

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86 papers	2,720 citations	29 h-index	51 g-index
100 ext. papers	3,434 ext. citations	6.2 avg, IF	6.04 L-index

#	Paper	IF	Citations
86	Observer-Based Output Feedback Event-Triggered Control for Consensus of Multi-Agent Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 4885-4894	8.9	349
85	Codesign of Event-Triggered and Distributed $H_{\infty}$ Filtering for Active Semi-Vehicle Suspension Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2017</b> , 22, 1047-1058	5.5	141
84	$H_{\infty}$ Fault Detection for Networked Mechanical Spring-Mass Systems With Incomplete Information. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 5622-5631	8.9	137
83	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 312-321	11.9	117
82	Robust cooperative output regulation of multi-agent systems via adaptive event-triggered control. <i>Automatica</i> , <b>2019</b> , 102, 129-136	5.7	116
81	Event-Triggered Asynchronous Guaranteed Cost Control for Markov Jump Discrete-Time Neural Networks With Distributed Delay and Channel Fading. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3588-3598	10.3	116
80	Input/Output finite-time mean square stabilization of nonlinear semi-Markovian jump systems. <i>Automatica</i> , <b>2019</b> , 104, 82-89	5.7	94
79	Adaptive Event-Triggered Transmission Scheme and $H$ Filtering Co-Design Over a Filtering Network With Switching Topology. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 4296-4307	10.2	85
78	$H_{\infty}$ Output Tracking Control for Networked Systems With Adaptively Adjusted Event-Triggered Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2050-2058	7.3	82
77	$H_{\infty}$ Consensus of event-based multi-agent systems with switching topology. <i>Information Sciences</i> , <b>2016</b> , 370-371, 623-635	7.7	81
76	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2011</b> , 19, 1153-1162	8.3	81
75	Adaptive Consensus-Based Distributed Target Tracking With Dynamic Cluster in Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1580-1591	10.2	76
74	A Novel Sliding Mode Estimation for Microgrid Control With Communication Time Delays. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 1509-1520	10.7	72
73	Distributed $H_{\infty}$ State Estimation for a Class of Filtering Networks With Time-Varying Switching Topologies and Packet Losses. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 2047-2057	7.3	69
72	L2 control design of event-triggered networked control systems with quantizations. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 332-345	4	58
71	Fuzzy Controller Design for Nonlinear Impulsive Fuzzy Systems With Time Delay. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2011</b> , 19, 844-856	8.3	53
70	Improved inequality-based functions approach for stability analysis of time delay system. <i>Automatica</i> , <b>2019</b> , 108, 108416	5.7	50

69	Event-Based Security Control for Stochastic Networked Systems Subject to Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4643-4654	7.3	49
68	Sampled-data control of nonlinear networked systems with time-delay and quantization. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 919-933	3.6	47
67	Stability Analysis for Delayed Neural Networks via Improved Auxiliary Polynomial-Based Functions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 2562-2568	10.3	46
66	Dynamic output-feedback control of linear semi-Markov jump systems with incomplete semi-Markov kernel. <i>Automatica</i> , <b>2020</b> , 117, 108997	5.7	44
65	Event-Triggered $H_{\infty}$ State Estimation of 2-DOF Quarter-Car Suspension Systems With Nonhomogeneous Markov Switching. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3320-3329	7.3	40
64	Distributed $H_{\infty}$ Filtering for Switched Repeated Scalar Nonlinear Systems With Randomly Occurred Sensor Nonlinearities and Asynchronous Switching. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 2263-2270	7.3	39
63	Consensus of multi-agent systems with linear dynamics using event-triggered control. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 2275-2281	2.5	39
62	Collision-Free Navigation of Autonomous Vehicles Using Convex Quadratic Programming-Based Model Predictive Control. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2018</b> , 23, 1103-1113	5.5	38
61	Event-Triggered Guaranteed Cost Controller Design for T-S Fuzzy Markovian Jump Systems With Partly Unknown Transition Probabilities. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 1052-1064	8.3	37
60	Distributed Event-Triggered Adaptive Control for Cooperative Output Regulation of Heterogeneous Multiagent Systems Under Switching Topology. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 4347-4358	10.3	34
59	Distributed event-triggered $H_{\infty}$ state estimation for TS fuzzy systems over filtering networks. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 3760-3779	4	31
58	Stability analysis of linear systems with time-varying delay via intermediate polynomial-based functions. <i>Automatica</i> , <b>2020</b> , 113, 108756	5.7	31
57	Active Full-Vehicle Suspension Control via Cloud-Aided Adaptive Backstepping Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3113-3124	10.2	29
56	Stability and Stabilization With Additive Freedom for Delayed Takagi-Sugeno Fuzzy Systems by Intermediary-Polynomial-Based Functions. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 692-705	8.3	28
55	Distributed event-triggered control for consensus of multi-agent systems. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 3476-3488	4	25
54	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 1081-1092	8.3	24
53	Dynamic Event-Triggered Asynchronous Control for Nonlinear Multiagent Systems Based on TS Fuzzy Models. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	23
52	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 1233-1243	7.3	21

51	Adaptive Event-Triggered Predictive Control for Finite Time Microgrid. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2020</b> , 67, 1035-1044	3.9	20
50	Event-Based $H_{\infty}$ Fault Detection for Buck Converter With Multiplicative Noises Over Network. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 2361-2370	3.9	19
49	Maneuvering Target Tracking With Event-Based Mixture Kalman Filter in Mobile Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4346-4357	10.2	18
48	Resilient Static Output Feedback Control of Linear Semi-Markov Jump Systems With Incomplete Semi-Markov Kernel. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 4274-4281	5.9	17
47	Aperiodic Sampled-Data-Based Control for Interval Type-2 Fuzzy Systems via Refined Adaptive Event-Triggered Communication Scheme. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 310-321	8.3	15
46	Observer-based decentralized event-triggered $H_2$ control for networked systems. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 3744-3759	4	13
45	Active Suspension System Control With Decentralized Event-Triggered Scheme. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 10798-10808	8.9	12
44	. <i>IEEE Transactions on Intelligent Vehicles</i> , <b>2020</b> , 5, 616-625	5	11
43	Observed-Based Finite-Time Control of Nonlinear Semi-Markovian Jump Systems With Saturation Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	11
42	Simultaneous Stabilization and Tracking of Nonholonomic WMRs With Input Constraints: Controller Design and Experimental Validation. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 5343-5352	8.9	11
41	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 5330-5337	7.3	11
40	Dynamic Event-Based Non-Fragile Dissipative State Estimation for Quantized Complex Networks With Fading Measurements and Its Application. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 856-867	3.9	11
39	Output-based event-triggered consensus of general linear multi-agent systems with communication delay under directed graphs. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 3702-3720	4	9
38	Membership-Function-Dependent Fault Detection Filtering Design for Interval Type-2 TS Fuzzy Systems in Finite Frequency Domain. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	9
37	$H_2$ Filtering for TS fuzzy networked systems with stochastic multiple delays and sensor faults. <i>Neurocomputing</i> , <b>2016</b> , 207, 590-598	5.4	9
36	Fault Detection Filtering Design for Discrete-Time Interval Type-2 TS Fuzzy Systems in Finite Frequency Domain. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 213-225	8.3	9
35	Asynchronous Output Feedback Control of Hidden Semi-Markov Jump Systems With Random Mode-Dependent Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	9
34	Sampling-Based Optimal Motion Planning With Smart Exploration and Exploitation. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2020</b> , 25, 2376-2386	5.5	8

33	H $\infty$ Control of Singular System Based on Stochastic Cyber-Attacks and Dynamic Event-Triggered Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-7	7.3	8
32	Fully Distributed Event-Triggered Vehicular Platooning With Actuator Uncertainties. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 6601-6612	6.8	8
31	Fuzzy-Dependent-Switching Control of Nonlinear Systems With Aperiodic Sampling. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	6
30	Distributed Adaptive Event-Triggered Control and Stability Analysis for Vehicular Platoon. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 1627-1638	6.1	6
29	Dissipativity-based filter design for Markov jump systems with packet loss compensation. <i>Automatica</i> , <b>2021</b> , 133, 109843	5.7	6
28	Distributed Event-Triggered Control for Cooperative Output Regulation of Multiagent Systems With an Online Estimation Algorithm. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	5
27	Robust H $\infty$ Filtering for Uncertain Nonlinear Stochastic Systems with Mode-dependent Time-delays and Markovian Jump Parameters. <i>Circuits, Systems, and Signal Processing</i> , <b>2011</b> , 30, 303-321	2.2	5
26	Distributed Formation Control of Nonholonomic Wheeled Mobile Robots Subject to Longitudinal Slippage Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2992-3003	7.3	5
25	Distributed regular polygon formation control and obstacle avoidance for non-holonomic wheeled mobile robots with directed communication topology. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1113-1122	3.5	4
24	Distributed Event-Triggered Consensus of General Linear Multiagent Systems Under Directed Graphs. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	4
23	Reliable Control for Flexible Spacecraft Systems With Aperiodic Sampling and Stochastic Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	4
22	Almost surely state estimation for multi-rate networked systems under random and malicious packet losses. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 10593-10607	4	4
21	Compensation-Based Output Feedback Control for Fuzzy Markov Jump Systems With Random Packet Losses. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
20	Nonlinear State Estimation With Multisensor Stochastic Scheduling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-11	7.3	3
19	Aperiodic Sampled-Data Takagi-Sugeno Fuzzy Extended State Observer for A Class of Uncertain Nonlinear Systems with External Disturbance and Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	3
18	Novel Extended State Observer Design for Uncertain Nonlinear Systems via Refined Dynamic Event-Triggered Communication Protocol.. <i>IEEE Transactions on Cybernetics</i> , <b>2022</b> , PP,	10.2	3
17	Distributed localization of multi-agent systems with imperfect channels based on iterative learning. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	2
16	Finite-time dynamic event-triggered distributed H-infinity filtering for T-S fuzzy systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	2

15	. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	2
14	Interval Type-2 Fuzzy Control for HMM-Based Multiagent Systems Via Dynamic Event-Triggered Scheme. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	2
13	Distributed localization for dynamic multi-agent systems with randomly varying trajectory lengths. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	2
12	Output-Feedback Adaptive Control of Nonlinear Systems With Input-Output-Dependent Lower-Triangular Growth Rate: A Logic-Based Switching Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-10	7.3	1
11	Stochastic Event-Based Distributed Fusion Estimation Over Sensor Networks With Fading Channel. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-10	3.9	1
10	Event-Triggered Consensus of Multiagent Systems With Time-Varying Communication Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-15	7.3	1
9	Leader-Following and Leaderless Consensus of Linear Multiagent Systems Under Directed Graphs by Double Dynamic Event-Triggered Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-13	7.3	0
8	Distributed Control of Nonholonomic Robots Without Global Position Measurements Subject to Unknown Slippage Constraints. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 9, 354-364	7	0
7	Adaptive event based predictive lateral following control for unmanned ground vehicle system. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 4744-4763	3.6	0
6	A Class of Optimal Switching Mixed Data Injection Attack in Cyber-Physical Systems. <i>IEEE Robotics and Automation Letters</i> , <b>2021</b> , 6, 1598-1605	4.2	0
5	Distributed Dimensionality Reduction Fusion Estimation for Stochastic Uncertain Systems With Fading Measurements Subject to Mixed Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-12	7.3	0
4	Quantized robust H-two filtering for Markovian jump linear systems over networks with nonaccessible mode information. <i>Journal of Control Theory and Applications</i> , <b>2011</b> , 9, 505-512		
3	A GEVP formulation for robust predictor feedback controller design of linear systems with uncertain input delay. <i>International Journal of Systems Science</i> , 1-13	2.3	
2	Tight Upper Bound for the Scrambling Constant of Uniformly Jointly Connected Directed Graphs With Application to Consensus of Multiagent Systems. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 1082-1092	4	
1	Dynamic Event-Triggered Control of Singularity-Perturbed Dynamic Networks and Its Application. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	