

Daniele Sartori

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

126
citations

1478505

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1372567

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15
all docs

15
docs citations

15
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and development of a backstepping controller autopilot for fixed-wing UAVs. Aeronautical Journal, 2021, 125, 2087-2113.	1.6	4
2	IVPR: An Instant Visual Place Recognition Approach Based on Structural Lines in Manhattan World. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4173-4187.	4.7	13
3	An Evaluation Framework to Assess Autonomous Navigation Linked to Environment Complexity. , 2020, , .		5
4	A CNN Approach to Assess Environment Complexity for Robotics Autonomous Navigation. , 2020, , .		1
5	An efficient approach to near-optimal 3D trajectory design in cluttered environments for multirotor UAVs. , 2019, , .		9
6	A Method of 2D Semantic Map Generation for Autonomous Flight of MAVs. , 2019, , .		1
7	An Efficient Simulation Platform for Testing and Validating Autonomous Navigation Algorithms for Multi-rotor UAVs Based on Unreal Engine. Lecture Notes in Electrical Engineering, 2019, , 527-539.	0.4	1
8	An Image-Guided Autonomous Navigation System for Multi-rotor UAVs. Lecture Notes in Electrical Engineering, 2019, , 513-526.	0.4	1
9	Experimental Characterization of a Propulsion System for Multi-rotor UAVs. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 96, 529-540.	3.4	14
10	A Revisited Approach to Lateral Acceleration Modeling for Quadrotor UAVs State Estimation. , 2018, , .		3
11	Implementation and Testing of a Backstepping Controller Autopilot for Fixed-wing UAVs. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 76, 505-525.	3.4	23
12	Design and Validation of an \mathcal{L}_1 Adaptive Controller for Mini-UAV Autopilot. Journal of Intelligent and Robotic Systems: Theory and Applications, 2013, 69, 109-118.	3.4	21
13	Robust assessment for the design of multi-loop proportional integrative derivative autopilot. IET Control Theory and Applications, 2012, 6, 1610.	2.1	10
14	Performance Evaluation of an L_1 Adaptive Controller for Wing-Body Rock Suppression. Journal of Guidance, Control, and Dynamics, 2012, 35, 1702-1708.	2.8	16
15	Experimental Characterization of Actuators for Micro Air Vehicles. International Journal of Micro Air Vehicles, 2011, 3, 49-59.	1.3	4