

# Fuqiang Gu

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

799  
citations

623734

14  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Indoor Localization Improved by Spatial Context—A Survey. ACM Computing Surveys, 2020, 52, 1-35.	23.0	122
2	Accurate Step Length Estimation for Pedestrian Dead Reckoning Localization Using Stacked Autoencoders. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2705-2713.	4.7	82
3	Locomotion Activity Recognition Using Stacked Denoising Autoencoders. IEEE Internet of Things Journal, 2018, 5, 2085-2093.	8.7	78
4	A Survey on Deep Learning for Human Activity Recognition. ACM Computing Surveys, 2022, 54, 1-34.	23.0	73
5	Robust and Accurate Smartphone-Based Step Counting for Indoor Localization. IEEE Sensors Journal, 2017, 17, 3453-3460.	4.7	72
6	APFiLoc: An Infrastructure-Free Indoor Localization Method Fusing Smartphone Inertial Sensors, Landmarks and Map Information. Sensors, 2015, 15, 27251-27272.	3.8	53
7	Improvement Schemes for Indoor Mobile Location Estimation: A Survey. Mathematical Problems in Engineering, 2015, 2015, 1-32.	1.1	49
8	User-Independent Motion State Recognition Using Smartphone Sensors. Sensors, 2015, 15, 30636-30652.	3.8	44
9	Improving Wi-Fi Indoor Positioning via AP Sets Similarity and Semi-Supervised Affinity Propagation Clustering. International Journal of Distributed Sensor Networks, 2015, 11, 109642.	2.2	39
10	Crowdsourcing-based indoor mapping using smartphones: A survey. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 177, 131-146.	11.1	33
11	A Map/INS/Wi-Fi Integrated System for Indoor Location-Based Service Applications. Sensors, 2017, 17, 1272.	3.8	32
12	Landmark Graph-Based Indoor Localization. IEEE Internet of Things Journal, 2020, 7, 8343-8355.	8.7	26
13	Learning RSSI Feature via Ranking Model for Wi-Fi Fingerprinting Localization. IEEE Transactions on Vehicular Technology, 2020, 69, 1695-1705.	6.3	22
14	$\$HTrack$ : An Efficient Heading-Aided Map Matching for Indoor Localization and Tracking. IEEE Sensors Journal, 2019, 19, 3100-3110.	4.7	20
15	Locomotion activity recognition: A deep learning approach. , 2017, , .		13
16	Path distance-based map matching for Wi-Fi fingerprinting positioning. Future Generation Computer Systems, 2020, 107, 82-94.	7.5	8
17	Sensory landmarks for indoor localization. , 2016, , .		7
18	Room semantics inference using random forest and relational graph convolutional networks: A case study of research building. Transactions in GIS, 2021, 25, 71-111.	2.3	7

#	ARTICLE	IF	CITATIONS
19	A mobile guide system framework for museums based on local location-aware approach. , 2011, , .		5
20	ZeeFi: Zero-Effort Floor Identification with Deep Learning for Indoor Localization. , 2019, , .		5
21	EFFICIENT AND ACCURATE INDOOR LOCALIZATION USING LANDMARK GRAPHS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 509-514.	0.2	5
22	Effect Evaluation of Spatial Characteristics on Map Matching-Based Indoor Positioning. Sensors, 2020, 20, 6698.	3.8	3
23	MDOE: A Spatiotemporal Event Representation Considering the Magnitude and Density of Events. IEEE Robotics and Automation Letters, 2022, 7, 7966-7973.	5.1	1
24	An improved fingerprinting method for localization WLAN-based. , 2011, , .		0