

# Antonio Artuñedo

## List of Publications by Year in descending order

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22  
papers

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citations

932766

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24  
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docs citations

24  
times ranked

196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Jerk-Limited Time-Optimal Speed Planning for Arbitrary Paths. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8194-8208.	4.7	15
2	A Grid-Based Framework for Collective Perception in Autonomous Vehicles. Sensors, 2021, 21, 744.	2.1	20
3	Interaction-Aware Intention Estimation at Roundabouts. IEEE Access, 2021, 9, 123088-123102.	2.6	10
4	Merit-Based Motion Planning for Autonomous Vehicles in Urban Scenarios. Sensors, 2021, 21, 3755.	2.1	10
5	Ground Segmentation Algorithm for Sloped Terrain and Sparse LiDAR Point Cloud. IEEE Access, 2021, 9, 132914-132927.	2.6	12
6	Motion Planning Approach Considering Localization Uncertainty. IEEE Transactions on Vehicular Technology, 2020, 69, 5983-5994.	3.9	26
7	Global Planning and Mapping. Springer Theses, 2020, , 39-68.	0.0	0
8	Optimal Trajectory Generation. Springer Theses, 2020, , 91-151.	0.0	0
9	Literature Overview. Springer Theses, 2020, , 9-27.	0.0	0
10	Integration and Demonstrations. Springer Theses, 2020, , 153-187.	0.0	0
11	Reachability Estimation in Dynamic Driving Scenes for Autonomous Vehicles. , 2020, , .		8
12	Machine learning based motion planning approach for intelligent vehicles. , 2020, , .		2
13	A decision-making architecture for automated driving without detailed prior maps. , 2019, , .		10
14	Self-Generated OSM-Based Driving Corridors. IEEE Access, 2019, 7, 20113-20125.	2.6	22
15	Real-Time Motion Planning Approach for Automated Driving in Urban Environments. IEEE Access, 2019, 7, 180039-180053.	2.6	39
16	Automated Driving. , 2018, , 275-342.		4
17	A Primitive Comparison for Traffic-Free Path Planning. IEEE Access, 2018, 6, 28801-28817.	2.6	24
18	Smooth path planning for urban autonomous driving using OpenStreetMaps. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
19	Consensus-Based Cooperative Control Based on Pollution Sensing and Traffic Information for Urban Traffic Networks. <i>Sensors</i> , 2017, 17, 953.	2.1	11
20	Obstacle Recognition Based on Machine Learning for On-Chip LiDAR Sensors in a Cyber-Physical System. <i>Sensors</i> , 2017, 17, 2109.	2.1	41
21	Consensus-Based Cooperative Control Approach Applied to Urban Traffic Networks. <i>Proceedings (mdpi)</i> , 2016, 1, .	0.2	0
22	Advanced Co-simulation Framework for Cooperative Maneuvers Among Vehicles. , 2015, , .		3