Kaihua Liu

List of Publications by Year
in descending order

49	718	759233	580821
papers	citations	12	25
		h-index	g-index

49	49	49	714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Probabilistic Radio Map Construction Scheme for Crowdsourcing-Based Fingerprinting Localization. IEEE Sensors Journal, 2016, 16, 3764-3774.	4.7	80
2	Packet Forwarding in Named Data Networking Requirements and Survey of Solutions. IEEE Communications Surveys and Tutorials, 2019, 21, 1950-1987.	39.4	75
3	MaPIT: An Enhanced Pending Interest Table for NDN With Mapping Bloom Filter. IEEE Communications Letters, 2014, 18, 1915-1918.	4.1	67
4	Similarity Analysis-Based Indoor Localization Algorithm With Backscatter Information of Passive UHF RFID Tags. IEEE Sensors Journal, 2017, 17, 185-193.	4.7	65
5	Iterative Phase Reconstruction and Weighted Localization Algorithm for Indoor RFID-Based Localization in NLOS Environment. IEEE Sensors Journal, 2014, 14, 597-611.	4.7	50
6	Joint TOA and DOA Localization in Indoor Environment Using Virtual Stations. IEEE Communications Letters, 2014, 18, 1423-1426.	4.1	50
7	A Novel Dynamic Neuro-Space Mapping Approach for Nonlinear Microwave Device Modeling. IEEE Microwave and Wireless Components Letters, 2016, 26, 131-133.	3.2	43
8	A Multipath Mitigation Localization Algorithm Based on MDS for Passive UHF RFID. IEEE Communications Letters, 2015, 19, 1652-1655.	4.1	29
9	Geometry Influence on GDOP in TOA and AOA Positioning Systems. , 2010, , .		28
10	Coherently Distributed Wideband LFM Source Localization. IEEE Signal Processing Letters, 2015, 22, 504-508.	3.6	21
11	Hybrid wireless networks with FIB-based Named Data Networking. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	20
12	An Accurate Geometrical Multi-Target Device-Free Localization Method Using Light Sensors. IEEE Sensors Journal, 2018, 18, 7619-7632.	4.7	18
13	A Novel RFID Anti-Collision Algorithm Based on SDMA. , 2008, , .		17
14	5G with B-MaFIB Based Named Data Networking. IEEE Access, 2018, 6, 30501-30507.	4.2	15
15	A novel printed microstrip antenna with frequency reconfigurable characteristics for bluetooth/WLAN/WIMAX applications. Microwave and Optical Technology Letters, 2013, 55, 1341-1345.	1.4	11
16	Trans-Impedance Filter Synthesis Based on Nodal Admittance Matrix Expansion. Circuits, Systems, and Signal Processing, 2013, 32, 1467-1476.	2.0	10
17	Construction of CDBA and CDTA behavioral models and the applications in symbolic circuits analysis. Analog Integrated Circuits and Signal Processing, 2013, 75, 517-523.	1.4	10
18	Smart Name Lookup for NDN Forwarding Plane via Neural Networks. IEEE/ACM Transactions on Networking, 2022, 30, 529-541.	3.8	10

#	Article	IF	Citations
19	Localization and Tracking of an Indoor Autonomous Vehicle Based on the Phase Difference of Passive UHF RFID Signals. Sensors, 2021, 21, 3286.	3.8	9
20	A Study on the Routing Selection Method in Zigbee Networks Based on the Mobility of the Nodes and the Scale of the Network. , 2010, , .		8
21	Direction of arrival estimation of coherent wideband LFM signals in multipath environment. , 2010, , .		7
22	Entropy-based active sparse subspace clustering. Multimedia Tools and Applications, 2018, 77, 22281-22297.	3.9	7
23	RFID based Vehicular Localization for Intelligent Transportation Systems. , 2019, , .		7
24	A Coarse Fingerprint-Assisted Multiple Target Indoor Device-Free Localization With Visible Light Sensing. IEEE Sensors Journal, 2022, 22, 1461-1473.	4.7	7
25	Effect of Node Mobility and Network Dimension to the Zigbee Routing Method. , 2010, , .		5
26	Adaptive resource allocation algorithm for internet of things with bandwidth constraint. Transactions of Tianjin University, 2012, 18, 253-258.	6.4	5
27	Some Results on the Capacity of MIMO Rayleigh Fading Channels. , 2010, , .		4
28	An enhanced Neuro-Space mapping method for nonlinear microwave device modeling. , 2012, , .		4
29	Low-Complexity Spatial Parameter Estimation for Coherently Distributed Linear Chirp Source. IEEE Access, 2018, 6, 75843-75854.	4.2	4
30	Learning Tree. , 2019, , .		4
31	Vehicular Localization With Using China Electronic License Plate System. IEEE Journal of Radio Frequency Identification, 2020, 4, 322-331.	2.3	4
32	Design of MPEG-2 to H. 264/AVC Transcoder. , 0, , .		3
33	An Efficient Indoor Location Algorithm Based on RFID Technology. , 2010, , .		3
34	Symbol-by-symbol MAP detection of differential frequency hopping signals over Rayleigh flat fading channels. , 0, , .		2
35	Symbol-by-symbol MAP detection of differential frequency hopping signals for PLC applications. , 2005, , .		2
36	Joint Iterative Demodulation and Decoding of Differential Frequency Hopping Signals. , 2007, , .		2

#	Article	IF	Citations
37	Research of optimal placement of active reference tags based on LANDMARC algorithm. , 2011, , .		2
38	An enhanced analytical Neuro-Space Mapping method for large-signal microwave device modeling. , 2012, , .		2
39	Localization Performance Analysis for Passive UHF RFID Technology Employing Directional Antennas and Omnidirectional Antennas. International Journal of Wireless Information Networks, 2017, 24, 50-55.	2.7	2
40	Robust Multi-target Device-Free Localization and Tracking via Visible Light Sensing. IEEE Internet of Things Journal, 2022, , 1-1.	8.7	2
41	DSP-based signal processing for differential frequency hopping communications system. , 0, , .		1
42	Simulation and Implementation of Wavelet Packet Multi-Carrier Modulation Technique. , 2008, , .		1
43	An advanced analytical neuro–space mapping technique with sensitivity analysis for transistor modeling. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2017, 30, e2206.	1.9	1
44	Linear Chirp Signal DOA Estimation Using Sparse Time–Frequency Dictionary. International Journal of Wireless Information Networks, 2020, 27, 568-574.	2.7	1
45	An improved Exp-Golomb codes for efficient DCT coefficients coding. , 0, , .		0
46	An improved frit based on 9/7 wavelet base vector. , 0, , .		0
47	A Routing strategy based on node movement in ZigBee networks. , 2010, , .		0
48	Adaptive disparity vector based LSM Color correction for multiview video coding. , 2011, , .		0
49	A smart content store with logical table for named data networking in industrial internet of things environment. Computers and Electrical Engineering, 2021, 94, 107279.	4.8	0