

# Mohammad Aldibaja

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3240379/publications.pdf>

Version: 2024-02-01

12  
papers

241  
citations

1684188

5  
h-index

1720034

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g-index

13  
all docs

13  
docs citations

13  
times ranked

167  
citing authors

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