Hongyi Li

List of Publications by Year
in descending order

164 papers	17,868 citations	8755 75 h-index	12946 131 g-index
164 all docs	164 docs citations	164 times ranked	6342 citing authors

#	Article	IF	Citations
1	Adaptive Sliding-Mode Control for Nonlinear Active Suspension Vehicle Systems Using T–S Fuzzy Approach. IEEE Transactions on Industrial Electronics, 2013, 60, 3328-3338.	7.9	623
2	Fault-tolerant control of Markovian jump stochastic systems via the augmented sliding mode observer approach. Automatica, 2014, 50, 1825-1834.	5.0	515
3	Observer-based adaptive sliding mode control for nonlinear Markovian jump systems. Automatica, 2016, 64, 133-142.	5.0	491
4	Output-Feedback-Based H_{∞} Control for Vehicle Suspension Systems With Control Delay. IEEE Transactions on Industrial Electronics, 2014, 61, 436-446.	7.9	458
5	Event-triggered sliding mode control of stochastic systems via output feedback. Automatica, 2017, 82, 79-92.	5.0	455
6	Adaptive finite-time tracking control of full state constrained nonlinear systems with dead-zone. Automatica, 2019, 100, 99-107.	5.0	437
7	Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Input Saturation and Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1-12.	9.3	360
8	Adaptive Sliding-Mode Control of Markov Jump Nonlinear Systems With Actuator Faults. IEEE Transactions on Automatic Control, 2017, 62, 1933-1939.	5.7	338
9	Observer-Based Fault Detection for Nonlinear Systems With Sensor Fault and Limited Communication Capacity. IEEE Transactions on Automatic Control, 2016, 61, 2745-2751.	5.7	335
10	Fuzzy Sampled-Data Control for Uncertain Vehicle Suspension Systems. IEEE Transactions on Cybernetics, 2014, 44, 1111-1126.	9.5	314
11	Observer-Based Adaptive Neural Network Control for Nonlinear Stochastic Systems With Time Delay. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 71-80.	11.3	312
12	Control of Nonlinear Networked Systems With Packet Dropouts: Interval Type-2 Fuzzy Model-Based Approach. IEEE Transactions on Cybernetics, 2015, 45, 2378-2389.	9.5	305
13	Control Design for Interval Type-2 Fuzzy Systems Under Imperfect Premise Matching. IEEE Transactions on Industrial Electronics, 2014, 61, 956-968.	7.9	301
14	Event-Triggered Fault Detection of Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 1041-1052.	9.5	297
15	Switching Stabilization for a Class of Slowly Switched Systems. IEEE Transactions on Automatic Control, 2015, 60, 221-226.	5.7	295
16	Adaptive Neural Network Tracking Control for Robotic Manipulators With Dead Zone. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3611-3620.	11.3	284
17	Adaptive Fault-Tolerant Tracking Control for Discrete-Time Multiagent Systems via Reinforcement Learning Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 1163-1174.	9.5	280
18	Adaptive Fuzzy Backstepping Tracking Control for Strict-Feedback Systems With Input Delay. IEEE Transactions on Fuzzy Systems, 2017, 25, 642-652.	9.8	268

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19	Adaptive Sliding Mode Control for Interval Type-2 Fuzzy Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1654-1663.	9.3	267
20	Event-Triggered Adaptive Tracking Control for Multiagent Systems With Unknown Disturbances. IEEE Transactions on Cybernetics, 2020, 50, 890-901.	9.5	259
21	Adaptive Fuzzy Control of Nonlinear Systems With Unmodeled Dynamics and Input Saturation Using Small-Gain Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1979-1989.	9.3	258
22	Observer-Based Fuzzy Control for Nonlinear Networked Systems Under Unmeasurable Premise Variables. IEEE Transactions on Fuzzy Systems, 2016, 24, 1233-1245.	9.8	246
23	Event-Triggered Consensus Control for Multi-Agent Systems Against False Data-Injection Attacks. IEEE Transactions on Cybernetics, 2020, 50, 1856-1866.	9.5	239
24	Adaptive Fuzzy Event-Triggered Control for Stochastic Nonlinear Systems With Full State Constraints and Actuator Faults. IEEE Transactions on Fuzzy Systems, 2019, 27, 2242-2254.	9.8	228
25	Fault Detection for T-S Fuzzy Time-Delay Systems: Delta Operator and Input-Output Methods. IEEE Transactions on Cybernetics, 2015, 45, 229-241.	9.5	225
26	Adaptive Neural Control of Uncertain Nonstrict-Feedback Stochastic Nonlinear Systems with Output Constraint and Unknown Dead Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2048-2059.	9.3	225
27	Output-Feedback Based Sliding Mode Control for Fuzzy Systems With Actuator Saturation. IEEE Transactions on Fuzzy Systems, 2016, 24, 1282-1293.	9.8	217
28	Filtering of Interval Type-2 Fuzzy Systems With Intermittent Measurements. IEEE Transactions on Cybernetics, 2016, 46, 668-678.	9.5	214
29	Adaptive event-triggered control for a class of nonlinear systems with periodic disturbances. Science China Information Sciences, 2020, 63, 1.	4.3	207
30	Adaptive Fuzzy Control of Stochastic Nonstrict-Feedback Nonlinear Systems With Input Saturation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2185-2197.	9.3	206
31	Model reduction for interval type-2 Takagi–Sugeno fuzzy systems. Automatica, 2015, 61, 308-314.	5.0	197
32	Prescribed Performance Observer-Based Adaptive Fuzzy Control for Nonstrict-Feedback Stochastic Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1747-1758.	9.3	197
33	Accurate Trajectory Tracking of Disturbed Surface Vehicles: A Finite-Time Control Approach. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1064-1074.	5.8	195
34	Event-Triggered Control for Multiagent Systems With Sensor Faults and Input Saturation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3855-3866.	9.3	194
35	Adaptive Output Feedback Control for Nonlinear Time-Delay Systems by Fuzzy Approximation Approach. IEEE Transactions on Fuzzy Systems, 2013, 21, 301-313.	9.8	192
36	Adaptive Event-Triggered Fuzzy Control for Uncertain Active Suspension Systems. IEEE Transactions on Cybernetics, 2019, 49, 4388-4397.	9.5	185

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37	Optimal Guaranteed Cost Sliding-Mode Control of Interval Type-2 Fuzzy Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 246-257.	9.8	182
38	Filter Design for Interval Type-2 Fuzzy Systems With <italic>D</italic> Stability Constraints Under a Unified Frame. IEEE Transactions on Fuzzy Systems, 2015, 23, 719-725.	9.8	179
39	Adaptive Sliding Mode Control for Takagiâ€"Sugeno Fuzzy Systems and Its Applications. IEEE Transactions on Fuzzy Systems, 2018, 26, 531-542.	9.8	177
40	Relaxed Control Design of Discrete-Time Takagiâ€"Sugeno Fuzzy Systems: An Event-Triggered Real-Time Scheduling Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2251-2262.	9.3	175
41	Distributed Sliding-Mode Tracking Control of Second-Order Nonlinear Multiagent Systems: An Event-Triggered Approach. IEEE Transactions on Cybernetics, 2020, 50, 3892-3902.	9.5	170
42	Finite-Time Consensus Tracking Neural Network FTC of Multi-Agent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 653-662.	11.3	166
43	PDE Model-Based Boundary Control Design for a Flexible Robotic Manipulator With Input Backlash. IEEE Transactions on Control Systems Technology, 2019, 27, 790-797.	5.2	165
44	Observer-Based Composite Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Actuator Failures. IEEE Transactions on Fuzzy Systems, 2018, 26, 2336-2347.	9.8	161
45	Observer-Based Event-Triggered Adaptive Decentralized Fuzzy Control for Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 1201-1214.	9.8	159
46	Adaptive Reinforcement Learning Neural Network Control for Uncertain Nonlinear System With Input Saturation. IEEE Transactions on Cybernetics, 2020, 50, 3433-3443.	9.5	159
47	A sliding mode approach to stabilization of nonlinear Markovian jump singularly perturbed systems. Automatica, 2018, 97, 404-413.	5.0	153
48	Event-Triggered Adaptive Control of Saturated Nonlinear Systems With Time-Varying Partial State Constraints. IEEE Transactions on Cybernetics, 2020, 50, 1485-1497.	9.5	148
49	Adaptive Fuzzy Control for Nonlinear Networked Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2420-2430.	9.3	143
50	State and Output Feedback Control of Interval Type-2 Fuzzy Systems With Mismatched Membership Functions. IEEE Transactions on Fuzzy Systems, 2015, 23, 1943-1957.	9.8	141
51	Cooperative Adaptive Event-Triggered Control for Multiagent Systems With Actuator Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1759-1768.	9.3	141
52	Adaptive Fuzzy Full-State and Output-Feedback Control for Uncertain Robots With Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6994-7007.	9.3	140
53	Event-Triggered Sliding Mode Control of Discrete-Time Markov Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2016-2025.	9.3	136
54	Adaptive Fuzzy Control for Nonstrict Feedback Systems With Unmodeled Dynamics and Fuzzy Dead Zone via Output Feedback. IEEE Transactions on Cybernetics, 2017, 47, 2400-2412.	9.5	134

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55	Input–output finite-time mean square stabilization of nonlinear semi-Markovian jump systems. Automatica, 2019, 104, 82-89.	5.0	134
56	Event-Triggered Control for Nonlinear Systems Under Unreliable Communication Links. IEEE Transactions on Fuzzy Systems, 2017, 25, 813-824.	9.8	133
57	Switched Fuzzy Output Feedback Control and Its Application to a Mass–Spring–Damping System. IEEE Transactions on Fuzzy Systems, 2016, 24, 1259-1269.	9.8	131
58	Decentralized Adaptive Fuzzy Tracking Control for Robot Finger Dynamics. IEEE Transactions on Fuzzy Systems, 2015, 23, 501-510.	9.8	130
59	Human-in-the-Loop Consensus Control for Nonlinear Multi-Agent Systems With Actuator Faults. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 111-122.	13.1	127
60	Fuzzy Tracking Control for Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 2020-2031.	9.5	126
61	Multiple-Mode Observer Design for a Class of Switched Linear Systems. IEEE Transactions on Automation Science and Engineering, 2015, 12, 272-280.	5.2	115
62	Observer-Based Adaptive Event-Triggered Control for Nonstrict-Feedback Nonlinear Systems With Output Constraint and Actuator Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1380-1391.	9.3	101
63	Event-Triggered Fuzzy Adaptive Containment Control for Nonlinear Multiagent Systems With Unknown Bouc–Wen Hysteresis Input. IEEE Transactions on Fuzzy Systems, 2021, 29, 731-741.	9.8	100
64	Observer-based adaptive consensus control for nonlinear multi-agent systems with time-delay. Science China Information Sciences, 2020, 63, 1.	4.3	95
65	Stabilization of Interval Type-2 Polynomial-Fuzzy-Model-Based Control Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 205-217.	9.8	94
66	Nonsingular Finite-Time Event-Triggered Fuzzy Control for Large-Scale Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 2088-2099.	9.8	94
67	Adaptive Prescribed Performance Control of A Flexible-Joint Robotic Manipulator With Dynamic Uncertainties. IEEE Transactions on Cybernetics, 2022, 52, 12905-12915.	9.5	94
68	Event-Based Finite-Time Neural Control for Human-in-the-Loop UAV Attitude Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10387-10397.	11.3	94
69	Distributed Cooperative Compound Tracking Control for a Platoon of Vehicles With Adaptive NN. IEEE Transactions on Cybernetics, 2022, 52, 7039-7048.	9.5	92
70	Adaptive Fixed-Time Control of Error-Constrained Pure-Feedback Interconnected Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6369-6380.	9.3	90
71	Control design of interval type-2 fuzzy systems with actuator fault: Sampled-data control approach. Information Sciences, 2015, 302, 1-13.	6.9	85
72	Output-Feedback Tracking Control for Polynomial Fuzzy-Model-Based Control Systems. IEEE Transactions on Industrial Electronics, 2013, 60, 5830-5840.	7.9	84

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73	Quantized Adaptive Finite-Time Bipartite NN Tracking Control for Stochastic Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 2870-2881.	9.5	83
74	Stability Analysis of Polynomial-Fuzzy-Model-Based Control Systems Using Switching Polynomial Lyapunov Function. IEEE Transactions on Fuzzy Systems, 2013, 21, 800-813.	9.8	82
75	Adaptive Multigradient Recursive Reinforcement Learning Event-Triggered Tracking Control for Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 144-156.	11.3	79
76	Adaptive fuzzy tracking control for a class of pure-feedback nonlinear systems with time-varying delay and unknown dead zone. Fuzzy Sets and Systems, 2017, 329, 36-60.	2.7	75
77	Adaptive Attitude Control of a Quadrotor Using Fast Nonsingular Terminal Sliding Mode. IEEE Transactions on Industrial Electronics, 2022, 69, 1597-1607.	7.9	72
78	Asynchronous Resilient Output Consensus of Switched Heterogeneous Linear Multivehicle Systems With Communication Delay. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2627-2640.	5.8	69
79	On stabilization and set stabilization of multivalued logical systems. Automatica, 2017, 80, 41-47.	5.0	66
80	Adaptive Event-Triggered Fault Detection for Fuzzy Stochastic Systems With Missing Measurements. IEEE Transactions on Fuzzy Systems, 2018, 26, 2201-2212.	9.8	66
81	Adaptive Fault-Tolerant Compensation Control and Its Application to Nonlinear Suspension Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1766-1776.	9.3	64
82	Intelligent Event-Based Fuzzy Dynamic Positioning Control of Nonlinear Unmanned Marine Vehicles Under DoS Attack. IEEE Transactions on Cybernetics, 2022, 52, 13486-13499.	9.5	63
83	Adaptive Event-Triggered Sliding-Mode Control for Consensus Tracking of Nonlinear Multiagent Systems With Unknown Perturbations. IEEE Transactions on Cybernetics, 2023, 53, 2672-2684.	9.5	63
84	Approximation-Based Nussbaum Gain Adaptive Control of Nonlinear Systems With Periodic Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2591-2600.	9.3	61
85	Cooperative robust containment control for general discreteâ€time multiâ€agent systems with external disturbance. IET Control Theory and Applications, 2017, 11, 1928-1937.	2.1	56
86	An Optimal Estimation Framework of Multi-Agent Systems With Random Transport Protocol. IEEE Transactions on Signal Processing, 2022, 70, 2548-2559.	5.3	54
87	Neural network robust tracking control with adaptive critic framework for uncertain nonlinear systems. Neural Networks, 2018, 97, 11-18.	5.9	53
88	Output-feedback tracking control for interval type-2 polynomial fuzzy-model-based control systems. Neurocomputing, 2017, 242, 83-95.	5.9	52
89	Adaptive Attitude Control for Multi-MUAV Systems With Output Dead-Zone and Actuator Fault. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1567-1575.	13.1	52
90	Fuzzy-based dynamic event triggering formation control for nonstrict-feedback nonlinear MASs. Fuzzy Sets and Systems, 2023, 452, 1-22.	2.7	52

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91	Distributed Event-Triggered Formation Control of USVs with Prescribed Performance. Journal of Systems Science and Complexity, 2022, 35, 820-838.	2.8	50
92	Observer‐based adaptive control for stochastic nonstrict‐feedback systems with unknown backlash‐like hysteresis. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1481-1490.	4.1	50
93	Adaptive Intelligent Control for Nonlinear Strict-Feedback Systems With Virtual Control Coefficients and Uncertain Disturbances Based on Event-Triggered Mechanism. IEEE Transactions on Cybernetics, 2018, 48, 3390-3402.	9.5	49
94	Stability analysis and control synthesis for fuzzy‐observer‐based controller of nonlinear systems: a fuzzy‐model‐based control approach. IET Control Theory and Applications, 2013, 7, 663-672.	2.1	45
95	Observer-Based Fixed-Time Adaptive Fuzzy Bipartite Containment Control for Multiagent Systems With Unknown Hysteresis. IEEE Transactions on Fuzzy Systems, 2022, 30, 1302-1312.	9.8	45
96	Event-Triggered Guaranteed Cost Leader-Following Consensus Control of Second-Order Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2615-2624.	9.3	45
97	Output feedback H_{∞} control for active suspension of in-wheel motor driven electric vehicle with control faults and input delay. ISA Transactions, 2019, 92, 94-108.	5.7	43
98	Event-triggered fault detection for nonlinear semi-Markov jump systems based on double asynchronous filtering approach. Automatica, 2022, 138, 110144.	5.0	42
99	Delay‐dependent robust stability for stochastic time‐delay systems with polytopic uncertainties. International Journal of Robust and Nonlinear Control, 2008, 18, 1482-1492.	3.7	41
100	p‐Times differentiable unbounded functions for robust control of uncertain switched nonlinear systems with tracking constraints. International Journal of Robust and Nonlinear Control, 2015, 25, 2965-2983.	3.7	40
101	Adaptive Inverse Control of Cable-Driven Parallel System Based on Type-2 Fuzzy Logic Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 1803-1816.	9.8	37
102	Fuzzy dynamic output‐feedback control of non‐linear networked discrete‐time system with missing measurements. IET Control Theory and Applications, 2015, 9, 327-335.	2.1	36
103	Finite frequency fuzzy H control for uncertain active suspension systems with sensor failure. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 777-786.	13.1	35
104	Distributed event triggering control for six-rotor UAV systems with asymmetric time-varying output constraints. Science China Information Sciences, 2021, 64, 1.	4.3	35
105	Relaxed Fuzzy Observer Design of Discrete-Time Nonlinear Systems via Two Effective Technical Measures. IEEE Transactions on Fuzzy Systems, 2018, 26, 2833-2845.	9.8	33
106	Distributed Finite-Time Containment Control for Nonlinear Multiagent Systems With Mismatched Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 6939-6948.	9.5	32
107	Stabilization for a class of nonlinear networked control systems via polynomial fuzzy model approach. Complexity, 2015, 21, 74-81.	1.6	31
108	Event-Triggered Output-Feedback Control for Large-Scale Systems With Unknown Hysteresis. IEEE Transactions on Cybernetics, 2021, 51, 5236-5247.	9.5	31

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109	Event‐triggered guaranteed cost fault‐tolerant optimal tracking control for uncertain nonlinear system via adaptive dynamic programming. International Journal of Robust and Nonlinear Control, 2021, 31, 2572-2592.	3.7	31
110	Saturated Threshold Event-Triggered Control for Multiagent Systems Under Sensor Attacks and Its Application to UAVs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 884-895.	5.4	29
111	Dissipativity-Based Reliable Interval Type-2 Fuzzy Filter Design for Uncertain Nonlinear Systems. International Journal of Fuzzy Systems, 2018, 20, 390-402.	4.0	28
112	Output tracking control for fuzzy delta operator systems with time-varying delays. Journal of the Franklin Institute, 2015, 352, 2951-2970.	3.4	27
113	Sliding mode fault‐tolerant control of uncertain system: A delta operator approach. International Journal of Robust and Nonlinear Control, 2017, 27, 4173-4187.	3.7	26
114	Active Suspension System Control With Decentralized Event-Triggered Scheme. IEEE Transactions on Industrial Electronics, 2020, 67, 10798-10808.	7.9	26
115	Prescribed Performance Consensus Fuzzy Control of Multiagent Systems With Nonaffine Nonlinear Faults. IEEE Transactions on Fuzzy Systems, 2021, 29, 3936-3946.	9.8	26
116	Adaptive Output Feedback Funnel Control of Uncertain Nonlinear Systems With Arbitrary Relative Degree. IEEE Transactions on Automatic Control, 2021, 66, 2854-2860.	5.7	26
117	Stabilization of Sampled-Data Systems With Noisy Sampling Intervals and Packet Dropouts via a Discrete-Time Approach. IEEE Transactions on Automatic Control, 2022, 67, 3204-3211.	5.7	25
118	Distributed Reinforcement Learning Containment Control for Multiple Nonholonomic Mobile Robots. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 896-907.	5.4	25
119	Fuzzy output‐feedback control for non‐linear systems with input time‐varying delay. IET Control Theory and Applications, 2014, 8, 738-745.	2.1	24
120	Static output‐feedback control for interval type‐2 discrete‐time fuzzy systems. Complexity, 2016, 21, 74-88.	1.6	24
121	Fuzzy Adaptive State-Feedback Control Scheme of Uncertain Nonlinear Multivariable Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 1703-1713.	9.8	22
122	Tracking control of uncertain switched nonlinear cascade systems: a nonlinear H^∞ sliding mode control method. Nonlinear Dynamics, 2013, 73, 1803-1812.	5.2	21
123	Robust Stability for Interval Stochastic Neural Networks with Time-Varying Discrete and Distributed Delays. Differential Equations and Dynamical Systems, 2011, 19, 97-118.	1.0	18
124	Synchronization Control for Network Systems With Communication Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3150-3160.	11.3	18
125	Barrier Function-Based Adaptive Control for Uncertain Strict-Feedback Systems Within Predefined Neural Network Approximation Sets. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2942-2954.	11.3	17
126	Secure Finite-Horizon Consensus Control of Multiagent Systems Against Cyber Attacks. IEEE Transactions on Cybernetics, 2022, 52, 9230-9239.	9.5	17

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127	Guaranteed Cost Control for Interval Type-2 Fuzzy Semi-Markov Switching Systems Within a Finite-Time Interval. IEEE Transactions on Fuzzy Systems, 2022, 30, 2583-2594.	9.8	17
128	Mean Square Exponential Stability for Uncertain Delayed Stochastic Neural Networks with Markovian Jump Parameters. Circuits, Systems, and Signal Processing, 2010, 29, 331-348.	2.0	16
129	Continuous-Time Deadbeat H_{2} FIR Filter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 987-991.	3.0	16
130	Robust Adaptive Sliding Mode Control for Nonlinear Uncertain Neutral Markovian Jump Systems. Circuits, Systems, and Signal Processing, 2016, 35, 2741-2761.	2.0	12
131	Adaptive fuzzy finite‐time fault‐tolerant control of nonlinear systems with state constraints and input quantization. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1199-1219.	4.1	12
132	Command filtered fixed‐time control for a class of multi‐agent systems with sensor faults. International Journal of Robust and Nonlinear Control, 2021, 31, 9588-9603.	3.7	12
133	Robust Lidar-Based Localization Scheme for Unmanned Ground Vehicle via Multisensor Fusion. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5633-5643.	11.3	11
134	Adaptive Neural Sliding Mode Control of Markov Jump Systems Subject to Malicious Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7870-7881.	9.3	9
135	Adaptive sliding mode control of switched systems with different input matrix. International Journal of Control, Automation and Systems, 2017, 15, 2500-2506.	2.7	9
136	Event-Triggered Adaptive Bipartite Containment Control for Stochastic Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5843-5852.	9.3	9
137	Relaxed stability conditions based on Taylor series membership functions for polynomial fuzzy-model-based control systems. , 2014, , .		8
138	On the <inline-formula> <tex-math notation="LaTeX">l_2 </tex-math> </inline-formula>-<inline-formula> <tex-math notation="LaTeX">l_infty </tex-math> </inline-formula> and <inline-formula> <tex-math notation="LaTeX">H_infty </tex-math> </inline-formula> Performances of the Continuous-Time Deadbeat <inline-for. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1798-1802.	3.0	8
139	H_2 Output-Feedback Control With Finite Multiple Measurement Information. IEEE Transactions on Automatic Control, 2018, 63, 2588-2595.	5.7	8
140	Synchronization of Chaotic Systems Using Sampled-Data Polynomial Controller. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	1.6	7
141	Variable-Parameter-Dependent Saturated Robust Control for Vehicle Lateral Stability. IEEE Transactions on Control Systems Technology, 2022, 30, 1711-1722.	5.2	7
142	Relaxed LMI-based stability conditions for fuzzy-model-based control systems under imperfect premise matching: Approximated membership function approach. , 2014, , .		6
143	Geometrical convergence rate for distributed optimization with zero-like-free event-triggered communication scheme and uncoordinated step-sizes. , 2017, , .		6
144	Observer-Based Robust Tracking Control for a Class of Switched Nonlinear Cascade Systems. Mathematical Problems in Engineering, 2013, 2013, 1-9.	1.1	2

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145	Gravity and friction compensation algorithm for master manipulator based on genetic algorithm. , 2016, , .		2
146	Event-Triggered Sliding Mode Control of Stochastic Systems over Networks. , 2016, , .		2
147	Guest Editorial From Intelligent Control to Smart Management of Cyber-Physical-Social Systems: A Celebration of 70th Anniversary of Cybernetics by Norbert Wiener. IEEE Transactions on Cybernetics, 2018, 48, 3278-3279.	9.5	2
148	Control Design for Discrete-Time Fuzzy Systems with Disturbance Inputs via Delta Operator Approach. Mathematical Problems in Engineering, 2013, 2013, 1-13.	1.1	1
149	H_∞ filtering for T-S fuzzy delta operator systems with time-varying delays. , 2014, , .		1
150	Interval type-2 fuzzy-model-based control design for time-delay systems under imperfect premise matching. , 2015, , .		1
151	Adaptive fuzzy control for nonstrict-feedback stochastic nonlinear systems with full-state constraints and unknown dead zone. , 2017, , .		1
152	Observer-based adaptive fuzzy output constrained FTC for nonlinear interconnected large-scale systems. Science China Information Sciences, 2020, 63, 1.	4.3	1
153	Bipartite Tracking Control for Second-Order Stochastic Nonlinear Multi-Agent Systems with Dead-Zone Input. , 2020, , .		1
154	Cooperative Control for a Class of Second-Order Stochastic Multi-Agent Systems with Sensor Faults. , 2020, , .		1
155	Adaptive Fuzzy Control for A Single-Link Flexible-Joint Robotic Manipulator with Output Constraint. , 2020, , .		1
156	A Unified Approach to H_∞ Control of Singular Markovian Jump Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2013, 135, .	1.6	0
157	Adaptive neural control of nonstrict system with output constriant. , 2016, , .		0
158	Guaranteed cost control of interval type-2 T-S fuzzy systems with time-varying delays. , 2016, , .		0
159	Observer-based adaptive fuzzy control for nonstrict-feedback systems with output constraint. , 2016, , .		0
160	Maximal-Ratio Based Switch-and-Stay Combining for Dual-Branch Systems. IEEE Access, 2017, 5, 15442-15447.	4.2	0
161	Fault detection for continuous-time semi-Markovian jump systems. , 2018, , .		0
162	Event-Triggered Adaptive Controller Design with Reduced-Order Observer for Constrained Nonlinear Systems. , 2021, , .		0

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163	Command-Filter-Based Finite-Time Control for Human-in-the-Loop UAVs With Dead-Zone Inputs. , 2021, , .		0
164	Command-Filtered Backstepping Repetitive Control for a Class of Uncertain Nonlinear Systems Based on Additive State Decomposition. IEEE Transactions on Industrial Electronics, 2023, 70, 5150-5160.	7.9	0