

Zhirong Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

789
citations

932766

10
h-index

1058022

14
g-index

23
all docs

23
docs citations

23
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed constrained optimal consensus of multi-agent systems. <i>Automatica</i> , 2016, 68, 209-215.	3.0	195
2	Ultra-Wideband-Based Localization for Quadcopter Navigation. <i>Unmanned Systems</i> , 2016, 04, 23-34.	2.7	103
3	Quantized Leaderless and Leader-Following Consensus of High-Order Multi-Agent Systems With Limited Data Rate. <i>IEEE Transactions on Automatic Control</i> , 2016, 61, 2432-2447.	3.6	100
4	Ultra-wideband based cooperative relative localization algorithm and experiments for multiple unmanned aerial vehicles in GPS denied environments. <i>International Journal of Micro Air Vehicles</i> , 2017, 9, 169-186.	1.0	96
5	Convergence rate analysis of distributed optimization with projected subgradient algorithm. <i>Automatica</i> , 2017, 83, 162-169.	3.0	68
6	Persistently Excited Adaptive Relative Localization and Time-Varying Formation of Robot Swarms. <i>IEEE Transactions on Robotics</i> , 2020, 36, 553-560.	7.3	37
7	Integrated UWB-Vision Approach for Autonomous Docking of UAVs in GPS-denied Environments. , 2019, , .		36
8	Distance-Based Cooperative Relative Localization for Leader-Following Control of MAVs. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 3641-3648.	3.3	33
9	Single Landmark Distance-Based Navigation. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 2021-2028.	3.2	29
10	An Integrated Localization-Navigation Scheme for Distance-Based Docking of UAVs. , 2018, , .		16
11	Relative Docking and Formation Control via Range and Odometry Measurements. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 912-922.	2.4	14
12	Necessary and sufficient conditions for distributed constrained optimal consensus under bounded input. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 2619-2635.	2.1	12
13	Distributed optimal consensus of multiple double integrators under bounded velocity and acceleration. <i>Control Theory and Technology</i> , 2019, 17, 85-98.	1.0	11
14	Consensus-Based Parallel Extreme Learning Machine for Indoor Localization. , 2016, , .		10
15	Optimal Consensus of Euler-Lagrangian Systems with Kinematic Constraints. <i>IFAC-PapersOnLine</i> , 2016, 49, 327-332.	0.5	10
16	Data Rate for Distributed Consensus of Multiagent Systems With High-Order Oscillator Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 6065-6072.	3.6	10
17	Data rate for quantized consensus of high-order multi-agent systems with poles on the unit circle. , 2014, , .		3
18	Distributed Constrained Consensus with Distance-dependent Measurement Noises. <i>IFAC-PapersOnLine</i> , 2016, 49, 234-239.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Constrained consensus with multiplicative noises. , 2016, , .		2
20	Distributed constrained optimal consensus under fixed time delays. , 2016, , .		1
21	Relative Docking via Range-only Measurements. , 2019, , .		1
22	Quantized leaderless and leader-following consensus of high-order multi-agent systems with limited data rate. , 2013, , .		0
23	Corrected Gradient Methods for Distributed optimization. , 2019, , .		0