Hao Yu

List of Publications by Year
in descending order

50 papers	742 citations	567281 15 h-index	580821 25 g-index
51 all docs	51 docs citations	51 times ranked	498 citing authors

#	Article	IF	Citations
1	Input-to-state stability of integral-based event-triggered control for linear plants. Automatica, 2017, 85, 248-255.	5.0	89
2	Prescribed-Time Event-Triggered Bipartite Consensus of Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 2589-2598.	9.5	61
3	Event-Triggered Bipartite Consensus for Multiagent Systems: A Zeno-Free Analysis. IEEE Transactions on Automatic Control, 2020, 65, 4866-4873.	5.7	51
4	A Uniform Analysis on Input-to-State Stability of Decentralized Event-Triggered Control Systems. IEEE Transactions on Automatic Control, 2019, 64, 3423-3430.	5.7	42
5	On Zeno Behavior in Event-Triggered Finite-Time Consensus of Multiagent Systems. IEEE Transactions on Automatic Control, 2021, 66, 4700-4714.	5.7	34
6	Design of data-driven PID controllers with adaptive updating rules. Automatica, 2020, 121, 109185.	5.0	32
7	Design of event conditions in eventâ€triggered control systems: a nonâ€fragile control system approach. IET Control Theory and Applications, 2016, 10, 1069-1077.	2.1	24
8	Event-triggered control for stochastic networked control systems against Denial-of-Service attacks. Information Sciences, 2020, 527, 51-69.	6.9	24
9	On stochastic and deterministic event-based state estimation. Automatica, 2021, 123, 109314.	5.0	23
10	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.	3.7	22
11	A Lyapunovâ€based smallâ€gain approach on design of triggering conditions in eventâ€triggered control systems. International Journal of Robust and Nonlinear Control, 2016, 26, 2938-2960.	3.7	21
12	A new Zeno-free event-triggered scheme for robust distributed optimal coordination. Automatica, 2021, 129, 109639.	5.0	21
13	Eventâ€triggered model predictive control for disturbed linear systems under twoâ€channel transmissions. International Journal of Robust and Nonlinear Control, 2020, 30, 6701-6719.	3.7	20
14	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.	9.3	17
15	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.	3.7	15
16	Worst-Case Stealthy Innovation-Based Linear Attacks on Remote State Estimation Under Kullbackâ€“Leibler Divergence. IEEE Transactions on Automatic Control, 2022, 67, 6082-6089.	5.7	15
17	Stability of model-based event-triggered control systems: a separation property. International Journal of Systems Science, 2017, 48, 1035-1047.	5.5	14
18	Output-Based Periodic Event-Triggered Control for Nonlinear Plants: An Approximate-Model Method. IEEE Transactions on Control of Network Systems, 2020, 7, 1342-1354.	3.7	14

#	Article	IF	Citations
19	Periodic event-triggered state-feedback control for discrete-time linear systems. Journal of the Franklin Institute, 2016, 353, 1809-1828.	3.4	13
20	On event-triggered control for integral input-to-state stable systems. Systems and Control Letters, 2019, 123, 24-32.	2.3	13
21	Decentralized Integral-Based Event-Triggered Stabilization for Linear Plant with Actuator Saturation and Output Feedback. Applied Sciences (Switzerland), 2017, 7, 11.	2.5	12
22	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.	3.7	12
23	The existence of Zeno behavior and its application to finite-time event-triggered control. Science China Information Sciences, 2020, 63, 1.	4.3	12
24	Worst-Case Stealthy Attacks on Stochastic Event-Based State Estimation. IEEE Transactions on Automatic Control, 2022, 67, 2052-2059.	5.7	12
25	Event-triggered active disturbance rejection control for a class of networked systems with unmatched uncertainties: Theoretic and experimental results. Control Engineering Practice, 2021, 115, 104907.	5.5	12
26	A novel distributed event-triggered control with time-varying thresholds. Journal of the Franklin Institute, 2020, 357, 4132-4153.	3.4	11
27	Stability of networked control system subject to denial-of-service. Science China Information Sciences, 2021, 64, 1.	4.3	9
28	A design framework for event-triggered active fault-tolerant control systems. International Journal of Control, 2021, 94, 2508-2519.	1.9	8
29	Lyapunov-based event-triggered control for nonlinear plants subject to disturbances and transmission delays. Science China Information Sciences, 2020, 63, 1.	4.3	8
30	Hybridâ€triggered formation tracking control of mobile robots without velocity measurements. International Journal of Robust and Nonlinear Control, 2022, 32, 1796-1827.	3.7	8
31	Periodic Event-Triggered Networked Control Systems Subject to Large Transmission Delays. IEEE Transactions on Automatic Control, 2023, 68, 63-79.	5.7	8
32	Observerâ€based disturbance rejection for linear systems by aperiodical sampling control. IET Control Theory and Applications, 2017, 11, 1561-1570.	2.1	7
33	A New Event-Triggered Control Scheme for Stochastic Systems. IEEE Transactions on Automatic Control, 2023, 68, 1463-1478.	5.7	7
34	Adaptive model-based event-triggered control for linear systems. , 2015, , .		5
35	Input-to-state practical stabilisation via periodic event-triggered control without Zeno-like behaviour. International Journal of Control, 2021, 94, 2440-2452.	1.9	5
36	Dynamic periodic event-triggered control for nonlinear plants with state feedback. IFAC-PapersOnLine, 2020, 53, 2814-2819.	0.9	5

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37	Stochastic event-based LQG control: An analysis on strict consistency. Automatica, 2022, 138, 110157.	5.0	5
38	Event-triggered dual-mode predictive control for constrained nonlinear systems with continuous/intermittent detection. Nonlinear Analysis: Hybrid Systems, 2022, 44, 101149.	3.5	5
39	Setâ€point output tracking problem for linear plants via periodic eventâ€triggered control. IET Control Theory and Applications, 2020, 14, 982-990.	2.1	4
40	Switching eventâ€triggering mechanisms for integral inputâ€toâ€state stable nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 4839-4855.	3.7	4
41	Event-Triggered Neural-Network Adaptive Control for Strict-Feedback Nonlinear Systems: Selections on Valid Compact Sets. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4750-4762.	11.3	4
42	Event-Triggered Tracking Control With Filtered Outputs and Impulsive Observers. IEEE Transactions on Cybernetics, 2022, 52, 4981-4992.	9.5	4
43	Affine Formation Maneuver Control of Event-triggered Multi-agent Systems. IFAC-PapersOnLine, 2020, 53, 3391-3396.	0.9	4
44	Cooperative Output Regulation With Asynchronous Transmissions and Time-Varying Delays. IEEE Transactions on Automatic Control, 2022, 67, 1438-1445.	5.7	3
45	Integral-based event-triggered control for linear systems with transmission delays. , 2016, , .		2
46	Stochastic Stealthy False Data Injection Attacks Against Cyber-Physical Systems. IEEE Systems Journal, 2022, 16, 6009-6020.	4.6	1
47	State estimation under stochastic event-triggering conditions with quantized-level energy-harvesting sensors. , 2019, , .		0
48	A new periodic event-triggered control scheme with guaranteed minimum inter-event times. , 2021, , .		0
49	Security Analysis of Cyber-Physical System under False Data Injection Attacks. , 2021, , .		0
50	Adaptive event-triggered PID controllers for linear discrete-time plants. , 2020, , .		0