

Huai-Cheng Yan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/237217/huai-cheng-yan-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

196 papers	5,231 citations	39 h-index	66 g-index
244 ext. papers	6,702 ext. citations	5.3 avg, IF	6.87 L-index

#	Paper	IF	Citations
196	Observer-Based Output Feedback Event-Triggered Control for Consensus of Multi-Agent Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 4885-4894	8.9	349
195	Finite-Time Event-Triggered \mathcal{H}_{∞} Control for T Σ Fuzzy Markov Jump Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3122-3135	8.3	336
194	Adaptive Event-Triggering \mathcal{H}_{∞} Load Frequency Control for Network-Based Power Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 1685-1694	8.9	177
193	Codesign of Event-Triggered and Distributed \mathcal{H}_{∞} Filtering for Active Semi-Vehicle Suspension Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017 , 22, 1047-1058	5.5	141
192	\mathcal{H}_{∞} Fault Detection for Networked Mechanical Spring-Mass Systems With Incomplete Information. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 5622-5631	8.9	137
191	Reliable Fuzzy Tracking Control of Near-Space Hypersonic Vehicle Using Aperiodic Measurement Information. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 9439-9447	8.9	128
190	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 312-321	11.9	117
189	Adaptive Event-Triggered Fuzzy Control for Uncertain Active Suspension Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4388-4397	10.2	117
188	Robust cooperative output regulation of multi-agent systems via adaptive event-triggered control. <i>Automatica</i> , 2019 , 102, 129-136	5.7	116
187	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> , 2018 , 29, 3588-3598	10.3	116
186	Input-Output finite-time mean square stabilization of nonlinear semi-Markovian jump systems. <i>Automatica</i> , 2019 , 104, 82-89	5.7	94
185	Reliable Control of Fuzzy Singularly Perturbed Systems and Its Application to Electronic Circuits. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 3519-3528	3.9	91
184	Reliable Intelligent Path Following Control for a Robotic Airship Against Sensor Faults. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 2572-2582	5.5	89
183	Adaptive Event-Triggered Transmission Scheme and \mathcal{H}_{∞} Filtering Co-Design Over a Filtering Network With Switching Topology. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4296-4307	10.2	85
182	\mathcal{H}_{∞} Filtering for nonlinear networked systems with randomly occurring distributed delays, missing measurements and sensor saturation. <i>Information Sciences</i> , 2016 , 370-371, 772-782	7.7	84
181	\mathcal{H}_{∞} Output Tracking Control for Networked Systems With Adaptively Adjusted Event-Triggered Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2050-2058	7.3	82
180	\mathcal{H}_{∞} Consensus of event-based multi-agent systems with switching topology. <i>Information Sciences</i> , 2016 , 370-371, 623-635	7.7	81

179	. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 1153-1162	8.3	81
178	Fuzzy Output Tracking Control and Filtering for Nonlinear Discrete-Time Descriptor Systems Under Unreliable Communication Links. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2369-2379	10.2	81
177	Adaptive Consensus-Based Distributed Target Tracking With Dynamic Cluster in Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1580-1591	10.2	76
176	A Novel Sliding Mode Estimation for Microgrid Control With Communication Time Delays. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 1509-1520	10.7	72
175	Decentralized event-triggered consensus control for second-order multi-agent systems. <i>Neurocomputing</i> , 2014 , 133, 18-24	5.4	70
174	Distributed H_∞ 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> , 2018 , 48, 2047-2057	7.3	69
173	Quantized Output Feedback Control for Stochastic Semi-Markov Jump Systems With Unreliable Links. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1998-2002	3.5	60
172	L2 control design of event-triggered networked control systems with quantizations. <i>Journal of the Franklin Institute</i> , 2015 , 352, 332-345	4	58
171	Observer-based H_2 control for discrete-time stochastic systems with quantisation and random communication delays. <i>IET Control Theory and Applications</i> , 2013 , 7, 372-379	2.5	57
170	Fuzzy Controller Design for Nonlinear Impulsive Fuzzy Systems With Time Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 844-856	8.3	53
169	Notice of Violation of IEEE Publication Principles: An Adaptive Event-Triggered Synchronization Approach for Chaotic Lur \ddot{B} Systems Subject to Aperiodic Sampled Data. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 442-446	3.5	52
168	Improved inequality-based functions approach for stability analysis of time delay system. <i>Automatica</i> , 2019 , 108, 108416	5.7	50
167	Event-Based Security Control for Stochastic Networked Systems Subject to Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4643-4654	7.3	49
166	Sampled-data control of nonlinear networked systems with time-delay and quantization. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 919-933	3.6	47
165	Stability Analysis for Delayed Neural Networks via Improved Auxiliary Polynomial-Based Functions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2562-2568	10.3	46
164	Distributed Dissipative State Estimation for Markov Jump Genetic Regulatory Networks Subject to Round-Robin Scheduling. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 762-771	10.3	46
163	Fuzzy Control and Filtering for Nonlinear Singularly Perturbed Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 297-308	10.2	46
162	Event-triggered . <i>Neurocomputing</i> , 2015 , 157, 273-279	5.4	45

161	Finite-Time H_{∞} Filtering for State-Dependent Uncertain Systems With Event-Triggered Mechanism and Multiple Attacks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 1021-1034	3.9	45
160	Dynamic output-feedback control of linear semi-Markov jump systems with incomplete semi-Markov kernel. <i>Automatica</i> , 2020 , 117, 108997	5.7	44
159	Distributed average filtering for sensor networks with sensor saturation. <i>IET Control Theory and Applications</i> , 2013 , 7, 887-893	2.5	41
158	Event-Triggered H_{∞} State Estimation of 2-DOF Quarter-Car Suspension Systems With Nonhomogeneous Markov Switching. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3320-3329	7.3	40
157	Distributed H_{∞} 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> , 2018 , 48, 2263-2270	7.3	39
156	Consensus of multi-agent systems with linear dynamics using event-triggered control. <i>IET Control Theory and Applications</i> , 2014 , 8, 2275-2281	2.5	39
155	Delay-range-dependent robust H_2 control for uncertain systems with interval time-varying delays. <i>Neurocomputing</i> , 2010 , 73, 1235-1243	5.4	38
154	Consensus of Linear Multiagent Systems With Input-Based Triggering Condition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2308-2317	7.3	37
153	Multitarget Tracking Control for Coupled Heterogeneous Inertial Agents Systems Based on Flocking Behavior. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2605-2611	7.3	37
152	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> , 2021 , 29, 1052-1064	8.3	37
151	Modified tracking performance limitation of networked time-delay systems with two-channel constraints. <i>Journal of the Franklin Institute</i> , 2019 , 356, 6401-6418	4	35
150	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> , 2018 , 29, 4347-4358	10.3	34
149	Optimal Tracking Performance of NCSs with Time-delay and Encoding-decoding Constraints. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 1012-1022	2.9	34
148	Analysis of optimal performance of MIMO networked control systems with encoding and packet dropout constraints. <i>IET Control Theory and Applications</i> , 2020 , 14, 1762-1768	2.5	33
147	Approximation-Based Adaptive Tracking Control for Switched Stochastic Strict-Feedback Nonlinear Time-Delay Systems With Sector-Bounded Quantization Input. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2145-2157	7.3	32
146	Distributed event-triggered H_2 state estimation for TS fuzzy systems over filtering networks. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3760-3779	4	31
145	Stability analysis of linear systems with time-varying delay via intermediate polynomial-based functions. <i>Automatica</i> , 2020 , 113, 108756	5.7	31
144	Robust H_2 exponential filtering for uncertain stochastic time-delay systems with Markovian switching and nonlinearities. <i>Applied Mathematics and Computation</i> , 2010 , 215, 4358-4369	2.7	29

143	Active Full-Vehicle Suspension Control via Cloud-Aided Adaptive Backstepping Approach. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3113-3124	10.2	29
142	Stability and Stabilization With Additive Freedom for Delayed Takagi-Sugeno Fuzzy Systems by Intermediary-Polynomial-Based Functions. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 692-705	8.3	28
141	Distributed event-triggered control for consensus of multi-agent systems. <i>Journal of the Franklin Institute</i> , 2015 , 352, 3476-3488	4	25
140	Hybrid Event-Based Leader-Following Consensus of Nonlinear Multiagent Systems With Semi-Markov Jump Parameters. <i>IEEE Systems Journal</i> , 2020 , 1-12	4.3	25
139	A Dynamic Event-Triggered Approach to State Estimation for Switched Memristive Neural Networks With Nonhomogeneous Sojourn Probabilities. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-11	3.9	24
138	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1081-1092	8.3	24
137	Dynamic Event-Triggered Asynchronous Control for Nonlinear Multiagent Systems Based on TS Fuzzy Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	23
136	Linear active disturbance rejection control approach for load frequency control of two-area interconnected power system. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 1562-1570	1.8	23
135	Formation Control of Multiple Mobile Robots Incorporating an Extended State Observer and Distributed Model Predictive Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4587-4597	7.3	23
134	Improved Stability Analysis for Delayed Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4535-4541	10.3	23
133	Observed-Based Asynchronous Control of Linear Semi-Markov Jump Systems With Time-Varying Mode Emission Probabilities. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3147-3151	3.5	21
132	Resilient Routing Mechanism for Wireless Sensor Networks With Deep Learning Link Reliability Prediction. <i>IEEE Access</i> , 2020 , 8, 64857-64872	3.5	21
131	Stability Analysis for Systems With Time Delays via New Integral Inequalities. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2495-2501	7.3	21
130	Delay-dependent stability criteria for a class of networked control systems with multi-input and multi-output?. <i>Chaos, Solitons and Fractals</i> , 2007 , 34, 997-1005	9.3	21
129	Multisubspace Elastic Network for Multimode Quality-Related Process Monitoring. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 5874-5883	11.9	21
128	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1233-1243	7.3	21
127	Dynamic Event-Triggered Fault Detection via Zonotopic Residual Evaluation and Its Application to Vehicle Lateral Dynamics. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6952-6961	11.9	20
126	Adaptive Event-Triggered Predictive Control for Finite Time Microgrid. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 1035-1044	3.9	20

125	Event-Based H_{∞} Fault Detection for Buck Converter With Multiplicative Noises Over Network. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 2361-2370	3.9	19
124	Tracking Performance Limitations of MIMO Networked Control Systems With Multiple Communication Constraints. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2982-2995	10.2	19
123	Dissipativity Analysis for Neural Networks With Time-Varying Delays via a Delay-Product-Type Lyapunov Functional Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 975-984	10.3	19
122	A3C-Based Intelligent Event-Triggering Control of Networked Nonlinear Unmanned Marine Vehicles Subject to Hybrid Attacks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-14	6.1	18
121	Maneuvering Target Tracking With Event-Based Mixture Kalman Filter in Mobile Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4346-4357	10.2	18
120	Resilient Static Output Feedback Control of Linear Semi-Markov Jump Systems With Incomplete Semi-Markov Kernel. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4274-4281	5.9	17
119	Bifurcation and Control for a Predator-Prey System With Two Delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 376-380	3.5	16
118	Fixed-time Group Consensus of Nonlinear Multi-agent Systems via Pinning Control. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 200-208	2.9	16
117	Single-Input Pinning Controller Design for Reachability of Boolean Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3264-3269	10.3	15
116	Performance Analysis of NCSs Under Channel Noise and Bandwidth Constraints. <i>IEEE Access</i> , 2020 , 8, 20279-20288	3.5	15
115	Bipartite Consensus for Second Order Multi-Agent Systems With Exogenous Disturbance via Pinning Control. <i>IEEE Access</i> , 2019 , 7, 186563-186571	3.5	15
114	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> , 2021 , 29, 310-321	8.3	15
113	Event-based control for networked T-S fuzzy cascade control systems with quantization and cyber attacks. <i>Journal of the Franklin Institute</i> , 2019 , 356, 9451-9473	4	14
112	Distributed bipartite tracking consensus of nonlinear multi-agent systems with quantized communication. <i>Neurocomputing</i> , 2020 , 395, 78-85	5.4	14
111	Fixed-Time Bipartite Containment of Multi-Agent Systems Subject to Disturbance. <i>IEEE Access</i> , 2020 , 8, 77679-77688	3.5	14
110	Event-Triggered Approximate Optimal Path-Following Control for Unmanned Surface Vehicles With State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	14
109	Observer-based event-triggered tracking consensus of non-ideal general linear multi-agent systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 10355-10367	4	13
108	Observer-based decentralized event-triggered H_2 control for networked systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3744-3759	4	13

107	Bipartite Finite Time and Fixed Time Output Consensus of Heterogeneous Multiagent Systems Under State Feedback Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2067-2071	3.5	13
106	Extended Dissipative Filtering for Persistent Dwell-Time Switched Systems With Packet Dropouts. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4796-4806	7.3	13
105	Consensus Tracking for Heterogeneous Interdependent Group Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1752-1760	10.2	13
104	Stability Analysis and Control for Switched System With Bounded Actuators. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4506-4512	7.3	13
103	Performance limitations of networked control systems with quantization and packet dropouts. <i>ISA Transactions</i> , 2017 , 67, 98-106	5.5	12
102	On the achievable tracking performance of NCSs over SNR limited channels. <i>Journal of the Franklin Institute</i> , 2019 , 356, 3353-3367	4	12
101	Performance of SIMO Networked Time-Delay Systems With Encoding/Decoding and Quantization Constraints. <i>IEEE Access</i> , 2020 , 8, 55125-55134	3.5	12
100	Active Suspension System Control With Decentralized Event-Triggered Scheme. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10798-10808	8.9	12
99	Observed-Based Finite-Time Control of Nonlinear Semi-Markovian Jump Systems With Saturation Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	11
98	New delay-dependent stability criteria of uncertain linear systems with multiple time-varying state delays. <i>Chaos, Solitons and Fractals</i> , 2008 , 37, 157-165	9.3	11
97	Ultimate Boundedness Control for Networked Singularly Perturbed Systems with Deception Attacks: A Markovian Communication Protocol Approach. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	11
96	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5330-5337	7.3	11
95	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> , 2021 , 68, 856-867	3.9	11
94	Optimal modified tracking performance for MIMO networked control systems with communication constraints. <i>ISA Transactions</i> , 2017 , 68, 14-21	5.5	10
93	A generalized double integral inequalities approach to stability analysis for time-delay systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3455-3471	4	9
92	An Adaptive Model Predictive Control Strategy for Nonlinear Distributed Parameter Systems using the Type-2 Takagi-Sugeno Model. <i>International Journal of Fuzzy Systems</i> , 2016 , 18, 792-805	3.6	9
91	Dynamic Event-Triggered Output Feedback Control for Load Frequency Control in Power Systems With Multiple Cyber Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-13	7.3	9
90	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> , 2020 , 1-1	8.3	9

89	H ∞ filtering for T Σ fuzzy networked systems with stochastic multiple delays and sensor faults. <i>Neurocomputing</i> , 2016 , 207, 590-598	5.4	9
88	Fault Detection Filtering Design for Discrete-Time Interval Type-2 T Σ Fuzzy Systems in Finite Frequency Domain. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 213-225	8.3	9
87	Asynchronous Output Feedback Control of Hidden Semi-Markov Jump Systems With Random Mode-Dependent Delays. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	9
86	Adaptive quantised control of switched stochastic strict-feedback non-linear systems with asymmetric input saturation. <i>IET Control Theory and Applications</i> , 2018 , 12, 1367-1375	2.5	9
85	Consensus of second-order heterogeneous multi-agent systems with and without input saturation. <i>ISA Transactions</i> , 2021 ,	5.5	9
84	Adaptive bipartite output consensus for heterogeneous multi-agent systems with quantized information: A fixed-time approach. <i>Journal of the Franklin Institute</i> , 2021 , 358, 7221-7236	4	9
83	H ∞ Control of Singular System Based on Stochastic Cyber-Attacks and Dynamic Event-Triggered Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-7	7.3	8
82	Self-triggered output feedback control for consensus of multi-agent systems. <i>Neurocomputing</i> , 2016 , 190, 179-187	5.4	8
81	Optimal tracking performance for SIMO systems with packet dropouts and control energy constraints. <i>IET Control Theory and Applications</i> , 2018 , 12, 1714-1721	2.5	8
80	Toward Packet Routing With Fully Distributed Multiagent Deep Reinforcement Learning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-14	7.3	8
79	Tracking Performance Limitations of Networked Control Systems With Repeated Zeros and Poles. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1902-1909	5.9	8
78	Further results on stabilization for interval time-delay systems via new integral inequality approach. <i>ISA Transactions</i> , 2017 , 68, 170-180	5.5	7
77	Delay-range-dependent robust H ∞ filtering for uncertain systems with interval time-varying delays. <i>Asian Journal of Control</i> , 2011 , 13, 356-360	1.7	7
76	Bipartite Average Tracking for Multi-Agent Systems With Disturbances: Finite-Time and Fixed-Time Convergence. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 4393-4402	3.9	7
75	A New Looped Functional to Synchronize Neural Networks With Sampled-Data Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	6
74	Fuzzy-Dependent-Switching Control of Nonlinear Systems With Aperiodic Sampling. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	6
73	Distributed Adaptive Event-Triggered Control and Stability Analysis for Vehicular Platoon. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 1627-1638	6.1	6
72	Dissipativity-based filter design for Markov jump systems with packet loss compensation. <i>Automatica</i> , 2021 , 133, 109843	5.7	6

71	Robust H _∞ Filtering for Uncertain Nonlinear Stochastic Systems with Mode-dependent Time-delays and Markovian Jump Parameters. <i>Circuits, Systems, and Signal Processing</i> , 2011 , 30, 303-321	2.2	5
70	Bipartite containment of descriptor multi-agent systems via an observer-based approach. <i>IET Control Theory and Applications</i> , 2020 , 14, 3047-3051	2.5	5
69	Distributed event-triggered consensus control for leaderless heterogeneous multiagent systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 3219-3234	4	5
68	Output Tracking Control of Single-Input-Multioutput Systems Over an Erasure Channel. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	5
67	Output-Feedback Control for Fuzzy Singularly Perturbed Systems: A Nonhomogeneous Stochastic Communication Protocol Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	5
66	Optimal input design for uncertain max-plus linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 4816-4830	3.6	4
65	Nonstationary Filtering for Fuzzy Markov Switching Affine Systems With Quantization Effects and Deception Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-10	7.3	4
64	Distributed Estimator-Based Fixed-Time Bipartite Consensus of Multiple Euler-Lagrange Systems Over a Signed Digraph. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	4
63	Reliable Control for Flexible Spacecraft Systems With Aperiodic Sampling and Stochastic Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
62	Almost surely state estimation for multi-rate networked systems under random and malicious packet losses. <i>Journal of the Franklin Institute</i> , 2019 , 356, 10593-10607	4	4
61	Compensation-Based Output Feedback Control for Fuzzy Markov Jump Systems With Random Packet Losses. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
60	BLF-Based Neuroadaptive Fault-Tolerant Control for Nonlinear Vehicular Platoon With Time-Varying Fault Directions and Distance Restrictions. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-11	6.1	4
59	Output Tracking Control Performance of Discrete Networked Systems Over Erasure Channel With Model Uncertainty. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
58	Leader-follower close formation control for underactuated surface vessel via terminal hierarchical sliding mode. <i>International Journal of Advanced Robotic Systems</i> , 2020 , 17, 172988142092101	1.4	3
57	Event-Triggered H _∞ Control for Networked Control Systems with Time-Varying Delay. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	3
56	Quantized H _∞ Control for Networked Systems with Communication Constraints. <i>Asian Journal of Control</i> , 2013 , 15, n/a-n/a	1.7	3
55	Bipartite output regulation for singular heterogeneous multi-agent systems on signed graph. <i>Asian Journal of Control</i> ,	1.7	3
54	Model predictive control with feedback correction for optimal energy dispatch of a networked microgrid. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 1540-1552	1.8	3

53	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> , 2021 , 1-1	8.3	3
52	Stability analysis of networked control systems under DoS attacks in frequency domain via game theory strategy. <i>International Journal of Systems Science</i> , 1-13	2.3	3
51	Finite-time stabilization of Markov switching singularly perturbed models. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	3
50	Novel Extended State Observer Design for Uncertain Nonlinear Systems via Refined Dynamic Event-Triggered Communication Protocol.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	3
49	Event-triggered output feedback H _∞ control for networked control systems with time-varying sampling and packet losses 2017 ,		2
48	Output regulation of asynchronously switched multi-agent systems by adaptive observer-based control 2017 ,		2
47	Design and optimization of a novel fast distributed Kalman consensus filtering algorithm. <i>Optimal Control Applications and Methods</i> , 2020 , 41, 2062-2076	1.7	2
46	Bipartite containment for linear multi-agent systems subject to unknown exogenous disturbances. <i>Asian Journal of Control</i> ,	1.7	2
45	Leader-following consensus of multi-agent systems via event-triggered H _∞ control with Markovian switching topology 2016 ,		2
44	Optimal Tracking Performance Analysis of MIMO Control Systems Under Multiple Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	2
43	Finite-time dynamic event-triggered distributed H-infinity filtering for T-S fuzzy systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	2
42	Interval Type-2 Fuzzy Control for HMM-Based Multiagent Systems Via Dynamic Event-Triggered Scheme. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	2
41	Distributed localization for dynamic multi-agent systems with randomly varying trajectory lengths. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
40	Multiobjective Path Optimization for Arc Welding Robot Based on DMOEA/D-ET Algorithm and Proxy Model. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-13	5.2	2
39	Adaptive Bipartite Output Consensus for Heterogeneous Multi-agent Systems via State/Output Feedback Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	2
38	Leader-following bipartite consensus of multiple uncertain Euler-Lagrange systems under deception attacks. <i>Applied Mathematics and Computation</i> , 2022 , 428, 127227	2.7	2
37	Distributed adaptive finite-time bipartite containment control of linear multi-agent systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	2
36	Stabilisation for cascade of nonlinear ODEs and counter-convecting transport dynamics. <i>International Journal of Systems Science</i> , 2019 , 50, 2053-2062	2.3	1

35	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> , 2019 , 1-10	7.3	1
34	Self-triggered consensus control for multi-agent systems 2013 ,		1
33	Sliding mode estimation-based control for stochastic time delays in networked micorgrid 2017 ,		1
32	Stochastic Event-Based Distributed Fusion Estimation Over Sensor Networks With Fading Channel. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-10	3.9	1
31	Dynamic event-triggered consensus for discrete-time multi-agent systems 2021 ,		1
30	A Machine-learning-enabled Context-driven Control Mechanism for Software-defined Smart Home Networks. <i>Sensors and Materials</i> , 2019 , 31, 2103	1.5	1
29	False data injection attack on distributed state estimation over a wireless sensor network 2016 ,		1
28	Dynamic positioning for underactuated surface vessel via L1 adaptive backstepping control. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 355-370	1.8	1
27	Finite-time dissipative control for networked control systems with hybrid-triggered scheme. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 891-901	1.8	1
26	Event-Triggered Consensus of Multiagent Systems With Time-Varying Communication Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	1
25	Sliding Mode Observer(SMO)Based Adaptive Backstepping Control for a Multi-Vectored Propeller Airship[1] 2018 ,		1
24	Distributed Set-Membership Estimation for State-Saturated Systems With Mixed Time-Delays via A Dynamic Event-Triggered Scheme. <i>Journal of the Franklin Institute</i> , 2021 , 358, 10079-10079	4	1
23	An Estimator-Based Dynamic Event-Triggered Protocol for Linear Multiagent Systems 2022 , 6, 2629-2634		1
22	Distributed Edge Event-triggered Control of Nonlinear Fuzzy Multi-agent Systems with Saturation Constraint Hybrid Impulsive Protocols. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	0
21	Component-based dynamic event-triggered control for nonlinear singularly perturbed systems: A gain-scheduling method. <i>Information Sciences</i> , 2022 , 593, 415-415	7.7	0
20	Event-triggered adaptive finite-time control for nonlinear systems under asymmetric time-varying state constraints. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 1610	2.2	0
19	Optimal Tracking Control of Networked Systems Subject to Model Uncertainty and Additive Colored Gaussian Noise. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	0
18	Two-sided looped functional based sampled data control for semi-Markovian jump systems with complex transition rates. <i>Automatica</i> , 2021 , 134, 109891	5.7	0

17	Performance analysis method for NCSs with coding and quantization constraints. <i>ISA Transactions</i> , 2020 , 107, 287-293	5.5	o
16	LSTM-Based Intelligent Fault Detection for Fuzzy Markov Jump Systems and Its Application to Tunnel Diode Circuits. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	o
15	Loop Closure Detection based on Image Covariance Matrix Matching for Visual SLAM. <i>International Journal of Control, Automation and Systems</i> , 1	2.9	o
14	Tracking and Regulation Performance Limitations of Networked Control Systems over Erasure Channel with Input Quantization. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	o
13	Multi-Module Decision Fusion in Operational Status Monitoring. <i>IEEE Transactions on Control Systems Technology</i> , 2022 , 1-13	4.8	o
12	Improved Fragmentation Looped-Functional for Synchronization of Chaotic LurĒ Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	o
11	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> , 2022 , 1-12	7.3	o
10	Fuzzy H Sliding Mode Control of Persistent Dwell-Time Switched Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	o
9	Formation-containment control of heterogeneous linear multi-agent systems with adaptive event-triggered strategies. <i>International Journal of Systems Science</i> , 1-16	2.3	o
8	Optimal Distributed Controller Design for Nonlinear Coupled Dynamical Networks. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	
7	Approximate solution to optimal linear quadratic Gaussian control over non-acknowledgment networks. <i>Journal of the Franklin Institute</i> , 2020 , 357, 2049-2066	4	
6	Multi-rate Layered Operational Optimal Control for Large-Scale Industrial Processes. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	
5	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> , 2021 , 8, 1082-1092	4	
4	Fault detection filtering for continuous-time singular systems under a dynamic event-triggered mechanism. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022 ,	2.8	
3	Generalized Fuzzy Extended State Observer Design for Uncertain Nonlinear Systems: An Improved Dynamic Event-Triggered Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	
2	Dynamic Event-Triggered Control of Singularity-Perturbed Dynamic Networks and Its Application. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	
1	A Novel Global Set-Membership Filtering Approach for Localization of Automatic Guided Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	