

Zhou Gu

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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	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
76	. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 553-561	8.3	84
75	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
74	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
73	Adaptive event-triggered control of a class of nonlinear networked systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3854-3871	4	64
72	Decentralized event-triggered H _∞ control for neural networks subject to cyber-attacks. <i>Information Sciences</i> , 2018 , 457-458, 141-155	7.7	62
71	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
70	Robust control for nonlinear systems over network: A piecewise analysis method. <i>Fuzzy Sets and Systems</i> , 2010 , 161, 2731-2745	3.7	49
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	Event-triggered filter design for nonlinear cyber-physical systems subject to deception attacks. <i>ISA Transactions</i> , 2020 , 104, 130-137	5.5	30
61	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	24

60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	Early smoke detection of forest fire video using CS Adaboost algorithm. <i>Optik</i> , 2015 , 126, 2121-2124	2.5	15
51	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
50	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
49	Observer-based adaptive fixed-time formation control for multi-agent systems with unknown uncertainties. <i>Neurocomputing</i> , 2021 , 423, 506-517	5.4	15
48	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
47	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
46	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	10.3	12
45	A Novel Memetic Algorithm for Global Optimization Based on PSO and SFLA 2007 , 127-136		11
44	Memory-Event-Triggered 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
43	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

42	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
41	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	10
40	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
39	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
38	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
37	Event-Triggered Dissipative Tracking Control of Networked Control Systems With Distributed Communication Delay. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	8
36	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
35	A new approach to H_{∞} filtering for linear time-delay systems. <i>Journal of the Franklin Institute</i> , 2012 , 349, 184-200	4	7
34	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
33	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
32	H_{∞} Filtering for time-delay systems with Markovian jumping parameters: Delay partitioning approach 2010 , 33, 357-365		7
31	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
30	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
29	Derivative-based event-triggered control for networked systems with quantization. <i>Applied Mathematics and Computation</i> , 2020 , 383, 125359	2.7	6
28	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
27	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
26	Fault-distribution-dependent reliable fuzzy control for T-S fuzzy systems with interval time-varying delay 2012 , 35, 633-640		5
25	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

24	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
23	A novel fuzzy entropy image segmentation approach based on grey relational analysis 2007 ,		4
22	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
21	Memory-Event-Triggered Fault Detection of Networked IT2 T-S Fuzzy Systems.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	4
20	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
19	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
18	Event-Triggered Synchronization of Chaotic Lur \bar{B} Systems via Memory-based Triggering Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
17	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
16	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
15	Output Feedback Reliable H ∞ Control for Networked Control System. <i>Communications in Computer and Information Science</i> , 2014 , 459-467	0.3	2
14	Fault-distribution-dependent reliable control for time-varying delay system. <i>Journal of Control Theory and Applications</i> , 2011 , 9, 589-593		2
13	Synchronization stability of complex dynamical networks with probabilistic time-varying delays 2009 ,		2
12	Switched event-based control for nonlinear cyber-physical systems under deception attacks. <i>Nonlinear Dynamics</i> , 2021 , 106, 2245	5	2
11	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
10	Security Control for Adaptive Event-Triggered Networked Control Systems Under Deception Attacks. <i>IEEE Access</i> , 2021 , 9, 10789-10796	3.5	2
9	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
8	Observer-based adaptive fault-tolerant control of a class of nonlinear systems with actuator failures 2016 ,		1
7	Robust H ∞ Control for linear systems with delay in state or input 2010 ,		1

6	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
5	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
4	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
3	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
2	Event-Triggered Formation Tracking Control for Unmanned Aerial Vehicles Subjected to Deception Attacks. <i>Electronics (Switzerland)</i> , 2021 , 10, 2736	2.6	0
1	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