Kun Cao

List of Publications by Year
in descending order

14	130	1478505 6	1372567 10
papers	citations	h-index	g-index

14	14	14	109
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ratio-of-Distance Rigidity Theory With Application to Similar Formation Control. IEEE Transactions on Automatic Control, 2020, 65, 2598-2611.	5.7	22
2	Bearing-ratio-of-distance rigidity theory with application to directly similar formation control. Automatica, 2019, 109, 108540.	5.0	18
3	Workspace Analysis of Tendon-Driven Continuum Robots Based on Mechanical Interference Identification. Journal of Mechanical Design, Transactions of the ASME, 2017, 139, .	2.9	17
4	Fully Distributed Cooperative Circumnavigation of Networked Unmanned Aerial Vehicles. IEEE/ASME Transactions on Mechatronics, 2021, 26, 709-718.	5.8	17
5	Preview-Based Discrete-Time Dynamic Formation Control Over Directed Networks via Matrix-Valued Laplacian. IEEE Transactions on Cybernetics, 2020, 50, 1251-1263.	9.5	16
6	Relative Docking and Formation Control via Range and Odometry Measurements. IEEE Transactions on Control of Network Systems, 2020, 7, 912-922.	3.7	14
7	Distributed multi-robot sweep coverage for a region with unknown workload distribution. Autonomous Intelligent Systems, 2021, 1, 1.	3.1	6
8	3-D Network Localization Using Angle Measurements and Reduced Communication. IEEE Transactions on Signal Processing, 2022, 70, 2402-2415.	5.3	6
9	Game-Theoretic Inverse Reinforcement Learning: A Differential Pontryaginâ€™s Maximum Principle Approach. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9506-9513.	11.3	5
10	DIRECT: A Differential Dynamic Programming Based Framework for Trajectory Generation. IEEE Robotics and Automation Letters, 2022, 7, 2439-2446.	5.1	3
11	Preview-Based Formation Control. , 2018, , .		2
12	Efficient Online Jerk-limited Trajectory Generation for Multicopters Using Barrier Functions. , 2021, , .		2
13	Ratio-of-Distance Rigidity in Distributed Formation Control. , 2018, , .		1
14	Relative Docking via Range-only Measurements. , 2019, , .		1