Chenren Xu

List of Publications by Year
in descending order

15	436	1478505 6	1125743 13
papers	citations	h-index	g-index

15	15	15	438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Practical Backscatter Communication Systems for Battery-Free Internet of Things: A Tutorial and Survey of Recent Research. IEEE Signal Processing Magazine, 2018, 35, 16-27.	5.6	177
2	PassiveVLC. , 2017, , .		84
3	Beyond Cell-Free MIMO: Energy Efficient Reconfigurable Intelligent Surface Aided Cell-Free MIMO Communications. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 412-426.	7.9	77
4	The Case for FPGA-Based Edge Computing. IEEE Transactions on Mobile Computing, 2022, 21, 2610-2619.	5.8	21
5	Distributed and weighted extreme learning machine for imbalanced big data learning. Tsinghua Science and Technology, 2017, 22, 160-173.	6.1	20
6	Providing explicit congestion control and multi-homing support for content-centric networking transport. Computer Communications, 2015, 69, 69-78.	5.1	17
7	A First Look at Disconnection-Centric TCP Performance on High-Speed Railways. IEEE Journal on Selected Areas in Communications, 2020, 38, 2723-2733.	14.0	10
8	Signal Processing and the Internet of Things [From the Guest Editors]. IEEE Signal Processing Magazine, 2018, 35, 13-15.	5.6	6
9	The First 5G-LTE Comparative Study in Extreme Mobility. Proceedings of the ACM on Measurement and Analysis of Computing Systems, 2022, 6, 1-22.	1.8	6
10	What Am I Looking At? Low-Power Radio-Optical Beacons for In-View Recognition on Smart-Glass. IEEE Transactions on Mobile Computing, 2016, 15, 3185-3199.	5.8	5
11	Systematic Analysis of Fine-Grained Mobility Prediction With On-Device Contextual Data. IEEE Transactions on Mobile Computing, 2022, 21, 1096-1109.	5.8	4
12	Feasibility study of practical vital sign detection using millimeter-wave radios. CCF Transactions on Pervasive Computing and Interaction, 2021, 3, 436-452.	2.6	4
13	The First 5G-LTE Comparative Study in Extreme Mobility. , 2022, , .		2
14	KF-LSTM Based Beam Tracking for UAV-Assisted mmWave HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 10796-10807.	6.3	2
15	The First 5G-LTE Comparative Study in Extreme Mobility. Performance Evaluation Review, 2022, 50, 31-32.	0.6	1