Fei Hao

List of Publications by Year
in descending order

106 papers	1,754 citations	331259 21 h-index	329751 37 g-index
107 all docs	107 docs citations	107 times ranked	1251 citing authors

#	Article	IF	Citations
1	Prescribed-Time Event-Triggered Bipartite Consensus of Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 2589-2598.	6.2	61
2	Controller synthesis for discrete‐time positive switched T–S fuzzy systems with partially controllable subsystems. Asian Journal of Control, 2022, 24, 1622-1637.	1.9	3
3	Observer-based event-triggered control of linear system with two-time scales. ISA Transactions, 2022, 129, 324-335.	3.1	5
4	Event-triggered dual-mode predictive control for constrained nonlinear systems with continuous/intermittent detection. Nonlinear Analysis: Hybrid Systems, 2022, 44, 101149.	2.1	5
5	Event‐based adaptive sliding mode control for Euler–Lagrange systems with parameter uncertainties and external disturbances. International Journal of Robust and Nonlinear Control, 2022, 32, 5420-5435.	2.1	7
6	Fully distributed observer-based tracking control for Lur'e systems with event-triggered communication. Journal of the Franklin Institute, 2022, 359, 4556-4586.	1.9	0
7	Input-to-state practical stabilisation via periodic event-triggered control without Zeno-like behaviour. International Journal of Control, 2021, 94, 2440-2452.	1.2	5
8	Event‐triggered sliding mode control for time‐delay uncertain systems. Asian Journal of Control, 2021, 23, 1407-1418.	1.9	20
9	Optimal SINR-Based DoS Attack Scheduling for Remote State Estimation via Adaptive Dynamic Programming Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7622-7632.	5.9	17
10	Exponential stability of discrete-time positive switched T-S fuzzy systems with all unstable subsystems. Science China Information Sciences, 2021, 64, 1.	2.7	4
11	Stability of networked control system subject to denial-of-service. Science China Information Sciences, 2021, 64, 1.	2.7	9
12	Observer-based Event-triggered Bipartite Consensus of Linear Multi-agent Systems. International Journal of Control, Automation and Systems, 2021, 19, 1291-1301.	1.6	8
13	Optimal Allocation of False Data Injection Attacks for Networked Control Systems With Two Communication Channels. IEEE Transactions on Control of Network Systems, 2021, 8, 2-14.	2.4	22
14	Distributed Sequential Hypothesis Testing With Byzantine Sensors. IEEE Transactions on Signal Processing, 2021, 69, 3044-3058.	3.2	2
15	Event‐triggered control of singularly perturbed linear system with DoS attacks. IET Control Theory and Applications, 2021, 15, 1028-1041.	1.2	6
16	Switching event‐triggering mechanisms for integral input‐to‐state stable nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 4839-4855.	2.1	4
17	Event-triggered sliding mode control with adaptive neural networks for uncertain nonlinear systems. Neurocomputing, 2021, 436, 184-197.	3.5	27
18	Optimal DoS attack scheduling for multi-sensor remote state estimation over interference channels. Journal of the Franklin Institute, 2021, 358, 5136-5162.	1.9	7

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19	Actuator saturation control of continuous-time positive switched Tâ€"S fuzzy systems. Journal of the Franklin Institute, 2021, 358, 8862-8885.	1.9	5
20	Optimal SINR-based DoS Attacks against Remote State Estimation. , 2021, , .		1
21	Security Analysis of Cyber-Physical System under False Data Injection Attacks. , 2021, , .		0
22	Event-triggered sliding mode control for first-order nonlinear multi-agent system. , 2021, , .		0
23	Stabilization of Linear Systems by a Novel Event-Triggered Control with Time-Varying Threshold. Lecture Notes in Electrical Engineering, 2021, , 621-629.	0.3	0
24	Integral-based Event-triggered Model Predictive Control for Perturbed Nonlinear Systems under Two-channel Transmissions. , 2021, , .		0
25	The existence of Zeno behavior and its application to finite-time event-triggered control. Science China Information Sciences, 2020, 63, 1.	2.7	12
26	Robust regional stabilization for the two-dimensional mixed continuous-discrete-time Roesser models. IMA Journal of Mathematical Control and Information, 2020, 37, 855-876.	1.1	1
27	Event-Triggered Bipartite Consensus for Multiagent Systems: A Zeno-Free Analysis. IEEE Transactions on Automatic Control, 2020, 65, 4866-4873.	3.6	51
28	Eventâ€triggered model predictive control for disturbed linear systems under twoâ€channel transmissions. International Journal of Robust and Nonlinear Control, 2020, 30, 6701-6719.	2.1	20
29	Setâ€point output tracking problem for linear plants via periodic eventâ€triggered control. IET Control Theory and Applications, 2020, 14, 982-990.	1.2	4
30	Output-Based Periodic Event-Triggered Control for Nonlinear Plants: An Approximate-Model Method. IEEE Transactions on Control of Network Systems, 2020, 7, 1342-1354.	2.4	14
31	Model-based dual-stage event-triggered control of linear system with two time scales. International Journal of Systems Science, 2020, 51, 424-439.	3.7	3
32	A novel distributed event-triggered control with time-varying thresholds. Journal of the Franklin Institute, 2020, 357, 4132-4153.	1.9	11
33	Lyapunov-based event-triggered control for nonlinear plants subject to disturbances and transmission delays. Science China Information Sciences, 2020, 63, 1.	2.7	8
34	Event-triggered control for stochastic networked control systems against Denial-of-Service attacks. Information Sciences, 2020, 527, 51-69.	4.0	24
35	Two-channel event-triggered model predictive control for discrete linear systems. , 2020, , .		0
36	Event-triggered stability of singularly perturbed system with time delay. , 2020, , .		1

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37	Event-triggered Bipartite Consensus for Multi-agent Systems with Antagonistic Interactions. International Journal of Control, Automation and Systems, 2019, 17, 2046-2058.	1.6	20
38	Event-triggered stabilization of linear plants subject to periodic Denial-of-Service attacks and disturbances. , 2019, , .		0
39	Controllability limit of edge dynamics in complex networks. Physical Review E, 2019, 100, 022318.	0.8	10
40	Game Theoretical Approach to Sequential Hypothesis Test with Byzantine Sensors. , 2019, , .		5
41	State estimation under stochastic event-triggering conditions with quantized-level energy-harvesting sensors. , 2019, , .		0
42	Exponential Stability for Continue-Time Switched Positive Delay Systems With All Unstable Subsystems. IEEE Access, 2019, 7, 165428-165436.	2.6	6
43	A Uniform Analysis on Input-to-State Stability of Decentralized Event-Triggered Control Systems. IEEE Transactions on Automatic Control, 2019, 64, 3423-3430.	3.6	42
44	On event-triggered control for integral input-to-state stable systems. Systems and Control Letters, 2019, 123, 24-32.	1.3	13
45	Effect of interaction strength on robustness of controlling edge dynamics in complex networks. Physica A: Statistical Mechanics and Its Applications, 2018, 497, 246-257.	1.2	4
46	Finite â€gain problem for networked control systems with delays via eventâ€triggered control. International Journal of Robust and Nonlinear Control, 2018, 28, 1547-1565.	2.1	12
47	Integral-based event-triggered control systems with uniform quantization. , 2018, , .		0
48	Event-triggered control for a class of singularly perturbed system using the averaging method. , 2018, , .		0
49	Target control of edge dynamics in complex networks. Physica A: Statistical Mechanics and Its Applications, 2018, 512, 14-26.	1.2	10
50	Leader-Following Consensus for Linear and Lipschitz Nonlinear Multiagent Systems With Quantized Communication. IEEE Transactions on Cybernetics, 2017, 47, 1970-1982.	6.2	128
51	Model-based event-triggered control for linear plant with threshold variable and model states. International Journal of Robust and Nonlinear Control, 2017, 27, 135-155.	2.1	15
52	Optimizing controllability of edge dynamics in complex networks by perturbing network structure. Physica A: Statistical Mechanics and Its Applications, 2017, 470, 217-227.	1.2	14
53	Controllable subspace of edge dynamics in complex networks. Physica A: Statistical Mechanics and Its Applications, 2017, 481, 209-223.	1.2	8
54	Periodic eventâ€triggered cooperative control of multiple nonâ€holonomic wheeled mobile robots. IET Control Theory and Applications, 2017, 11, 890-899.	1.2	41

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55	Observer‐based disturbance rejection for linear systems by aperiodical sampling control. IET Control Theory and Applications, 2017, 11, 1561-1570.	1.2	7
56	Input-to-state stability of integral-based event-triggered control for linear plants. Automatica, 2017, 85, 248-255.	3.0	89
57	Universal framework for edge controllability of complex networks. Scientific Reports, 2017, 7, 4224.	1.6	28
58	Stability of model-based event-triggered control systems: a separation property. International Journal of Systems Science, 2017, 48, 1035-1047.	3.7	14
59	Security control for linear systems subject to denial-of-service attacks. , 2017, , .		7
60	Stabilization of nonlinear event-triggered control systems with time-varying triggering conditions. , 2017, , .		0
61	Decentralized Integral-Based Event-Triggered Stabilization for Linear Plant with Actuator Saturation and Output Feedback. Applied Sciences (Switzerland), 2017, 7, 11.	1.3	12
62	Practical stability of integral-based event-triggered control systems. , 2017, , .		0
63	A Lyapunov‐based small‐gain approach on design of triggering conditions in event‐triggered control systems. International Journal of Robust and Nonlinear Control, 2016, 26, 2938-2960.	2.1	21
64	Design of event conditions in event‐triggered control systems: a non‐fragile control system approach. IET Control Theory and Applications, 2016, 10, 1069-1077.	1.2	24
65	Integral-based event-triggered control for linear systems with transmission delays. , 2016, , .		2
66	Model-based event-triggered tracking control of linear systems. , 2016, , .		0
67	Model-based event-triggered disturbance rejection with integral-based event conditions. , 2016, , .		2
68	Robustness of controlling edge dynamics in complex networks against node failure. Physical Review E, 2016, 94, 052310.	0.8	13
69	Periodic event-triggered state-feedback control for discrete-time linear systems. Journal of the Franklin Institute, 2016, 353, 1809-1828.	1.9	13
70	Periodic Event-Triggered Consensus With Quantization. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 406-410.	2.2	50
71	Function observer based event-triggered control for linear systems with guaranteed L-gain. IEEE/CAA Journal of Automatica Sinica, 2015, 2, 394-402.	8.5	4
72	Event‐Triggered Consensus Control of Second‐Order Multi‐Agent Systems. Asian Journal of Control, 2015, 17, 592-603.	1.9	31

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73	Dynamic output–feedback control for linear systems by using event–triggered quantisation. IET Control Theory and Applications, 2015, 9, 1254-1263.	1.2	40
74	Periodic event-triggered state-feedback and output-feedback control for linear systems. International Journal of Control, Automation and Systems, 2015, 13, 779-787.	1.6	31
75	Adaptive model-based event-triggered control for linear systems. , 2015, , .		5
76	Distributed event-triggered consensus for multi-agent systems with quantisation. International Journal of Control, 2015, 88, 1112-1122.	1.2	40
77	Event-triggered consensus of multi-agent systems under jointly connected topology. IMA Journal of Mathematical Control and Information, 2015, 32, 537-556.	1.1	22
78	On event-triggered H<inf>&#x221E;</inf> tracking control of certain and uncertain linear systems. , 2014, , .		2
79	Event-triggered based energy-to-peak disturbance rejection for linear systems. , 2014, , .		2
80	Consensus of linear multi-agent systems via event-triggered control. International Journal of Control, 2014, 87, 1243-1251.	1.2	138
81	Event-Triggered Control for Linear Descriptor Systems. Circuits, Systems, and Signal Processing, 2013, 32, 1065-1079.	1.2	25
82	Decentralized event-triggered control strategy in distributed networked systems with delays. International Journal of Control, Automation and Systems, 2013, 11, 33-40.	1.6	51
83	Event-triggered control strategy for multi-agent systems with time-varying delays. , 2013, , .		4
84	Adaptive synchronization of asymmetric coupled networks with multiple coupling delays. International Journal of General Systems, 2012, 41, 409-431.	1.2	4
85	Absolute stability of Lurie networked control systems. International Journal of Robust and Nonlinear Control, 2010, 20, 1326-1337.	2.1	8
86	Absolute stability of uncertain discrete Lur€™e systems and maximum admissible perturbed bounds. Journal of the Franklin Institute, 2010, 347, 1511-1525.	1.9	14
87	Absolute Stability for a Class of Observer-based Nonlinear Networked Control Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 35, 933-944.	0.3	2
88	An LMI approach to persistent bounded disturbance rejection for a class of nonlinear impulsive systems. Nonlinear Analysis: Hybrid Systems, 2007, 1, 297-305.	2.1	6
89	Novel criteria of synchronization stability in complex networks with coupling delays. Physica A: Statistical Mechanics and Its Applications, 2007, 378, 527-536.	1.2	33
90	New conditions on absolute stability of uncertain Lur'e systems and the maximum admissible perturbed bound. IMA Journal of Mathematical Control and Information, 2006, 24, 425-433.	1.1	5

#	ARTICLE	IF	CITATIONS
91	Full-order Observer Design for Descriptor Systems with Delayed State and Unknown Inputs. , 2006, , .		3
92	A New Criterion on Exponential Stability of a Class of Discrete Cellular Neural Networks with Time Delay. Lecture Notes in Computer Science, 2005, , 769-772.	1.0	1
93	Stabilization of Networked Control Systems with Data Packet Dropout and Transmission Delays: Continuous-Time Case. European Journal of Control, 2005, 11, 40-49.	1.6	118
94	Robust Stability and Performance of Uncertain Lurie Systems with State Delays. Circuits, Systems, and Signal Processing, 2004, 23, 299.	1.2	3
95	An LMI approach to networked control systems with data packet dropout and transmission delays. , 2004, , .		83
96	Analysis of persistent bounded disturbance rejection for Lurie systems of the neutral type. , 2004, , .		0
97	A new robust delay-dependent stability criterion for a class of uncertain systems with delay. , 2004, , .		1
98	Persistent bounded disturbance rejection for impulsive systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 785-788.	0.1	16
99	Persistent bounded disturbance rejection for impulsive systems with polytopic uncertainties. , 2003, , .		1
100	Some results on L/sub 1/-performance for nonlinear systems. , 0, , .		0
101	An LMI approach to persistent bounded disturbance rejection for uncertain impulsive systems. , 0, , .		9
102	Output feedback control of networked control systems. , 0, , .		21
103	Robust stability analysis and control synthesis for discrete-time uncertain switched systems. , 0, , .		36
104	ESPR analysis and synthesis of discrete-time systems with polytopic uncertainty. , 0, , .		0
105	Robust peak gain problem for uncertain systems via LMI approach. , 0, , .		0
106	Asynchronous decentralised event-triggered control of multi-agent systems. International Journal of Control, 0, , 1-10.	1.2	18