

Mohammad Aldibaja

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	LiDAR- and Radar-Based Robust Vehicle Localization with Confidence Estimation of Matching Results. Sensors, 2022, 22, 3545.	3.8	5
2	Improving Lateral Autonomous Driving in Snow-Wet Environments Based on Road-Mark Reconstruction Using Principal Component Analysis. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 116-130.	3.8	3
3	Graph SLAM-Based 2.5D LIDAR Mapping Module for Autonomous Vehicles. Remote Sensing, 2021, 13, 5066.	4.0	5
4	Reliable Graph-Slam Framework to Generate 2D LIDAR Intensity Maps for Autonomous Vehicles. , 2020, , .		5
5	Loop-Closure and Map-Combiner Detection Strategy based on LIDAR Reflectance and Elevation Maps. , 2020, , .		4
6	Accurate Elevation Maps based Graph-Slam Framework for Autonomous Driving. , 2019, , .		6
7	Automated driving recognition technologies for adverse weather conditions. IATSS Research, 2019, 43, 253-262.	3.4	95
8	Mono-camera based vehicle localization using lidar intensity map for automated driving. Artificial Life and Robotics, 2019, 24, 147-154.	1.2	12
9	Trajectory optimization and state selection for urban automated driving. Artificial Life and Robotics, 2018, 23, 474-480.	1.2	8
10	Vehicle Localization using 76GHz Omnidirectional Millimeter-Wave Radar for Winter Automated Driving. , 2018, , .		25
11	Robust Intensity-Based Localization Method for Autonomous Driving on Snow-Wet Road Surface. IEEE Transactions on Industrial Informatics, 2017, 13, 2369-2378.	11.3	52
12	LIDAR-data accumulation strategy to generate high definition maps for autonomous vehicles. , 2017, , .		21