Tiecheng Song

List of Publications by Year
in descending order

27 papers	557 citations	759233 12 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	596 citing authors

#	Article	IF	Citations
1	Robust Online Prediction of Spectrum Map With Incomplete and Corrupted Observations. IEEE Transactions on Mobile Computing, 2022, 21, 4583-4594.	5.8	5
2	Incentive Framework for Cross-Device Federated Learning and Analytics With Multiple Tasks Based on a Multi-Leader-Follower Game. IEEE Transactions on Network Science and Engineering, 2022, 9, 3749-3761.	6.4	6
3	Hierarchical Game for Networked Electric Vehicle Public Charging Under Time-Based Billing Model. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 518-530.	8.0	16
4	Detection Strategy Against Restricted SSDF Attack With Potential Interaction Assistance. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 553-566.	7.9	6
5	Optimisation of virtual cooperative spectrum sensing for UAVâ€based interweave cognitive radio system. IET Communications, 2021, 15, 1368-1379.	2.2	14
6	Cost-benefit Analysis of Cooperative Spectrum Sensing Under Detection Delay Constraint for CUAVNs. , 2021, , .		4
7	Deep Learning for Spectrum Prediction From Spatialâ€"Temporalâ€"Spectral Data. IEEE Communications Letters, 2021, 25, 1216-1220.	4.1	10
8	Cost-Benefit Tradeoff of Byzantine Attack in Cooperative Spectrum Sensing. IEEE Systems Journal, 2020, 14, 2532-2543.	4.6	18
9	Intelligent Reflecting Surface Aided MIMO Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 11445-11457.	6.3	92
10	Analysis of Byzantine Attack Strategy for Cooperative Spectrum Sensing. IEEE Communications Letters, 2020, 24, 1631-1635.	4.1	26
11	Recovering Missing Values From Corrupted Historical Observations: Approaching the Limit of Predictability in Spectrum Prediction Tasks. IEEE Access, 2020, 8, 180379-180393.	4.2	4
12	Performance optimisation of cooperative spectrum sensing in mobile cognitive radio networks. IET Communications, 2020, 14, 1028-1036.	2.2	17
13	Sequential fusion to defend against sensing data falsification attack for cognitive Internet of Things. ETRI Journal, 2020, 42, 976-986.	2.0	9
14	Reuse of Byzantine data in cooperative spectrum sensing using sequential detection. IET Communications, 2020, 14, 251-261.	2.2	9
15	Optimal Power Allocation for Green CR over Fading Channels with Rate Constraint. IEICE Transactions on Communications, 2020, E103.B, 1038-1048.	0.7	0
16	Multi-Leaderâ€"Follower Game for MEC-Assisted Fusion-Based Vehicle On-Road Analysis. IEEE Transactions on Vehicular Technology, 2019, 68, 11200-11212.	6.3	7
17	Distributed Downloading Strategy for Multi-Source Data Fusion in Edge-Enabled Vehicular Network : (Invited Paper). , 2019, , .		4
18	Deep Learning-Inspired Message Passing Algorithm for Efficient Resource Allocation in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 641-653.	6.3	156

#	ARTICLE	IF	CITATIONS
19	Sequential 0/1 for Cooperative Spectrum Sensing in the Presence of Strategic Byzantine Attack. IEEE Wireless Communications Letters, 2019, 8, 500-503.	5.0	30
20	Anti-Shadowing Resource Allocation for General Mobile Cognitive Radio Networks. IEEE Access, 2018, 6, 5618-5632.	4.2	11
21	Cooperative Spectrum Sensing Algorithm Based on Support Vector Machine against SSDF Attack. , 2018, , .		17
22	Sequential cooperative spectrum sensing in the presence of dynamic Byzantine attack for mobile networks. PLoS ONE, 2018, 13, e0199546.	2.5	23
23	Generalized Byzantine Attack and Defense in Cooperative Spectrum Sensing for Cognitive Radio Networks. IEEE Access, 2018, 6, 53272-53286.	4.2	32
24	Design and implementation of power communication terminal based on link aggregation technology. , 2016, , .		2
25	Spectrum Sensing and the Utilization of Spectrum Opportunity Tradeoff in Cognitive Radio Network. IEEE Communications Letters, 2016, 20, 2442-2445.	4.1	21
26	Inference of Gene Regulatory Networks from Genetic Perturbations with Linear Regression Model. PLoS ONE, 2013, 8, e83263.	2.5	16
27	Variational Inference of Kalman Filter and Its Application in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 106434.	2.2	2