Pei Liu

List of Publications by Year
in descending order

14 papers	274 citations	1307594 7 h-index	1372567 10 g-index
16 all docs	16 docs citations	16 times ranked	268 citing authors

#	Article	IF	Citations
1	Pilot Power Allocation Through User Grouping in Multi-Cell Massive MIMO Systems. IEEE Transactions on Communications, 2017, 65, 1561-1574.	7.8	86
2	Spectral Efficiency Analysis of Cell-Free Massive MIMO Systems With Zero-Forcing Detector. IEEE Transactions on Wireless Communications, 2020, 19, 795-807.	9.2	81
3	Channel Estimation Performance Analysis of Massive MIMO IoT Systems With Ricean Fading. IEEE Internet of Things Journal, 2021, 8, 6114-6126.	8.7	21
4	Adaptive Hierarchical Federated Learning Over Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 2070-2083.	6.3	18
5	Machine Learning Enabled Preamble Collision Resolution in Distributed Massive MIMO. IEEE Transactions on Communications, 2021, 69, 2317-2330.	7.8	17
6	MMSE channel estimation for two-port demodulation reference signals in new radio. Science China Information Sciences, 2021, 64, 1.	4.3	15
7	Spectral Efficiency Analysis of Multi-Cell Massive MIMO Systems with Ricean Fading. , 2018, , .		9
8	Channel Estimation Aware Performance Analysis for Massive MIMO With Rician Fading. IEEE Transactions on Communications, 2021, 69, 4373-4386.	7.8	8
9	Reduction of Cyclic Prefix Overhead in Narrow-Band Internet of Things (NB-IoT) Systems. IEEE Wireless Communications Letters, 2021, 10, 517-521.	5.0	6
10	Statistical Description of Channel Estimation Error in Massive MIMO Systems With Ricean Fading. IEEE Transactions on Vehicular Technology, 2021, 70, 6227-6231.	6.3	6
11	UAV-Based and Energy-Constrained Data Collection System with Trajectory, Time, and Collection Scheduling Optimization. , 2021, , .		3
12	Preamble-Based MMSE Channel Estimation With Low Pilot Overhead in MIMO-FBMC Systems. IEEE Access, 2020, 8, 148926-148934.	4.2	2
13	An Automatic Method for Testing of FPGA Routing Resource. , 2018, , .		1
14	Cluster-based Group Paging Scheme with Preamble Reuse for mMTC in 5G Networks. , 2020, , .		1