

# Zhi-Meng Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8476275/publications.pdf>

Version: 2024-02-01

32  
papers

113  
citations

1478505

6  
h-index

1474206

9  
g-index

32  
all docs

32  
docs citations

32  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resource Allocation Strategy for D2D-Assisted Edge Computing System With Hybrid Energy Harvesting. IEEE Access, 2020, 8, 192643-192658.	4.2	14
2	A Compact Low-Profile Ring Antenna With Dual Circular Polarization and Unidirectional Radiation for Use in RFID Readers. IEEE Access, 2019, 7, 128948-128955.	4.2	13
3	On the Nonlinear Teager-Kaiser Operator for Energy Detection Based Impulse Radio UWB Receivers. IEEE Transactions on Wireless Communications, 2014, 13, 2955-2965.	9.2	8
4	Time-Reversal Source Reconstruction With Electromagnetic Kurtosis. IEEE Transactions on Antennas and Propagation, 2021, 69, 6816-6823.	5.1	8
5	A People-Counting and Speed-Estimation System Using Wi-Fi Signals. Sensors, 2021, 21, 3472.	3.8	8
6	Nonlinear Blind Narrowband Interference Mitigation for Energy Detection Based UWB Receivers. IEEE Communications Letters, 2012, 16, 1596-1599.	4.1	7
7	On the Variance-Based Detection for Impulse Radio UWB Systems. IEEE Transactions on Wireless Communications, 2016, 15, 8249-8259.	9.2	7
8	Time-Reversal Source Reconstruction With Space and Time Kurtoses. IEEE Transactions on Antennas and Propagation, 2022, 70, 4766-4773.	5.1	6
9	Resource Allocation Strategy for Dual UAVs-Assisted MEC System with Hybrid Solar and RF Energy Harvesting. , 2021, , .		5
10	Respiratory Rate Estimation of Standing and Sitting People using WiFi Signals. , 2020, , .		5
11	Human Counting and Action Recognition with WiFi via Deep Learning. , 2020, , .		4
12	Variance detection for non-coherent impulse radio UWB receivers. , 2014, , .		3
13	A Compact CPW-Fed Low-Profile Wideband Circularly Polarized Slot Antenna with a Planar Ring Reflector for GNSS Applications. International Journal of Antennas and Propagation, 2019, 2019, 1-12.	1.2	3
14	Resource Allocation Strategy for Mobile Edge Computing System with Hybrid Energy Harvesting. , 2020, , .		3
15	A novel ultra-wideband (UWB) bandpass filter using MIM CRLH transmission line structure. , 2008, , .		2
16	FMCW Multi-Person Action Recognition System Based on Point Cloud Nearest Neighbor Sampling Algorithm. , 2021, , .		2
17	Design of A Broadband and High-Gain 5G Millimeter-Wave Antenna. , 2021, , .		2
18	A Systematic Design Method for a Wireless Power Transfer System Based on Filter Theory. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2407-2417.	4.6	2

#	ARTICLE	IF	CITATIONS
19	Performance Analysis of Pulse Generators for UWB-Based Sensor Networks. , 2009, , .		1
20	A unified framework for nonlinear detections of impulse radio UWB systems. , 2014, , .		1
21	A generalized nonlinear detector for impulse radio UWB receiver employed square law technology. , 2018, , .		1
22	An Adjustable Coupling Method for Planar Wireless Power Transfer System. , 2021, , .		1
23	UAV-Assisted Resource Allocation Strategy in Energy Harvesting Edge Computing System. , 2021, , .		1
24	Area human sensing via ambient Wi-Fi signals. IET Communications, 2021, 15, 2275.	2.2	1
25	Establishing Secrecy Region for Directional Modulation Scheme with Random Frequency Diverse Array. , 2020, , .		1
26	Load-Independent Design for Multiple Loads Wireless Power Transfer System with Relay. , 2020, , .		1
27	An Identity Perception Algorithm Based on WiFi Channel State Information. , 2022, , .		1
28	Analytic solution for double optical metasurface beam scanners. Scientific Reports, 2022, 12, 5912.	3.3	1
29	Wits: An Efficient Wi-Fi Based Indoor Positioning and Tracking System. Remote Sensing, 2022, 14, 19.	4.0	1
30	Multichannel energy detection UWB receivers based on nonlinear square law technology. , 2016, , .		0
31	Design of Dual-Band Bandpass Filter Using a Hybrid Feed Scheme. , 2020, , .		0
32	An Angle Recognition Algorithm for Tracking Moving Targets Using WiFi Signals with Adaptive Spatiotemporal Clustering. Sensors, 2022, 22, 276.	3.8	0