Ao Peng

List of Publications by Year
in descending order

26 papers	311 citations	10 h-index (933447)	17 g-index (888059)

26 papers

311 citations

933447

10 h-index

888059

17 g-index

26 all docs

26 docs citations

26 times ranked

412 citing authors

#	Article	IF	Citations
1	A 3D indoor positioning system based on low-cost MEMS sensors. Simulation Modelling Practice and Theory, 2016, 65, 45-56.	3.8	61
2	An INS/WiFi Indoor Localization System Based on the Weighted Least Squares. Sensors, 2018, 18, 1458.	3.8	41
3	The IPIN 2019 Indoor Localisation Competition—Description and Results. IEEE Access, 2020, 8, 206674-206718.	4.2	37
4	Off-Line Evaluation of Indoor Positioning Systems in Different Scenarios: The Experiences From IPIN 2020 Competition. IEEE Sensors Journal, 2022, 22, 5011-5054.	4.7	35
5	A Novel Energy-Efficient Approach for Human Activity Recognition. Sensors, 2017, 17, 2064.	3.8	28
6	Fast satellite selection method for multi-constellation Global Navigation Satellite System under obstacle environments. IET Radar, Sonar and Navigation, 2014, 8, 1051-1058.	1.8	19
7	An INS/Floor-Plan Indoor Localization System Using the Firefly Particle Filter. ISPRS International Journal of Geo-Information, 2018, 7, 324.	2.9	13
8	Building information aided Wi-Fi fingerprinting positioning system. Computers and Electrical Engineering, 2018, 71, 558-568.	4.8	12
9	A Hybrid Dead Reckon System Based on 3-Dimensional Dynamic Time Warping. Electronics (Switzerland), 2019, 8, 185.	3.1	12
10	Cost Optimization for On-Demand Content Streaming in IoV Networks With Two Service Tiers. IEEE Internet of Things Journal, 2019, 6, 38-49.	8.7	12
11	A Gyroscope Bias Estimation Algorithm Based on Map Specific Information. Sensors, 2018, 18, 2534.	3.8	5
12	Proactive Content Delivery with Service-Tier Awareness and User Demand Prediction. Electronics (Switzerland), 2019, 8, 50.	3.1	5
13	Pedestrian Dead Reckoning-Assisted Visual Inertial Odometry Integrity Monitoring. Sensors, 2019, 19, 5577.	3.8	4
14	A Heading Estimation Algorithm for Wrist Device Assisted by Sequential Geomagnetic Observations. IEEE Sensors Journal, 2022, 22, 5309-5317.	4.7	4
15	An Indoor Navigation Algorithm Using Multi-Dimensional Euclidean Distance and an Adaptive Particle Filter. Sensors, 2021, 21, 8228.	3.8	4
16	Frequency estimation of single tone signals with bit transition. IET Signal Processing, 2014, 8, 1025-1031.	1.5	3
17	RSS-Based Map Construction for Indoor Localization. , 2018, , .		3
18	The Time-of-Arrival Offset Estimation in Neural Network Atomic Denoising in Wireless Location. Sensors, 2022, 22, 5364.	3.8	3

#	Article	IF	Citations
19	Analysis to the effects of NH code for Beidou MEO/IGSO satellite signal acquisition. , 2014, , .		2
20	A smart-phone based hand-held indoor tracking system. , 2017, , .		2
21	Research on multiple gait and 3D indoor positioning system. , 2017, , .		2
22	Inertial sensor aided visual indoor positioning. , 2018, , .		2
23	A novel weak signal acquisition scheme for Beidou nGEO satellite signals. , 2015, , .		1
24	A parameterized wifi fingerprint database construction method. , 2017, , .		1
25	Short-term prediction of the compensated force model. , 2017, , .		0
26	Attitude Tracking based on Sequential Geomagnetic Observations. , 2019, , .		0