Rong Yu

List of Publications by Citations

31 papers	2,439 citations	16 h-index	34 g-index
34 ext. papers	3,067 ext. citations	5.4 avg, IF	5.42 L-index

#	Paper	IF	Citations
31	Enabling Localized Peer-to-Peer Electricity Trading Among Plug-in Hybrid Electric Vehicles Using Consortium Blockchains. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 3154-3164	11.9	593
30	Blockchain for Secure and Efficient Data Sharing in Vehicular Edge Computing and Networks. *IEEE Internet of Things Journal*, **2019**, 6, 4660-4670	10.7	316
29	. *IEEE Network*, **2012**, 26, 6-13	11.4	294
28	Toward cloud-based vehicular networks with efficient resource management. *IEEE Network*, **2013**, 27, 48-55	11.4	280
27	. *IEEE Network*, **2011**, 25, 6-14	11.4	182
26	. *IEEE Access*, **2017**, 5, 25408-25420	3.5	129
25	Federated Learning in Vehicular Edge Computing: A Selective Model Aggregation Approach. *IEEE Access*, **2020**, 8, 23920-23935	3.5	90
24	. *IEEE Transactions on Vehicular Technology*, **2010**, 59, 4079-4092	6.8	90
23	Fair Energy Scheduling for Vehicle-to-Grid Networks Using Adaptive Dynamic Programming. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 1697-707	10.3	75
22	. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 7938-7951	8.9	73
21	PHEV Charging and Discharging Cooperation in V2G Networks: A Coalition Game Approach. *IEEE Internet of Things Journal*, **2014**, 1, 578-589	10.7	71
20	Parked Vehicle Edge Computing: Exploiting Opportunistic Resources for Distributed Mobile Applications. *IEEE Access*, **2018**, 6, 66649-66663	3.5	36
19	Parked Vehicular Computing for Energy-Efficient Internet of Vehicles: A Contract Theoretic Approach. *IEEE Internet of Things Journal*, **2019**, 6, 6079-6088	10.7	32
18	Hybrid Spectrum Access in Cognitive-Radio-Based Smart-Grid Communications Systems. *IEEE Systems Journal*, **2014**, 8, 577-587	4.3	31
17	Cross-Layer Optimized Call Admission Control in Cognitive Radio Networks. *Mobile Networks and Applications*, **2010**, 15, 610-626	2.9	20
16	FedParking: A Federated Learning Based Parking Space Estimation With Parked Vehicle Assisted Edge Computing. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 9355-9368	6.8	19
15	Consortium Blockchain for Secure Resource Sharing in Vehicular Edge Computing: A Contract-Based Approach. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1189-1201	4.9	16

List of Publications

14	Energy-Efficient Spectrum Discovery for Cognitive Radio Green Networks. *Mobile Networks and Applications*, **2012**, 17, 64-74	2.9	14
13	Incentivizing Differentially Private Federated Learning: A Multidimensional Contract Approach. *IEEE Internet of Things Journal*, **2021**, 8, 10639-10651	10.7	13
12	. *IEEE Access*, **2018**, 6, 62371-62383	3.5	12
11	Optimal Cooperative Sensing Scheme Under Time-Varying Channel for Cognitive Radio Networks **2008**,		9
10	Exploiting temporal and spatial diversities for spectrum sensing and access in cognitive vehicular networks. *Wireless Communications and Mobile Computing*, **2015**, 15, 2079-2094	1.9	8
9	An efficient hybrid spectrum access algorithm in OFDM-based wideband cognitive radio networks. *Neurocomputing*, **2014**, 125, 33-40	5.4	7
8	Joint Optimization of Power, Packet Forwarding and Reliability in MIMO Wireless Sensor Networks. *Mobile Networks and Applications*, **2011**, 16, 760-770	2.9	7
7	Optimal and Elastic Energy Trading for Green Microgrids: a two-Layer Game Approach. *Mobile Networks and Applications*, **2019**, 24, 950-961	2.9	7
6	Energy-Efficient and Reliability-Driven Cooperative Communications in Cognitive Body Area Networks. *Mobile Networks and Applications*, **2011**, 16, 733-744	2.9	5
5	Adaptive channel access in spectrum database-driven cognitive radio networks **2014**,		4
4	Distributed perception and model inference with intelligent connected vehicles in smart cities. *Ad Hoc Networks*, **2020**, 103, 102152	4.8	3
3	Efficient and Secure Resource Management in Home M2M Networks. *International Journal of Distributed Sensor Networks*, **2013**, 9, 849572	1.7	1
2	URLLC resource slicing and scheduling for trustworthy 6G vehicular services: A federated reinforcement learning approach. *Physical Communication*, **2021**, 49, 101470	2.2	1
1	Optimized Workload Allocation in Vehicular Edge Computing: A Sequential Game Approach. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2018**, 542-551	0.2	