Xiaojiang Chen

List of Publications by Year
in descending order

22 papers	360 citations	840776 11 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	516 citing authors

#	Article	IF	Citations
1	Transferring Compressive-Sensing-Based Device-Free Localization Across Target Diversity. IEEE Transactions on Industrial Electronics, 2015, 62, 2397-2409.	7.9	62
2	Low Human-Effort, Device-Free Localization with Fine-Grained Subcarrier Information. IEEE Transactions on Mobile Computing, 2018, 17, 2550-2563.	5.8	54
3	FlipTracer: Practical Parallel Decoding for Backscatter Communication. IEEE/ACM Transactions on Networking, 2019, 27, 330-343.	3.8	45
4	Privacy Leakage in Mobile Sensing: Your Unlock Passwords Can Be Leaked through Wireless Hotspot Functionality. Mobile Information Systems, 2016, 2016, 1-14.	0.6	26
5	SitR: Sitting Posture Recognition Using RF Signals. IEEE Internet of Things Journal, 2020, 7, 11492-11504.	8.7	25
6	GuideLoc: UAV-Assisted Multitarget Localization System for Disaster Rescue. Mobile Information Systems, 2017, 2017, 1-13.	0.6	24
7	Monostatic MIMO Backscatter Communications. IEEE Journal on Selected Areas in Communications, 2020, 38, 1896-1909.	14.0	24
8	Exploiting Wireless Received Signal Strength Indicators to Detect Evil-Twin Attacks in Smart Homes. Mobile Information Systems, 2017, 2017, 1-14.	0.6	20
9	iGuard: A Real-Time Anti-Theft System for Smartphones. IEEE Transactions on Mobile Computing, 2018, 17, 2307-2320.	5.8	16
10	Simultaneous Material Identification and Target Imaging with Commodity RFID Devices. IEEE Transactions on Mobile Computing, 2021, 20, 739-753.	5.8	14
11	cDeepArch: A Compact Deep Neural Network Architecture for Mobile Sensing. IEEE/ACM Transactions on Networking, 2019, 27, 2043-2055.	3.8	11
12	dWatch. ACM Transactions on Sensor Networks, 2020, 16, 1-22.	3.6	9
13	Structured Optimal Graph-Based Clustering With Flexible Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3801-3813.	11.3	7
14	Voltage-Aware Time Synchronization for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 285265.	2.2	6
15	A Grid-Based Linear Least Squares Self-Localization Algorithm in Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2015, 11, 317603.	2.2	6
16	Exploiting Interference Fingerprints for Predictable Wireless Concurrency. IEEE Transactions on Mobile Computing, 2021, 20, 2354-2366.	5.8	4
17	Material Identification and Target Imaging with RFIDs [IoT Connection]. Computer, 2018, 51, 64-68.	1.1	3
18	Cantor: Improving Goodput in LoRa Concurrent Transmission. IEEE Internet of Things Journal, 2021, 8, 1519-1532.	8.7	2

#	Article	IF	Citations
19	Study of In$_x$Ga$_{1-x}$N/GaN Homotype Heterojunction IMPATT Diodes. IEEE Transactions on Electron Devices, 2021, 68, 5469-5475.	3.0	1
20	Decomposition Based Localization for Anisotropic Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-16.	2.2	1
21	Efficient Network Coding with Interference-Awareness and Neighbor States Updating in Wireless Networks. Wireless Communications and Mobile Computing, 2017, 2017, 1-22.	1.2	0
22	Parallel Backscatter in the Wild: When Burstiness and Randomness Play With You. IEEE/ACM Transactions on Networking, 2020, , 1-13.	3.8	0