-4613.	8.7	247
2	Big data in mobile social networks: a QoE-oriented framework. IEEE Network, 2016, 30, 52-57.	6.9	142
3	An Edge Caching Scheme to Distribute Content in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 5346-5356.	6.3	140
4	Epidemic Information Dissemination in Mobile Social Networks With Opportunistic Links. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 399-409.	4.6	126
5	A Game Theoretical Incentive Scheme for Relay Selection Services in Mobile Social Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 6692-6702.	6.3	124
6	LVBS: Lightweight Vehicular Blockchain for Secure Data Sharing in Disaster Rescue. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 19-32.	5.4	116
7	A novel design for content delivery over software defined mobile social networks. IEEE Network, 2015, 29, 62-67.	6.9	107
8	A Game Theoretic Approach to Parked Vehicle Assisted Content Delivery in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 6461-6474.	6.3	107
9	Game Theoretic Resource Allocation in Media Cloud With Mobile Social Users. IEEE Transactions on Multimedia, 2016, 18, 1650-1660.	7.2	87
10	Content distribution over content centric mobile social networks in 5G. , 2015, 53, 66-72.		83
11	Vehicle Assisted Computing Offloading for Unmanned Aerial Vehicles in Smart City. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1932-1944.	8.0	67
12	Blockchain-Based Trustworthy Edge Caching Scheme for Mobile Cyber-Physical System. IEEE Internet of Things Journal, 2020, 7, 1098-1110.	8.7	66
13	Edge Caching for Layered Video Contents in Mobile Social Networks. IEEE Transactions on Multimedia, 2017, 19, 2210-2221.	7.2	65
14	A Secure Content Caching Scheme for Disaster Backup in Fog Computing Enabled Mobile Social Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 4579-4589.	11.3	64
15	Game Theory and Reinforcement Learning Based Secure Edge Caching in Mobile Social Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 3415-3429.	6.9	63
16	Secure Content Delivery With Edge Nodes to Save Caching Resources for Mobile Users in Green Cities. IEEE Transactions on Industrial Informatics, 2018, 14, 2550-2559.	11.3	61
17	A Novel Charging Scheme for Electric Vehicles With Smart Communities in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8487-8501.	6.3	56
18	Incentive Scheme for Cyber Physical Social Systems Based on User Behaviors. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 92-103.	4.6	55

#	ARTICLE	IF	CITATIONS
19	Analytical model with a novel selfishness division of mobile nodes to participate cooperation. Peer-to-Peer Networking and Applications, 2016, 9, 712-720.	3.9	48
20	APIS: Privacy-Preserving Incentive for Sensing Task Allocation in Cloud and Edge-Cooperation Mobile Internet of Things With SDN. IEEE Internet of Things Journal, 2020, 7, 5892-5905.	8.7	45
21	VFC-Based Cooperative UAV Computation Task Offloading for Post-disaster Rescue. , 2020, , .		38
22	Task Offloading for Post-Disaster Rescue in Unmanned Aerial Vehicles Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1525-1539.	3.8	35
23	Game Theoretical Secure Caching Scheme in Multihoming Edge Computing-Enabled Heterogeneous Networks. IEEE Internet of Things Journal, 2019, 6, 4536-4546.	8.7	30
24	Security-Aware Resource Allocation for Mobile Social Big Data: A Matching-Coalitional Game Solution. IEEE Transactions on Big Data, 2017, , 1-1.	6.1	26
25	Optimal Control Theory-Based Epidemic Information Spreading Scheme for Mobile Social Users With Energy Constraint. IEEE Access, 2017, 5, 14107-14118.	4.2	24
26	Lifesaving with RescueChain: Energy-Efficient and Partition-Tolerant Blockchain Based Secure Information Sharing for UAV-Aided Disaster Rescue. , 2021, , .		24
27	A Trustworthy Content Caching and Bandwidth Allocation Scheme With Edge Computing for Smart Campus. IEEE Access, 2018, 6, 63868-63879.	4.2	23
28	UAV Enabled Content Distribution for Internet of Connected Vehicles in 5G Heterogeneous Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5091-5102.	8.0	23
29	A Trust-Driven Contract Incentive Scheme for Mobile Crowd-Sensing Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1794-1806.	6.3	23
30	Trust Based Incentive Scheme to Allocate Big Data Tasks with Mobile Social Cloud. IEEE Transactions on Big Data, 2022, 8, 113-124.	6.1	21
31	Abnormal Crowd Traffic Detection for Crowdsourced Indoor Positioning in Heterogeneous Communications Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2494-2505.	6.4	18
32	Q-Learning-Based Spectrum Access for Content Delivery in Mobile Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 35-47.	7.9	15
33	Ubiquitous Transmission Service: Hierarchical Wireless Data Rate Provisioning in Space-Air-Ocean Integrated Networks. IEEE Transactions on Wireless Communications, 2022, 21, 7821-7836.	9.2	15
34	A Privacy Preservation Based Scheme for Task Assignment in Internet of Things. IEEE Transactions on Network Science and Engineering, 2020, 7, 2323-2335.	6.4	14
35	Task Allocation Scheme for Cyber Physical Social Systems. IEEE Transactions on Network Science and Engineering, 2020, 7, 832-842.	6.4	12
36	Intelligent Cache Pollution Attacks Detection for Edge Computing Enabled Mobile Social Networks. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 241-252.	4.9	12

#	ARTICLE	IF	CITATIONS
37	Fast Containment of Infectious Diseases With E-Healthcare Mobile Social Internet of Things. IEEE Internet of Things Journal, 2021, 8, 16473-16485.	8.7	12
38	Contract Based Energy Blockchain for Secure Electric Vehicles Charging in Smart Community. , 2018, , .		11
39	Truck Platooning Aided Secure Publish/Subscribe System Based on Smart Contract in Autonomous Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 782-794.	6.3	10
40	UAVs-Aided Delay-Tolerant Blockchain Secure Offline Transactions in Post-Disaster Vehicular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 12030-12043.	6.3	10
41	Trustworthy caching for mobile big data in social networks. , 2018, , .		8
42	Delivering mobile social content with selective agent and relay nodes in content centric networks. Peer-to-Peer Networking and Applications, 2017, 10, 296-304.	3.9	7
43	Contract Theory Based Incentive Scheme for Mobile Crowd Sensing Networks. , 2018, , .		7
44	Deep Q-Network Based Energy Scheduling in Retail Energy Market. IEEE Access, 2020, 8, 69284-69295.	4.2	7
45	A Game-Theoretical Approach for Secure Crowdsourcing-Based Indoor Navigation System With Reputation Mechanism. IEEE Internet of Things Journal, 2022, 9, 5524-5536.	8.7	7
46	UAV-USV Cooperative Task Allocation for Smart Ocean Networks. , 2021, , .		7
47	Experience Blocking Ratio Based Game Theoretic Approach for Spectrum Sharing in Heterogeneous Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 343-355.	6.4	6
48	Epidemic Information Spreading over Mobile Social Networks with Multiple Social Relationships. , 2015, , .		5
49	Analysis to reveal evolution and topological features of a real mobile social network. Peer-to-Peer Networking and Applications, 2017, 10, 1344-1353.	3.9	5
50	A Game Theoretical Charging Scheme for Electric Vehicles in Smart Community. , 2018, , .		5
51	A Q-Learning Based Scheme to Securely Cache Content in Edge-Enabled Heterogeneous Networks. IEEE Access, 2019, 7, 163898-163911.	4.2	5
52	An Online Pricing Strategy of EV Charging and Data Caching in Highway Service Stations. , 2020, , .		5
53	Game Theoretical Secure Caching Scheme in Multi-Homing Heterogeneous Networks. , 2018, , .		4
54	Green Social CPS Based E-Healthcare Systems to Control the Spread of Infectious Diseases. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
55	HMM Based Cache Pollution Attack Detection for Edge Computing Enabled Mobile Social Networks. , 2019, , .		4
56	Secure Data Sharing in UAV-assisted Crowdsensing: Integration of Blockchain and Reputation Incentive. , 2021, , .		3
57	Dynamic bandwidth allocation in mobile social networks with multiple homing access. , 2015, , .		2
58	QoE loss probability based game-theoretic approach for spectrum sharing in heterogeneous networks. , 2017, , .		2
59	Location Privacy Preservation Scheme Based Incentive for Crowd-Sensing Networks. , 2019, , .		2
60	A Game Theory Based Scheme for Secure and Cooperative UAV Communication. , 2021, , .		2
61	Game Theoretical Secure Bandwidth Allocation in UAV-assisted Heterogeneous Networks. , 2021, , .		2
62	Game Theoretical Bandwidth Allocation in UAV-UGV Collaborative Disaster Relief Networks. , 2021, , .		2
63	A game theoretic scheme for relay service in heterogeneous content centric networks. , 2016, , .		1
64	Graph Based Content Delivery in Mobile Social Networks. , 2016, , .		1
65	Caching Scheme with Edge Nodes for Mobile Cyber Physical Systems. , 2017, , .		1
66	Trusted and Collaborative Data Sharing with Quality Awareness in Autonomous Driving. , 2021, , .		1
67	Cooperative content offloading scheme in air-ocean integrated networks. Peer-to-Peer Networking and Applications, 2021, 14, 3388-3404.	3.9	1
68	UAV-assisted Abnormal Vehicle Behavior Detection in Internet of Vehicles. , 2021, , .		1
69	A Secure Crowdsourcing-Based Indoor Navigation System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 125-137.	0.3	1
70	Analysis on Evolution and Topological Features of a Real Mobile Social Network. , 2014, , .		0
71	Epidemic Information Spreading over Mobile Social Networks with Multiple Social Relationships. , 2014, , .		0
72	Resource Allocation for UAVs-Enabled Mobile Social Networks. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
73	A Novel Resource Allocation Scheme With Unmanned Aerial Vehicles in Disaster Relief Networks. , 2020, , .		0