

Qu Wang

List of Publications by Year in descending order

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27
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626
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-Line Evaluation of Indoor Positioning Systems in Different Scenarios: The Experiences From IPIN 2020 Competition. IEEE Sensors Journal, 2022, 22, 5011-5054.	2.4	35
2	A Hierarchical LSTM-Based Indoor Geomagnetic Localization Algorithm. IEEE Sensors Journal, 2022, 22, 1227-1237.	2.4	6
3	Recent Advances in Pedestrian Navigation Activity Recognition: A Review. IEEE Sensors Journal, 2022, 22, 7499-7518.	2.4	14
4	Pedestrian Dead Reckoning Based on Walking Pattern Recognition and Online Magnetic Fingerprint Trajectory Calibration. IEEE Internet of Things Journal, 2021, 8, 2011-2026.	5.5	44
5	SNR-Centric Power Trace Extractors for Side-Channel Attacks. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2021, 40, 620-632.	1.9	2
6	Residual Attention Network-Based Confidence Estimation Algorithm for Non-Holonomic Constraint in GNSS/INS Integrated Navigation System. IEEE Transactions on Vehicular Technology, 2021, 70, 11404-11418.	3.9	12
7	Adaptive Kalman filtering-based pedestrian navigation algorithm for smartphones. International Journal of Advanced Robotic Systems, 2020, 17, 172988142093093.	1.3	6
8	A Spatial-Temporal Positioning Algorithm Using Residual Network and LSTM. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9251-9261.	2.4	36
9	Personalized Stride-Length Estimation Based on Active Online Learning. IEEE Internet of Things Journal, 2020, 7, 4885-4897.	5.5	24
10	Pedestrian Walking Distance Estimation Based on Smartphone Mode Recognition. Remote Sensing, 2019, 11, 1140.	1.8	35
11	A Human Activity Recognition Algorithm Based on Stacking Denoising Autoencoder and LightGBM. Sensors, 2019, 19, 947.	2.1	52
12	Pedestrian Stride-Length Estimation Based on LSTM and Denoising Autoencoders. Sensors, 2019, 19, 840.	2.1	60
13	A Fast Indoor/Outdoor Transition Detection Algorithm Based on Machine Learning. Sensors, 2019, 19, 786.	2.1	40
14	Pedestrian Heading Estimation Based on Spatial Transformer Networks and Hierarchical LSTM. IEEE Access, 2019, 7, 162309-162322.	2.6	25
15	A Robust Wi-Fi Fingerprint Positioning Algorithm Using Stacked Denoising Autoencoder and Multi-Layer Perceptron. Remote Sensing, 2019, 11, 1293.	1.8	40
16	Light positioning: A high-accuracy visible light indoor positioning system based on attitude identification and propagation model. International Journal of Distributed Sensor Networks, 2018, 14, 155014771875826.	1.3	43
17	Ground Robot Path Planning Based on Simulated Annealing Genetic Algorithm. , 2018, , .		6
18	A hybrid localization algorithm using Inertial Sensor, Satellite and Wi-Fi for Smartphone. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	A Multimode Fusion Visible Light Localization Algorithm using Ambient Lights. , 2018, , .		3
20	An Infrastructure-Free Indoor Localization Algorithm for Smartphones. Sensors, 2018, 18, 3317.	2.1	18
21	A Bluetooth Localization Algorithm Based on Map Path Calibration and Time Series Filtering. Lecture Notes in Electrical Engineering, 2018, , 355-371.	0.3	0
22	A Robust Turn Detection Algorithm Based on Periodic Signal Identification. Lecture Notes in Electrical Engineering, 2018, , 325-339.	0.3	0
23	Research on Crowd Behavior Analysis: A Review. Jisuanji Fuzhu Sheji Yu Tuxingxue Xuebao/Journal of Computer-Aided Design and Computer Graphics, 2018, 30, 2353.	0.2	0
24	An Indoor Three Dimensional Positioning Algorithm Based on Attitude Identification and Visible Light Propagation Model. Lecture Notes in Electrical Engineering, 2017, , 367-380.	0.3	4
25	Location Fingerprint Extraction for Magnetic Field Magnitude Based Indoor Positioning. Journal of Sensors, 2016, 2016, 1-16.	0.6	58
26	WiMag: Multimode Fusion Localization System based on Magnetic/WiFi/PDR. , 2016, , .		20
27	An indoor self-localization algorithm using the calibration of the online magnetic fingerprints and indoor landmarks. , 2016, , .		31