Michiel Aernouts

List of Publications by Year
in descending order

17 papers	372 citations	1307594 7 h-index	1281871 11 g-index
19 all docs	19 docs citations	19 times ranked	342 citing authors

#	Article	IF	Citations
1	LoRay: AoA Estimation System for Long Range Communication Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2005-2018.	9.2	22
2	FLINT: Flows for the Internet of Things. Applied Sciences (Switzerland), 2021, 11, 9303.	2.5	0
3	LoRaWAN Geo-Tracking Using Map Matching and Compass Sensor Fusion. Sensors, 2020, 20, 5815.	3.8	7
4	A Multimodal Localization Framework Design for IoT Applications. Sensors, 2020, 20, 4622.	3.8	7
5	LoRa 2.4 GHz Communication Link and Range. Sensors, 2020, 20, 4366.	3.8	36
6	TDAoA: A combination of TDoA and AoA localization with LoRaWAN. Internet of Things (Netherlands), 2020, 11, 100236.	7.7	22
7	Combining TDoA and AoA with a particle filter in an outdoor LoRaWAN network. , 2020, , .		9
8	Compass Aided TDoA Tracking in LoRaWAN networks. , 2020, , .		3
9	Leveraging LoRaWAN Technology for Precision Agriculture in Greenhouses. Sensors, 2020, 20, 1827.	3.8	58
10	Simulating a Combination of TDoA and AoA Localization for LoRaWAN. Lecture Notes in Networks and Systems, 2020, , 756-765.	0.7	6
11	Regression-Based Estimation of Individual Errors in Fingerprinting Localization. IEEE Access, 2019, 7, 33652-33664.	4.2	26
12	DEMO: A Cloud-based Virtual Network Operator for Managing Multimodal LPWANs and Devices. , 2018, , .		1
13	Outdoor Fingerprinting Localization Using Sigfox. , 2018, , .		28
14	A Comparison of Signal Strength Localization Methods with Sigfox. , 2018, , .		27
15	MapFuse: Complete and Realistic 3D Modelling. Journal of Robotics, 2018, 2018, 1-13.	0.9	2
16	Sigfox and LoRaWAN Datasets for Fingerprint Localization in Large Urban and Rural Areas. Data, 2018, 3, 13.	2.3	104
17	Comparing 433 and 868 MHz Active RFID for Indoor Localization Using Multi-Wall Model. , 2018, , .		1