

# Hao Yu

## List of Publications by Citations

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44  
papers

307  
citations

10  
h-index

15  
g-index

51  
ext. papers

492  
ext. citations

4  
avg, IF

4.6  
L-index

#	Paper	IF	Citations
44	Input-to-state stability of integral-based event-triggered control for linear plants. <i>Automatica</i> , <b>2017</b> , 85, 248-255	5.7	57
43	A Uniform Analysis on Input-to-State Stability of Decentralized Event-Triggered Control Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 3423-3430	5.9	26
42	Design of event conditions in event-triggered control systems: a non-fragile control system approach. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1069-1077	2.5	19
41	Event-Triggered Bipartite Consensus for Multiagent Systems: A Zeno-Free Analysis. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4866-4873	5.9	15
40	A Lyapunov-based small-gain approach on design of triggering conditions in event-triggered control systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 2938-2960	3.6	15
39	Prescribed-Time Event-Triggered Bipartite Consensus of Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	14
38	Event-triggered control for stochastic networked control systems against Denial-of-Service attacks. <i>Information Sciences</i> , <b>2020</b> , 527, 51-69	7.7	11
37	Model-based event-triggered control for linear plant with threshold variable and model states. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 135-155	3.6	10
36	Periodic event-triggered state-feedback control for discrete-time linear systems. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 1809-1828	4	10
35	Stability of model-based event-triggered control systems: a separation property. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 1035-1047	2.3	10
34	Optimal SINR-Based DoS Attack Scheduling for Remote State Estimation via Adaptive Dynamic Programming Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	10
33	On stochastic and deterministic event-based state estimation. <i>Automatica</i> , <b>2021</b> , 123, 109314	5.7	10
32	On event-triggered control for integral input-to-state stable systems. <i>Systems and Control Letters</i> , <b>2019</b> , 123, 24-32	2.4	9
31	The existence of Zeno behavior and its application to finite-time event-triggered control. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	8
30	. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 1-1	5.9	7
29	Design of data-driven PID controllers with adaptive updating rules. <i>Automatica</i> , <b>2020</b> , 121, 109185	5.7	7
28	Output-Based Periodic Event-Triggered Control for Nonlinear Plants: An Approximate-Model Method. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 1342-1354	4	6

27	Decentralized Integral-Based Event-Triggered Stabilization for Linear Plant with Actuator Saturation and Output Feedback. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 11	2.6	6
26	Observer-based disturbance rejection for linear systems by aperiodical sampling control. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 1561-1570	2.5	5
25	Lyapunov-based event-triggered control for nonlinear plants subject to disturbances and transmission delays. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	5
24	Finite -gain problem for networked control systems with delays via event-triggered control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 1547-1565	3.6	5
23	A new Zeno-free event-triggered scheme for robust distributed optimal coordination. <i>Automatica</i> , <b>2021</b> , 129, 109639	5.7	5
22	A design framework for event-triggered active fault-tolerant control systems. <i>International Journal of Control</i> , <b>2020</b> , 1-12	1.5	4
21	A novel distributed event-triggered control with time-varying thresholds. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 4132-4153	4	4
20	Event-triggered model predictive control for disturbed linear systems under two-channel transmissions. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 6701-6719	3.6	4
19	Optimal Allocation of False Data Injection Attacks for Networked Control Systems With Two Communication Channels. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 2-14	4	4
18	Adaptive model-based event-triggered control for linear systems <b>2015</b> ,		3
17	Worst-Case Stealthy Innovation-based Linear Attacks on Remote State Estimation Under Kullback–Leibler Divergence. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	3
16	Stability of networked control system subject to denial-of-service. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	3
15	Event-triggered active disturbance rejection control for a class of networked systems with unmatched uncertainties: Theoretic and experimental results. <i>Control Engineering Practice</i> , <b>2021</b> , 115, 104907	3.9	3
14	Set-point output tracking problem for linear plants via periodic event-triggered control. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 982-990	2.5	1
13	Event-triggered dual-mode predictive control for constrained nonlinear systems with continuous/intermittent detection. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2022</b> , 44, 101149	4.5	1
12	Event-Triggered Tracking Control With Filtered Outputs and Impulsive Observers. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	1
11	Input-to-state practical stabilisation via periodic event-triggered control without Zeno-like behaviour. <i>International Journal of Control</i> , <b>2020</b> , 1-13	1.5	1
10	Integral-based event-triggered control for linear systems with transmission delays <b>2016</b> ,		1

9	Worst-Case Stealthy Attacks on Stochastic Event-based State Estimation. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	1
8	Switching event-triggering mechanisms for integral input-to-state stable nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 4839-4855	3.6	1
7	A New Event-Triggered Control Scheme for Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	1
6	Stochastic event-based LQG control: An analysis on strict consistency. <i>Automatica</i> , <b>2022</b> , 138, 110157	5.7	0
5	Periodic event-triggered networked control systems subject to large transmission delays. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	0
4	Dynamic periodic event-triggered control for nonlinear plants with state feedback. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 2814-2819	0.7	0
3	Cooperative Output Regulation with Asynchronous Transmissions and Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	0
2	Stochastic Stealthy False Data Injection Attacks Against Cyber-Physical Systems. <i>IEEE Systems Journal</i> , <b>2022</b> , 1-12	4.3	0
1	Affine Formation Maneuver Control of Event-triggered Multi-agent Systems. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 3391-3396	0.7	