

# Yao Zou

## List of Publications by Year in descending order

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54  
papers

1,166  
citations

331670

21  
h-index

395702

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g-index

54  
all docs

54  
docs citations

54  
times ranked

840  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Optimization for Second-Order Discrete-Time Multiagent Systems With Set Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5629-5639.	11.3	5
2	Distributed Interval Consensus of Multiagent Systems With a Pulse Width Modulation Protocol. IEEE Transactions on Automatic Control, 2023, 68, 1730-1737.	5.7	4
3	Cooperative guidance law for multiple missiles simultaneous attacks with fixed-time convergence. International Journal of Control, 2023, 96, 2167-2180.	1.9	3
4	Adaptive Coordinated Formation Control of Heterogeneous Vertical Takeoff and Landing UAVs Subject to Parametric Uncertainties. IEEE Transactions on Cybernetics, 2022, 52, 3184-3195.	9.5	26
5	Targeted Bipartite Consensus of Opinion Dynamics in Social Networks With Credibility Intervals. IEEE Transactions on Cybernetics, 2022, 52, 372-383.	9.5	11
6	Coordinate-Free Distributed Localization and Circumnavigation for Nonholonomic Vehicles Without Position Information. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2523-2534.	5.8	5
7	Adaptive Fault-Tolerant Distributed Formation Control of Clustered Vertical Takeoff and Landing UAVs. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1069-1082.	4.7	15
8	Distributed Output-Feedback Formation Tracking Control for Clustered Quadrotors. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1894-1905.	4.7	8
9	A Miniature Video Stabilization System for Flapping-Wing Aerial Vehicles. Research on World Agricultural Economy, 2022, 02, .	1.3	21
10	Three-dimensional adaptive fixed-time cooperative guidance law with impact time and angle constraints. Aerospace Science and Technology, 2022, 123, 107450.	4.8	22
11	Active disturbance rejection controllers optimized via adaptive granularity learning distributed pigeon-inspired optimization for autonomous aerial refueling hose-drogue system. Aerospace Science and Technology, 2022, 124, 107528.	4.8	4
12	Consensus of cooperative "antagonistic multi-agent networks with asynchronous three-option decision mechanism. Automatica, 2022, 140, 110258.	5.0	2
13	Distributed Time-Varying Economic Dispatch via a Prediction-Correction Method. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 4215-4224.	5.4	4
14	Distributed-Observer-Based Nash Equilibrium Seeking Algorithm for Quadratic Games With Nonlinear Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7260-7268.	9.3	24
15	Stationary target localization and circumnavigation by a non-holonomic differentially driven mobile robot: Algorithms and experiments. International Journal of Robust and Nonlinear Control, 2021, 31, 2061-2081.	3.7	9
16	Distributed Control Algorithm for Leader-Follower Formation Tracking of Multiple Quadrotors: Theory and Experiment. IEEE/ASME Transactions on Mechatronics, 2021, 26, 1095-1105.	5.8	27
17	Adaptive Saturated Fault-Tolerant Control for Spacecraft Rendezvous With Redundancy Thrusters. IEEE Transactions on Control Systems Technology, 2021, 29, 502-513.	5.2	23
18	Visual Object Tracking and Servoing Control of a Nano-Scale Quadrotor: System, Algorithms, and Experiments. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 344-360.	13.1	20

#	ARTICLE	IF	CITATIONS
19	Neuroadaptive saturated control for relative motion based noncooperative spacecraft proximity with prescribed performance. <i>Acta Astronautica</i> , 2021, 180, 361-369.	3.2	13
20	Tracking Control of Vertical Tail Damaged Aircraft with dissimilar Actuator Configuration. , 2021, , .		0
21	Continuous-time distributed Nash equilibrium seeking algorithms for non-cooperative constrained games. <i>Automatica</i> , 2021, 127, 109535.	5.0	17
22	Distributed Continuous-Time Algorithm for Constrained Optimization of Networked Eulerâ€“Lagrange Systems. <i>IEEE Transactions on Control of Network Systems</i> , 2021, 8, 1034-1042.	3.7	19
23	Bipartite Consensus of Opinion Dynamics Through Delivering Credible Information. <i>IEEE Transactions on Control of Network Systems</i> , 2021, 8, 781-790.	3.7	5
24	Distributed Localization and Circumnavigation Algorithms for a Multiagent System With Persistent and Intermittent Bearing Measurements. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 2092-2101.	5.2	20
25	Distributed cooperative guidance law for multiple missiles with input delay and topology switching. <i>Journal of the Franklin Institute</i> , 2021, 358, 9061-9085.	3.4	18
26	An integral sliding mode fault tolerant control for a class of nonâ€“linear Lipschitz systems. <i>IET Control Theory and Applications</i> , 2021, 15, 390-403.	2.1	6
27	Sampled-data distributed protocol for coordinated aggregation of multi-agent systems subject to communication delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2021, 43, 101108.	3.5	4
28	Distributed continuousâ€“time constrained convex optimization with general timeâ€“varying cost functions. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 2222-2236.	3.7	9
29	Design of a Bird-inspired Flapping Wing Robot Based on Spatial Four-bar Mechanism. , 2021, , .		0
30	Distributed Time-Varying Convex Optimization for a Class of Nonlinear Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 801-808.	5.7	52
31	Adaptive fixed-time fault-tolerant control for noncooperative spacecraft proximity using relative motion information. <i>Nonlinear Dynamics</i> , 2020, 100, 2521-2535.	5.2	23
32	Adaptive distributed optimization algorithms for Eulerâ€“Lagrange systems. <i>Automatica</i> , 2020, 119, 109060.	5.0	37
33	Robust Fault-Tolerant Control for Underactuated Takeoff and Landing UAVs. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020, 56, 3545-3555.	4.7	26
34	Velocityâ€“free coordinated attitude synchronisation and tracking control of multiple spacecraft. <i>IET Control Theory and Applications</i> , 2020, 14, 461-469.	2.1	5
35	Distributed Consensus of Second-Order Multi- Vehicle Systems with Heterogeneous and Unavailable Inertia Matrices. , 2020, , .		1
36	Finite-Time Distributed Set-Point Attitude Tracking Control of Multi-Spacecraft Using Relative Measurements. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
37	Distributed hierarchical control for multiple vertical takeoff and landing UAVs with a distance-based network topology. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 2573-2588.	3.7	12
38	On exponential stability of switched homogeneous positive systems of degree one. <i>Automatica</i> , 2019, 103, 302-309.	5.0	26
39	Velocity-Free Leader-Follower Cooperative Attitude Tracking of Multiple Rigid Bodies on $SO(3)$ . <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 4078-4089.	9.5	41
40	Coordinated trajectory tracking of multiple vertical take-off and landing UAVs. <i>Automatica</i> , 2019, 99, 33-40.	5.0	59
41	Immersion and Invariance-Based Adaptive Controller for Quadrotor Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 2288-2297.	9.3	51
42	Distributed Formation Control for Multiple Vertical Takeoff and Landing UAVs With Switching Topologies. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 1750-1761.	5.8	84
43	Nonlinear hierarchical control for quad-rotors with rotation matrix. <i>International Journal of Control</i> , 2017, 90, 1308-1318.	1.9	18
44	Nonlinear Robust Controller for Miniature Helicopters Without Singularity. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017, 53, 1402-1411.	4.7	19
45	Singularity-free adaptive fault-tolerant trajectory tracking controller for VTOL UAVs. <i>International Journal of Systems Science</i> , 2017, 48, 2223-2234.	5.5	8
46	Adaptive trajectory tracking controller for quadrotor systems subject to parametric uncertainties. <i>Journal of the Franklin Institute</i> , 2017, 354, 6724-6746.	3.4	35
47	Adaptive backstepping trajectory tracking controller for a miniature helicopter. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017, 31, 710-725.	4.1	4
48	Trajectory tracking controller for quadrotors without velocity and angular velocity measurements. <i>IET Control Theory and Applications</i> , 2017, 11, 101-109.	2.1	27
49	Nonlinear robust adaptive hierarchical sliding mode control approach for quadrotors. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 925-941.	3.7	73
50	Attitude tracking control for spacecraft with robust adaptive RBFNN augmenting sliding mode control. <i>Aerospace Science and Technology</i> , 2016, 56, 197-204.	4.8	30
51	Adaptive integral LOS path following for an unmanned airship with uncertainties based on robust RBFNN backstepping. <i>ISA Transactions</i> , 2016, 65, 210-219.	5.7	69
52	Singularity-free backstepping controller for model helicopters. <i>ISA Transactions</i> , 2016, 65, 133-142.	5.7	14
53	Singularity-free nonlinear controller for a model-scaled autonomous helicopter. <i>IET Control Theory and Applications</i> , 2016, 10, 210-219.	2.1	15
54	A Robust Adaptive RBFNN Augmenting Backstepping Control Approach for a Model-Scaled Helicopter. <i>IEEE Transactions on Control Systems Technology</i> , 2015, 23, 2344-2352.	5.2	90