

Yao Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3649888/publications.pdf>

Version: 2024-02-01

73
papers

1,759
citations

279798

23
h-index

289244

40
g-index

73
all docs

73
docs citations

73
times ranked

1215
citing authors

#	ARTICLE	IF	CITATIONS
1	An image-based decoupling controller of quadrotor for moving target tracking. <i>Journal of Control and Decision</i> , 2023, 10, 326-337.	1.6	0
2	Adaptive Event-Triggered Finite-Time Dissipative Filtering for Interval Type-2 Fuzzy Markov Jump Systems With Asynchronous Modes. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9709-9721.	9.5	44
3	A Zero-Free Self-Triggered Approach to Practical Fixed-Time Consensus Tracking With Input Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 3126-3136.	9.3	44
4	Fixed-Time Average Consensus of Nonlinear Delayed MASs Under Switching Topologies: An Event-Based Triggering Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 2721-2733.	9.3	24
5	Jamming attack against remote state estimation over multiple wireless channels: A reinforcement learning based game theoretical approach. <i>ISA Transactions</i> , 2022, 130, 1-9.	5.7	3
6	Sampled-data-based dynamic event-triggered formation control for nonlinear multi-agent systems. <i>Transactions of the Institute of Measurement and Control</i> , 2022, 44, 2719-2728.	1.7	5
7	Team-Triggered Practical Fixed-Time Consensus of Double-Integrator Agents With Uncertain Disturbance. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 3263-3272.	9.5	83
8	Practical Fixed-Time Event-Triggered Time-Varying Formation Tracking Control for Disturbed Multi-Agent Systems with Continuous Communication Free. <i>Unmanned Systems</i> , 2021, 09, 23-34.	3.6	20
9	Observer-based self-triggered control for time-varying formation of multi-agent systems. <i>Science China Information Sciences</i> , 2021, 64, 1.	4.3	13
10	Gastric polyp detection in gastroscopic images using deep neural network. <i>PLoS ONE</i> , 2021, 16, e0250632.	2.5	23
11	Mobile robot navigation method based on improved Q-learning algorithm. , 2021, , .		0
12	Robust controller design for uncertain delayed systems and its applications to hypersonic vehicles. <i>Asian Journal of Control</i> , 2020, 22, 1579-1588.	3.0	8
13	Robust Output Feedback Consensus of High-order Multi-agent Systems with Nonlinear Uncertainties. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 282-292.	2.7	10
14	Robust distributed consensus tracking control for high-order uncertain nonlinear MASs with directed topologies. <i>Asian Journal of Control</i> , 2020, 22, 2558-2568.	3.0	6
15	Fixed-time event-triggered synchronization of a multilayer Kuramoto-oscillator network. <i>Neurocomputing</i> , 2020, 379, 214-226.	5.9	31
16	Fixed-Time Leader-Follower Consensus of Networked Nonlinear Systems via Event/Self-Triggered Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 5029-5037.	11.3	159
17	Event-triggered reinforcement learning control for the quadrotor UAV with actuator saturation. <i>Neurocomputing</i> , 2020, 415, 135-145.	5.9	32
18	Robust Time-Varying Output Formation Control for Swarm Systems with Nonlinear Uncertainties. <i>Complexity</i> , 2020, 2020, 1-13.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Actuator Fault Tolerant Control based on Neuroadaptive SMC for Quadrotor UAVs. , 2020, , .		3
20	Event-triggered Fixed-time Phase Agreement of Kuramoto-oscillators with Switching Topologies. , 2020, , .		2
21	Sampled-data-based Event-triggered Practical Formation Tracking Control of Multi-agent Systems. , 2020, , .		1
22	A UAV Dynamic Path Planning Algorithm. , 2020, , .		11
23	GPS/INS Integrated Navigation for Quadrotor UAV Considering Lever Arm. , 2020, , .		4
24	Robust H_∞ compensator with constraints for attitude manoeuvres of a quadrotor subject to unknown stochastic input delays. Journal of Control and Decision, 2019, 6, 252-278.	1.6	3
25	A Shared Model Based Dense Real-Time Semantic SLAM Method Towards Repetitive Scene. , 2019, , .		0
26	An Abstractive Summarizer Based on Improved Pointer-Generator Network. , 2019, , .		0
27	Robust event-triggered control of second-order disturbed leader-follower MASs: A nonsingular finite-time consensus approach. International Journal of Robust and Nonlinear Control, 2019, 29, 4298-4314.	3.7	39
28	A decoupling control for quadrotor UAV using dynamic surface control and sliding mode disturbance observer. Nonlinear Dynamics, 2019, 97, 781-795.	5.2	40
29	Nonlinear Robust Compensation Method for Trajectory Tracking Control of Quadrotors. IEEE Access, 2019, 7, 26766-26776.	4.2	15
30	Supplementary Reinforcement Learning Controller Designed for Quadrotor UAVs. IEEE Access, 2019, 7, 26422-26431.	4.2	25
31	Robust backstepping-based trajectory tracking control for quadrotors with time delays. IET Control Theory and Applications, 2019, 13, 1945-1954.	2.1	30
32	Fixed-Time Event-Triggered Average Consensus of Nonlinear MASs With External Disturbances and Switching Topologies. , 2019, , .		2
33	Fixed-time consensus of multi-agent systems with input delay and uncertain disturbances via event-triggered control. Information Sciences, 2019, 480, 261-272.	6.9	122
34	Fixed-Time Event-Triggered Consensus for Nonlinear Multiagent Systems Without Continuous Communications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2221-2229.	9.3	204
35	Fuzzy Tracking Control for a Class of Uncertain MIMO Nonlinear Systems With State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 543-554.	9.3	57
36	Distributed event-triggered fixed-time consensus for leader-follower multiagent systems with nonlinear dynamics and uncertain disturbances. International Journal of Robust and Nonlinear Control, 2018, 28, 3543-3559.	3.7	93

#	ARTICLE	IF	CITATIONS
37	Robust control for hypersonic vehicles with parametric and unstructured uncertainties. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 2369-2380.	2.1	4
38	Distributed event-based consensus control of multi-agent system with matching nonlinear uncertainties. Neurocomputing, 2018, 272, 694-702.	5.9	25
39	Adaptive Neural Network Control of a Quadrotor with Input Delay. , 2018, , .		1
40	Disturbance observer-based sliding mode control for multi-agent systems with mismatched uncertainties. Assembly Automation, 2018, 38, 606-614.	1.7	10
41	A Human-Tracking Robot Using Ultra Wideband Technology. IEEE Access, 2018, 6, 42541-42550.	4.2	28
42	Robust output formation control for swarm systems with nonlinear uncertainties in directed networks. , 2018, , .		0
43	Fixed-time event-triggered consensus control for multi-agent systems with nonlinear uncertainties. Neurocomputing, 2017, 260, 497-504.	5.9	103
44	A fast image retrieval method with convolutional neural networks. , 2017, , .		0
45	An EKF SLAM algorithm for mobile robot with sensor bias estimation. , 2017, , .		8
46	Backstepping control for quadrotor with BP neural network based thrust model. , 2017, , .		6
47	Robust output containment control of multi-agent systems with unknown heterogeneous nonlinear uncertainties in directed networks. International Journal of Systems Science, 2017, 48, 1173-1181.	5.5	16
48	An attention based image to latex markup decoder. , 2017, , .		3
49	Observer-based containment for a class of nonlinear multi-agent systems with time-delayed protocols. , 2016, , .		1
50	Position estimation and control for quadrotor using optical flow and GPS sensors. , 2016, , .		5
51	A LQR controller for a quadrotor: Design and experiment. , 2016, , .		6
52	Sentiment prediction in scene images via convolutional neural networks. , 2016, , .		3
53	Fixed-time consensus algorithm for second-order multi-agent systems with bounded disturbances. , 2016, , .		11
54	Trajectory tracking control of a quadrotor UAV under external disturbances based on linear ADRC. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
55	Active noise control using STF for time-vary delay estimation in secondary path based on DFxLMS. , 2016, , .		0
56	Real-time attitude and gyro-bias estimation for small UAVs using low-cost sensors. , 2016, , .		4
57	Robust trajectory tracking control for quadrotors with uncertainties and delays. , 2016, , .		2
58	A PDE-based approach to formation control design for a large vehicular platoon. , 2015, , .		1
59	Robust backstepping tracking control of uncertain MIMO nonlinear systems with application to quadrotor UAVs. , 2015, , .		9
60	Robust trajectory tracking control of uncertain quadrotors without linear velocity measurements. IET Control Theory and Applications, 2015, 9, 1746-1754.	2.1	11
61	Semiglobal robust decentralized tracking control for a class of uncertain MIMO nonlinear systems. , 2015, , .		2
62	Robust backstepping decentralized tracking control for a 3-DOF helicopter. Nonlinear Dynamics, 2015, 82, 947-960.	5.2	40
63	Attitude control of a quadrotor unmanned aerial vehicle based on linear extended state observer. , 2015, , .		3
64	Adaptive neural control for consensus of multiple UAVs with heterogeneous matching uncertainties under a directed graph. , 2015, , .		2
65	Distributed fuzzy proportional-spatial integral control design for a class of nonlinear distributed parameter systems. , 2014, , .		2
66	Robust tracking control for the hypersonic flight vehicle via backstepping method. , 2014, , .		1
67	Robust attitude control of an indoor micro quadrotor with input delay. , 2014, , .		10
68	Robust decentralized tracking control for a class of uncertain MIMO nonlinear systems with time-varying delays. International Journal of Robust and Nonlinear Control, 2014, 24, 3474-3490.	3.7	23
69	Robust trajectory tracking control for a laboratory helicopter. Nonlinear Dynamics, 2014, 77, 621-634.	5.2	22
70	Guaranteed-Cost Consensus for Singular Multi-Agent Systems With Switching Topologies. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 1531-1542.	5.4	109
71	Sufficient and Necessary Condition of Admissibility for Fractional-order Singular System. Zidonghua Xuebao/Acta Automatica Sinica, 2013, 39, 2160-2164.	1.5	48
72	Robust backstepping output tracking control for SISO uncertain nonlinear systems with unknown virtual control coefficients. International Journal of Control, 2010, 83, 1182-1192.	1.9	50

#	ARTICLE	IF	CITATIONS
73	Robust attitude control of a 3DOF helicopter with multi-operation points. Journal of Systems Science and Complexity, 2009, 22, 207-219.	2.8	23