

Shaoxin Sun

List of Publications by Year in descending order

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papers

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759055

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times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-Tolerant Control for Stochastic Switched IT2 Fuzzy Uncertain Time-Delayed Nonlinear Systems. IEEE Transactions on Cybernetics, 2022, 52, 1335-1346.	6.2	107
2	Leader-follower consensus control for linear multi-agent systems by fully distributed edge-event-triggered adaptive strategies. Information Sciences, 2021, 555, 314-338.	4.0	63
3	Dynamic output feedback-based fault-tolerant control design for T-S fuzzy systems with model uncertainties. ISA Transactions, 2018, 81, 32-45.	3.1	42
4	Event-Triggered Adaptive Tracking Control for Random Systems With Coexisting Parametric Uncertainties and Severe Nonlinearities. IEEE Transactions on Automatic Control, 2022, 67, 2011-2018.	3.6	42
5	Adaptive Fuzzy Control for Nonstrict-Feedback Systems Under Asymmetric Time-Varying Full State Constraints Without Feasibility Condition. IEEE Transactions on Fuzzy Systems, 2021, 29, 976-985.	6.5	35
6	A Dynamic Proportional-Integral Observer-Based Nonlinear Fault-Tolerant Controller Design for Nonlinear System With Partially Unknown Dynamic. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5092-5104.	5.9	35
7	A Novel Approach to Observer-Based Fault Estimation and Fault-Tolerant Controller Design for T-S Fuzzy Systems With Multiple Time Delays. IEEE Transactions on Fuzzy Systems, 2020, 28, 1679-1693.	6.5	32
8	Delay-Dependent H_∞ Guaranteed Cost Control for Uncertain Switched T-S Fuzzy Systems With Multiple Interval Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2021, 29, 1065-1080.	6.5	28
9	Fault Estimation and Tolerant Control for Discrete-Time Multiple Delayed Fuzzy Stochastic Systems With Intermittent Sensor and Actuator Faults. IEEE Transactions on Cybernetics, 2021, 51, 6213-6225.	6.2	25
10	Dissipativity-Based Intermittent Fault Detection and Tolerant Control for Multiple Delayed Uncertain Switched Fuzzy Stochastic Systems With Unmeasurable Premise Variables. IEEE Transactions on Cybernetics, 2022, 52, 8766-8780.	6.2	23
11	Multiple Delay-Dependent Robust H_∞ Finite-Time Filtering for Uncertain It \tilde{A} Stochastic Takagi-Sugeno Fuzzy Semi-Markovian Jump Systems With State Constraints. IEEE Transactions on Fuzzy Systems, 2022, 30, 321-331.	6.5	21
12	Dissipativity analysis on switched uncertain nonlinear T-S fuzzy Systems with stochastic perturbation and time delay. Journal of the Franklin Institute, 2020, 357, 13410-13429.	1.9	12
13	Cooperative Bipartite Containment Control for Heterogeneous Networks With Structurally Balanced Graph. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2885-2889.	2.2	12
14	Eventself-triggered leader-following consensus of multi-agent systems with general dynamics. IET Control Theory and Applications, 2020, 14, 1209-1219.	1.2	12
15	Reduced-Order High-Gain Observer (ROHGO)-Based Neural Tracking Control for Random Nonlinear Systems With Output Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7507-7515.	5.9	12
16	Semi-global leader-following output consensus for heterogeneous fractional-order multi-agent systems with input saturation via observer-based protocol. Neurocomputing, 2020, 402, 298-306.	3.5	11
17	A new method of fault estimation and tolerant control for fuzzy systems against time-varying delay. Nonlinear Analysis: Hybrid Systems, 2020, 38, 100942.	2.1	10
18	Dissipativity-Based Finite-Time Filtering for Uncertain Semi-Markovian Jump Random Systems With Multiple Time Delays and State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2995-3009.	7.2	10

#	ARTICLE	IF	CITATIONS
19	Event-triggered control for a class of nonlinear random systems involving time-varying delay and exogenous disturbances. <i>Asian Journal of Control</i> , 2022, 24, 973-984.	1.9	10
20	Dissipativity-Based Intermittent Fault Detection and Fault-Tolerant Control for Uncertain Switched Random Nonlinear Systems With Multiple Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 7457-7468.	5.9	8
21	A novel double-level observer-based fault estimation for Takagi-Sugeno fuzzy systems with unknown nonlinear dynamics. <i>Transactions of the Institute of Measurement and Control</i> , 2019, 41, 3372-3384.	1.1	7
22	Cooperative output regulation of heterogeneous linear multi-agent systems with edge-event triggered adaptive control under time-varying topologies. <i>Neural Computing and Applications</i> , 2020, 32, 15573-15584.	3.2	7
23	Distributed fault-tolerant output regulation for heterogeneous linear multi-agent systems under actuator faults. <i>Journal of the Franklin Institute</i> , 2021, 358, 3303-3331.	1.9	7
24	Finite-time fault detection for multiple delayed semi-Markovian jump random systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 9562-9587.	2.1	7
25	Reduced-order intermediate variable observer based fault estimation and fault-tolerant control for fuzzy stochastic systems with exogenous disturbance. <i>Information Sciences</i> , 2022, 608, 202-221.	4.0	6
26	Fault estimation and tolerant control for discrete-time nonlinear stochastic multiple delayed systems with intermittent sensor and actuator faults. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 6761-6781.	2.1	5
27	Reliable \mathcal{H}_∞ guaranteed cost control for uncertain switched fuzzy stochastic systems with multiple time-varying delays and intermittent actuator and sensor faults. <i>Neural Computing and Applications</i> , 2021, 33, 1343-1365.	3.2	5
28	Observer and fault-tolerant controller design for discrete-time multiple state-delayed T-S fuzzy systems. <i>IET Control Theory and Applications</i> , 2020, 14, 1411-1423.	1.2	5
29	Adaptive Fault Estimation and Fault-Tolerant Control for Nonlinear System With Unknown Nonlinear Dynamic. <i>IEEE Access</i> , 2019, 7, 136720-136728.	2.6	4
30	Axiomatic fuzzy set theory-based fuzzy oblique decision tree with dynamic mining fuzzy rules. <i>Neural Computing and Applications</i> , 2020, 32, 11621-11636.	3.2	4
31	Multiple delay-dependent noise-to-state stability for a class of uncertain switched random nonlinear systems with intermittent sensor and actuator faults. <i>Applied Intelligence</i> , 2021, 51, 265-282.	3.3	4
32	Time-varying formation control with general linear multi-agent systems by distributed event-triggered mechanisms under fixed and switching topologies. <i>Neural Computing and Applications</i> , 2022, 34, 4277-4294.	3.2	4
33	Overview of the recent research progress for stability and control on random nonlinear systems. <i>Annual Reviews in Control</i> , 2022, 53, 70-82.	4.4	4
34	Robust finite-time H_∞ control for Itô stochastic semi-Markovian jump systems with delays. <i>Applied Mathematics and Computation</i> , 2022, 430, 127181.	1.4	4
35	Robust Finite-Time H_∞ Filtering for Uncertain Switched Systems With State Constraints and Multiple Time Delays. <i>IEEE Access</i> , 2020, 8, 145457-145468.	2.6	3
36	Multiple delay-dependent finite-time boundedness and input-output finite-time mean square stabilization of uncertain semi-Markovian jump systems with input constraint. <i>Neural Computing and Applications</i> , 2021, 33, 6611-6626.	3.2	3

#	ARTICLE	IF	CITATIONS
37	Robust reliable H_∞ optimization control for uncertain discrete-time Takagi-Sugeno fuzzy systems with time-varying delay. Optimal Control Applications and Methods, 2021, 42, 848-876.	1.3	3
38	New classification technique: fuzzy oblique decision tree. Transactions of the Institute of Measurement and Control, 2019, 41, 2185-2195.	1.1	2
39	Multiple delay-dependent H_∞ guaranteed cost control for uncertain semi-Markovian jump random nonlinear systems with intermittent actuator and sensor faults and input constraint. International Journal of Systems Science, 2021, 52, 57-85.	3.7	2
40	Fault estimation based on Kalman filtering for Takagi-Sugeno fuzzy systems. , 2017, , .		1
41	Fault-tolerant control for uncertain switched random systems with multiple interval time-varying delays and intermittent faults. Neural Computing and Applications, 2021, 33, 17471-17487.	3.2	1
42	Fault Estimation for Discrete-Time T-S Fuzzy Systems With Unmeasurable Premise Variables Based on Fuzzy Lyapunov Functions. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1297-1301.	2.2	1
43	Multiple delay-dependent finite-time fault-tolerant control for switched fuzzy systems. Journal of the Franklin Institute, 2022, , .	1.9	1
44	Online adaptive controller design of partially unknown nonlinear systems with state time-delay via actor-critic architecture. , 2017, , .		0
45	Static Output Feedback Control of Discrete-time T-S Fuzzy Systems with Immeasurable Premise Variables. , 2019, , .		0