Event-triggered output synchronization for nonhomogeneous agent systems with periodic denial-of-service attacks

#	Paper	IF	Citations
87	Optimal Asynchronous Stabilization for Boolean Control Networks With Lebesgue Sampling. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
86	Adaptive Event-Triggered H Control for Networked Control Systems With Actuator Saturation and Random Nonlinearities. *IEEE Access*, **2020**, 8, 220723-220733	3.5	1
85	Security Control for Adaptive Event-Triggered Networked Control Systems Under Deception Attacks. *IEEE Access*, **2021**, 9, 10789-10796	3.5	2
84	Fault Detection for Semi-Markov Switching Systems in the Presence of Positivity Constraints. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	9
83	Switched Fuzzy Sampled-Data Control of Chaotic Systems With Input Constraints. *IEEE Access*, **2021**, 9, 44402-44410	3.5	1
82	. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-11	3.9	30
81	Sliding-Mode-Based Admissible Consensus Tracking of Nonlinear Singular Multiagent Systems Under Jointly Connected Topologies. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
80	Consensus of Switched Nonlinear Multiagent Systems Subject to Cyber Attacks. *IEEE Systems Journal*, **2021**, 1-10	4.3	2
79	Fully Distributed Adaptive Event-Triggered Control of Networked Systems With Actuator Bias Faults. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
78	Extended Dissipative Sliding-Mode Control for Discrete-Time Piecewise Nonhomogeneous Markov Jump Nonlinear Systems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	5
77	Event-Triggered Asynchronous Fuzzy Filtering for Vehicle Sideslip Angle Estimation with Data Quantization and Dropouts. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	1
76	Robust Guaranteed-Cost Control for Half-Vehicle Active Suspension Systems Subject to Markovian Controller Uncertainties. *IETE Journal of Research*, 1-9	0.9	1
75	Adaptive fuzzy control of switched nonlinear systems with uncertain dead-zone: A mode-dependent fuzzy dead-zone model. *Neurocomputing*, **2021**, 432, 133-144	5.4	9
74	Fuzzy-model-based tracking control of Markov jump nonlinear systems with incomplete mode information. *Journal of the Franklin Institute*, **2021**, 358, 3633-3650	4	1
73	Resilient dynamic event-triggered and self-triggered control for Markov jump systems under denial-of-service attacks. *Science China Information Sciences*, **2022**, 65, 1	3.4	0
72	Cooperative neural-adaptive fault-tolerant output regulation for heterogeneous nonlinear uncertain multiagent systems with disturbance. *Science China Information Sciences*, **2021**, 64, 1	3.4	18
71	Analysis, planning and control for cooperative transportation of tethered multi-rotor UAVs. *Aerospace Science and Technology*, **2021**, 113, 106673	4.9	13

70	Event-triggered feedback control for delayed singular jump systems based on sampled observer and exponential detector. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 7298-7316	3.6	4
69	Distributed output feedback leader-following consensus for nonlinear multiagent systems with time delay. *Nonlinear Dynamics*, **2021**, 105, 1673-1687	5	1
68	Event-Triggered Adaptive Neural Control for Multiagent Systems with Deferred State Constraints. *Journal of Systems Science and Complexity*, 1	1	1
67	Prescribed Finite-Time H∞ Control for Nonlinear Descriptor Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2917-2921	3.5	7
66	Fuzzy approximation-based adaptive control of nonstrict feedback stochastic nonlinear systems with time-varying state constraints. *International Journal of Adaptive Control and Signal Processing*, **2021**, 35, 2296	2.8	0
65	Sampled-data event-triggered control with application to quadcopter formations. *International Journal of Control*, 1-12	1.5	0
64	Reliable controller for nonlinear multiagent system with additive time varying delay and nonlinear actuator faults. *Mathematical Methods in the Applied Sciences*,	2.3	1
63	. *IEEE Transactions on Control of Network Systems*, **2021**, 8, 1442-1453	4	0
62	Cooperative Adaptive H∞ Output Regulation of Continuous-Time Heterogeneous Multi-Agent Markov Jump Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 3261-3265	3.5	8
61	. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	7
60	Distributed Adaptive Fault-Tolerant Control for Heterogeneous Multiagent Systems With Time-Varying Communication Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-11	7.3	1
59	Dynamic Event-Triggered Asynchronous MPC of Markovian Jump Systems With Disturbances. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	3
58	Co-Design of Fault Detection and Consensus Control Protocol for Multi-Agent Systems Under Hidden DoS Attack. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-13	3.9	10
57	Fixed-Time Average Consensus of Nonlinear Delayed MASs Under Switching Topologies: An Event-Based Triggering Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-13	7.3	2
56	Cluster synchronization of complex networks under denial-of-service attacks with distributed adaptive strategies. *IEEE Transactions on Control of Network Systems*, **2021**, 1-1	4	1
55	Robust Formation Control for Nonlinear Heterogeneous Multiagent Systems Based on Adaptive Event-Triggered Strategy. *IEEE Transactions on Automation Science and Engineering*, **2021**, 1-13	4.9	5
54	Space-Dividing-Based Cluster Synchronization of Reaction-Diffusion Genetic Regulatory Networks via Intermittent Control. *IEEE Transactions on Nanobioscience*, **2021**, PP,	3.4	0
53	Stochastic Event-Triggered H∞ Control for Networked Systems Under Denial of Service Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-11	7.3	14

52	New Fixed-Time Stability Criteria of Time-Varying Delayed Discontinuous Systems and Application to Discontinuous Neutral-Type Neural Networks. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
51	State estimation method using median of multiple candidates for observation signals including outliers. *SICE Journal of Control Measurement and System Integration*, **2021**, 14, 257-267	0.3	1
50	Event-Triggered Control for Networked Systems Under Denial of Service Attacks and Applications. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-10	3.9	4
49	Event-triggered Predictive Control in Bilateral Channels of Networked Control Systems. **2021**,		
48	Time-varying formation control with smooth switching communication. *AIP Advances*, **2021**, 11, 105103	1.5	
47	Neural-network-based control for discrete-time nonlinear systems with denial-of-service attack: The adaptive event-triggered case. *International Journal of Robust and Nonlinear Control*,	3.6	24
46	Improved sampled data fuzzy controller for nonlinear system: The event-triggered approach. *Asian Journal of Control*,	1.7	
45	Decentralized adaptive tracking control for nonlinear large-scale systems with unknown control directions. *International Journal of Robust and Nonlinear Control*,	3.6	0
44	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10	7.3	1
43	Dynamic event-triggered model-free adaptive control for nonlinear CPSs under aperiodic DoS attacks. *Information Sciences*, **2022**, 589, 790-790	7.7	4
42	Event-based finite-time H⬚Filtering of discrete-time singular jump network systems. *International Journal of Robust and Nonlinear Control*,	3.6	1
41	Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and unknown input. *International Journal of Robust and Nonlinear Control*,	3.6	1
40	Decentralized Triple Proximal Splitting Algorithm With Uncoordinated Stepsizes for Nonsmooth Composite Optimization Problems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-14	7.3	
39	Static Output Feedback Control for T-S Fuzzy Systems via a Successive Convex Optimization Algorithm. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	3
38	Memory-Event-Triggered Fault Detection of Networked IT2 T-S Fuzzy Systems.. *IEEE Transactions on Cybernetics*, **2022**, PP,	10.2	4
37	Prescribed Performance Control for Multi-Agent Systems via Fuzzy Adaptive Event-Triggered Strategy. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	2
36	Event-Triggered Synchronization of Multiple Discrete-Time Markovian Jump Memristor-Based Neural Networks With Mixed Mode-Dependent Delays. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2022**, 1-13	3.9	2
35	Security Control for Multi-Time-Scale CPSs Under DoS Attacks: an Improved Dynamic Event-Triggered Mechanism. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	4

34	Stabilization of Networked Singular Control Systems under Double-channel Quantization and DoS Attacks. *Journal of the Franklin Institute*, **2022**,	4	0
33	Input-Output Finite-Time Control of Markov Jump Systems with Round-Robin Protocol: An Dynamic Event-Triggered Approach. *Journal of the Franklin Institute*, **2022**,	4	0
32	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
31	An efficient intelligent decision method for bionic motion unmanned system. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2022**, 236, 683-695 [1]		
30	Quasi-Consensus of Time-Varying Multi-Agent Systems with External Inputs under Deception Attacks.. *Entropy*, **2022**, 24,	2.8	
29	Quantized Sampled-data Control Tactic for T-S Fuzzy NCS under Stochastic Cyber-attacks and Its Application to Truck-trailer System. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	5
28	Synchronization for Complex Networks With Multiple State or Delayed State Couplings Under Recoverable Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-11	7.3	0
27	Event-Triggered Adaptive Output-Feedback Control of Switched Stochastic Nonlinear Systems With Actuator Failures: A Modified MDADT Method.. *IEEE Transactions on Cybernetics*, **2022**, PP,	10.2	0
26	Finite-time stochastic boundedness for Markovian jumping systems via the sliding mode control. *Journal of the Franklin Institute*, **2022**, 359, 4678-4678	4	0
25	Observer-Based Dynamic Event-Triggered Adaptive Control of Distributed Networked Systems with Application to Ground Vehicles. *IEEE Transactions on Industrial Electronics*, **2022**, 1-1	8.9	2
24	Dynamic-Memory Event-Based Asynchronous Attack Detection Filtering for a Class Of Nonlinear Cyber-Physical Systems. *IEEE Transactions on Cybernetics*, **2022**, 1-15	10.2	
23	Dissipativity-based finite-time asynchronous output feedback control for wind turbine system via a hidden Markov model. *International Journal of Systems Science*, 1-13	2.3	1
22	Adaptive 2-bits-triggered neural control for uncertain nonlinear multi-agent systems with full state constraints. *Neural Networks*, **2022**,	9.1	0
21	Adaptive Fuzzy Fixed-Time Tracking Control for Switched High-Order Multi-Agent Systems With Input Delay. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-10	4.9	1
20	Finite-time synchronization of multi-weighted fractional-order coupled neural networks with fixed and adaptive couplings. *International Journal of Adaptive Control and Signal Processing*,	2.8	0
19	Event-triggered output feedback dissipative control of nonlinear systems under DoS attacks and actuator saturation. *International Journal of Systems Science*, 1-18	2.3	
18	Dynamic event-triggered strategies for tracking control of directed multi-agent systems with Lipschitz nonlinear dynamics. *International Journal of Robust and Nonlinear Control*,	3.6	0
17	Disagreement and Antagonism in Signed Networks: A Survey. *IEEE/CAA Journal of Automatica Sinica*, **2022**, 9, 1166-1187	7	1

16	Synchronization control for multiple Euler⬜agrange systems in leader⬜ollower framework under switching and event-based communications. *International Journal of Robust and Nonlinear Control*,	3.6
15	Resilient Adaptive Event-Triggered Control for Singular Networked Cascade Control Systems Under DoS Attacks. **2022**, 1-1	
14	Adaptive fully distributed anti-disturbance containment control for heterogeneous multi-agent systems. 1-14	
13	Event-triggered finite-time formation control for second-order leader-following multi-agent systems with nonlinear term time delay. 1-15	
12	Adaptive event-triggered fault detection for nonlinear positive semi-Markov jump systems.	
11	Event-Based Bipartite Consensus of Multi-Agent Systems Subject to DoS Attacks. **2022**, 1-12	1
10	Fixed-time leader-following consensus of multi-agent systems with intermittent control. **2023**, 438, 127524	0
9	Mixed H_2/H_∞ Fault-Tolerant Sampled-Data Fuzzy Control for Nonlinear Parabolic PDE Systems Under Deception Attacks.	1
8	Model predictive control of networked control systems with⬜disturbances and deception attacks under communication constraints.	0
7	Minimum-variance recursive state estimation for complex networks with stochastic switching topologies and random quantization under try-once-discard protocol.	0
6	Mean square leader-following consensus of heterogeneous multi-agent systems with Markovian switching topologies and communication delays.	0
5	Adaptive Event-Triggered L2⬜⬜Control of Semi-Markov Jump Distributed Parameter Systems. **2023**, 439, 127586	0
4	Output-Sensitive Event-Triggered Path Following Control of Autonomous Ground Vehicles Under Stochastic FDI Attacks. **2022**,	0
3	The Cooperative Output Regulation by the Distributed Observer Approach. 20-35	2
2	Off-Policy Learning-Based Following Control of Cooperative Autonomous Vehicles Under Distributed Attacks. **2023**, 1-11	0
1	Distributed adaptive command filtered resilient event-triggered secure consensus control for multiagent systems under double DoS attacks. **2023**, 224, 120016	0