

# Xiaojiang Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Cantor: Improving Goodput in LoRa Concurrent Transmission. IEEE Internet of Things Journal, 2021, 8, 1519-1532.	8.7	2
2	Simultaneous Material Identification and Target Imaging with Commodity RFID Devices. IEEE Transactions on Mobile Computing, 2021, 20, 739-753.	5.8	14
3	Study of In <sub>x</sub> Ga <sub>1-x</sub> N/GaN Homotype Heterojunction IMPATT Diodes. IEEE Transactions on Electron Devices, 2021, 68, 5469-5475.	3.0	1
4	Exploiting Interference Fingerprints for Predictable Wireless Concurrency. IEEE Transactions on Mobile Computing, 2021, 20, 2354-2366.	5.8	4
5	Structured Optimal Graph-Based Clustering With Flexible Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3801-3813.	11.3	7
6	Parallel Backscatter in the Wild: When Burstiness and Randomness Play With You. IEEE/ACM Transactions on Networking, 2020, , 1-13.	3.8	0
7	SitR: Sitting Posture Recognition Using RF Signals. IEEE Internet of Things Journal, 2020, 7, 11492-11504.	8.7	25
8	Monostatic MIMO Backscatter Communications. IEEE Journal on Selected Areas in Communications, 2020, 38, 1896-1909.	14.0	24
9	dWatch. ACM Transactions on Sensor Networks, 2020, 16, 1-22.	3.6	9
10	cDeepArch: A Compact Deep Neural Network Architecture for Mobile Sensing. IEEE/ACM Transactions on Networking, 2019, 27, 2043-2055.	3.8	11
11	FlipTracer: Practical Parallel Decoding for Backscatter Communication. IEEE/ACM Transactions on Networking, 2019, 27, 330-343.	3.8	45
12	iGuard: A Real-Time Anti-Theft System for Smartphones. IEEE Transactions on Mobile Computing, 2018, 17, 2307-2320.	5.8	16
13	Low Human-Effort, Device-Free Localization with Fine-Grained Subcarrier Information. IEEE Transactions on Mobile Computing, 2018, 17, 2550-2563.	5.8	54
14	Material Identification and Target Imaging with RFIDs [IoT Connection]. Computer, 2018, 51, 64-68.	1.1	3
15	Exploiting Wireless Received Signal Strength Indicators to Detect Evil-Twin Attacks in Smart Homes. Mobile Information Systems, 2017, 2017, 1-14.	0.6	20
16	GuideLoc: UAV-Assisted Multitarget Localization System for Disaster Rescue. Mobile Information Systems, 2017, 2017, 1-13.	0.6	24
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Transferring Compressive-Sensing-Based Device-Free Localization Across Target Diversity. IEEE Transactions on Industrial Electronics, 2015, 62, 2397-2409.	7.9	62
20	Decomposition Based Localization for Anisotropic Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-16.	2.2	1
21	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
22	Voltage-Aware Time Synchronization for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 285265.	2.2	6