

Ahmed Hussein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/775938/publications.pdf>

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15
papers

570
citations

1307594

7
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	A generic multi-sensor fusion scheme for localization of autonomous platforms using moving horizon estimation. Transactions of the Institute of Measurement and Control, 2021, 43, 3413-3427.	1.7	11
2	A Novel Online Approach for Drift Covariance Estimation of Odometries Used in Intelligent Vehicle Localization. Sensors, 2019, 19, 5178.	3.8	6
3	ROS-Based Approach for Unmanned Vehicles in Civil Applications. Studies in Computational Intelligence, 2019, , 155-183.	0.9	5
4	SkyOnyx: Autonomous UAV Research Platform for Air Transportation System (ATSys). , 2018, , .		9
5	3DCoAutoSim: Simulator for Cooperative ADAS and Automated Vehicles. , 2018, , .		15
6	ROS and Unity Based Framework for Intelligent Vehicles Control and Simulation. , 2018, , .		34
7	Examining the Impact on Road Safety of Different Penetration Rates of Vehicle-to-Vehicle Communication and Adaptive Cruise Control. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 24-34.	3.8	24
8	Global and Local Path Planning Study in a ROS-Based Research Platform for Autonomous Vehicles. Journal of Advanced Transportation, 2018, 2018, 1-10.	1.7	98
9	Hybrid Optimization-Based Approach for Multiple Intelligent Vehicles Requests Allocation. Journal of Advanced Transportation, 2018, 2018, 1-11.	1.7	7
10	Autonomous indoor navigation of low-cost quadcopters. , 2015, , .		20
11	Multi-robot Task Allocation: A Review of the State-of-the-Art. Studies in Computational Intelligence, 2015, , 31-51.	0.9	214
12	Multi-robot Task Allocation for Search and Rescue Missions. Journal of Physics: Conference Series, 2014, 570, 052006.	0.4	27
13	Market-based approach to Multi-robot Task Allocation. , 2013, , .		18
14	A Comparative Study between Optimization and Market-Based Approaches to Multi-Robot Task Allocation. Advances in Artificial Intelligence, 2013, 2013, 1-11.	0.9	47
15	Metaheuristic optimization approach to mobile robot path planning. , 2012, , .		32