

# Jiacheng Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7780635/publications.pdf>

Version: 2024-02-01

16  
papers

142  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

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docs citations

16  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Decimeter Level Indoor Localization Using WiFi Channel State Information. IEEE Sensors Journal, 2022, 22, 4940-4950.	4.7	15
3	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
4	CSI-Based ToF Estimation for Reflection Path Under the TTW Scenario. IEEE Wireless Communications Letters, 2021, 10, 1010-1013.	5.0	4
5	TWPad: Through the wall passive human detection based on joint hypothesis statistical test. , 2021, , .		0
6	Passive Localization of Moving Target with Channel State Information. Journal of Sensors, 2021, 2021, 1-9.	1.1	2
7	Leveraging Hypothesis Testing for CSI Based Passive Human Intrusion Direction Detection. IEEE Transactions on Vehicular Technology, 2021, 70, 7749-7763.	6.3	11
8	Multi-source Fusion Positioning Algorithm Based on Adaptive Weighting. , 2021, , .		0
9	Channel State Information Compression based on Projection Transformation and Curve Fitting. , 2021, , .		1
10	TWPalo: Through-the-wall passive localization of moving human with Wi-Fi. Computer Communications, 2020, 157, 284-297.	5.1	6
11	FiLoc: Fine-Grained Indoor Localization Using a Single Access Point. , 2020, , .		3
12	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
13	Indoor Through-the-Wall Passive Human Target Detection with WiFi. , 2019, , .		3
14	TWPalo: Through-the-Wall Passive Localization of Moving Human with Wi-Fi. , 2019, , .		6
15	WiCatch: A Wi-Fi Based Hand Gesture Recognition System. IEEE Access, 2018, 6, 16911-16923.	4.2	66
16	Device-Free Hand Gesture Recognition System Based on Commercial Wi-Fi Devices. , 2018, , .		0