

Hai Zhu

List of Publications by Year in descending order

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11
papers

347
citations

1478505

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h-index

1872680

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11
all docs

11
docs citations

11
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Chance-Constrained Collision Avoidance for MAVs in Dynamic Environments. IEEE Robotics and Automation Letters, 2019, 4, 776-783.	5.1	130
2	Robust Vision-based Obstacle Avoidance for Micro Aerial Vehicles in Dynamic Environments. , 2020, , .		39
3	B-LIAVC: Buffered Uncertainty-Aware Voronoi Cells for Probabilistic Multi-Robot Collision Avoidance. , 2019, , .		33
4	A dimension-reduction solution of free-time differential games for spacecraft pursuit-evasion. Acta Astronautica, 2019, 163, 201-210.	3.2	30
5	Learning Interaction-Aware Trajectory Predictions for Decentralized Multi-Robot Motion Planning in Dynamic Environments. IEEE Robotics and Automation Letters, 2021, 6, 2256-2263.	5.1	29
6	Saddle Point of Orbital Pursuit-Evasion Game Under J2-Perturbed Dynamics. Journal of Guidance, Control, and Dynamics, 2020, 43, 1733-1739.	2.8	23
7	Distributed Multi-Robot Formation Splitting and Merging in Dynamic Environments. , 2019, , .		22
8	An escape strategy in orbital pursuit-evasion games with incomplete information. Science China Technological Sciences, 2021, 64, 559-570.	4.0	15
9	Decentralized probabilistic multi-robot collision avoidance using buffered uncertainty-aware Voronoi cells. Autonomous Robots, 2022, 46, 401-420.	4.8	15
10	With Whom to Communicate: Learning Efficient Communication for Multi-Robot Collision Avoidance. , 2020, , .		9
11	Multi-robot Task Assignment for Aerial Tracking with Viewpoint Constraints. , 2021, , .		2