Jiantao Yuan

List of Publications by Year
in descending order

21 papers	**176** citations	1163117 **8** h-index	1125743 **13** g-index
22 all docs	**22** docs citations	**22** times ranked	**149** citing authors

#	Article	IF	Citations
1	Joint Model Pruning and Device Selection for Communication-Efficient Federated Edge Learning. IEEE Transactions on Communications, 2022, 70, 231-244.	7.8	22
2	A Continuous-Time Sigma-Delta Modulator with Compensating Transconductance Stages and RZ FIR-DAC. , 2022, , .		0
3	Two-Timescale Resource Management for Ultrareliable and Low-Latency Vehicular Communications. IEEE Transactions on Communications, 2022, 70, 3282-3294.	7.8	4
4	Resource Optimization in MEC-Assisted Multirobot Cooperation Systems. Wireless Communications and Mobile Computing, 2022, 2022, 1-8.	1.2	2
5	A Novel Image Edge Detection Method Based on the Asymmetric STDP Mechanism of the Visual Path. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	1
6	Unlicensed Assisted Ultra-Reliable and Low-Latency Communications. Mobile Networks and Applications, 2022, 27, 2232-2243.	3.3	1
7	Decentralized Radio Resource Adaptation in D2D-U Networks. IEEE Internet of Things Journal, 2021, 8, 6720-6732.	8.7	22
8	Learning-Based WiFi Traffic Load Estimation in NR-U Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 542-549.	0.3	6
9	Distributed Spectrum and Power Allocation for D2D-U Networks: a Scheme Based on NN and Federated Learning. Mobile Networks and Applications, 2021, 26, 2000-2013.	3.3	8
10	Adaptive Network Pruning for Wireless Federated Learning. IEEE Wireless Communications Letters, 2021, 10, 1572-1576.	5.0	17
11	Distributed Resource Allocation for Maximizing Energy Efficiency in D2D-U Enabled NR Network. , 2021, , .		1
12	Adaptive Channel Detection for Full-Duplex Based IAB Systems on Unlicensed Channels. , 2021, , .		0
13	Importance-Aware Data Selection and Resource Allocation in Federated Edge Learning System. IEEE Transactions on Vehicular Technology, 2020, 69, 13593-13605.	6.3	35
14	Group-Based Data Transmission Protocol for Small-Sized URLLC Services. IEEE Wireless Communications Letters, 2020, 9, 1432-1436.	5.0	6
15	LSTM-Based Active User Number Estimation and Prediction for Cellular Systems. IEEE Wireless Communications Letters, 2020, 9, 1258-1262.	5.0	8
16	Resource Management for Millimeter-Wave Ultra-Reliable and Low-Latency Communications. IEEE Transactions on Communications, 2020, , 1-1.	7.8	18
17	Adaptive Batchsize Selection and Gradient Compression for Wireless Federated Learning. , 2020, , .		5
18	Deep Reinforcement Learning-Based User Pairing in Full-Duplex Communication Systems. , 2020, , .		2

#	Article	IF	Citations
19	Machine Learning-Based Resource Optimization for D2D Communication Underlaying Networks. , 2020, , .		4
20	Design and Analysis of Random Access for Standalone LTE-U Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 9347-9361.	6.3	10
21	Modelling of synchronisation and energy performance of FBEâ€•and LBEâ€•based standalone LTEâ€‘U networks. Journal of Engineering, 2017, 2017, 292-299.	1.1	4