Rong Yu

List of Publications by Year in Descending Order

28 papers	1,634 citations	15 h-index	31 g-index
31 ext. papers	2,242 ext. citations	5.1 avg, IF	5.53 L-index

#	Paper	IF	Citations
28	Efficient Workload Allocation and User-Centric Utility Maximization for Task Scheduling in Collaborative Vehicular Edge Computing. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 3773-3787	6.8	12
27	Incentivizing Differentially Private Federated Learning: A Multidimensional Contract Approach. *IEEE Internet of Things Journal*, **2021**, 8, 10639-10651	10.7	13
26	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
25	Toward Resource-Efficient Federated Learning in Mobile Edge Computing. *IEEE Network*, **2021**, 35, 148-155	11.4	23
24	DeepBAN: A Temporal Convolution-Based Communication Framework for Dynamic WBANs. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	29
23	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
22	URLLC resource slicing and scheduling for trustworthy 6G vehicular services: A federated reinforcement learning approach. *Physical Communication*, **2021**, 49, 101470	2.2	1
21	Task-Container Matching Game for Computation Offloading in Vehicular Edge Computing and Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-14	6.1	23
20	Securing parked vehicle assisted fog computing with blockchain and optimal smart contract design. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 426-441	7	58
19	A Contract-Based Incentive Mechanism for Resource Sharing and Task Allocation in Container-Based Vehicular Edge Computing. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2020**, 116-129	0.2	
18	Federated Learning in Vehicular Edge Computing: A Selective Model Aggregation Approach. *IEEE Access*, **2020**, 8, 23920-23935	3.5	90
17	Optimal Task Assignment With Delay Constraint for Parked Vehicle Assisted Edge Computing: A Stackelberg Game Approach. *IEEE Communications Letters*, **2020**, 24, 598-602	3.8	14
16	Differentially Private and Fair Classification via Calibrated Functional Mechanism. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2020**, 34, 622-629	5	8
15	Clock Auction Inspired Privacy Preserving Emergency Demand Response in Colocation Data Centers. *IEEE Transactions on Dependable and Secure Computing*, **2020**, 17, 691-702	3.9	
14	. *IEEE Systems Journal*, **2020**, 14, 477-488	4.3	0
13	Distributed perception and model inference with intelligent connected vehicles in smart cities. *Ad Hoc Networks*, **2020**, 103, 102152	4.8	3
12	Social Welfare Maximization in Container-Based Task Scheduling for Parked Vehicle Edge Computing. *IEEE Communications Letters*, **2019**, 23, 1347-1351	3.8	16

11	Preemptive and Non Preemptive Switching Protocols for 5G Wireless Dynamic Network Architecture. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 12256-12270	6.8	1
10	EdgeCare: Leveraging Edge Computing for Collaborative Data Management in Mobile Healthcare Systems. *IEEE Access*, **2019**, 7, 22011-22025	3.5	45
9	VeSenChain: Leveraging Consortium Blockchain for Secure and Efficient Vehicular Crowdsensing **2019**,		4
8	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
7	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
6	. *IEEE Transactions on Intelligent Transportation Systems*, **2018**, 19, 2627-2637	6.1	124
5	Parked Vehicle Edge Computing: Exploiting Opportunistic Resources for Distributed Mobile Applications. *IEEE Access*, **2018**, 6, 66649-66663	3.5	36
4	Concise Derivation for Generalized Approximate Message Passing Using Expectation Propagation. *IEEE Signal Processing Letters*, **2018**, 25, 1835-1839	3.2	14
3	. *IEEE Access*, **2018**, 6, 62371-62383	3.5	12
2	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
1	. *IEEE Access*, **2017**, 5, 25408-25420	3.5	129