

Hongyi Li

List of Publications by Year in descending order

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164
papers

17,868
citations

8749

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164
docs citations

164
times ranked

6342
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Sliding-Mode Control for Nonlinear Active Suspension Vehicle Systems Using Tâ€™S Fuzzy Approach. IEEE Transactions on Industrial Electronics, 2013, 60, 3328-3338.	5.2	623
2	Fault-tolerant control of Markovian jump stochastic systems via the augmented sliding mode observer approach. Automatica, 2014, 50, 1825-1834.	3.0	515
3	Observer-based adaptive sliding mode control for nonlinear Markovian jump systems. Automatica, 2016, 64, 133-142.	3.0	491
4	Output-Feedback-Based H_{∞} Control for Vehicle Suspension Systems With Control Delay. IEEE Transactions on Industrial Electronics, 2014, 61, 436-446.	5.2	458
5	Event-triggered sliding mode control of stochastic systems via output feedback. Automatica, 2017, 82, 79-92.	3.0	455
6	Adaptive finite-time tracking control of full state constrained nonlinear systems with dead-zone. Automatica, 2019, 100, 99-107.	3.0	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.	5.9	360
8	Adaptive Sliding-Mode Control of Markov Jump Nonlinear Systems With Actuator Faults. IEEE Transactions on Automatic Control, 2017, 62, 1933-1939.	3.6	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.	3.6	335
10	Fuzzy Sampled-Data Control for Uncertain Vehicle Suspension Systems. IEEE Transactions on Cybernetics, 2014, 44, 1111-1126.	6.2	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.	7.2	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.	6.2	305
13	Control Design for Interval Type-2 Fuzzy Systems Under Imperfect Premise Matching. IEEE Transactions on Industrial Electronics, 2014, 61, 956-968.	5.2	301
14	Event-Triggered Fault Detection of Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 1041-1052.	6.2	297
15	Switching Stabilization for a Class of Slowly Switched Systems. IEEE Transactions on Automatic Control, 2015, 60, 221-226.	3.6	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.	7.2	284
17	Adaptive Fault-Tolerant Tracking Control for Discrete-Time Multiagent Systems via Reinforcement Learning Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 1163-1174.	6.2	280
18	Adaptive Fuzzy Backstepping Tracking Control for Strict-Feedback Systems With Input Delay. IEEE Transactions on Fuzzy Systems, 2017, 25, 642-652.	6.5	268

#	ARTICLE	IF	CITATIONS
19	Adaptive Sliding Mode Control for Interval Type-2 Fuzzy Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1654-1663.	5.9	267
20	Event-Triggered Adaptive Tracking Control for Multiagent Systems With Unknown Disturbances. IEEE Transactions on Cybernetics, 2020, 50, 890-901.	6.2	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.	5.9	258
22	Observer-Based Fuzzy Control for Nonlinear Networked Systems Under Unmeasurable Premise Variables. IEEE Transactions on Fuzzy Systems, 2016, 24, 1233-1245.	6.5	246
23	Event-Triggered Consensus Control for Multi-Agent Systems Against False Data-Injection Attacks. IEEE Transactions on Cybernetics, 2020, 50, 1856-1866.	6.2	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.	6.5	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.	6.2	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.	5.9	225
27	Output-Feedback Based Sliding Mode Control for Fuzzy Systems With Actuator Saturation. IEEE Transactions on Fuzzy Systems, 2016, 24, 1282-1293.	6.5	217
28	Filtering of Interval Type-2 Fuzzy Systems With Intermittent Measurements. IEEE Transactions on Cybernetics, 2016, 46, 668-678.	6.2	214
29	Adaptive event-triggered control for a class of nonlinear systems with periodic disturbances. Science China Information Sciences, 2020, 63, 1.	2.7	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.	5.9	206
31	Model reduction for interval type-2 Takagi-Sugeno fuzzy systems. Automatica, 2015, 61, 308-314.	3.0	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.	5.9	197
33	Accurate Trajectory Tracking of Disturbed Surface Vehicles: A Finite-Time Control Approach. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1064-1074.	3.7	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.	5.9	194
35	Adaptive Output Feedback Control for Nonlinear Time-Delay Systems by Fuzzy Approximation Approach. IEEE Transactions on Fuzzy Systems, 2013, 21, 301-313.	6.5	192
36	Adaptive Event-Triggered Fuzzy Control for Uncertain Active Suspension Systems. IEEE Transactions on Cybernetics, 2019, 49, 4388-4397.	6.2	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.	6.5	182
38	Filter Design for Interval Type-2 Fuzzy Systems With \mathcal{D} ; Stability Constraints Under a Unified Frame. IEEE Transactions on Fuzzy Systems, 2015, 23, 719-725.	6.5	179
39	Adaptive Sliding Mode Control for Takagi-Sugeno Fuzzy Systems and Its Applications. IEEE Transactions on Fuzzy Systems, 2018, 26, 531-542.	6.5	177
40	Relaxed Control Design of Discrete-Time Takagi-Sugeno Fuzzy Systems: An Event-Triggered Real-Time Scheduling Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2251-2262.	5.9	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.	6.2	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.	7.2	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.	3.2	165
44	Observer-Based Composite Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Actuator Failures. IEEE Transactions on Fuzzy Systems, 2018, 26, 2336-2347.	6.5	161
45	Observer-Based Event-Triggered Adaptive Decentralized Fuzzy Control for Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 1201-1214.	6.5	159
46	Adaptive Reinforcement Learning Neural Network Control for Uncertain Nonlinear System With Input Saturation. IEEE Transactions on Cybernetics, 2020, 50, 3433-3443.	6.2	159
47	A sliding mode approach to stabilization of nonlinear Markovian jump singularly perturbed systems. Automatica, 2018, 97, 404-413.	3.0	153
48	Event-Triggered Adaptive Control of Saturated Nonlinear Systems With Time-Varying Partial State Constraints. IEEE Transactions on Cybernetics, 2020, 50, 1485-1497.	6.2	148
49	Adaptive Fuzzy Control for Nonlinear Networked Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2420-2430.	5.9	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.	6.5	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.	5.9	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.	5.9	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.	5.9	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.	6.2	134

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55	Input-output finite-time mean square stabilization of nonlinear semi-Markovian jump systems. <i>Automatica</i> , 2019, 104, 82-89.	3.0	134
56	Event-Triggered Control for Nonlinear Systems Under Unreliable Communication Links. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 813-824.	6.5	133
57	Switched Fuzzy Output Feedback Control and Its Application to a Mass-Spring-Damping System. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1259-1269.	6.5	131
58	Decentralized Adaptive Fuzzy Tracking Control for Robot Finger Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 501-510.	6.5	130
59	Human-in-the-Loop Consensus Control for Nonlinear Multi-Agent Systems With Actuator Faults. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 111-122.	8.5	127
60	Fuzzy Tracking Control for Nonlinear Networked Systems. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 2020-2031.	6.2	126
61	Multiple-Mode Observer Design for a Class of Switched Linear Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2015, 12, 272-280.	3.4	115
62	Observer-Based Adaptive Event-Triggered Control for Nonstrict-Feedback Nonlinear Systems With Output Constraint and Actuator Failures. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 1380-1391.	5.9	101
63	Event-Triggered Fuzzy Adaptive Containment Control for Nonlinear Multiagent Systems With Unknown Bouc-Wen Hysteresis Input. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 731-741.	6.5	100
64	Observer-based adaptive consensus control for nonlinear multi-agent systems with time-delay. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	95
65	Stabilization of Interval Type-2 Polynomial-Fuzzy-Model-Based Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 205-217.	6.5	94
66	Nonsingular Finite-Time Event-Triggered Fuzzy Control for Large-Scale Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 2088-2099.	6.5	94
67	Adaptive Prescribed Performance Control of A Flexible-Joint Robotic Manipulator With Dynamic Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 12905-12915.	6.2	94
68	Event-Based Finite-Time Neural Control for Human-in-the-Loop UAV Attitude Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 10387-10397.	7.2	94
69	Distributed Cooperative Compound Tracking Control for a Platoon of Vehicles With Adaptive NN. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 7039-7048.	6.2	92
70	Adaptive Fixed-Time Control of Error-Constrained Pure-Feedback Interconnected Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6369-6380.	5.9	90
71	Control design of interval type-2 fuzzy systems with actuator fault: Sampled-data control approach. <i>Information Sciences</i> , 2015, 302, 1-13.	4.0	85
72	Output-Feedback Tracking Control for Polynomial Fuzzy-Model-Based Control Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2013, 60, 5830-5840.	5.2	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.	6.2	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.	6.5	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.	7.2	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.	1.6	75
77	Adaptive Attitude Control of a Quadrotor Using Fast Nonsingular Terminal Sliding Mode. IEEE Transactions on Industrial Electronics, 2022, 69, 1597-1607.	5.2	72
78	Asynchronous Resilient Output Consensus of Switched Heterogeneous Linear Multivehicle Systems With Communication Delay. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2627-2640.	3.7	69
79	On stabilization and set stabilization of multivalued logical systems. Automatica, 2017, 80, 41-47.	3.0	66
80	Adaptive Event-Triggered Fault Detection for Fuzzy Stochastic Systems With Missing Measurements. IEEE Transactions on Fuzzy Systems, 2018, 26, 2201-2212.	6.5	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.	5.9	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.	6.2	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.	6.2	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.	5.9	61
85	Cooperative robust containment control for general discrete-time multiagent systems with external disturbance. IET Control Theory and Applications, 2017, 11, 1928-1937.	1.2	56
86	An Optimal Estimation Framework of Multi-Agent Systems With Random Transport Protocol. IEEE Transactions on Signal Processing, 2022, 70, 2548-2559.	3.2	54
87	Neural network robust tracking control with adaptive critic framework for uncertain nonlinear systems. Neural Networks, 2018, 97, 11-18.	3.3	53
88	Output-feedback tracking control for interval type-2 polynomial fuzzy-model-based control systems. Neurocomputing, 2017, 242, 83-95.	3.5	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.	8.5	52
90	Fuzzy-based dynamic event triggering formation control for nonstrict-feedback nonlinear MASs. Fuzzy Sets and Systems, 2023, 452, 1-22.	1.6	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.	1.6	50
92	Observer-based adaptive control for stochastic nonlinear strict-feedback systems with unknown backlash-like hysteresis. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1481-1490.	2.3	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.	6.2	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.	1.2	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.	6.5	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.	5.9	45
97	Output feedback control for active suspension of in-wheel motor driven electric vehicle with control faults and input delay. ISA Transactions, 2019, 92, 94-108.	3.1	43
98	Event-triggered fault detection for nonlinear semi-Markov jump systems based on double asynchronous filtering approach. Automatica, 2022, 138, 110144.	3.0	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.	2.1	41
100	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.	2.1	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.	6.5	37
102	Fuzzy dynamic output feedback control of nonlinear networked discrete-time system with missing measurements. IET Control Theory and Applications, 2015, 9, 327-335.	1.2	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.	8.5	35
104	Distributed event triggering control for six-rotor UAV systems with asymmetric time-varying output constraints. Science China Information Sciences, 2021, 64, 1.	2.7	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.	6.5	33
106	Distributed Finite-Time Containment Control for Nonlinear Multiagent Systems With Mismatched Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 6939-6948.	6.2	32
107	Stabilization for a class of nonlinear networked control systems via polynomial fuzzy model approach. Complexity, 2015, 21, 74-81.	0.9	31
108	Event-Triggered Output-Feedback Control for Large-Scale Systems With Unknown Hysteresis. IEEE Transactions on Cybernetics, 2021, 51, 5236-5247.	6.2	31

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109	Event-triggered guaranteed cost fault-tolerant optimal tracking control for uncertain nonlinear system via adaptive dynamic programming. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 2572-2592.	2.1	31
110	Saturated Threshold Event-Triggered Control for Multiagent Systems Under Sensor Attacks and Its Application to UAVs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 884-895.	3.5	29
111	Dissipativity-Based Reliable Interval Type-2 Fuzzy Filter Design for Uncertain Nonlinear Systems. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 390-402.	2.3	28
112	Output tracking control for fuzzy delta operator systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2015, 352, 2951-2970.	1.9	27
113	Sliding mode fault-tolerant control of uncertain system: A delta operator approach. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 4173-4187.	2.1	26
114	Active Suspension System Control With Decentralized Event-Triggered Scheme. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 10798-10808.	5.2	26
115	Prescribed Performance Consensus Fuzzy Control of Multiagent Systems With Nonaffine Nonlinear Faults. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 3936-3946.	6.5	26
116	Adaptive Output Feedback Funnel Control of Uncertain Nonlinear Systems With Arbitrary Relative Degree. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 2854-2860.	3.6	26
117	Stabilization of Sampled-Data Systems With Noisy Sampling Intervals and Packet Dropouts via a Discrete-Time Approach. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 3204-3211.	3.6	25
118	Distributed Reinforcement Learning Containment Control for Multiple Nonholonomic Mobile Robots. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 896-907.	3.5	25
119	Fuzzy output-feedback control for non-linear systems with input time-varying delay. <i>IET Control Theory and Applications</i> , 2014, 8, 738-745.	1.2	24
120	Static output-feedback control for interval type-2 discrete-time fuzzy systems. <i>Complexity</i> , 2016, 21, 74-88.	0.9	24
121	Fuzzy Adaptive State-Feedback Control Scheme of Uncertain Nonlinear Multivariable Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1703-1713.	6.5	22
122	Tracking control of uncertain switched nonlinear cascade systems: a nonlinear H^∞ sliding mode control method. <i>Nonlinear Dynamics</i> , 2013, 73, 1803-1812.	2.7	21
123	Robust Stability for Interval Stochastic Neural Networks with Time-Varying Discrete and Distributed Delays. <i>Differential Equations and Dynamical Systems</i> , 2011, 19, 97-118.	0.5	18
124	Synchronization Control for Network Systems With Communication Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 3150-3160.	7.2	18
125	Barrier Function-Based Adaptive Control for Uncertain Strict-Feedback Systems Within Predefined Neural Network Approximation Sets. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 2942-2954.	7.2	17
126	Secure Finite-Horizon Consensus Control of Multiagent Systems Against Cyber Attacks. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9230-9239.	6.2	17

#	ARTICLE	IF	CITATIONS
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.	6.5	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.	1.2	16
129	Continuous-Time Deadbeat H_{∞} FIR Filter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 987-991.	2.2	16
130	Robust Adaptive Sliding Mode Control for Nonlinear Uncertain Neutral Markovian Jump Systems. Circuits, Systems, and Signal Processing, 2016, 35, 2741-2761.	1.2	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.	2.3	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.	2.1	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.	7.2	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.	5.9	9
135	Adaptive sliding mode control of switched systems with different input matrix. International Journal of Control, Automation and Systems, 2017, 15, 2500-2506.	1.6	9
136	Event-Triggered Adaptive Bipartite Containment Control for Stochastic Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5843-5852.	5.9	9
137	Relaxed stability conditions based on Taylor series membership functions for polynomial fuzzy-model-based control systems. , 2014, , .		8
138	On the L_2 and L_{∞} H_{∞} Performances of the Continuous-Time Deadbeat H_{∞} Output-Feedback Control With Finite Multiple Measurement Information. IEEE Transactions on Automatic Control, 2018, 63, 2588-2595.	2.2	8
139	H_{∞} Output-Feedback Control With Finite Multiple Measurement Information. IEEE Transactions on Automatic Control, 2018, 63, 2588-2595.	3.6	8
140	Synchronization of Chaotic Systems Using Sampled-Data Polynomial Controller. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	0.9	7
141	Variable-Parameter-Dependent Saturated Robust Control for Vehicle Lateral Stability. IEEE Transactions on Control Systems Technology, 2022, 30, 1711-1722.	3.2	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.	0.6	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.	6.2	2
148	Control Design for Discrete-Time Fuzzy Systems with Disturbance Inputs via Delta Operator Approach. Mathematical Problems in Engineering, 2013, 2013, 1-13.	0.6	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.	2.7	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, .	0.9	0
157	Adaptive neural control of nonstrict system with output constraint. , 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.	2.6	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

#	ARTICLE	IF	CITATIONS
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.	5.2	0