

SmartScanner: Know More in Walls with Your Smartphone

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#	ARTICLE	IF	CITATIONS
1	Node Immunization with Time-Sensitive Restrictions. <i>Sensors</i> , 2016, 16, 2141.	2.1	6
2	A Mixed Transmission Strategy to Achieve Energy Balancing in Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2017, 16, 2111-2122.	6.1	19
3	A Participatory Urban Traffic Monitoring System: The Power of Bus Riders. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 2851-2864.	4.7	53
4	Content caching with virtual spatial locality in Cellular Network. <i>Pervasive and Mobile Computing</i> , 2017, 41, 365-380.	2.1	1
5	Distributed Algorithms to Compute Walrasian Equilibrium in Mobile Crowdsensing. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 4048-4057.	5.2	94
6	Compressive detection and localization of multiple heterogeneous events in sensor networks. <i>Ad Hoc Networks</i> , 2017, 65, 65-77.	3.4	4
7	Fair Energy-Efficient Sensing Task Allocation in Participatory Sensing with Smartphones. <i>Computer Journal</i> , 2017, 60, 850-865.	1.5	14
8	GuideLoc: UAV-Assisted Multitarget Localization System for Disaster Rescue. <i>Mobile Information Systems</i> , 2017, 2017, 1-13.	0.4	24
9	ANCR – An Adaptive Network Coding Routing Scheme for WSNs with Different-Success-Rate Links. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 809.	1.3	2
10	Geomagnetism for Smartphone-Based Indoor Localization. <i>ACM Computing Surveys</i> , 2018, 50, 1-37.	16.1	58
11	Enabling entity discovery in indoor commercial environments without pre-deployed infrastructure. <i>Frontiers of Computer Science</i> , 2019, 13, 618-636.	1.6	2
12	Floor Identification Using Magnetic Field Data with Smartphone Sensors. <i>Sensors</i> , 2019, 19, 2538.	2.1	26
13	Orientation-Aided Stochastic Magnetic Matching for Indoor Localization. <i>IEEE Sensors Journal</i> , 2020, 20, 1003-1010.	2.4	10
14	Combining a Modified Particle Filter Method and Indoor Magnetic Fingerprint Map to Assist Pedestrian Dead Reckoning for Indoor Positioning and Navigation. <i>Sensors</i> , 2020, 20, 185.	2.1	9
15	Smartphone Sensor Based Indoor Positioning: Current Status, Opportunities, and Future Challenges. <i>Electronics (Switzerland)</i> , 2020, 9, 891.	1.8	41
16	Indoor Localization With Adaptive Signal Sequence Representations. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 11678-11694.	3.9	8
17	A Precise Lesion Localization System Using a Magnetometer With Real-Time Baseline Cancellation for Laparoscopic Surgery. <i>IEEE Access</i> , 2021, 9, 131648-131657.	2.6	0
18	Empirical Overview of Benchmark Datasets for Geomagnetic Field-Based Indoor Positioning. <i>Sensors</i> , 2021, 21, 3533.	2.1	3

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19	A Comprehensive Analysis of Magnetic Field Based Indoor Positioning With Smartphones: Opportunities, Challenges and Practical Limitations. IEEE Access, 2020, 8, 228548-228571.	2.6	15
20	Data Dissemination and Remote Control in Wireless Sensor Networks. Studies in Systems, Decision and Control, 2019, , 499-531.	0.8	0
21	A Hierarchical LSTM-Based Indoor Geomagnetic Localization Algorithm. IEEE Sensors Journal, 2022, 22, 1227-1237.	2.4	6
22	MagneFi: Multiuser, Multi-Building and Multi-Floor Geomagnetic Field Dataset for Indoor Positioning. Computers, Materials and Continua, 2022, 73, 1747-1768.	1.5	0
23	Markerless Radio Frequency Indoor Monitoring for Telemedicine: Gait Analysis, Indoor Positioning, Fall Detection, Tremor Analysis, Vital Signs and Sleep Monitoring. Sensors, 2022, 22, 8486.	2.1	6