

Linlin Hou

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,633
citations

361296

20
h-index

289141

40
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61
all docs

61
docs citations

61
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized Dynamic Event-Triggered Output Feedback Adaptive Fixed-Time Funnel Control for Interconnection Nonlinear systems. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1364-1378.	7.2	3
2	Adaptive Fuzzy PI Output Feedback Control for a Class of Switched Nonlinear Systems with Unmodeled Dynamics and Dead-Zone Output. International Journal of Fuzzy Systems, 2022, 24, 728-751.	2.3	4
3	Adaptive tracking control of switched cyber-physical systems with cyberattacks. Applied Mathematics and Computation, 2022, 415, 126721.	1.4	7
4	Adaptive attitude control for spacecraft systems with sensor and actuator attacks. International Journal of Adaptive Control and Signal Processing, 2022, 36, 448-468.	2.3	4
5	Adaptive finite-time control for cyber-physical systems with injection and deception attacks. Applied Mathematics and Computation, 2022, 430, 127316.	1.4	4
6	Continuous fixed-time sliding mode output feedback control for hypersonic vehicles. , 2022, , .		0
7	Dynamic Event-Triggered Antidisturbance Control for Flexible Spacecraft Systems. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 5766-5783.	2.6	3
8	Neural network-based decentralized adaptive event-triggered control for nonlinear interconnected systems under intermittent DoS and injection attacks. International Journal of Adaptive Control and Signal Processing, 2022, 36, 2249-2268.	2.3	3
9	Analysis on Distributed Output Regulator of Discrete Multi-agent System Combined with Fuzzy Identification Method. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2159021.	0.7	2
10	Electrical Design and Application of Smart Home System Based on Distributed Control. , 2021, , .		0
11	Adaptive decentralized finite-time tracking control for uncertain interconnected nonlinear systems with input quantization. International Journal of Robust and Nonlinear Control, 2021, 31, 4491-4510.	2.1	11
12	Robust Exponential Fault Tolerant Control for Sampled-Data Control Systems With Actuator Failure: A Switched System Method. IEEE Access, 2021, 9, 135473-135484.	2.6	0
13	Adaptive Decentralized Neural Network Tracking Control for Uncertain Interconnected Nonlinear Systems With Input Quantization and Time Delay. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1401-1409.	7.2	63
14	Adaptive Fuzzy PI Prescribed Performance Tracking Control for Switched Nonlinear Systems With Dead-Zone Input and External Disturbances. IEEE Access, 2020, 8, 143938-143949.	2.6	7
15	Adaptive fuzzy PI output feedback bounded control for a class of switched nonlinear systems with input constraint. International Journal of Systems Science, 2020, 51, 3503-3522.	3.7	2
16	Adaptive fuzzy PI tracking control for a class of switched nonlinear systems. , 2020, , .		0
17	Sliding mode output feedback control for disturbed systems via asynchronous event-triggered mechanisms. , 2020, , .		0
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#	ARTICLE	IF	CITATIONS
19	Quasi-time-Dependent L_2 - L_∞ Filtering of Discrete-Time Switched Systems with Admissible Edge-Dependent Average Dwell Time. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 4320-4338.	1.2	7
20	Anti-disturbance attitude control of flexible spacecraft with quantized states. <i>Aerospace Science and Technology</i> , 2020, 99, 105760.	2.5	23
21	H_2 Control for Sampled-data Systems with Packet Dropout: Switched System Method. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 2746-2753.	1.6	3
22	Adaptive finite-time attitude control for spacecraft with input quantization and measurement uncertainties. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401985310.	0.8	3
23	Stability and stabilization of continuous-time switched systems: A multiple discontinuous convex Lyapunov function approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 1499-1514.	2.1	75
24	Stability of Switched Time-Delay Systems via Mode-Dependent Average Dwell Time Switching. <i>IEEE Access</i> , 2019, 7, 1174-1181.	2.6	12
25	Synchronization of single-degree-of-freedom oscillators via neural network based on fixed-time terminal sliding mode control scheme. <i>Neural Computing and Applications</i> , 2019, 31, 6365-6372.	3.2	6
26	Fixed-Time Attitude Tracking Control for Spacecraft With Input Quantization. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 124-134.	2.6	115
27	Stability of discrete-time switched systems with admissible edge-dependent switching signals. <i>International Journal of Systems Science</i> , 2018, 49, 974-983.	3.7	16
28	L_2 - L_∞ filtering of discrete-time switched systems via admissible edge-dependent switching signals. <i>Systems and Control Letters</i> , 2018, 113, 17-26.	1.3	10
29	Disturbance-observer-based H_2 - H_∞ control for discrete-time Markovian jump system. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 2807-2812.	1.1	1
30	Disturbance attenuation and rejection for stochastic Markovian jump system with partially known transition probabilities. <i>Automatica</i> , 2018, 89, 349-357.	3.0	150
31	Stabilization of sampled-data control system via mode-dependent average dwell time. , 2018, , .		0
32	Adaptive neural network asymptotical tracking control for an uncertain nonlinear system with input quantisation. <i>International Journal of Systems Science</i> , 2018, 49, 1974-1984.	3.7	8
33	Adaptive finite-time control for non-linear delay systems via non-fragile state feedback. <i>Transactions of the Institute of Measurement and Control</i> , 2017, 39, 635-641.	1.1	1
34	Finite-time resilient decentralized control for interconnected impulsive switched systems with neutral delay. <i>ISA Transactions</i> , 2017, 67, 19-29.	3.1	42
35	Composite adaptive anti-disturbance control for MIMO nonlinearly parameterized systems with mismatched general periodic disturbances. <i>International Journal of Computer Mathematics</i> , 2017, 94, 2089-2105.	1.0	3
36	Adaptive anti-disturbance tracking control for nonlinear system with unknown control coefficient. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401769071.	0.8	2

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37	Asymptotic attenuation and rejection for a class of cascade systems with general periodic disturbances. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401769229.	0.8	0
38	Composite adaptive anti-disturbance resilient control for Markovian jump systems with partly known transition rate and multiple disturbances. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017, 31, 1077-1097.	2.3	16
39	Composite anti-disturbance attitude and vibration control for flexible spacecraft. <i>IET Control Theory and Applications</i> , 2017, 11, 2383-2390.	1.2	31
40	Anti-disturbance control for time-varying delay Markovian jump nonlinear systems with multiple disturbances. <i>International Journal of Systems Science</i> , 2017, 48, 3186-3200.	3.7	18
41	Composite anti-disturbance resilient control for Markovian jump nonlinear systems with partly unknown transition probabilities and multiple disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 2323-2337.	2.1	63
42	Finite-time stability of switched linear systems. , 2017, , .		0
43	Disturbance-observer-based- L_2 - L_∞ -control for Markovian jump nonlinear systems with general uncertain transition rate. , 2016, , .		0
44	Continuous finite time control for static var compensator with mismatched disturbances. <i>Nonlinear Dynamics</i> , 2016, 85, 2159-2169.	2.7	31
45	Finite-time stability of interconnected impulsive switched systems. <i>IET Control Theory and Applications</i> , 2016, 10, 648-654.	1.2	150
46	Non-fragile decentralized control for discrete-time switched interconnected time-delay systems. , 2016, , .		0
47	Disturbance observer based dynamic surface tracking control for a class of uncertain nonlinear systems with mismatched disturbances. , 2016, , .		0
48	Disturbance-observer-based control and L_2 - L_∞ resilient control for Markovian jump nonlinear systems with multiple disturbances and its application to single robot arm system. <i>IET Control Theory and Applications</i> , 2016, 10, 226-233.	1.2	55
49	Finite-time stability of interconnected impulsive switched systems. , 2015, , .		0
50	Finite-time H_∞ control for discrete-time switched nonlinear systems with time delay. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 914-936.	2.1	228
51	Disturbance observer based on L_2 - L_∞ decentralized control for interconnected systems with multiple disturbances. , 2014, , .		0
52	Composite anti-disturbance control for a discrete-time time-varying delay system with actuator failures based on a switching method and a disturbance observer. <i>Nonlinear Analysis: Hybrid Systems</i> , 2014, 14, 126-138.	2.1	20
53	Finite-time stabilization for a class of switched time-delay systems under asynchronous switching. <i>Applied Mathematics and Computation</i> , 2013, 219, 5757-5771.	1.4	103
54	Robust finite-time H_∞ control for Markovian jump systems with partially known transition probabilities. <i>Journal of the Franklin Institute</i> , 2013, 350, 1562-1578.	1.9	103

#	ARTICLE	IF	CITATIONS
55	Exponential H_2 Control for Discrete-Time Switching Markov Jump Linear Systems. Circuits, Systems, and Signal Processing, 2013, 32, 2745-2759.	1.2	30
56	Composite Disturbance Observer-Based Control and Tracking Control for Discrete-Time Switched Systems with Time-Varying Delay. Mathematical Problems in Engineering, 2013, 2013, 1-12.	0.6	3
57	Exponential H_2 output tracking control for discrete-time switched system with time-varying delay. International Journal of Robust and Nonlinear Control, 2012, 22, 1175-1194.	2.1	58
58	Robust H_2 Guaranteed Cost Filtering for Uncertain Discrete-Time Switched System with Mode-Dependent Time-Varying Delays. Circuits, Systems, and Signal Processing, 2011, 30, 17-33.	1.2	30
59	Robust exponential stability analysis of discrete-time switched Hopfield neural networks with time delay. Nonlinear Analysis: Hybrid Systems, 2011, 5, 525-534.	2.1	41
60	Delay-range-dependent exponential stability criteria and decay estimation for switched Hopfield neural networks of neutral type. Nonlinear Analysis: Hybrid Systems, 2010, 4, 583-592.	2.1	19
61	Further Results Concerning Delay-Dependent Control for Uncertain Discrete-Time Systems with Time-Varying Delay. Mathematical Problems in Engineering, 2009, 2009, 1-24.	0.6	14