

# Mahdi Maaref

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7345274/publications.pdf>

Version: 2024-02-01

12  
papers

242  
citations

1684188

5  
h-index

1720034

7  
g-index

12  
all docs

12  
docs citations

12  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunistic Autonomous Integrity Monitoring for Enhanced UAV Safety. IEEE Aerospace and Electronic Systems Magazine, 2023, 38, 34-44.	1.3	2
2	Autonomous Integrity Monitoring for Vehicular Navigation With Cellular Signals of Opportunity and an IMU. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5586-5601.	8.0	17
3	Autonomous Ground Vehicle Path Planning in Urban Environments Using GNSS and Cellular Signals Reliability Maps: Simulation and Experimental Results. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 2575-2586.	4.7	4
4	Ground Vehicle Navigation in GNSS-Challenged Environments Using Signals of Opportunity and a Closed-Loop Map-Matching Approach. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2723-2738.	8.0	44
5	Measurement Characterization and Autonomous Outlier Detection and Exclusion for Ground Vehicle Navigation With Cellular Signals. IEEE Transactions on Intelligent Vehicles, 2020, 5, 670-683.	12.7	30
6	Robust Vehicular Localization and Map Matching in Urban Environments Through IMU, GNSS, and Cellular Signals. IEEE Intelligent Transportation Systems Magazine, 2020, 12, 36-52.	3.8	59
7	Enhanced Safety of Autonomous Driving by Incorporating Terrestrial Signals of Opportunity. , 2020, , .		6
8	Optimal GPS Integrity-Constrained Path Planning for Ground Vehicles. , 2020, , .		4
9	Multipath-Optimal UAV Trajectory Planning for Urban UAV Navigation with Cellular Signals. , 2019, , .		14
10	Lane-Level Localization and Mapping in GNSS-Challenged Environments by Fusing Lidar Data and Cellular Pseudorange. IEEE Transactions on Intelligent Vehicles, 2019, 4, 73-89.	12.7	49
11	Integrity Monitoring of LTE Signals of Opportunity-Based Navigation for Autonomous Ground Vehicles. , 0, , .		7
12	UAV Integrity Monitoring Measure Improvement using Terrestrial Signals of Opportunity. , 0, , .		6