Lan Zhang

List of Publications by Year
in descending order

18 papers	381 citations	933447 10 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	404 citing authors

#	Article	IF	Citations
1	5G Vehicle-to-Everything Services: Gearing Up for Security and Privacy. Proceedings of the IEEE, 2020, 108, 373-389.	21.3	89
2	Machine Learning-Based Handovers for Sub-6 GHz and mmWave Integrated Vehicular Networks. IEEE Transactions on Wireless Communications, 2019, 18, 4873-4885.	9.2	71
3	Intelligent Delay-Aware Partial Computing Task Offloading for Multiuser Industrial Internet of Things Through Edge Computing. IEEE Internet of Things Journal, 2023, 10, 2954-2966.	8.7	50
4	Uplink Performance Improvement by Decoupling Uplink/Downlink Access in HetNets. IEEE Transactions on Vehicular Technology, 2017, 66, 6862-6876.	6.3	36
5	A Machine Learning-Based Defensive Alerting System Against Reckless Driving in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 12227-12238.	6.3	24
6	Energy-Efficient UAV-Aided Target Tracking Systems Based on Edge Computing. IEEE Internet of Things Journal, 2022, 9, 2207-2214.	8.7	17
7	SPATH: Finding the Safest Walking Path in Smart Cities. IEEE Transactions on Vehicular Technology, 2019, 68, 7071-7079.	6.3	13
8	Secure Transmission by Leveraging Multiple Intelligent Reflecting Surfaces in MISO Systems. IEEE Transactions on Mobile Computing, 2023, 22, 2387-2401.	5.8	13
9	Age-Stratified COVID-19 Spread Analysis and Vaccination: A Multitype Random Network Approach. IEEE Transactions on Network Science and Engineering, 2021, 8, 1862-1872.	6.4	13
10	A Knowledge Transfer-based Semi-Supervised Federated Learning for IoT Malware Detection. IEEE Transactions on Dependable and Secure Computing, 2022, , 1-1.	5.4	13
11	Beyond Class-Level Privacy Leakage: Breaking Record-Level Privacy in Federated Learning. IEEE Internet of Things Journal, 2022, 9, 2555-2565.	8.7	11
12	Augmenting Transmission Environments for Better Communications: Tunable Reflector Assisted MmWave WLANs. IEEE Transactions on Vehicular Technology, 2020, 69, 7416-7428.	6.3	9
13	FRESH: FReshness-Aware Energy-Efficient ScHeduler for Cellular IoT Systems. , 2019, , .		7
14	A Blockchain-Based Human-to-Infrastructure Contact Tracing Approach for COVID-19. IEEE Internet of Things Journal, 2022, 9, 12836-12847.	8.7	5
15	Delay-Aware Incentive Mechanism for Crowdsourcing with Vehicles in Smart Cities. , 2019, , .		4
16	Tunable Reflectors Enabled Environment Augmentation for Better mmWave WLANs. , 2019, , .		4
17	End-to-End Service Auction: A General Double Auction Mechanism for Edge Computing Services. IEEE/ACM Transactions on Networking, 2022, 30, 2616-2629.	3.8	2
18	Sensing to Learn: Deep Learning Based Wireless Sensing via Connected Digital and Physical Experiments. Lecture Notes in Networks and Systems, 2021, , 255-262.	0.7	0