Jinliang Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/233784/publications.pdf

Version: 2024-02-01

107	3,755	101543	133252
papers	citations	36 h-index	59 g-index

107	107	107	1639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Event-Triggered H_infty Load Frequency Control for Multiarea Power Systems Under Hybrid Cyber Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1665-1678.	9.3	286
2	Quantized Stabilization for Tâ€“S Fuzzy Systems With Hybrid-Triggered Mechanism and Stochastic Cyber-Attacks. IEEE Transactions on Fuzzy Systems, 2018, 26, 3820-3834.	9.8	173
3	Resilient control of networked control systems under deception attacks: A memoryâ€eventâ€triggered communication scheme. International Journal of Robust and Nonlinear Control, 2020, 30, 1534-1548.	3.7	151
4	Event-Based Secure Leader-Following Consensus Control for Multiagent Systems With Multiple Cyber Attacks. IEEE Transactions on Cybernetics, 2021, 51, 162-173.	9.5	122
5	Event-triggering in networked systems with probabilistic sensor and actuator faults. Information Sciences, 2013, 240, 145-160.	6.9	106
6	Event-based fault detection for networked systems with communication delay and nonlinear perturbation. Journal of the Franklin Institute, 2013, 350, 2791-2807.	3.4	104
7	Adaptive event-triggered control of a class of nonlinear networked systems. Journal of the Franklin Institute, 2017, 354, 3854-3871.	3.4	103
8	Hybrid-Driven-Based ${mathcal{H}}_infty$ Control for Networked Cascade Control Systems With Actuator Saturations and Stochastic Cyber Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2452-2463.	9.3	103
9	Stabilization of Networked Control Systems With Hybrid-Driven Mechanism and Probabilistic Cyber Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 943-953.	9.3	100
10	Secure Adaptive-Event-Triggered Filter Design With Input Constraint and Hybrid Cyber Attack. IEEE Transactions on Cybernetics, 2021, 51, 4000-4010.	9.5	90
11	Security Control for Tâ€“S Fuzzy Systems With Adaptive Event-Triggered Mechanism and Multiple Cyber-Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6544-6554.	9.3	89
12	Hybrid-triggered-based security controller design for networked control system under multiple cyber attacks. Information Sciences, 2021, 548, 69-84.	6.9	88
13	Distributed event-triggered control for networked control systems with stochastic cyber-attacks. Journal of the Franklin Institute, 2019, 356, 10260-10276.	3.4	87
14	Adaptive event-triggered Hâˆž filtering for T-S fuzzy system with time delay. Neurocomputing, 2016, 189, 86-94.	5.9	84
15	Hybrid-driven-based H âˆž filter design for neural networks subject to deception attacks. Applied Mathematics and Computation, 2018, 320, 158-174.	2.2	84
16	Event-Based Security Control for State-Dependent Uncertain Systems Under Hybrid-Attacks and Its Application to Electronic Circuits. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4817-4828.	5.4	81
17	Finite-Time H_{infty} Filtering for State-Dependent Uncertain Systems With Event-Triggered Mechanism and Multiple Attacks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1021-1034.	5.4	74
18	Security distributed state estimation for nonlinear networked systems against DoS attacks. International Journal of Robust and Nonlinear Control, 2020, 30, 1156-1180.	3.7	69

#	Article	IF	Citations
19	Research on the model of rough set over dual-universes. Knowledge-Based Systems, 2010, 23, 817-822.	7.1	67
20	State estimation for cyberâ€“physical systems with limited communication resources, sensor saturation and denial-of-service attacks. ISA Transactions, 2020, 104, 101-114.	5.7	67
21	Hâˆž filtering for networked systems with partly known distribution transmission delays. Information Sciences, 2012, 194, 270-282.	6.9	65
22	Event-triggered output feedback<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></m for networked Markovian jump systems with quantizations. Nonlinear Analysis: Hybrid Systems, 2017, 24, 146-158.	3.5	64
23	Resilient event-triggered consensus control for nonlinear muti-agent systems with DoS attacks. Journal of the Franklin Institute, 2019, 356, 7071-7090.	3.4	63
24	Co-design of event generator and filtering for a class of Tâ€“S fuzzy systems with stochastic sensor faults. Fuzzy Sets and Systems, 2015, 273, 124-140.	2.7	60
25	Hybridâ€driven‐based stabilisation for networked control systems. IET Control Theory and Applications, 2016, 10, 2279-2285.	2.1	60
26	H âˆž tracking control of nonlinear networked systems with a novel adaptive event-triggered communication scheme. Journal of the Franklin Institute, 2017, 354, 3540-3553.	3.4	60
27	Distributed event-triggered H filtering over sensor networks with sensor saturations and cyber-attacks. ISA Transactions, 2018, 81, 63-75.	5.7	58
28	Dynamic Event-Triggered Output Feedback Control for Networked Systems Subject to Multiple Cyber Attacks. IEEE Transactions on Cybernetics, 2022, 52, 13800-13808.	9.5	56
29	Distributed eventâ€triggered state estimators design for sensor networked systems with deception attacks. IET Control Theory and Applications, 2019, 13, 2783-2791.	2.1	55
30	Resilient observer-based control for networked nonlinear Tâ€“S fuzzy systems with hybrid-triggered scheme. Nonlinear Dynamics, 2018, 91, 2049-2061.	5.2	53
31	An improved memory-event-triggered control for networked control systems. Journal of the Franklin Institute, 2019, 356, 7210-7223.	3.4	50
32	An adaptive torusâ€eventâ€based controller design for networked Tâ€S fuzzy systems under deception attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 3425-3441.	3.7	47
33	Hybrid-driven<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e263" altimg="si69.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow><m design for Tâ€“S fuzzy systems with quantization. Nonlinear Analysis: Hybrid Systems, 2019, 31, 135-152.	3.5	46
34	Hâˆž filtering for networked systems with hybrid-triggered communication mechanism and stochastic cyber attacks. Journal of the Franklin Institute, 2017, 354, 8490-8512.	3.4	44
35	Event-triggered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow><m filter design for delayed neural network with quantization. Neural Networks, 2016, 82, 39-48.	5.9	41
36	Event-driven finite-time control for continuous-time networked switched systems under cyber attacks. Journal of the Franklin Institute, 2020, 357, 11690-11709.	3.4	41

#	Article	IF	Citations
37	Asynchronous adaptive event-triggered tracking control for multi-agent systems with stochastic actuator faults. Applied Mathematics and Computation, 2019, 355, 482-496.	2.2	35
38	Double stochastic resonance induced by varying potential-well depth and width. Journal of the Franklin Institute, 2021, 358, 2194-2211.	3.4	35
39	An eventâ€triggered approach to security control for networked systems using hybrid attack model. International Journal of Robust and Nonlinear Control, 2021, 31, 5796-5812.	3.7	34
40	Quantized control for a class of neural networks with adaptive eventâ€triggered scheme and complex cyberâ€attacks. International Journal of Robust and Nonlinear Control, 2021, 31, 4705-4728.	3.7	33
41	Asymptotic and robust stability of Tâ€S fuzzy genetic regulatory networks with timeâ€varying delays. International Journal of Robust and Nonlinear Control, 2012, 22, 827-840.	3.7	32
42	Reliable control for hybrid-driven Tâ€“S fuzzy systems with actuator faults and probabilistic nonlinear perturbations. Journal of the Franklin Institute, 2017, 354, 3267-3288.	3.4	32
43	Event-triggered non-fragile state estimation for delayed neural networks with randomly occurring sensor nonlinearity. Neurocomputing, 2018, 273, 1-8.	5.9	32
44	Observer-Based Security Control for Interconnected Semi-Markovian Jump Systems With Unknown Transition Probabilities. IEEE Transactions on Cybernetics, 2022, 52, 9013-9025.	9.5	29
45	Decentralized eventâ€triggered synchronization control for complex networks with nonperiodic DoS attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 1633-1653.	3.7	28
46	Quantized state estimation for neural networks with cyber attacks and hybrid triggered communication scheme. Neurocomputing, 2018, 291, 35-49.	5.9	27
47	Two channel event-triggering communication schemes for networked control systems. Neurocomputing, 2016, 197, 45-52.	5.9	25
48	Distributed hybrid-triggered Hâˆž filter design for sensor networked systems with output saturations. Neurocomputing, 2018, 315, 261-271.	5.9	25
49	Event-based control for networked T-S fuzzy cascade control systems with quantization and cyber attacks. Journal of the Franklin Institute, 2019, 356, 9451-9473.	3.4	25
50	New results onH_{âˆž}filter design for nonlinear systems with time-delay through a T-S fuzzy model approach. International Journal of Systems Science, 2012, 43, 426-442.	5.5	24
51	Mittag-Leffler stability analysis of fractional discrete-time neural networks via fixed point technique. Nonlinear Analysis: Modelling and Control, 2019, 24, .	1.6	23
52	State estimation for Markovian jumping genetic regulatory networks with random delays. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 2479-2492.	3.3	22
53	State estimation for complex systems with randomly occurring nonlinearities and randomly missing measurements. International Journal of Systems Science, 2014, 45, 1364-1374.	5.5	22
54	Event-based finite-time state estimation for Markovian jump systems with quantizations and randomly occurring nonlinear perturbations. ISA Transactions, 2017, 66, 77-85.	5.7	22

#	Article	IF	Citations
55	Event-Triggered State Estimation for Tâ€“S Fuzzy Neural Networks with Stochastic Cyber-Attacks. International Journal of Fuzzy Systems, 2019, 21, 532-544.	4.0	22
56	Fault tolerant control for systems with interval time-varying delay and actuator saturation. Journal of the Franklin Institute, 2013, 350, 231-243.	3.4	19
57	Enhanced Stabilization of Discrete-Time Takagiâ€“Sugeno Fuzzy Systems Based on a Comprehensive Real-Time Scheduling Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 881-892.	9.3	18
58	Delay-Dependent H âˆž Filtering for Markovian Jump Time-Delay Systems: AÂPiecewise Analysis Method. Circuits, Systems, and Signal Processing, 2011, 30, 1253-1273.	2.0	14
59	Security control for T-S fuzzy systems with multi-sensor saturations and distributed event-triggered mechanism. Journal of the Franklin Institute, 2020, 357, 2851-2867.	3.4	14
60	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:msub><mml:mi>H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math> filter design for discrete-time networked systems with adaptive event-triggered mechanism and hybrid cyber attacks. Journal of the Franklin Institute, 2021, 358, 9325-9345.	3.4	13
61	H<inf>∞</inf> filtering for Markovian jump systems with time-varying delays. , 2010, , .		12
62	Multi-sensors-based security control for T-S fuzzy systems over resource-constrained networks. Journal of the Franklin Institute, 2020, 357, 4286-4315.	3.4	12
63	Reliable H _{âˆž} filter design for sampledâ€data systems with consideration of probabilistic sensor signal distortion. IET Signal Processing, 2013, 7, 420-426.	1.5	11
64	Co-design of event generator and state estimator for complex network systems with quantization. Journal of the Franklin Institute, 2016, 353, 4565-4582.	3.4	10
65	A Middle-Level Learning Feature Interaction Method with Deep Learning for Multi-Feature Music Genre Classification. Electronics (Switzerland), 2021, 10, 2206.	3.1	9
66	H8Filtering for timeâ€delay systems with Markovian jumping parameters: Delay partitioning approach. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2010, 33, 357-365.	1.1	8
67	A new approach to Hâˆž filtering for linear time-delay systems. Journal of the Franklin Institute, 2012, 349, 184-200.	3.4	7
68	Networkâ€based precise tracking control of systems subject to stochastic failure and nonâ€zero input. IET Control Theory and Applications, 2013, 7, 1370-1376.	2.1	7
69	Fault detection filter design for networked systems with cyber attacks. Applied Mathematics and Computation, 2022, 412, 126593.	2.2	7
70	Finiteâ€time adaptive eventâ€triggered asynchronous state estimation for Markov jump systems with cyberâ€attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 583-599.	3.7	7
71	Fault-Distribution Dependent Reliable Control for T-S Fuzzy Time-Delayed Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, .	1.6	6
72	Probabilistic-constrained tracking control for stochastic time-varying systems under deception attacks: A Round-Robin protocol. Journal of the Franklin Institute, 2021, 358, 9135-9157.	3.4	6

#	Article	IF	Citations
73	Dynamic event-triggered security control of cyber-physical systems against missing measurements and cyber-attacks. Neurocomputing, 2022, 500, 405-412.	5.9	6
74	Stabilization of discrete-time networked control systems with partly known transmission delay: A new augmentation approach. International Journal of Control, Automation and Systems, 2011, 9, 1080-1085.	2.7	5
75	Fault-distribution-dependent reliable fuzzy control for T-S fuzzy systems with interval time-varying delay. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2012, 35, 633-640.	1.1	5
76	Probabilistic-constrained reliable Hâˆž tracking control for a class of stochastic nonlinear systems: An outlier-resistant event-triggered scheme. Journal of the Franklin Institute, 2021, 358, 4741-4760.	3.4	5
77	Game-based incentive mechanism for enabling edge video caching over passive optical networks. Computer Communications, 2021, 175, 91-101.	5.1	5
78	H<inf>∞</inf> filter design for nonlinear systems with time-delay through T-S fuzzy model approach. , 2010, , .		3
79	Event-Triggered Reliable Control in Networked Control Systems with Probabilistic Actuator Faults. Mathematical Problems in Engineering, 2013, 2013, 1-9.	1.1	3
80	State Estimation for Time-Delay Systems with Markov Jump Parameters and Missing Measurements. Abstract and Applied Analysis, 2014, 2014, 1-11.	0.7	3
81	Fault-tolerant control of delta operator switched linear systems with sensor faults based on dynamic output feedback. , 2017, , .		3
82	Adaptive event-triggered controller design for cyber-physical systems with complex cyber-attacks. , 2019, , .		3
83	FGFF Descriptor and Modified Hu Moment-Based Hand Gesture Recognition. Sensors, 2021, 21, 6525.	3.8	3
84	Fault-distribution-dependent reliable control for time-varying delay system. Journal of Control Theory and Applications, 2011, 9, 589-593.	0.8	2
85	Comments on â€œDecentralized Stabilization of Interconnected Systems With Time-Varying Delaysâ€. IEEE Transactions on Automatic Control, 2012, 57, 809-810.	5.7	2
86	Event-Based<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mi>H</mml:mi><mml:mi>â^ž</mml:mi></mml:msub></mml:mrow></mml:math>Filter Design for Sensor Networks with Missing Measurements. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.7	2
87	Approximate solution to optimal linear quadratic Gaussian control over non-acknowledgment networks. Journal of the Franklin Institute, 2020, 357, 2049-2066.	3.4	2
88	The connections of vague set and rough set. Kybernetes, 2012, 41, 1318-1322.	2.2	1
89	Event-based H<inf>∞</inf> filter design for T-S fuzzy systems with randomly occurring sensor saturations. , 2015, , .		1
90	State estimation for complex network systems with quantization and event-triggered communication scheme. , 2016, , .		1

#	Article	IF	Citations
91	Stabilization for networked control systems under stochastic cyber-attacks. , 2017, , .		1
92	Event-Triggered State Estimation for Complex Systems with Randomly Nonlinearities and Time-Varying Delay. Communications in Computer and Information Science, 2014, , 407-418.	0.5	1
93	Adaptive feedback exponentially synchronization of complex delayed dynamical networks with nonlinearly coupled nodes. , 2009, , .		0
94	A class of H<inf>∞</inf> filter design for continue-time systems with time-varying delay. , 2009, , .		0
95	New Results on H∞ Filter Design for Continue-Time Systems with Time-Varying Delay. , 2010, , .		0
96	Stabilization of discrete-time T-S fuzzy systems with random input delay: A new modeling method. , 2010, , .		0
97	A class of H<inf>∞</inf> filter design for continue-time systems with time-varying delay. , 2010, , .		0
98	Delay-distribution-dependent robust H<inf>∞</inf> control for T-S fuzzy systems with time-varying delay. , 2010, , .		0
99	Network-BasedHâˆžFilter Design for Linear System with Random Delays. Mathematical Problems in Engineering, 2013, 2013, 1-9.	1.1	0
100	Transportaton and eect on economic growth based on optmal control theory. , 2014, , .		0
101	H<inf>∞</inf> filtering for event-based T-S fuzzy systems with stochastic sensor faults. , 2015, , .		0
102	H<inf>â^ž</inf> filter design for a class of T-S fuzzy systems with quantization and event-triggered communication scheme. , 2016, , .		0
103	Finite-time stabilization for networked control systems with hybrid triggered scheme and denial-of-service attacks. , 2019, , .		0
104	Non-fragile H_{â^ž} state estimation for event-triggered nonlinear networked systems subject to deception attacks. , 2021, , .		0
105	Adaptive event-triggered state estimation for T-S fuzzy systems with stochastic cyber-attacks. , 2021, , .		0
106	Security Filter Design for T-S Fuzzy System with Adaptive Event-Triggered Mechanism and Multiple Attacks. , 2021, , .		0
107	Music Genre Classification Using A One-way Audio-visual Feature Interaction Method. , 2021, , .		0