

Zijian Wang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

527
citations

1478505

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1872680

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8
all docs

8
docs citations

8
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast, On-line Collision Avoidance for Dynamic Vehicles Using Buffered Voronoi Cells. IEEE Robotics and Automation Letters, 2017, 2, 1047-1054.	5.1	153
2	Agile Coordination and Assistive Collision Avoidance for Quadrotor Swarms Using Virtual Structures. IEEE Transactions on Robotics, 2018, 34, 916-923.	10.3	101
3	Kinematic multi-robot manipulation with no communication using force feedback. , 2016, , .		68
4	Force-Amplifying N-robot Transport System (Force-ANTS) for cooperative planar manipulation without communication. International Journal of Robotics Research, 2016, 35, 1564-1586.	8.5	65
5	Game-Theoretic Planning for Self-Driving Cars in Multivehicle Competitive Scenarios. IEEE Transactions on Robotics, 2021, 37, 1313-1325.	10.3	50
6	A Real-Time Game Theoretic Planner for Autonomous Two-Player Drone Racing. IEEE Transactions on Robotics, 2020, 36, 1389-1403.	10.3	41
7	Multirobot Object Transport via Robust Caging. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 270-280.	9.3	29
8	Multi-robot manipulation with no communication using only local measurements. , 2015, , .		20