Yiyang Pei

List of Publications by Year
in descending order

22 papers	2,347 citations	567281 15 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	2255 citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial-Temporal Aggregation Graph Convolution Network for Efficient Mobile Cellular Traffic Prediction. IEEE Communications Letters, 2022, 26, 587-591.	4.1	36
2	A Cross-Layer Analysis for Symbiotic Network Using CSMA/CN Protocol. IEEE Internet of Things Journal, 2021, 8, 5697-5709.	8.7	6
3	Sensing-Mining-Access Tradeoff in Blockchain-Enabled Dynamic Spectrum Access. IEEE Wireless Communications Letters, 2021, 10, 820-824.	5.0	7
4	Reconfigurable Intelligent Surface Enhanced Multi-User MISO Symbiotic Radio System. IEEE Transactions on Communications, 2021, 69, 2359-2371.	7.8	46
5	Active Reconfigurable Intelligent Surface-Aided Wireless Communications. IEEE Transactions on Wireless Communications, 2021, 20, 4962-4975.	9.2	202
6	Reconfigurable Intelligent Surface for Small Cell Network. , 2021, , .		1
7	Deep Neural Network for Robust Modulation Classification Under Uncertain Noise Conditions. IEEE Transactions on Vehicular Technology, 2020, 69, 564-577.	6.3	76
8	Spatial-Temporal Attention-Convolution Network for Citywide Cellular Traffic Prediction. IEEE Communications Letters, 2020, 24, 2532-2536.	4.1	40
9	Deep Reinforcement Learning for User Association and Resource Allocation in Heterogeneous Cellular Networks. IEEE Transactions on Wireless Communications, 2019, 18, 5141-5152.	9.2	277
10	Intelligent Reflecting Surface: A Programmable Wireless Environment for Physical Layer Security. IEEE Access, 2019, 7, 82599-82612.	4.2	321
11	Blockchain-Enabled Dynamic Spectrum Access: Cooperative Spectrum Sensing, Access and Mining. , 2019, , .		14
12	Gaussian Mixture Model for Millimeter-Wave Cellular Communication Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 3174-3188.	6.3	2
13	Modulation in the Air: Backscatter Communication Over Ambient OFDM Carrier. IEEE Transactions on Communications, 2018, 66, 1219-1233.	7.8	237
14	Deep Reinforcement Learning for User Association and Resource Allocation in Heterogeneous Networks. , 2018, , .		47
15	Modulation-Constrained Clustering Approach to Blind Modulation Classification for MIMO Systems. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 894-907.	7.9	40
16	A Machine Learning Approach to Blind Modulation Classification for MIMO Systems. , 2018, , .		6
17	Dynamic Contract Incentive Mechanism for Cooperative Wireless Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 10970-10982.	6.3	71
18	Resource Allocation for Device-to-Device Communications Overlaying Two-Way Cellular Networks. IEEE Transactions on Wireless Communications, 2013, 12, 3611-3621.	9.2	221

#	Article	IF	Citations
19	Secure Communication in Multiantenna Cognitive Radio Networks With Imperfect Channel State Information. IEEE Transactions on Signal Processing, 2011, 59, 1683-1693.	5.3	117
20	Energy-Efficient Design of Sequential Channel Sensing in Cognitive Radio Networks: Optimal Sensing Strategy, Power Allocation, and Sensing Order. IEEE Journal on Selected Areas in Communications, 2011, 29, 1648-1659.	14.0	241
21	Secure communication over MISO cognitive radio channels. IEEE Transactions on Wireless Communications, 2010, 9, 1494-1502.	9.2	179
22	How Much Time is Needed for Qideband Spectrum Sensing?. IEEE Transactions on Wireless Communications, 2009, 8, 5466-5471.	9.2	160