

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	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
2	Lane-Level Localization and Mapping in GNSS-Challenged Environments by Fusing Lidar Data and Cellular Pseudoranges. IEEE Transactions on Intelligent Vehicles, 2019, 4, 73-89.	12.7	49
3	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
4	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
5	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
6	Multipath-Optimal UAV Trajectory Planning for Urban UAV Navigation with Cellular Signals. , 2019, , .		14
7	Integrity Monitoring of LTE Signals of Opportunity-Based Navigation for Autonomous Ground Vehicles. , 0, , .		7
8	Enhanced Safety of Autonomous Driving by Incorporating Terrestrial Signals of Opportunity. , 2020, , .		6
9	UAV Integrity Monitoring Measure Improvement using Terrestrial Signals of Opportunity. , 0, , .		6
10	Optimal GPS Integrity-Constrained Path Planning for Ground Vehicles. , 2020, , .		4
11	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
12	Opportunistic Autonomous Integrity Monitoring for Enhanced UAV Safety. IEEE Aerospace and Electronic Systems Magazine, 2023, 38, 34-44.	1.3	2