

Jiacheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

142
citations

1478505

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1474206

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g-index

16
all docs

16
docs citations

16
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	WiCatch: A Wi-Fi Based Hand Gesture Recognition System. IEEE Access, 2018, 6, 16911-16923.	4.2	66
2	Decimeter Level Indoor Localization Using WiFi Channel State Information. IEEE Sensors Journal, 2022, 22, 4940-4950.	4.7	15
3	CSI Component Reconstruction-Based AoA Estimation for Subtle Human-Induced Reflection Under the TTW Scenario. IEEE Communications Letters, 2019, 23, 1393-1396.	4.1	14
4	Leveraging Hypothesis Testing for CSI Based Passive Human Intrusion Direction Detection. IEEE Transactions on Vehicular Technology, 2021, 70, 7749-7763.	6.3	11
5	TWPalo: Through-the-Wall Passive Localization of Moving Human with Wi-Fi. , 2019, , .		6
6	Indoor WLAN Personnel Intrusion Detection Using Transfer Learning-Aided Generative Adversarial Network with Light-Loaded Database. Mobile Networks and Applications, 2021, 26, 1024-1042.	3.3	6
7	TWPalo: Through-the-wall passive localization of moving human with Wi-Fi. Computer Communications, 2020, 157, 284-297.	5.1	6
8	HiLoc: Sub-Meter Level Indoor Localization Using a Single Access Point With Distributed Antennas in Wireless Sensor Networks. IEEE Sensors Journal, 2022, 22, 4869-4881.	4.7	5
9	CSI-Based ToF Estimation for Reflection Path Under the TTW Scenario. IEEE Wireless Communications Letters, 2021, 10, 1010-1013.	5.0	4
10	Indoor Through-the-Wall Passive Human Target Detection with WiFi. , 2019, , .		3
11	FiLoc: Fine-Grained Indoor Localization Using a Single Access Point. , 2020, , .		3
12	Passive Localization of Moving Target with Channel State Information. Journal of Sensors, 2021, 2021, 1-9.	1.1	2
13	Channel State Information Compression based on Projection Transformation and Curve Fitting. , 2021, , .		1
14	Device-Free Hand Gesture Recognition System Based on Commercial Wi-Fi Devices. , 2018, , .		0
15	TWPad: Through the wall passive human detection based on joint hypothesis statistical test. , 2021, , .		0
16	Multi-source Fusion Positioning Algorithm Based on Adaptive Weighting. , 2021, , .		0