Changqing Luo

List of Publications by Year
in descending order

37	1,286	516710	610901
papers	citations	16	24
		h-index	g-index

37	37	37	1452
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Channel State Information Prediction for 5G Wireless Communications: A Deep Learning Approach. IEEE Transactions on Network Science and Engineering, 2020, 7, 227-236.	6.4	252
2	A Tensor-Based Approach for Big Data Representation and Dimensionality Reduction. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 280-291.	4.6	153
3	Cross-Layer Design for TCP Performance Improvement in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 2485-2495.	6.3	109
4	When Machine Learning Meets Blockchain: A Decentralized, Privacy-preserving and Secure Design. , 2018, , .		107
5	Green Communication in Energy Renewable Wireless Mesh Networks: Routing, Rate Control, and Power Allocation. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3211-3220.	5.6	84
6	Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. IEEE Journal on Selected Areas in Communications, 2013, 31, 2442-2452.	14.0	62
7	MobiFuzzyTrust: An Efficient Fuzzy Trust Inference Mechanism in Mobile Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2944-2955.	5.6	61
8	Cloud-Based Mobile Multimedia Recommendation System With User Behavior Information. IEEE Systems Journal, 2014, 8, 184-193.	4.6	48
9	Joint Relay Scheduling, Channel Access, and Power Allocation for Green Cognitive Radio Communications. IEEE Journal on Selected Areas in Communications, 2015, 33, 922-932.	14.0	37
10	Efficient Secure Outsourcing of Large-Scale Sparse Linear Systems of Equations. IEEE Transactions on Big Data, 2018, 4, 26-39.	6.1	36
11	An Optimized Computational Model for Multi-Community-Cloud Social Collaboration. IEEE Transactions on Services Computing, 2014, 7, 346-358.	4.6	34
12	Optimal data fusion of collaborative spectrum sensing under attack in cognitive radio networks. IEEE Network, 2014, 28, 17-23.	6.9	33
13	CRIL: An Efficient Online Adaptive Indoor Localization System. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	28
14	Online Power Control for 5G Wireless Communications: A Deep Q-Network Approach. , 2018, , .		27
15	A D2D-Assisted MEC Computation Offloading in the Blockchain-Based Framework for UDNs. , 2019, , .		23
16	User Matching on Blockchain for Computation Offloading in Ultra-Dense Wireless Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 1167-1177.	6.4	19
17	A holistic energy optimization framework for cloud-assisted mobile computing. IEEE Wireless Communications, 2015, 22, 118-123.	9.0	18
18	Efficient Secure Outsourcing of Large-Scale Convex Separable Programming for Big Data. IEEE Transactions on Big Data, 2019, 5, 368-378.	6.1	18

#	Article	IF	Citations
19	A Holistic Approach for Distributed Dimensionality Reduction of Big Data. IEEE Transactions on Cloud Computing, 2018, 6, 506-518.	4.4	16
20	SecFact: Secure Large-scale QR and LU Factorizations. IEEE Transactions on Big Data, 2019, , 1-1.	6.1	16
21	Energy consumption optimization for self‐powered IoT networks with non‐orthogonal multiple access. International Journal of Communication Systems, 2020, 33, e4174.	2.5	15
22	Energy-Efficient Computation Offloading in Mobile Edge Computing Systems With Uncertainties. IEEE Transactions on Wireless Communications, 2022, 21, 5717-5729.	9.2	13
23	A deep multi-task learning approach for ECG data analysis. , 2018, , .		11
24	Energy-Efficient Communications in Unmanned Aerial Relaying Systems. IEEE Transactions on Network Science and Engineering, 2021, 8, 2780-2791.	6.4	10
25	Efficient Privacy-Preserving Outsourcing of Large-Scale QR Factorization. , 2017, , .		9
26	Energy-Efficient Autonomic Offloading in Mobile Edge Computing. , 2017, , .		8
27	Review: Privacy-Preservation in the Context of Natural Language Processing. IEEE Access, 2021, 9, 147600-147612.	4.2	8
28	Parallel Secure Outsourcing of Large-scale Nonlinearly Constrained Nonlinear Programming Problems. IEEE Transactions on Big Data, 2018, , 1-1.	6.1	7
29	Energy-Efficient Dynamic Network Selection in Heterogeneous Wireless Networks. , 2013, , .		5
30	Green TCP Transmission Over Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7585-7592.	6.3	5
31	Privacy-Preserving Spectrum Query with Location Proofs in Database-Driven CRNs. , 2016, , .		3
32	Energy-Efficient Power, Position and Time Control in UAV-Assisted Wireless Networks. , 2019, , .		3
33	Centralized Scheme for Joint Relay Selection and Channel Access in Partially-Sensed Cognitive Radio Cooperative Networks. , 2011, , .		2
34	Efficient Privacy-Preserving Large-Scale CP Tensor Decompositions. , 2018, , .		2
35	IEEE Access Special Section Editorial: Communication and Fog/Edge Computing Toward Intelligent Connected Vehicles (ICVS). IEEE Access, 2021, 9, 63740-63744.	4.2	2
36	Secure Outsourcing of Matrix Convolutions. , 2018, , .		1

#	Article	IF	Citations
37	Optimal Connected Cruise Control Design with Stochastic Communication Delays. , 2019, , .		1