Jinliang Liu

List of Publications by Year in Descending Order

87	2,249	28	44
papers	citations	h-index	g-index
107	2,969	4	6.07
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
87	Finite-time adaptive event-triggered asynchronous state estimation for Markov jump systems with cyber-attacks. *International Journal of Robust and Nonlinear Control*, **2022**, 32, 583	3.6	0
86	Fault detection filter design for networked systems with cyber attacks. *Applied Mathematics and Computation*, **2022**, 412, 126593	2.7	1
85	An adaptive torus-event-based controller design for networked T-S fuzzy systems under deception attacks. *International Journal of Robust and Nonlinear Control*, **2022**, 32, 3425-3441	3.6	8
84	Dynamic Event-Triggered Output Feedback Control for Networked Systems Subject to Multiple Cyber Attacks. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	6
83	FGFF Descriptor and Modified Hu Moment-Based Hand Gesture Recognition. *Sensors*, **2021**, 21,	3.8	1
82	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	4	0
81	Secure Adaptive-Event-Triggered Filter Design With Input Constraint and Hybrid Cyber Attack. *IEEE Transactions on Cybernetics*, **2021**, 51, 4000-4010	10.2	28
80	Quantized control for a class of neural networks with adaptive event-triggered scheme and complex cyber-attacks. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 4705-4728	3.6	11
79	An event-triggered approach to security control for networked systems using hybrid attack model. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 5796-5812	3.6	9
78	Probabilistic-constrained reliable H∞tracking control for a class of stochastic nonlinear systems: An outlier-resistant event-triggered scheme. *Journal of the Franklin Institute*, **2021**, 358, 4741-4760	4	1
77	Event-Based Secure Leader-Following Consensus Control for Multiagent Systems With Multiple Cyber Attacks. *IEEE Transactions on Cybernetics*, **2021**, 51, 162-173	10.2	58
76	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	7.3	54
75	Hybrid-triggered-based security controller design for networked control system under multiple cyber attacks. *Information Sciences*, **2021**, 548, 69-84	7.7	27
74	Observer-Based Security Control for Interconnected Semi-Markovian Jump Systems With Unknown Transition Probabilities. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	12
73	Double stochastic resonance induced by varying potential-well depth and width. *Journal of the Franklin Institute*, **2021**, 358, 2194-2211	4	17
72	Game-based incentive mechanism for enabling edge video caching over passive optical networks. *Computer Communications*, **2021**, 175, 91-101	5.1	1
71	H∞Filter design for discrete-time networked systems with adaptive event-triggered mechanism and hybrid cyber attacks. *Journal of the Franklin Institute*, **2021**, 358, 9325-9325	4	1

70	A Middle-Level Learning Feature Interaction Method with Deep Learning for Multi-Feature Music Genre Classification. *Electronics (Switzerland)*, **2021**, 10, 2206	2.6	2
69	Multi-sensors-based security control for T-S fuzzy systems over resource-constrained networks. *Journal of the Franklin Institute*, **2020**, 357, 4286-4315	4	9
68	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	4	8
67	Security Control for TS Fuzzy Systems With Adaptive Event-Triggered Mechanism and Multiple Cyber-Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-11	7.3	33
66	Approximate solution to optimal linear quadratic Gaussian control over non-acknowledgment networks. *Journal of the Franklin Institute*, **2020**, 357, 2049-2066	4	
65	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	3.9	45
64	Security distributed state estimation for nonlinear networked systems against DoS attacks. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 1156-1180	3.6	40
63	Resilient control of networked control systems under deception attacks: A memory-event-triggered communication scheme. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 1534-1548	3.6	76
62	Enhanced Stabilization of Discrete-Time Takagi-Sugeno Fuzzy Systems Based on a Comprehensive Real-Time Scheduling Model. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	8
61	State estimation for cyber-physical systems with limited communication resources, sensor saturation and denial-of-service attacks. *ISA Transactions*, **2020**, 104, 101-114	5.5	41
60	Event-driven finite-time control for continuous-time networked switched systems under cyber attacks. *Journal of the Franklin Institute*, **2020**, 357, 11690-11709	4	14
59	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	3.9	56
58	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	4	14
57	Resilient event-triggered consensus control for nonlinear muti-agent systems with DoS attacks. *Journal of the Franklin Institute*, **2019**, 356, 7071-7090	4	35
56	Asynchronous adaptive event-triggered tracking control for multi-agent systems with stochastic actuator faults. *Applied Mathematics and Computation*, **2019**, 355, 482-496	2.7	25
55	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	7.3	162
54	An improved memory-event-triggered control for networked control systems. *Journal of the Franklin Institute*, **2019**, 356, 7210-7223	4	26
53	Mittag-Leffler stability analysis of fractional discrete-time neural networks via fixed point technique. *Nonlinear Analysis: Modelling and Control*, **2019**, 24,	1.3	15

52	Hybrid-driven H_∞ filter design for TS fuzzy systems with quantization. *Nonlinear Analysis: Hybrid Systems*, **2019**, 31, 135-152	4.5	37
51	Distributed event-triggered state estimators design for sensor networked systems with deception attacks. *IET Control Theory and Applications*, **2019**, 13, 2783-2791	2.5	44
50	Event-Triggered State Estimation for TS Fuzzy Neural Networks with Stochastic Cyber-Attacks. *International Journal of Fuzzy Systems*, **2019**, 21, 532-544	3.6	8
49	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	7.3	64
48	Distributed event-triggered control for networked control systems with stochastic cyber-attacks. *Journal of the Franklin Institute*, **2019**, 356, 10260-10276	4	59
47	Quantized state estimation for neural networks with cyber attacks and hybrid triggered communication scheme. *Neurocomputing*, **2018**, 291, 35-49	5.4	20
46	Resilient observer-based control for networked nonlinear TS fuzzy systems with hybrid-triggered scheme. *Nonlinear Dynamics*, **2018**, 91, 2049-2061	5	48
45	Hybrid-driven-based H filter design for neural networks subject to deception attacks. *Applied Mathematics and Computation*, **2018**, 320, 158-174	2.7	58
44	Event-triggered non-fragile state estimation for delayed neural networks with randomly occurring sensor nonlinearity. *Neurocomputing*, **2018**, 273, 1-8	5.4	20
43	. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 3820-3834	8.3	127
42	Distributed hybrid-triggered H filter design for sensor networked systems with output saturations. *Neurocomputing*, **2018**, 315, 261-271	5.4	20
41	Distributed event-triggered H filtering over sensor networks with sensor saturations and cyber-attacks. *ISA Transactions*, **2018**, 81, 63-75	5.5	33
40	Reliable control for hybrid-driven TS fuzzy systems with actuator faults and probabilistic nonlinear perturbations. *Journal of the Franklin Institute*, **2017**, 354, 3267-3288	4	26
39	Adaptive event-triggered control of a class of nonlinear networked systems. *Journal of the Franklin Institute*, **2017**, 354, 3854-3871	4	64
38	H tracking control of nonlinear networked systems with a novel adaptive event-triggered communication scheme. *Journal of the Franklin Institute*, **2017**, 354, 3540-3553	4	38
37	Event-triggered output feedback H control for networked Markovian jump systems with quantizations. *Nonlinear Analysis: Hybrid Systems*, **2017**, 24, 146-158	4.5	46
36	H filtering for networked systems with hybrid-triggered communication mechanism and stochastic cyber attacks. *Journal of the Franklin Institute*, **2017**, 354, 8490-8512	4	28
35	Fault-tolerant control of delta operator switched linear systems with sensor faults based on dynamic output feedback **2017**,		2

34	Event-based finite-time state estimation for Markovian jump systems with quantizations and randomly occurring nonlinear perturbations. *ISA Transactions*, **2017**, 66, 77-85	5.5	16
33	Co-design of event generator and state estimator for complex network systems with quantization. *Journal of the Franklin Institute*, **2016**, 353, 4565-4582	4	10
32	Event-triggered H∞ filter design for delayed neural network with quantization. *Neural Networks*, **2016**, 82, 39-48	9.1	28
31	Two channel event-triggering communication schemes for networked control systems. *Neurocomputing*, **2016**, 197, 45-52	5.4	16
30	Adaptive event-triggered H∞ filtering for T-S fuzzy system with time delay. *Neurocomputing*, **2016**, 189, 86-94	5.4	66
29	Hybrid-driven-based stabilisation for networked control systems. *IET Control Theory and Applications*, **2016**, 10, 2279-2285	2.5	41
28	Event-based H∞ filter design for T-S fuzzy systems with randomly occurring sensor saturations **2015** ,		1
27	Co-design of event generator and filtering for a class of T–S fuzzy systems with stochastic sensor faults. *Fuzzy Sets and Systems*, **2015**, 273, 124-140	3.7	47
26	State estimation for Markovian jumping genetic regulatory networks with random delays. *Communications in Nonlinear Science and Numerical Simulation*, **2014**, 19, 2479-2492	3.7	17
25	State estimation for complex systems with randomly occurring nonlinearities and randomly missing measurements. *International Journal of Systems Science*, **2014**, 45, 1364-1374	2.3	20
24	Event-Based H∞ Filter Design for Sensor Networks with Missing Measurements. *Abstract and Applied Analysis*, **2014**, 2014, 1-9	0.7	2
23	State Estimation for Time-Delay Systems with Markov Jump Parameters and Missing Measurements. *Abstract and Applied Analysis*, **2014**, 2014, 1-11	0.7	2
22	Event-Triggered State Estimation for Complex Systems with Randomly Nonlinearities and Time-Varying Delay. *Communications in Computer and Information Science*, **2014**, 407-418	0.3	1
21	Fault tolerant control for systems with interval time-varying delay and actuator saturation. *Journal of the Franklin Institute*, **2013**, 350, 231-243	4	15
20	Event-based fault detection for networked systems with communication delay and nonlinear perturbation. *Journal of the Franklin Institute*, **2013**, 350, 2791-2807	4	92
19	Event-triggering in networked systems with probabilistic sensor and actuator faults. *Information Sciences*, **2013**, 240, 145-160	7.7	80
18	Event-Triggered Reliable Control in Networked Control Systems with Probabilistic Actuator Faults. *Mathematical Problems in Engineering*, **2013**, 2013, 1-9	1.1	2
17	Network-based precise tracking control of systems subject to stochastic failure and non-zero input. *IET Control Theory and Applications*, **2013**, 7, 1370-1376	2.5	7

16	Reliable H filter design for sampled-data systems with consideration of probabilistic sensor signal distortion. *IET Signal Processing*, **2013**, 7, 420-426	1.7	10
15	Network-Based H Filter Design for Linear System with Random Delays. *Mathematical Problems in Engineering*, **2013**, 2013, 1-9	1.1	
14	H Filtering for networked systems with partly known distribution transmission delays. *Information Sciences*, **2012**, 194, 270-282	7.7	48
13	A new approach to H filtering for linear time-delay systems. *Journal of the Franklin Institute*, **2012**, 349, 184-200	4	7
12	Asymptotic and robust stability of T-S fuzzy genetic regulatory networks with time-varying delays. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 827-840	3.6	22
11	The connections of vague set and rough set. *Kybernetes*, **2012**, 41, 1318-1322	2	1
10	Comments on Decentralized Stabilization of Interconnected Systems With Time-Varying Delays. *IEEE Transactions on Automatic Control*, **2012**, 57, 809-810	5.9	1
9	Fault-distribution-dependent reliable fuzzy control for T-S fuzzy systems with interval time-varying delay **2012**, 35, 633-640		5
8	New results on H filter design for nonlinear systems with time-delay through a T-S fuzzy model approach. *International Journal of Systems Science*, **2012**, 43, 426-442	2.3	20
7	Delay-Dependent H Filtering for Markovian Jump Time-Delay Systems: A Piecewise Analysis Method. *Circuits, Systems, and Signal Processing*, **2011**, 30, 1253-1273	2.2	13
6	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	2.9	5
5	Fault-distribution-dependent reliable control for time-varying delay system. *Journal of Control Theory and Applications*, **2011**, 9, 589-593		2
4	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	4
3	H Filtering for Markovian jump systems with time-varying delays **2010**,		1
2	H 8 Filtering for time-delay systems with Markovian jumping parameters: Delay partitioning approach **2010**, 33, 357-365		7
1	Research on the model of rough set over dual-universes. *Knowledge-Based Systems*, **2010**, 23, 817-822	7.3	52