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Event-triggered resilient control for cyber-physical systems under asynchronous DoS attacks

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#	Paper	IF	Citations
59	Robust event-triggered model predictive control for cyber-physical systems under denial-of-service attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 4797-4811	3.6	27
58	Event-triggered stabilization of linear plants subject to periodic Denial-of-Service attacks and disturbances. 2019 ,		
57	Event-triggered state estimation for networked control systems with lossy network communication. <i>Information Sciences</i> , 2019 , 492, 1-12	7.7	20
56	Dynamic Output Feedback Control of Cyber-Physical Systems Under DoS Attacks. <i>IEEE Access</i> , 2019 , 7, 181032-181040	3.5	12
55	Hybrid-driven mechanism output feedback control under deception attacks based on discrete-time Markov jump systems. 2019 ,		
54	Resilient Event-Triggered Controller Synthesis of Load Frequency Control for Multi-Area Power Systems under Periodic DoS Jamming Attacks. 2019 ,		2
53	Summation Detector for False Data-Injection Attack in Cyber-Physical Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2338-2345	10.2	114
52	Observer-based event-triggered output feedback control for fractional-order cyber-physical systems subject to stochastic network attacks. <i>ISA Transactions</i> , 2020 , 104, 15-25	5.5	8
51	A systematic review of cyber-resilience assessment frameworks. <i>Computers and Security</i> , 2020 , 97, 101996	6.9	11
50	Event-triggered finite-time bounded and finite-time stability for Networked Control Systems under DoS attacks. <i>International Journal of Systems Science</i> , 2020 , 51, 2820-2836	2.3	5
49	Further results on event-triggered H_∞ networked control for neural networks with stochastic cyber-attacks. <i>Applied Mathematics and Computation</i> , 2020 , 386, 125431	2.7	2
48	Resilient decentralized sampled-data H_∞ filter design for linear interconnected systems subject to denial-of-service attacks. <i>Information Sciences</i> , 2020 , 538, 467-485	7.7	7
47	Decentralized Sampled-Data Control for Cyber-Physical Systems Subject to DoS Attacks. <i>IEEE Systems Journal</i> , 2020 , 1-9	4.3	6
46	Event-Triggered Distributed State Estimation for Cyber-Physical Systems Under DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	5
45	Event-triggered H_∞ control of networked switched systems subject to denial-of-service attacks. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020 , 38, 100930	4.5	6
44	Passivity-based Event-triggered Fault Tolerant Control for Nonlinear Networked Control System with Actuator Failures and DoS Jamming Attacks. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9288-9307	4	2
43	A dynamic event-triggered resilient control approach to cyber-physical systems under asynchronous DoS attacks. <i>Information Sciences</i> , 2020 , 519, 260-272	7.7	29

42	RQ-CEASE: A Resilient Quantized Collaborative Event-Triggered Average-Consensus Sampled-Data Framework Under Denial of Service Attack. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-13	7.3	2
41	Event-triggered predictive control for networked control systems with DoS attacks. <i>Information Sciences</i> , 2021 , 542, 71-91	7.7	20
40	Adaptive fault estimation for cyber-physical systems with intermittent DoS attacks. <i>Information Sciences</i> , 2021 , 547, 746-762	7.7	8
39	Robust leader-following consensus of cyber-physical systems with cyber attack via sampled-data control. <i>ISA Transactions</i> , 2021 , 109, 61-71	5.5	4
38	Active Security Control Approach Against DoS Attacks in Cyber-Physical Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4303-4310	5.9	11
37	Observer-based synchronization control for complex networks against asynchronous attacks. <i>Information Sciences</i> , 2021 , 546, 753-768	7.7	5
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35	Event-triggered control of singularly perturbed linear system with DoS attacks. <i>IET Control Theory and Applications</i> , 2021 , 15, 1028-1041	2.5	0
34	Quantized control for a class of neural networks with adaptive event-triggered scheme and complex cyber-attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4705-4728	3.6	11
33	Remote observer-based robust control for cyber-physical systems under asynchronous DoS attacks: an intelligent approach. <i>International Journal of Systems Science</i> , 1-15	2.3	2
32	Sampled-Data Dynamic Event-Triggering Control for Networked Systems Subject to DoS Attacks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1978-1990	4.9	5
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30	Event-triggered control for cyber-physical systems with multiple transportation channels and denial-of-service attacks. <i>Advanced Control for Applications</i> , 2021 , 3, e84	0.9	
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28	Discussing resilience in the context of cyber physical systems. <i>Computers and Industrial Engineering</i> , 2021 , 160, 107534	6.4	6
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25	Switched event-based control for nonlinear cyber-physical systems under deception attacks. <i>Nonlinear Dynamics</i> , 2021 , 106, 2245	5	2

24	Fixed-time dual-channel event-triggered secure quasi-synchronization of coupled memristive neural networks. <i>Journal of the Franklin Institute</i> , 2021 , 358, 10052-10052	4	3
23	Event-based switching control for networked switched systems under nonperiodic DoS jamming attacks. <i>IET Control Theory and Applications</i> , 2020 , 14, 3097-3106	2.5	4
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21	Observer-based event-triggered cloud predictive control for heterogeneous MASs with DoS attacks and delays. 2020 ,		1
20	Asynchronous H _∞ filtering for networked switched systems under effective DoS attacks. <i>International Journal of Systems Science</i> , 1-13	2.3	0
19	Predictive Control Based on Event-Triggering Mechanism of Cyber-Physical Systems Under Denial-of-Service Attacks. <i>Information Sciences</i> , 2021 ,	7.7	0
18	Observer-based event-triggered control of linear system with two-time scales.. <i>ISA Transactions</i> , 2022 ,	5.5	0
17	Secure Control for Cyber-Physical Systems with Positive Constraint Under DoS Attack. <i>Circuits, Systems, and Signal Processing</i> , 1	2.2	
16	Distributed multi-rate sampled-data H _∞ consensus filtering for cyber-physical systems under denial-of-service attacks. <i>Information Sciences</i> , 2022 , 587, 607-625	7.7	2
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14	Memory dynamic output feedback controller based on asynchronous event-triggered robust H _∞ control for nonlinear ICPSs under data injection attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 1904-1921	3.6	
13	Event-Triggered Remote State Estimation for Cyber-Physical Systems Under Malicious DoS Attacks. <i>Information Sciences</i> , 2022 ,	7.7	4
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11	Active Control Strategy for Disturbed Switched Systems Under Asynchronous DoS Attacks. 2022 , 6, 2701-2706		0
10	Formation control for discrete-time multi-agent system with input and output delays under network attacks. <i>Scientific Reports</i> , 2022 , 12,	4.9	
9	Design and implementation of robust corrective control systems with permanent sensor faults. <i>Information Sciences</i> , 2022 ,	7.7	
8	Adaptive event-triggered scheme for load frequency control of smart grid under DoS attacks. <i>International Journal of Systems Science</i> , 1-16	2.3	
7	Event-Triggered Cognitive Control for Networked Control Systems Subject to DoS Attacks and Time Delay.		

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- 5 GAN Base feedback analysis system for industrial IOT networks. 1-9 ○
- 4 Active control strategy for switched systems against asynchronous DoS attacks. **2023**, 148, 110765 ○
- 3 Sampled-data bipartite consensus control of nonlinear multi-agent systems under denial-of-service attacks. ○
- 2 Optimal energy constrained deception attacks in cyber-physical systems with multiple channels: A fusion attack approach. **2023**, ○
- 1 A dynamic encryption/decryption scheme for replay attack detection in cyber-physical systems. **2023**, 151, 110926 ○