

Xinrong Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

1,342
citations

11
h-index

36
g-index

37
ext. papers

1,652
ext. citations

3.4
avg, IF

5.23
L-index

#	Paper	IF	Citations
32	Detection of moving objects using thermal imaging sensors for occupancy estimation. <i>Internet of Things (Netherlands)</i> , 2022 , 17, 100487	6.9	1
31	Measurement and Analysis of RSS Using Bluetooth Mesh Network for Localization Applications. <i>Network</i> , 2021 , 1, 315-334		1
30	Signal Processing for TDM MIMO FMCW Millimeter-Wave Radar Sensors. <i>IEEE Access</i> , 2021 , 9, 167959-167971	3.971	4
29	Occupancy Estimation Using Thermal Imaging Sensors and Machine Learning Algorithms. <i>IEEE Sensors Journal</i> , 2021 , 21, 8627-8638	4	17
28	Introduction to Special Issue on Future of Wireless Communication and 6G Networks. <i>International Journal of Wireless Information Networks</i> , 2021 , 28, 231-233	1.9	1
27	Special Issue on AI-Driven Smart Networking and Communication for Personal Internet of Things: Part II. <i>International Journal of Wireless Information Networks</i> , 2020 , 27, 207-208	1.9	
26	An Adaptive BLAST Successive Interference Cancellation Method for High Data Rate Perfect Space-Time Coded MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 1542-1553	6.8	3
25	Smart farming: Agriculture's shift from a labor intensive to technology native industry. <i>Internet of Things (Netherlands)</i> , 2020 , 9, 100142	6.9	48
24	Implementation of compressive sampling for wireless sensor network applications. <i>International Journal of Sensor Networks</i> , 2019 , 31, 226	0.8	2
23	Performance of perfect space-time codes under linear MMSE equalization and BLAST based decoding for large data rates 2018 ,		1
22	Accelerated Distributed Energy Management for Microgrids 2018 ,		7
21	Low Complexity Dynamic Soft-Output Sphere Decoding Based on LLR Clipping and Scaled Euclidean Distances 2018 ,		1
20	Precision of RSS-based indoor geolocation in IoT applications 2017 ,		5
19	2016 ,		5
18	Design of A Low-Cost Wireless Indoor Air Quality Sensor Network System. <i>International Journal of Wireless Information Networks</i> , 2016 , 23, 57-65	1.9	27
17	Performance evaluation of eigenvalue-based detection strategies in a sensor network 2014 ,		1
16	Wireless Sensor Network System Design Using Raspberry Pi and Arduino for Environmental Monitoring Applications. <i>Procedia Computer Science</i> , 2014 , 34, 103-110	1.6	204

15	Time Synchronization Algorithms in Low-Cost Wireless Sensor Network Systems. <i>International Journal of Wireless Information Networks</i> , 2014 , 21, 196-207	1.9	1
14	Recent Advances in Indoor Geolocation Techniques. <i>International Journal of Wireless Information Networks</i> , 2013 , 20, 243-245	1.9	4
13	Orthogonal Pulse Design in Consideration of FCC and IEEE 802.15.4a Constraints. <i>IEEE Communications Letters</i> , 2013 , 17, 896-899	3.8	9
12	Statistical ranking of sensor observations for centralized detection with distributed sensors 2013 ,		3
11	Recent Advances in Wireless Localization Technologies. <i>International Journal of Wireless Information Networks</i> , 2012 , 19, 287-289	1.9	1
10	Nonidentical Linear Pulse-Coupled Oscillators Model With Application to Time Synchronization in Wireless Sensor Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 2205-2215	8.9	32
9	Collaborative multi-sensor tracking in mobile wireless sensor networks. <i>International Journal of Sensor Networks</i> , 2010 , 8, 233	0.8	13
8	Integration of wireless sensor networks in environmental monitoring cyber infrastructure. <i>Wireless Networks</i> , 2010 , 16, 1091-1108	2.5	43
7	Energy-Efficient Map Interpolation for Sensor Fields Using Kriging. <i>IEEE Transactions on Mobile Computing</i> , 2009 , 8, 622-635	4.6	21
6	Collaborative Localization With Received-Signal Strength in Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 3807-3817	6.8	125
5	Comparative study of RSS-based collaborative localization methods in sensor networks 2006 ,		6
4	Work In Progress: An Innovative Electrical Engineering Program Integrating Project-Oriented and Lifelong Learning Pedagogies 2006 ,		2
3	RSS-Based Location Estimation with Unknown Pathloss Model. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 3626-3633	9.6	237
2	Indoor geolocation science and technology 2002 , 40, 112-118		513
1	Performance study of RSS-based location estimation techniques for wireless sensor networks		2