

Mohamed Abdelkader

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

292
citations

1478505

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28
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28
docs citations

28
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	A UAV based system for real time flash flood monitoring in desert environments using Lagrangian microsensors. , 2013, , .		51
2	Aerial Swarms: Recent Applications and Challenges. Current Robotics Reports, 2021, 2, 309-320.	7.9	46
3	Revised mineral dust emissions in the atmospheric chemistry climate model EMAC (MESSy 2.52) Tj ETQq1 1 0.784314 rgBT /Overlo 3.6 39		
4	Sensitivity of transatlantic dust transport to chemical aging and related atmospheric processes. Atmospheric Chemistry and Physics, 2017, 17, 3799-3821.	4.9	31
5	Aerosol water parameterisation: a single parameter framework. Atmospheric Chemistry and Physics, 2016, 16, 7213-7237.	4.9	28
6	Peer-to-Peer Relative Localization of Aerial Robots With Ultrawideband Sensors. IEEE Transactions on Control Systems Technology, 2021, 29, 1981-1996.	5.2	24
7	Infrastructure-free Multi-robot Localization with Ultrawideband Sensors. , 2019, , .		18
8	Aerosol water parameterization: long-term evaluation and importance for climate studies. Atmospheric Chemistry and Physics, 2018, 18, 16747-16774.	4.9	14
9	Distributed Real Time Control of Multiple UAVs in Adversarial Environment: Algorithm and Flight Testing Results. , 2018, , .		9
10	Optimal multi-agent path planning for fast inverse modeling in UAV-based flood sensing applications. , 2014, , .		8
11	A Distributed Framework for Real Time Path Planning in Practical Multi-agent Systems. IFAC-PapersOnLine, 2017, 50, 10626-10631.	0.9	6
12	RISCuer: a reliable multi-UAV search and rescue testbed. , 2021, , 345-374.		5
13	Semantic Hazard Labelling and Risk Assessment Mapping During Robot Exploration. IEEE Access, 2022, 10, 16337-16349.	4.2	5
14	Real-Time Distributed Motion Planning with Submodular Minimization. , 2018, , .		2
15	WiP abstract: Optimal multi-agent path planning for fast inverse modeling in UAV-based flood sensing applications. , 2014, , .		1
16	Fault Tolerant Flight Control Using Sliding Modes and Subspace Identification-Based Predictive Control. IFAC-PapersOnLine, 2016, 49, 124-129.	0.9	1
17	Modeling air pollution by atmospheric desert. , 2021, , 555-581.		0