Daquan Feng

List of Publications by Year
in descending order

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49	3,686	430874	330143
papers	citations	18 h-index	37 g-index

50	50	50	3410
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Device-to-Device Communications Underlaying Cellular Networks. IEEE Transactions on Communications, 2013, 61, 3541-3551.	7.8	809
2	A survey of energy-efficient wireless communications. IEEE Communications Surveys and Tutorials, 2013, 15, 167-178.	39.4	803
3	Device-to-device communications in cellular networks. , 2014, 52, 49-55.		325
4	Joint Mode Selection and Resource Allocation for Device-to-Device Communications. IEEE Transactions on Communications, 2014, 62, 3814-3824.	7.8	258
5	Intelligent Offloading in Multi-Access Edge Computing: A State-of-the-Art Review and Framework. IEEE Communications Magazine, 2019, 57, 56-62.	6.1	211
6	Kalman-Filter-Based Integration of IMU and UWB for High-Accuracy Indoor Positioning and Navigation. IEEE Internet of Things Journal, 2020, 7, 3133-3146.	8.7	164
7	Performance analysis and comparison of PoW, PoS and DAG based blockchains. Digital Communications and Networks, 2020, 6, 480-485.	5.0	150
8	Exploiting full duplex for device-to-device communications in heterogeneous networks. , 2015, 53, 146-152.		116
9	Direct Acyclic Graph-Based Ledger for Internet of Things: Performance and Security Analysis. IEEE/ACM Transactions on Networking, 2020, 28, 1643-1656.	3.8	111
10	Mode Switching for Energy-Efficient Device-to-Device Communications in Cellular Networks. IEEE Transactions on Wireless Communications, 2015, 14, 6993-7003.	9.2	104
11	Computation Offloading for Mobile Edge Computing Enabled Vehicular Networks. IEEE Access, 2019, 7, 62624-62632.	4.2	68
12	Toward Ultrareliable Low-Latency Communications: Typical Scenarios, Possible Solutions, and Open Issues. IEEE Vehicular Technology Magazine, 2019, 14, 94-102.	3.4	66
13	Energy-Efficient Mobile Association in Heterogeneous Networks With Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2016, 15, 5260-5271.	9.2	51
14	QoS-Aware Resource Allocation for Device-to-Device Communications With Channel Uncertainty. IEEE Transactions on Vehicular Technology, 2016, 65, 6051-6062.	6.3	47
15	Joint Computation Offloading and Resource Allocation for MEC-Enabled IoT Systems With Imperfect CSI. IEEE Internet of Things Journal, 2021, 8, 3462-3475.	8.7	44
16	Understanding Age of Information in Large-Scale Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3196-3210.	9.2	40
17	Energy Efficient V2X-Enabled Communications in Cellular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 554-564.	6.3	35
18	Joint Computation Offloading and Resource Allocation for D2D-Assisted Mobile Edge Computing. IEEE Transactions on Services Computing, 2022, , 1-14.	4.6	33

#	Article	IF	Citations
19	Ultra-reliable and low-latency communications: applications, opportunities and challenges. Science China Information Sciences, 2021, 64, 1.	4.3	32
20	Share in the Commons: Coexistence between LTE Unlicensed and Wi-Fi. IEEE Wireless Communications, 2016, 23, 16-23.	9.0	24
21	Physical layer authentication under intelligent spoofing in wireless sensor networks. Signal Processing, 2020, 166, 107272.	3.7	14
22	Video Caching and Transcoding in Wireless Cellular Networks With Mobile Edge Computing: A Robust Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 9234-9238.	6.3	13
23	Energy Efficient Power Allocation Based on Machine Learning Generated Clusters for Distributed Antenna Systems. IEEE Access, 2019, 7, 59575-59584.	4.2	12
24	Blockchain-Empowered Federated Learning Approach for an Intelligent and Reliable D2D Caching Scheme. IEEE Internet of Things Journal, 2022, 9, 7879-7890.	8.7	12
25	UAV-Aided Positioning Systems for Ground Devices: Fundamental Limits and Algorithms. IEEE Internet of Things Journal, 2022, 9, 13470-13485.	8.7	12
26	Energy Efficiency Optimization for Distributed Antenna Systems With D2D Communications Under Channel Uncertainty. IEEE Transactions on Green Communications and Networking, 2020, 4, 1037-1047.	5.5	11
27	Optimal resource allocation for device-to-device communications in fading channels. , 2013, , .		10
28	Minimum Secrecy Throughput Maximization in Wireless Powered Secure Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 2571-2581.	6.3	10
29	Joint Time and Power Allocation in Multi-Cell Wireless Powered Communication Networks. IEEE Access, 2019, 7, 43555-43563.	4.2	10
30	Optimal Mobile Association in Device-to-Device-Enabled Heterogeneous Networks. , 2015, , .		9
31	Energy Efficiency Tradeoff in Interference Channels. IEEE Access, 2016, 4, 4495-4508.	4.2	9
32	Interference Geolocation in Satellite Communications Systems: An Overview. IEEE Vehicular Technology Magazine, 2021, 16, 66-74.	3.4	9
33	Satellite-Based Radio Spectrum Monitoring: Architecture, Applications, and Challenges. IEEE Network, 2021, 35, 20-27.	6.9	8
34	Proactive Content Caching Based on Actorâ€“Critic Reinforcement Learning for Mobile Edge Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1239-1252.	7.9	8
35	Hybrid-Learning-Based Operational Visual Quality Inspection for Edge-Computing-Enabled IoT System. IEEE Internet of Things Journal, 2022, 9, 4958-4972.	8.7	7
36	Optimal Time Allocation in Multi-Cell Wireless Powered Communication Networks. IEEE Access, 2019, 7, 26519-26526.	4.2	6

#	Article	IF	Citations
37	CQI-Based Interference Detection and Resource Allocation With QoS Provision in LTE-U Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1421-1433.	6.3	6
38	Power-Spectrum Trading for Full-Duplex D2D Communications in Cellular Networks. IEEE Transactions on Green Communications and Networking, 2021, 5, 2016-2026.	5.5	5
39	Open-Loop Communications for Up-Link URLLC Under Clustered User Distribution. IEEE Transactions on Vehicular Technology, 2021, 70, 11509-11522.	6.3	5
40	Impact of Network Load on Direct Acyclic Graph Based Blockchain for Internet of Things. , 2019, , .		4
41	Energy-efficient mobile association in device-to-device-enabled heterogeneous networks. , 2016, , .		3
42	Blockchain-Based Secure Crowdsourcing in Wireless IoT. Journal of Communications and Information Networks, 2022, 7, 23-36.	5.2	3
43	User selection based on limited feedback in device-to-device communications. , 2013, , .		2
44	Power-Spectrum Trading for Full-Duplex D2D Communications. , 2019, , .		2
45	Power allocation scheme based on support vector machine forDAS and CAS. Physical Communication, 2020, 38, 100941.	2.1	2
46	Interference Detection and Resource Allocation in LTE Unlicensed Systems. , 2020, , .		2
47	A Resoure Allocation Framework for Network Slicing with Multi-service Coexistence. , 2021, , .		1
48	V2X-Enabled Energy-Efficient Transmission in Cellular Networks. , 2018, , .		0
49	Energy-Efficient Beamforming and Time Allocation in Wireless Powered Communication Networks. , 2018, , .		0