

# Hao Yu

## List of Publications by Year in descending order

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50  
papers

742  
citations

567281

15  
h-index

580821

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51  
docs citations

51  
times ranked

498  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Periodic Event-Triggered Networked Control Systems Subject to Large Transmission Delays. IEEE Transactions on Automatic Control, 2023, 68, 63-79.	5.7	8
3	A New Event-Triggered Control Scheme for Stochastic Systems. IEEE Transactions on Automatic Control, 2023, 68, 1463-1478.	5.7	7
4	Prescribed-Time Event-Triggered Bipartite Consensus of Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 2589-2598.	9.5	61
5	Cooperative Output Regulation With Asynchronous Transmissions and Time-Varying Delays. IEEE Transactions on Automatic Control, 2022, 67, 1438-1445.	5.7	3
6	Worst-Case Stealthy Attacks on Stochastic Event-Based State Estimation. IEEE Transactions on Automatic Control, 2022, 67, 2052-2059.	5.7	12
7	Event-Triggered Tracking Control With Filtered Outputs and Impulsive Observers. IEEE Transactions on Cybernetics, 2022, 52, 4981-4992.	9.5	4
8	Hybrid-Event-Triggered formation tracking control of mobile robots without velocity measurements. International Journal of Robust and Nonlinear Control, 2022, 32, 1796-1827.	3.7	8
9	Worst-Case Stealthy Innovation-Based Linear Attacks on Remote State Estimation Under Kullback-Leibler Divergence. IEEE Transactions on Automatic Control, 2022, 67, 6082-6089.	5.7	15
10	Stochastic event-based LQG control: An analysis on strict consistency. Automatica, 2022, 138, 110157.	5.0	5
11	Event-triggered dual-mode predictive control for constrained nonlinear systems with continuous/intermittent detection. Nonlinear Analysis: Hybrid Systems, 2022, 44, 101149.	3.5	5
12	Stochastic Stealthy False Data Injection Attacks Against Cyber-Physical Systems. IEEE Systems Journal, 2022, 16, 6009-6020.	4.6	1
13	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
14	On Zeno Behavior in Event-Triggered Finite-Time Consensus of Multiagent Systems. IEEE Transactions on Automatic Control, 2021, 66, 4700-4714.	5.7	34
15	A design framework for event-triggered active fault-tolerant control systems. International Journal of Control, 2021, 94, 2508-2519.	1.9	8
16	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
17	Stability of networked control system subject to denial-of-service. Science China Information Sciences, 2021, 64, 1.	4.3	9
18	On stochastic and deterministic event-based state estimation. Automatica, 2021, 123, 109314.	5.0	23

#	ARTICLE	IF	CITATIONS
19	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
20	Switching event-triggering mechanisms for integral input-to-state stable nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 4839-4855.	3.7	4
21	A new Zeno-free event-triggered scheme for robust distributed optimal coordination. Automatica, 2021, 129, 109639.	5.0	21
22	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
23	A new periodic event-triggered control scheme with guaranteed minimum inter-event times. , 2021, , .		0
24	Security Analysis of Cyber-Physical System under False Data Injection Attacks. , 2021, , .		0
25	The existence of Zeno behavior and its application to finite-time event-triggered control. Science China Information Sciences, 2020, 63, 1.	4.3	12
26	Event-Triggered Bipartite Consensus for Multiagent Systems: A Zeno-Free Analysis. IEEE Transactions on Automatic Control, 2020, 65, 4866-4873.	5.7	51
27	Design of data-driven PID controllers with adaptive updating rules. Automatica, 2020, 121, 109185.	5.0	32
28	Event-triggered model predictive control for disturbed linear systems under two-channel transmissions. International Journal of Robust and Nonlinear Control, 2020, 30, 6701-6719.	3.7	20
29	Setpoint output tracking problem for linear plants via periodic event-triggered control. IET Control Theory and Applications, 2020, 14, 982-990.	2.1	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.	3.7	14
31	A novel distributed event-triggered control with time-varying thresholds. Journal of the Franklin Institute, 2020, 357, 4132-4153.	3.4	11
32	Lyapunov-based event-triggered control for nonlinear plants subject to disturbances and transmission delays. Science China Information Sciences, 2020, 63, 1.	4.3	8
33	Event-triggered control for stochastic networked control systems against Denial-of-Service attacks. Information Sciences, 2020, 527, 51-69.	6.9	24
34	Adaptive event-triggered PID controllers for linear discrete-time plants. , 2020, , .		0
35	Dynamic periodic event-triggered control for nonlinear plants with state feedback. IFAC-PapersOnLine, 2020, 53, 2814-2819.	0.9	5
36	Affine Formation Maneuver Control of Event-triggered Multi-agent Systems. IFAC-PapersOnLine, 2020, 53, 3391-3396.	0.9	4

#	ARTICLE	IF	CITATIONS
37	State estimation under stochastic event-triggering conditions with quantized-level energy-harvesting sensors. , 2019, , .		0
38	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
39	On event-triggered control for integral input-to-state stable systems. Systems and Control Letters, 2019, 123, 24-32.	2.3	13
40	Finite $\hat{\alpha}$ -gain problem for networked control systems with delays via event-triggered control. International Journal of Robust and Nonlinear Control, 2018, 28, 1547-1565.	3.7	12
41	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
42	Observer-based disturbance rejection for linear systems by aperiodical sampling control. IET Control Theory and Applications, 2017, 11, 1561-1570.	2.1	7
43	Input-to-state stability of integral-based event-triggered control for linear plants. Automatica, 2017, 85, 248-255.	5.0	89
44	Stability of model-based event-triggered control systems: a separation property. International Journal of Systems Science, 2017, 48, 1035-1047.	5.5	14
45	Decentralized Integral-Based Event-Triggered Stabilization for Linear Plant with Actuator Saturation and Output Feedback. Applied Sciences (Switzerland), 2017, 7, 11.	2.5	12
46	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.	3.7	21
47	Design of event conditions in event-triggered control systems: a non-fragile control system approach. IET Control Theory and Applications, 2016, 10, 1069-1077.	2.1	24
48	Integral-based event-triggered control for linear systems with transmission delays. , 2016, , .		2
49	Periodic event-triggered state-feedback control for discrete-time linear systems. Journal of the Franklin Institute, 2016, 353, 1809-1828.	3.4	13
50	Adaptive model-based event-triggered control for linear systems. , 2015, , .		5