

# Xiaolong Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

288  
citations

1040056

9  
h-index

940533

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g-index

35  
all docs

35  
docs citations

35  
times ranked

294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decimeter Level Indoor Localization Using WiFi Channel State Information. IEEE Sensors Journal, 2022, 22, 4940-4950.	4.7	15
2	UAV Detection and Localization Based on Multi-Dimensional Signal Features. IEEE Sensors Journal, 2022, 22, 5150-5162.	4.7	19
3	Joint access point fuzzy rough set reduction and multisource information fusion for indoor Wi-Fi positioning. Neural Computing and Applications, 2022, 34, 2677-2689.	5.6	3
4	Device-to-Device Cooperative Positioning via Matrix Completion and Anchor Selection. IEEE Internet of Things Journal, 2022, 9, 5461-5473.	8.7	7
5	Service Antenna Array-Based Parameter Estimation for Decimeter Level Indoor Localization. , 2022, 6, 1-4.		2
6	CSI-Based ToF Estimation for Reflection Path Under the TTW Scenario. IEEE Wireless Communications Letters, 2021, 10, 1010-1013.	5.0	4
7	TWPad: Through the wall passive human detection based on joint hypothesis statistical test. , 2021, , .		0
8	Passive Localization of Moving Target with Channel State Information. Journal of Sensors, 2021, 2021, 1-9.	1.1	2
9	Leveraging Hypothesis Testing for CSI Based Passive Human Intrusion Direction Detection. IEEE Transactions on Vehicular Technology, 2021, 70, 7749-7763.	6.3	11
10	Indoor Passive Localization With Channel State Information Using a Single Access Point. IEEE Sensors Journal, 2021, 21, 17085-17095.	4.7	7
11	Multi-source Fusion Positioning Algorithm Based on Adaptive Weighting. , 2021, , .		0
12	Curve Fitting based CSI Compression and Reconstruction for Indoor Positioning. , 2021, , .		0
13	Channel State Information Compression based on Projection Transformation and Curve Fitting. , 2021, , .		1
14	Projection-assisted Indoor Attenuation Parameter Compression based on Curve Fitting. , 2021, , .		0
15	Temporal-Frequency Attention-Based Human Activity Recognition Using Commercial WiFi Devices. IEEE Access, 2020, 8, 137758-137769.	4.2	20
16	AP Optimization for Wi-Fi Indoor Positioning-Based on RSS Feature Fuzzy Mapping and Clustering. IEEE Access, 2020, 8, 153599-153609.	4.2	11
17	Research on Human Activity Recognition Technology under the Condition of Through-the-wall. , 2020, , .		0
18	Indoor WLAN Intelligent Target Intrusion Sensing Using Ray-Aided Generative Adversarial Network. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 61-73.	4.9	31

#	ARTICLE	IF	CITATIONS
19	TWPalo: Through-the-wall passive localization of moving human with Wi-Fi. <i>Computer Communications</i> , 2020, 157, 284-297.	5.1	6
20	Three-Dimensional Joint Parameter Estimation Algorithm Based on Service Antenna. , 2020, , .		0
21	Energy-efficient DAC switching scheme with operation-mode configurability for SAR ADCs. <i>Analog Integrated Circuits and Signal Processing</i> , 2019, 101, 169-173.	1.4	2
22	Rammar: RAM Assisted Mask R-CNN for FMCW Sensor Based HGD System. , 2019, , .		5
23	A low power clock generator with self-calibration for UHF RFID tags in intelligent terrestrial sensor networks. <i>Wireless Networks</i> , 2019, , 1.	3.0	1
24	CSI Component Reconstruction-Based AoA Estimation for Subtle Human-Induced Reflection Under the TTW Scenario. <i>IEEE Communications Letters</i> , 2019, 23, 1393-1396.	4.1	14
25	GPS attitude measurement with baseline constrained optimization algorithm for unpiloted car. <i>Wireless Networks</i> , 2019, , 1.	3.0	0
26	Indoor Through-the-Wall Passive Human Target Detection with WiFi. , 2019, , .		3
27	Two-Stream Time Sequential Network Based Hand Gesture Recognition Method Using Radar Sensor. , 2019, , .		2
28	TWPalo: Through-the-Wall Passive Localization of Moving Human with Wi-Fi. , 2019, , .		6
29	Interference Suppression Based Gesture Recognition Method with FMCW Radar. , 2019, , .		5
30	WiCatch: A Wi-Fi Based Hand Gesture Recognition System. <i>IEEE Access</i> , 2018, 6, 16911-16923.	4.2	66
31	Pedestrian Motion Learning Based Indoor WLAN Localization via Spatial Clustering. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-10.	1.2	2
32	A group reset method for energy-efficient SAR ADC switching schemes. <i>Analog Integrated Circuits and Signal Processing</i> , 2018, 96, 183-187.	1.4	8
33	Energy-efficient target channel sequence design for spectrum handoffs in Cognitive radio networks. <i>China Communications</i> , 2017, 14, 207-217.	3.2	2
34	Achieving Cost-Efficient Indoor Fingerprint Localization on WLAN Platform: A Hypothetical Test Approach. <i>IEEE Access</i> , 2017, 5, 15865-15874.	4.2	27
35	Spectrum Handoffs Based on Preemptive Repeat Priority Queue in Cognitive Radio Networks. <i>Sensors</i> , 2016, 16, 1127.	3.8	6