Jianbin Qiu

List of Publications by Year
in descending order

147 papers	11,351 citations	22153 59 h-index	28297 105 g-index
148 all docs	148 docs citations	148 times ranked	5920 citing authors

#	Article	IF	Citations
1	A Combined Adaptive Neural Network and Nonlinear Model Predictive Control for Multirate Networked Industrial Process Control. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 416-425.	11.3	523
2	Observer-Based Fuzzy Adaptive Event-Triggered Control for Pure-Feedback Nonlinear Systems With Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2019, 27, 2152-2162.	9.8	421
3	A New Approach to Stability Analysis and Stabilization of Discrete-Time T-S Fuzzy Time-Varying Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 273-286.	5.0	397
4	Fuzzy-Model-Based Reliable Static Output Feedback $\mathscr{H}_{\infty}$ Control of Nonlinear Hyperbolic PDE Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 388-400.	9.8	394
5	A New Design of Delay-Dependent Robust ${\cal H}_{\infty}$ Filtering for Discrete-Time T--S Fuzzy Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2009, 17, 1044-1058.	9.8	382
6	Recent Advances on Fuzzy-Model-Based Nonlinear Networked Control Systems: A Survey. IEEE Transactions on Industrial Electronics, 2016, 63, 1207-1217.	7.9	320
7	Fuzzy-Model-Based Piecewise ${\mathscr H}_{\infty}$ Static-Output-Feedback Controller Design for Networked Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2010, 18, 919-934.	9.8	311
8	Notice of Violation of IEEE Publication Principles: Reliable Output Feedback Control of Discrete-Time Fuzzy Affine Systems With Actuator Faults. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 170-181.	5.4	298
9	Adaptive Fuzzy Control for Nontriangular Structural Stochastic Switched Nonlinear Systems With Full State Constraints. IEEE Transactions on Fuzzy Systems, 2019, 27, 1587-1601.	9.8	285
10	Static-Output-Feedback ${\mathscr H}_{\infty}$ Control of Continuous-Time T–S Fuzzy Affine Systems Via Piecewise Lyapunov Functions. IEEE Transactions on Fuzzy Systems, 2013, 21, 245-261.	9.8	276
11	Descriptor reduced-order sliding mode observers design for switched systems with sensor and actuator faults. Automatica, 2017, 76, 282-292.	5.0	255
12	Observer-Based Piecewise Affine Output Feedback Controller Synthesis of Continuous-Time T–S Fuzzy Affine Dynamic Systems Using Quantized Measurements. IEEE Transactions on Fuzzy Systems, 2012, 20, 1046-1062.	9.8	238
13	Asynchronous Output-Feedback Control of Networked Nonlinear Systems With Multiple Packet Dropouts: T–S Fuzzy Affine Model-Based Approach. IEEE Transactions on Fuzzy Systems, 2011, 19, 1014-1030.	9.8	223
14	Adaptive Fuzzy Backstepping Control for A Class of Nonlinear Systems With Sampled and Delayed Measurements. IEEE Transactions on Fuzzy Systems, 2015, 23, 302-312.	9.8	222
15	Command Filter-Based Adaptive NN Control for MIMO Nonlinear Systems With Full-State Constraints and Actuator Hysteresis. IEEE Transactions on Cybernetics, 2020, 50, 2905-2915.	9.5	185
16	New results on dynamic output feedback control for Markovian jump systems with time-varying delay and defective mode information. Optimal Control Applications and Methods, 2014, 35, 656-675.	2.1	180
17	Fuzzy Adaptive Finite-Time Fault-Tolerant Control for Strict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 786-796.	9.8	180
18	Approaches to T–S Fuzzy-Affine-Model-Based Reliable Output Feedback Control for Nonlinear Itô Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 569-583.	9.8	177

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19	Event-Triggered Robust Fuzzy Adaptive Finite-Time Control of Nonlinear Systems With Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2021, 29, 1460-1471.	9.8	162
20	Nonsynchronized Robust Filtering Design for Continuous-Time Tâ€"S Fuzzy Affine Dynamic Systems Based on Piecewise Lyapunov Functions. IEEE Transactions on Cybernetics, 2013, 43, 1755-1766.	9.5	148
21	A Switched System Approach to Exponential Stabilization of Sampled-Data Tâ€"S Fuzzy Systems With Packet Dropouts. IEEE Transactions on Cybernetics, 2016, 46, 3145-3156.	9.5	144
22	Quantized Filtering for Continuousâ€Time Markovian Jump Systems with Deficient Mode Information. Asian Journal of Control, 2015, 17, 1914-1923.	3.0	138
23	Event-Triggered Robust Adaptive Fuzzy Control for a Class of Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 1648-1658.	9.8	135
24	Event-Triggered Adaptive Fuzzy Fixed-Time Tracking Control for a Class of Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3058-3068.	5.4	134
25	Nonsynchronized-State Estimation of Multichannel Networked Nonlinear Systems With Multiple Packet Dropouts Via Tâ€"S Fuzzy-Affine Dynamic Models. IEEE Transactions on Fuzzy Systems, 2011, 19, 75-90.	9.8	133
26	Networked Multirate Output Feedback Control for Setpoints Compensation and Its Application to Rougher Flotation Process. IEEE Transactions on Industrial Electronics, 2014, 61, 460-468.	7.9	129
27	Adaptive Neural Control of Stochastic Nonlinear Time-Delay Systems With Multiple Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1875-1883.	9.3	126
28	Weighted Fuzzy Observer-Based Fault Detection Approach for Discrete-Time Nonlinear Systems via Piecewise-Fuzzy Lyapunov Functions. IEEE Transactions on Fuzzy Systems, 2016, 24, 1320-1333.	9.8	125
29	Mode-dependent nonrational output feedback control for continuous-time semi-Markovian jump systems with time-varying delay. Nonlinear Analysis: Hybrid Systems, 2015, 16, 52-71.	3.5	124
30	Performance-Based Adaptive Fuzzy Tracking Control for Networked Industrial Processes. IEEE Transactions on Cybernetics, 2016, 46, 1760-1770.	9.5	119
31	model reduction for continuous-time Markovian jump systems with incomplete statistics of mode information. International Journal of Systems Science, 2014, 45, 1496-1507.	5.5	118
32	Fault Detection for Nonlinear Process With Deterministic Disturbances: A Just-In-Time Learning Based Data Driven Method. IEEE Transactions on Cybernetics, 2017, 47, 3649-3657.	9.5	118
33	A new design of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0019.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow></mml:math> âˆž filtering for continuous-time Markovian jump systems with time-varying delay and partially accessible mode information. Signal Processing, 2013, 93, 2392-2407.	3.7	114
34	A New Design of H -Infinity Piecewise Filtering for Discrete-Time Nonlinear Time-Varying Delay Systems via Tâ€"S Fuzzy Affine Models. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2034-2047.	9.3	110
35	Autonomous Collision-Free Navigation of Microvehicles in Complex and Dynamically Changing Environments. ACS Nano, 2017, 11, 9268-9275.	14.6	107
36	Diagnostic Observer Design for Tâ€"S Fuzzy Systems: Application to Real-Time-Weighted Fault-Detection Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 805-816.	9.8	105

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37	Improved Delay-Dependent H_{∞} Filtering Design for Discrete-Time Polytopic Linear Delay Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 178-182.	3.0	104
38	Hierarchical Multiobjective Heuristic for PCB Assembly Optimization in a Beam-Head Surface Mounter. IEEE Transactions on Cybernetics, 2022, 52, 6911-6924.	9.5	100
39	Reliable Control of Discrete-Time Piecewise-Affine Time-Delay Systems via Output Feedback. IEEE Transactions on Reliability, 2018, 67, 79-91.	4.6	98
40	Model approximation for two-dimensional Markovian jump systems with state-delays and imperfect mode information. Multidimensional Systems and Signal Processing, 2015, 26, 575-597.	2.6	95
41	A Novel Approach to Reliable Output Feedback Control of Fuzzy-Affine Systems With Time Delays and Sensor Faults. IEEE Transactions on Fuzzy Systems, 2017, 25, 1808-1823.	9.8	94
42	Fixed-Order Piecewise-Affine Output Feedback Controller for Fuzzy-Affine-Model-Based Nonlinear Systems With Time-Varying Delay. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 945-958.	5.4	94
43	A Novel Memory Filtering Design for Semi-Markovian Jump Time-Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2229-2241.	9.3	92
44	T–S-Fuzzy-Model-Based Approximation and Controller Design for General Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1143-1154.	5.0	89
45	A Piecewise-Markovian Lyapunov Approach to Reliable Output Feedback Control for Fuzzy-Affine Systems With Time-Delays and Actuator Faults. IEEE Transactions on Cybernetics, 2018, 48, 2723-2735.	9.5	89
46	Asymptotic Tracking Control for a More Representative Class of Uncertain Nonlinear Systems With Mismatched Uncertainties. IEEE Transactions on Industrial Electronics, 2019, 66, 9417-9427.	7.9	88
47	Real-Time Fault Detection Approach for Nonlinear Systems and its Asynchronous T-S Fuzzy Observer-Based Implementation. IEEE Transactions on Cybernetics, 2016, 47, 1-12.	9.5	87
48	Universal Fuzzy Models and Universal Fuzzy Controllers for Stochastic Nonaffine Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 328-341.	9.8	86
49	A Novel Finite-Time Control for Nonstrict Feedback Saturated Nonlinear Systems With Tracking Error Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3968-3979.	9.3	86
50	Notice of Violation of IEEE Publication Principles: Fuzzy-Affine-Model-Based Memory Filter Design of Nonlinear Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2018, 26, 504-517.	9.8	84
51	A New Design of Robust <inline-formula> <tex-math notation="TeX">${\m H}_{\infty}$ </tex-math></inline-formula> Sliding Mode Control for Uncertain Stochastic T-S Fuzzy Time-Delay Systems. IEEE Transactions on Cybernetics, 2014, 44, 1556-1566.	9.5	83
52	Disturbance Observer-Based Adaptive Fuzzy Control for Strict-Feedback Nonlinear Systems With Finite-Time Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2022, 30, 1175-1184.	9.8	81
53	Adaptive Fuzzy Sliding Mode Control for Network-Based Nonlinear Systems With Actuator Failures. IEEE Transactions on Fuzzy Systems, 2018, 26, 1311-1323.	9.8	80
54	New approach to delay–dependent H_{∞} filtering for discrete–time Markovian jump systems with time–varying delay and incomplete transition descriptions. IET Control Theory and Applications, 2013, 7, 684-696.	2.1	78

#	ARTICLE	IF	CITATIONS
55	A Novel Approach to Reliable Control of Piecewise Affine Systems With Actuator Faults. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 957-961.	3.0	78
56	A Novel Fuzzy Observer-Based Steering Control Approach for Path Tracking in Autonomous Vehicles. IEEE Transactions on Fuzzy Systems, 2018, , 1-1.	9.8	76
57	Robust ${mathscr H}_{infty }$ Control of Tâ€"S Fuzzy Time-Delay Systems via a New Sliding-Mode Control Scheme. IEEE Transactions on Fuzzy Systems, 2014, 22, 459-465.	9.8	75
58	Distributed Fuzzy $H_{infty }$ Filtering for Nonlinear Multirate Networked Double-Layer Industrial Processes. IEEE Transactions on Industrial Electronics, 2017, 64, 5203-5211.	7.9	74
59	Adaptive Fuzzy Decentralized Tracking Control for Large-Scale Interconnected Nonlinear Networked Control Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3186-3191.	9.8	74
60	Event-Triggered Adaptive Fuzzy Tracking Control for Pure-Feedback Stochastic Nonlinear Systems With Multiple Constraints. IEEE Transactions on Fuzzy Systems, 2021, 29, 1496-1506.	9.8	65
61	Adaptive Fuzzy Observer Design for a Class of Switched Nonlinear Systems With Actuator and Sensor Faults. IEEE Transactions on Fuzzy Systems, 2018, 26, 3730-3742.	9.8	60
62	Reliable Output Feedback Control for T-S Fuzzy Systems With Decentralized Event Triggering Communication and Actuator Failures. IEEE Transactions on Cybernetics, 2017, 47, 2592-2602.	9.5	59
63	Finite-Time Adaptive Fuzzy Control for Nonstrict-Feedback Nonlinear Systems Via an Event-Triggered Strategy. IEEE Transactions on Fuzzy Systems, 2020, 28, 2164-2174.	9.8	59
64	Data-Based Optimal Control for Networked Double-Layer Industrial Processes. IEEE Transactions on Industrial Electronics, 2017, 64, 4179-4186.	7.9	57
65	Fault Estimation Observer Design for Descriptor Switched Systems With Actuator and Sensor Failures. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 810-819.	5.4	57
66	Fuzzy-Model-Based Output Feedback Sliding-Mode Control for Discrete-Time Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 1519-1530.	9.8	57
67	Finite Frequency Memory Output Feedback Controller Design for Tâ€"S Fuzzy Dynamical Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3301-3313.	9.8	54
68	Universal fuzzy controllers based on generalized Tâ€"S fuzzy models. Fuzzy Sets and Systems, 2012, 201, 55-70.	2.7	52
69	Event-Triggered Adaptive Fuzzy Output-Feedback Control for Nonstrict-Feedback Nonlinear Systems With Asymmetric Output Constraint. IEEE Transactions on Cybernetics, 2022, 52, 712-722.	9.5	50
70	A new design of delayâ€dependent robust â„ï‹_{â‌ž} filtering for continuousâ€time polytopic systems with timeâ€varying delay. International Journal of Robust and Nonlinear Control, 2010, 20, 346-365.	3.7	48
71	Barrier Lyapunov Function-Based Adaptive Fault-Tolerant Control for a Class of Strict-Feedback Stochastic Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 938-946.	9.5	47
72	A Novel Piecewise Affine Filtering Design for Tâ€"S Fuzzy Affine Systems Using Past Output Measurements. IEEE Transactions on Cybernetics, 2020, 50, 1509-1518.	9.5	46

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73	A novel approach to coordination of multiple robots with communication failures via proximity graph. Automatica, 2011, 47, 1800-1805.	5.0	45
74	Robust $\mathscr{H}_{\infty}$ Control for Stochastic T–S Fuzzy Systems via Integral Sliding-Mode Approach. IEEE Transactions on Fuzzy Systems, 2014, 22, 870-881.	9.8	45
75	Event-Triggered Adaptive Fuzzy Fault-Tolerant Control for Stochastic Nonlinear Systems via Command Filtering. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1145-1155.	9.3	43
76	Recognition and Pose Estimation of Auto Parts for an Autonomous Spray Painting Robot. IEEE Transactions on Industrial Informatics, 2019, 15, 1709-1719.	11.3	42
77	Fuzzy-Affine-Model-Based Output Feedback Dynamic Sliding Mode Controller Design of Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-10.	9.3	38
78	Cell Division Genetic Algorithm for Component Allocation Optimization in Multifunctional Placers. IEEE Transactions on Industrial Informatics, 2022, 18, 559-570.	11.3	36
79	Gradient Descent-Based Adaptive Learning Control for Autonomous Underwater Vehicles With Unknown Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5266-5273.	11.3	35
80	Finite Frequency Filtering Design for Uncertain Discrete-Time Systems Using Past Output Measurements. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3005-3013.	5.4	34
81	Asynchronous Sampled-Data Filtering Design for Fuzzy-Affine-Model-Based Stochastic Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 3964-3974.	9.5	34
82	Reliable Output Feedback Control for Piecewise Affine Systems With Markov-Type Sensor Failure. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 913-917.	3.0	32
83	Fuzzy-Affine-Model-Based Sampled-Data Filtering Design for Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3360-3373.	9.8	31
84	A New Design of Membership-Function-Dependent Controller for T-S Fuzzy Systems Under Imperfect Premise Matching. IEEE Transactions on Fuzzy Systems, 2019, 27, 1428-1440.	9.8	30
85	A Novel Fuzzy Output Feedback Dynamic Sliding Mode Controller Design for Two-Dimensional Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 2869-2877.	9.8	30
86	A Fault Detection Approach for Nonlinear Systems Based on Data-Driven Realizations of Fuzzy Kernel Representations. IEEE Transactions on Fuzzy Systems, 2018, 26, 1800-1812.	9.8	29
87	New results on robust H_{∞} filtering design for discrete-time piecewise linear delay systems. International Journal of Control, 2009, 82, 183-194.	1.9	28
88	State and Fault Observer Design for Switched Systems via an Adaptive Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2020, 28, 2107-2118.	9.8	28
89	Membership-Function-Dependent Fault Detection Filtering Design for Interval Type-2 T–S Fuzzy Systems in Finite Frequency Domain. IEEE Transactions on Fuzzy Systems, 2021, 29, 2760-2773.	9.8	28
90	Delay–dependent non–synchronized robust H_{∞} state estimation for discrete–time piecewise linear delay systems. International Journal of Adaptive Control and Signal Processing, 2009, 23, 1082-1096.	4.1	25

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91	Fuzzy-Model-Based Output Feedback Steering Control in Autonomous Driving Subject to Actuator Constraints. IEEE Transactions on Fuzzy Systems, 2021, 29, 457-470.	9.8	25
92	Quality Inspection of Remote Radio Units Using Depth-Free Image-Based Visual Servo With Acceleration Command. IEEE Transactions on Industrial Electronics, 2019, 66, 8214-8223.	7.9	24
93	Fault Detection Filtering Design for Discrete-Time Interval Type-2 T–S Fuzzy Systems in Finite Frequency Domain. IEEE Transactions on Fuzzy Systems, 2021, 29, 213-225.	9.8	24
94	An optimal fault detection approach for piecewise affine systems via diagnostic observers. Automatica, 2017, 85, 256-263.	5.0	22
95	Finite-time fuzzy adaptive quantized output feedback control of triangular structural systems. Information Sciences, 2021, 557, 153-169.	6.9	22
96	Fuzzy Observer Based Control for Nonlinear Coupled Hyperbolic PDE-ODE Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 1332-1346.	9.8	20
97	New Results on Fuzzy Integral Sliding Mode Control of Nonlinear Singularly Perturbed Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 2062-2067.	9.8	20
98	A Partial Least Squares Aided Intelligent Model Predictive Control Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2013-2021.	9.3	18
99	A Locally Weighted Project Regression Approach-Aided Nonlinear Constrained Tracking Control. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5870-5879.	11.3	17
100	Region Stabilization of Switched Neural Networks With Multiple Modes and Multiple Equilibria: A Pole Assignment Method. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3280-3293.	11.3	16
101	Finite-Frequency Fuzzy Output Feedback Controller Design for Roesser-Type Two-Dimensional Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 861-873.	9.8	16
102	Decentralized Fixed-Order Piecewise Affine Dynamic Output Feedback Controller Design for Discrete-Time Nonlinear Large-Scale Systems. IEEE Access, 2017, 5, 1977-1989.	4.2	14
103	Online Identification of Piecewise Affine Systems Using Integral Concurrent Learning. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4324-4336.	5.4	14
104	Exponential H_∞ Filtering for Discrete–Time Switched State–Delay Systems Under Asynchronous Switching. Asian Journal of Control, 2013, 15, 479-488.	3.0	12
105	A novel approach to sampled-data filter design for piecewise-affine systems. Automatica, 2019, 109, 108481.	5.0	12
106	Filtering Design for Multirate Sampled-Data Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4224-4232.	9.3	12
107	Reachable Set Estimation for Markovian Jump Neutral-Type Neural Networks With Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 1150-1163.	9.5	12
108	T–S fuzzy affine model based non-synchronized state estimation for nonlinear Itô stochastic systems. Neurocomputing, 2015, 167, 424-433.	5.9	11

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109	T–S Fuzzy-Affine-Model-Based Reliable Output Feedback Control of Nonlinear Systems with Actuator Faults. Circuits, Systems, and Signal Processing, 2018, 37, 81-97.	2.0	10
110	A New Sampled-Data Output-Feedback Controller Design of Nonlinear Systems via Fuzzy Affine Models. IEEE Transactions on Cybernetics, 2022, 52, 1681-1690.	9.5	10
111	Complex Workpiece Positioning System With Nonrigid Registration Method for 6-DoFs Automatic Spray Painting Robot. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7305-7313.	9.3	10
112	Precise Positioning of Circular Mark Points and Transistor Components in Surface Mounting Technology Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 2534-2544.	11.3	9
113	Fuzzy Adaptive Switching Control for Stochastic Systems With Finite-Time Prescribed Performance. IEEE Transactions on Cybernetics, 2022, 52, 9922-9930.	9.5	9
114	Finite Frequency H_{∞} Deconvolution With Application to Approximated Bandlimited Signal Recovery. IEEE Transactions on Automatic Control, 2018, 63, 203-210.	5.7	8
115	Asynchronous Decentralized Fuzzy Observer-Based Output Feedback Control of Nonlinear Large-Scale Systems. International Journal of Fuzzy Systems, 2019, 21, 19-32.	4.0	8
116	A Semi-Supervised Learning Approach for Identification of Piecewise Affine Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3521-3532.	5.4	8
117	Neural network-based tracking control of autonomous marine vehicles with unknown actuator dead-zone. International Journal of Robust and Nonlinear Control, 2022, 32, 2969-2982.	3.7	8
118	Adaptive Event-Triggered Control of Stochastic Nonlinear Systems With Unknown Dead Zone. IEEE Transactions on Fuzzy Systems, 2023, 31, 138-147.	9.8	8
119	Region stability and stabilisation of switched linear systems with multiple equilibria. International Journal of Control, 2019, 92, 1061-1083.	1.9	7
120	A new design of output feedback sliding mode controller for T–S fuzzy-affine systems. Asian Journal of Control, 2021, 23, 1658-1670.	3.0	7
121	Fuzzy-Affine-Model-Based Sliding-Mode Control for Discrete-Time Nonlinear 2-D Systems via Output Feedback. IEEE Transactions on Cybernetics, 2023, 53, 979-987.	9.5	7
122	A novel recursive approach for online identification of continuous-time switched nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 7546-7565.	3.7	7
123	Fuzzy-Affine-Model-Based Filtering Design for Continuous-Time Roesser-Type 2-D Nonlinear Systems. IEEE Transactions on Cybernetics, 2023, 53, 3220-3230.	9.5	7
124	Non-fragile control of fuzzy affine dynamic systems via piecewise Lyapunov functions. Frontiers of Computer Science, 2017, 11, 937-947.	2.4	6
125	Visual-Based Contact Detection for Automated Zebrafish Larva Heart Microinjection. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1803-1813.	5.2	5
126	Boundary observer-based control for hyperbolic PDE–ODE cascade systems with stochastic jumps. Automatica, 2020, 119, 109089.	5.0	5

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127	A Fuzzy Approach to Robust Control of Stochastic Nonaffine Nonlinear Systems. Mathematical Problems in Engineering, 2012, 2012, 1-17.	1.1	4
128	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mi>â„</mml:mi></mml:mrow><mml:mrow><mml:mi>â‰</mml:mi></mml:mrow Reduction for Discrete-Time Markovian Jump Systems with Deficient Mode Information. Mathematical Problems in Engineering, 2013, 2013, 1-11.	1.1	4
129	Adaptive Fuzzy Risk-Sensitive Control for Stochastic Strict-Feedback Nonlinear Systems With Unknown Uncertainties. IEEE Transactions on Fuzzy Systems, 2021, 29, 3794-3802.	9.8	4
130	An Adaptive Fuzzy Approach to Fault Estimation Observer Design With Actuator Fault and Digital Communication. IEEE Transactions on Cybernetics, 2023, 53, 5048-5058.	9.5	4
131	A New Design of Asynchronous Observer-Based Output-Feedback Control for Piecewise-Affine Systems. , 2019, 3, 338-343.		3
132	Finite frequency memory output feedback controller design for discrete‐time systems with state multiplicative noises. Asian Journal of Control, 2020, , .	3.0	3
133	An Asynchronized Observer Based Fault Detection Approach for Uncertain Switching Systems With Mode Estimation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 514-518.	3.0	3
134	Delay-dependent robust strictly passive analysis for a class of uncertain discrete singular time-delay systems. , 2008, , .		2
135	Event-triggered state estimation for T-S fuzzy affine systems based on piecewise Lyapunov-Krasovskii functionals. Control Theory and Technology, 2019, 17, 99-111.	1.6	2
136	An Estimator-Based Dynamic Event-Triggered Protocol for Linear Multiagent Systems. , 2022, 6, 2629-2634.		2
137	Leader-Following Consensus of Multiple Uncertain Eulerâ€"Lagrange Systems via Fully Distributed Event-Triggered Adaptive Fuzzy Control. IEEE Transactions on Cybernetics, 2024, 54, 76-86.	9.5	2
138	Improved delay-dependent robust H<inf>&#x221E;</inf> filtering of continuous-time polytopic linear systems with time-varying delay. , 2008, , .		1
139	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mi>â„</mml:mi><mml:mi>â‰</mml:mi></mml:msub></mml:mrow></mml:math>Control for Two-Dimensional Markovian Jump Systems with State-Delays and Defective Mode Information. Mathematical Problems in Engineering, 2013, 2013, 1-11.	1.1	1
140	Analysis on influence of manufacturing error for output accuracy of hybrid five-bar mechanism. , 2008, , .		0
141	Delay-dependent robust H<inf>∞</inf> output feedback control for uncertain discrete-time switched systems with interval time-varying delay. , 2008, , .		0
142	New approaches to delay-dependent robust H â‰ control of uncertain discrete-time T-S fuzzy systems with time-varying delay. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2009, 4, 378-391.	0.6	0
143	Fuzzy-Model-Based Output Feedback Controller Design for Discrete-Time Non-Affine Nonlinear Systems via Piecewise Lyapunov Functions. , 2018, , .		0
144	Quantized Output Feedback Control for a Class of Strict-Feedback Nonlinear Systems. , 2019, , .		0

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145	Memory Dynamic Output Feedback Control for Discrete-Time Systems in Finite Frequency Domain. , 2019, , .		0
146	Parametric Adaptive Dynamic Surface Control for Triangular Structural Nonlinear Systems with Prescribed Performance. , 2020, , .		0
147	Sampled-Data Output Feedback Control of Stochastic Nonlinear Systems. , 2020, , .		0