

# Michiel Aernouts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2647019/publications.pdf>

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17  
papers

372  
citations

1307594

7  
h-index

1281871

11  
g-index

19  
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19  
docs citations

19  
times ranked

342  
citing authors

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