

# Zhirong Qiu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

487  
citations

10  
h-index

22  
g-index

23  
ext. papers

668  
ext. citations

3.4  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
21	Relative Docking and Formation Control via Range and Odometry Measurements. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 912-922	4	4
20	Persistently Excited Adaptive Relative Localization and Time-Varying Formation of Robot Swarms. <i>IEEE Transactions on Robotics</i> , <b>2020</b> , 36, 553-560	6.5	11
19	Single Landmark Distance-Based Navigation. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 2021-2028	4.8	15
18	Distributed optimal consensus of multiple double integrators under bounded velocity and acceleration. <i>Control Theory and Technology</i> , <b>2019</b> , 17, 85-98	1	6
17	Integrated UWB-Vision Approach for Autonomous Docking of UAVs in GPS-denied Environments <b>2019</b> ,		14
16	Distance-Based Cooperative Relative Localization for Leader-Following Control of MAVs. <i>IEEE Robotics and Automation Letters</i> , <b>2019</b> , 4, 3641-3648	4.2	18
15	Relative Docking via Range-only Measurements <b>2019</b> ,		1
14	Necessary and sufficient conditions for distributed constrained optimal consensus under bounded input. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 2619-2635	3.6	9
13	An Integrated Localization-Navigation Scheme for Distance-Based Docking of UAVs <b>2018</b> ,		12
12	. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 6065-6072	5.9	6
11	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> , <b>2017</b> , 9, 169-186	0.8	57
10	Convergence rate analysis of distributed optimization with projected subgradient algorithm. <i>Automatica</i> , <b>2017</b> , 83, 162-169	5.7	40
9	Constrained consensus with multiplicative noises <b>2016</b> ,		1
8	Ultra-Wideband-Based Localization for Quadcopter Navigation. <i>Unmanned Systems</i> , <b>2016</b> , 04, 23-34	3	72
7	Distributed constrained optimal consensus of multi-agent systems. <i>Automatica</i> , <b>2016</b> , 68, 209-215	5.7	135
6	Quantized Leaderless and Leader-Following Consensus of High-Order Multi-Agent Systems With Limited Data Rate. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 2432-2447	5.9	62
5	Consensus-Based Parallel Extreme Learning Machine for Indoor Localization <b>2016</b> ,		9

4	Distributed constrained optimal consensus under fixed time delays <b>2016,</b>		1
3	Distributed Constrained Consensus with Distance-dependent Measurement Noises. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 234-239	0.7	2
2	Optimal Consensus of Euler-Lagrangian Systems with Kinematic Constraints. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 327-332	0.7	9
1	Data rate for quantized consensus of high-order multi-agent systems with poles on the unit circle <b>2014,</b>		3