

Zhou Gu

List of Publications by Year in Descending Order

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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.

77
papers

1,335
citations

20
h-index

33
g-index

88
ext. papers

1,848
ext. citations

4.3
avg, IF

5.46
L-index

#	Paper	IF	Citations
77	Lyapunov-function-based event-triggered control of nonlinear discrete-time cyber-physical systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	1
76	Relaxed Resilient Fuzzy Stabilization of Discrete-Time Takagi-Sugeno Systems Via A Higher Order Time-Variant Balanced Matrix Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	21
75	Memory-Event-Triggered Fault Detection of Networked IT2 T-S Fuzzy Systems.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	4
74	Further Studies on State Estimation of Discrete-Time Nonlinear Circuits Based on A Switching-type Multi-Instant Fuzzy Observer. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	2
73	Event-triggered Filter Design Based on Average Measurement Output for Networked Unmanned Surface Vehicles. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	1
72	Probability-density-dependent load frequency control of power systems with random delays and cyber-attacks via circuital implementation. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	4
71	Observer-Based Multi-Instant Fuzzy State Estimation of Discrete-Time Nonlinear Circuits via A New Slack Variables Technique. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
70	Memory-based event-triggered leader-following consensus for T-S fuzzy multi-agent systems subject to deception attacks. <i>Journal of the Franklin Institute</i> , 2021 , 359, 599-599	4	3
69	Event-Triggered Formation Tracking Control for Unmanned Aerial Vehicles Subjected to Deception Attacks. <i>Electronics (Switzerland)</i> , 2021 , 10, 2736	2.6	0
68	Adaptive Memory-Event-Triggered Static Output Control of T-S Fuzzy Wind Turbine Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	7
67	Switched event-based control for nonlinear cyber-physical systems under deception attacks. <i>Nonlinear Dynamics</i> , 2021 , 106, 2245	5	2
66	Memory-Event-Triggered \mathcal{H}_{∞} Load Frequency Control of Multi-Area Power Systems With Cyber-Attacks and Communication Delays. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1571-1583	4.9	11
65	\mathcal{H}_{∞} Weighted Integral Event-Triggered Synchronization of Neural Networks With Mixed Delays. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2365-2375	11.9	9
64	Memory-event-trigger-based secure control of cloud-aided active suspension systems against deception attacks. <i>Information Sciences</i> , 2021 , 543, 1-17	7.7	10
63	Observer-based adaptive fixed-time formation control for multi-agent systems with unknown uncertainties. <i>Neurocomputing</i> , 2021 , 423, 506-517	5.4	15
62	Security Control for Adaptive Event-Triggered Networked Control Systems Under Deception Attacks. <i>IEEE Access</i> , 2021 , 9, 10789-10796	3.5	2
61	Path Tracking Control of Autonomous Vehicles Subject to Deception Attacks via a Learning-Based Event-Triggered Mechanism. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5644-5653	10.2	12

60	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	10
59	Event-Triggered Synchronization of Chaotic Lur \bar{e} Systems via Memory-based Triggering Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
58	Fault estimation and fault-tolerant control for networked systems based on an adaptive memory-based event-triggered mechanism. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	7
57	Memory-event-triggered H ∞ filtering of unmanned surface vehicles with communication delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	8
56	Memory-Event-Triggered H ∞ Output Control of Neural Networks With Mixed Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	6
55	Fixed-time adaptive observer-based time-varying formation control for multi-agent systems with directed topologies. <i>Neurocomputing</i> , 2021 , 463, 483-494	5.4	3
54	Event-Triggered Dissipative Tracking Control of Networked Control Systems With Distributed Communication Delay. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	8
53	Derivative-based event-triggered control for networked systems with quantization. <i>Applied Mathematics and Computation</i> , 2020 , 383, 125359	2.7	6
52	Co-Design of Event-Triggered Scheme and H ∞ Output Control for Markov Jump Systems Against Deception Attacks. <i>IEEE Access</i> , 2020 , 8, 106554-106563	3.5	4
51	Event-Triggered H ∞ Filtering for T-S Fuzzy-Model-Based Nonlinear Networked Systems With Multisensors Against DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	30
50	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	24
49	Event-based switching control for networked switched systems under nonperiodic DoS jamming attacks. <i>IET Control Theory and Applications</i> , 2020 , 14, 3097-3106	2.5	4
48	Event-Triggered Security Output Feedback Control for Networked Interconnected Systems Subject to Cyber-Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	35
47	Event-Triggered H ∞ Filter Design of T-S Fuzzy Systems Subject to Hybrid Attacks and Sensor Saturation. <i>IEEE Access</i> , 2020 , 8, 126530-126539	3.5	8
46	Observer-Based Fixed-Time Consensus Control for Nonlinear Multi-Agent Systems Subjected to Measurement Noises. <i>IEEE Access</i> , 2020 , 8, 174191-174199	3.5	0
45	Event-triggered filter design for nonlinear cyber-physical systems subject to deception attacks. <i>ISA Transactions</i> , 2020 , 104, 130-137	5.5	30
44	Event-driven finite-time control for continuous-time networked switched systems under cyber attacks. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11690-11709	4	14
43	Resilient Event-Triggered Output Feedback Control for Load Frequency Control Systems Subject to Cyber Attacks. <i>IEEE Access</i> , 2019 , 7, 58951-58958	3.5	18

42	A novel event-triggered mechanism for networked cascade control system with stochastic nonlinearities and actuator failures. <i>Journal of the Franklin Institute</i> , 2019 , 356, 1955-1974	4	31
41	Decentralized Adaptive Event-Triggered H_∞ Filtering for a Class of Networked Nonlinear Interconnected Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1570-1579	10.2	98
40	Decentralized event-triggered H_∞ control for neural networks subject to cyber-attacks. <i>Information Sciences</i> , 2018 , 457-458, 141-155	7.7	62
39	On designing of an adaptive event-triggered communication scheme for nonlinear networked interconnected control systems. <i>Information Sciences</i> , 2018 , 422, 257-270	7.7	74
38	Event-triggered dynamic output feedback control for networked control systems with probabilistic nonlinearities. <i>Information Sciences</i> , 2018 , 457-458, 99-112	7.7	31
37	An adaptive event-triggering scheme for networked interconnected control system with stochastic uncertainty. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 236-251	3.6	54
36	Adaptive event-triggered control of a class of nonlinear networked systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3854-3871	4	64
35	H_∞ Tracking control of nonlinear networked systems with a novel adaptive event-triggered communication scheme. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3540-3553	4	38
34	Event-triggered reliable H_∞ filter design for networked systems with multiple sensor distortions: A probabilistic partition approach. <i>ISA Transactions</i> , 2017 , 66, 2-9	5.5	18
33	Observer-based adaptive fault-tolerant control of a class of nonlinear systems with actuator failures 2016 ,		1
32	Reliable control for nonlinear systems with stochastic actuators fault and random delays through a T-S fuzzy model approach. <i>Acta Mathematicae Applicatae Sinica</i> , 2016 , 32, 395-406	0.3	2
31	Early smoke detection of forest fire video using CS Adaboost algorithm. <i>Optik</i> , 2015 , 126, 2121-2124	2.5	15
30	Finite-time H_∞ filtering of Markov jump systems with incomplete transition probabilities: a probability approach. <i>IET Signal Processing</i> , 2015 , 9, 572-578	1.7	7
29	Co-design of event generator and filtering for a class of TB fuzzy systems with stochastic sensor faults. <i>Fuzzy Sets and Systems</i> , 2015 , 273, 124-140	3.7	47
28	State estimation for Markovian jumping genetic regulatory networks with random delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 2479-2492	3.7	17
27	H_∞ filtering for discrete-time systems subject to stochastic missing measurements: a decomposition approach. <i>International Journal of Systems Science</i> , 2014 , 45, 1356-1363	2.3	2
26	Output Feedback Reliable H_∞ Control for Networked Control System. <i>Communications in Computer and Information Science</i> , 2014 , 459-467	0.3	2
25	New mixed-delay-dependent robust stability conditions for uncertain linear neutral systems. <i>IET Control Theory and Applications</i> , 2014 , 8, 606-613	2.5	23

24	Robust Control of Automotive Active Seat-Suspension System Subject to Actuator Saturation. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2014 , 136,	1.6	21
23	Fault tolerant control for systems with interval time-varying delay and actuator saturation. <i>Journal of the Franklin Institute</i> , 2013 , 350, 231-243	4	15
22	Network-based precise tracking control of systems subject to stochastic failure and non-zero input. <i>IET Control Theory and Applications</i> , 2013 , 7, 1370-1376	2.5	7
21	Reliable H _∞ filter design for sampled-data systems with consideration of probabilistic sensor signal distortion. <i>IET Signal Processing</i> , 2013 , 7, 420-426	1.7	10
20	A new approach to H _∞ filtering for linear time-delay systems. <i>Journal of the Franklin Institute</i> , 2012 , 349, 184-200	4	7
19	Reliable control for interval time-varying delay systems subjected to actuator saturation and stochastic failure. <i>Optimal Control Applications and Methods</i> , 2012 , 33, 739-750	1.7	15
18	Fault tolerant control for discrete networked control systems with random faults. <i>International Journal of Control, Automation and Systems</i> , 2012 , 10, 444-448	2.9	5
17	Comments on Decentralized Stabilization of Interconnected Systems With Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 809-810	5.9	1
16	Fault-distribution-dependent reliable fuzzy control for T-S fuzzy systems with interval time-varying delay 2012 , 35, 633-640		5
15	New results on H _∞ filter design for nonlinear systems with time-delay through a T-S fuzzy model approach. <i>International Journal of Systems Science</i> , 2012 , 43, 426-442	2.3	20
14	. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 553-561	8.3	84
13	Delay-Dependent H _∞ Filtering for Markovian Jump Time-Delay Systems: A Piecewise Analysis Method. <i>Circuits, Systems, and Signal Processing</i> , 2011 , 30, 1253-1273	2.2	13
12	Fault-distribution-dependent reliable control for time-varying delay system. <i>Journal of Control Theory and Applications</i> , 2011 , 9, 589-593		2
11	Stochastic faulty actuator-based reliable control for a class of interval time-varying delay systems with Markovian jumping parameters. <i>Optimal Control Applications and Methods</i> , 2011 , 32, 313-327	1.7	7
10	Fault-Distribution Dependent Reliable Control for T-S Fuzzy Time-Delayed Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2011 , 133,	1.6	4
9	Robust H _∞ Control for linear systems with delay in state or input 2010 ,		1
8	H _∞ Filtering for time-delay systems with Markovian jumping parameters: Delay partitioning approach 2010 , 33, 357-365		7
7	Observer-based fault detection for networked control systems with network Quality of Services. <i>Applied Mathematical Modelling</i> , 2010 , 34, 1653-1661	4.5	32

6	Robust control for nonlinear systems over network: A piecewise analysis method. <i>Fuzzy Sets and Systems</i> , 2010 , 161, 2731-2745	3-7	49
5	Synchronization stability of complex dynamical networks with probabilistic time-varying delays 2009 ,		2
4	A delay distribution based stability analysis and synthesis approach for networked control systems. <i>Journal of the Franklin Institute</i> , 2009 , 346, 349-365	4	81
3	Sampling period scheduling of networked control systems with multiple-control loops. <i>Mathematics and Computers in Simulation</i> , 2009 , 79, 1502-1511	3-3	19
2	A Novel Memetic Algorithm for Global Optimization Based on PSO and SFLA 2007 , 127-136		11
1	A novel fuzzy entropy image segmentation approach based on grey relational analysis 2007 ,		4