

Jianbin Qiu

List of Publications by Year in Descending Order

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

132
papers

8,447
citations

53
h-index

90
g-index

148
ext. papers

9,943
ext. citations

6.1
avg. IF

7.16
L-index

#	Paper	IF	Citations
132	An Estimator-Based Dynamic Event-Triggered Protocol for Linear Multiagent Systems 2022 , 6, 2629-2634		1
131	Asynchronous Sampled-Data Filtering Design for Fuzzy-Affine-Model-Based Stochastic Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3964-3974	10.2	18
130	Finite-time fuzzy adaptive quantized output feedback control of triangular structural systems. <i>Information Sciences</i> , 2021 , 557, 153-169	7.7	7
129	A novel recursive approach for online identification of continuous-time switched nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7546-7565	3.6	0
128	Event-Triggered Adaptive Fuzzy Fixed-Time Tracking Control for a Class of Nonstrict-Feedback Nonlinear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3058-3068	3.9	31
127	Event-Triggered Robust Fuzzy Adaptive Finite-Time Control of Nonlinear Systems With Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1460-1471	8.3	70
126	Event-Triggered Adaptive Fuzzy Tracking Control for Pure-Feedback Stochastic Nonlinear Systems With Multiple Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1496-1506	8.3	20
125	Precise Positioning of Circular Mark Points and Transistor Components in Surface Mounting Technology Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2534-2544	11.9	5
124	Fuzzy Adaptive Finite-Time Fault-Tolerant Control for Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 786-796	8.3	94
123	A new design of output feedback sliding mode controller for T-S fuzzy-affine systems. <i>Asian Journal of Control</i> , 2021 , 23, 1658-1670	1.7	3
122	Finite-Frequency Fuzzy Output Feedback Controller Design for Roesser-Type Two-Dimensional Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 861-873	8.3	4
121	Fault Detection Filtering Design for Discrete-Time Interval Type-2 T _S Fuzzy Systems in Finite Frequency Domain. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 213-225	8.3	9
120	Barrier Lyapunov Function-Based Adaptive Fault-Tolerant Control for a Class of Strict-Feedback Stochastic Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 938-946	10.2	24
119	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 457-470	8.3	11
118	A Novel Finite-Time Control for Nonstrict Feedback Saturated Nonlinear Systems With Tracking Error Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3968-3979	7.3	45
117	Disturbance Observer-Based Adaptive Fuzzy Control for Strict-Feedback Nonlinear Systems with Finite-Time Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	12
116	Cell Division Genetic Algorithm for Component Allocation Optimization in Multifunctional Placers. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	5

115	Hierarchical Multiobjective Heuristic for PCB Assembly Optimization in a Beam-Head Surface Moulder. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	6
114	Online Identification of Piecewise Affine Systems Using Integral Concurrent Learning. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 4324-4336	3.9	2
113	An Asynchronized Observer based Fault Detection Approach for Uncertain Switching Systems with Mode Estimation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
112	Gradient Descent-Based Adaptive Learning Control for Autonomous Underwater Vehicles With Unknown Uncertainties. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5266-5273	10.3	3
111	A Semi-Supervised Learning Approach for Identification of Piecewise Affine Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 3521-3532	3.9	2
110	A New Sampled-Data Output-Feedback Controller Design of Nonlinear Systems via Fuzzy Affine Models. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	2
109	Boundary observer-based control for hyperbolic PDE cascade systems with stochastic jumps. <i>Automatica</i> , 2020 , 119, 109089	5.7	2
108	Event-Triggered Adaptive Fuzzy Output-Feedback Control for Nonstrict-Feedback Nonlinear Systems With Asymmetric Output Constraint. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	10
107	Complex Workpiece Positioning System With Nonrigid Registration Method for 6-DoFs Automatic Spray Painting Robot. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	4
106	Reachable Set Estimation for Markovian Jump Neutral-Type Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	3
105	Command Filter-Based Adaptive NN Control for MIMO Nonlinear Systems With Full-State Constraints and Actuator Hysteresis. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2905-2915	10.2	130
104	A Novel Fuzzy Output Feedback Dynamic Sliding Mode Controller Design for Two-Dimensional Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	16
103	Adaptive Fuzzy Risk-Sensitive Control for Stochastic Strict-Feedback Nonlinear Systems with Unknown Uncertainties. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	2
102	Adaptive Fuzzy Decentralized Tracking Control for Large-Scale Interconnected Nonlinear Networked Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	20
101	Membership-Function-Dependent Fault Detection Filtering Design for Interval Type-2 T _S Fuzzy Systems in Finite Frequency Domain. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	9
100	Visual-Based Contact Detection for Automated Zebrafish Larva Heart Microinjection. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 1-11	4.9	0
99	Fuzzy-Affine-Model-Based Sampled-Data Filtering Design for Stochastic Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	16
98	Event-Triggered Adaptive Fuzzy Fault-Tolerant Control for Stochastic Nonlinear Systems via Command Filtering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	10

97	A Novel Piecewise Affine Filtering Design for T-S Fuzzy Affine Systems Using Past Output Measurements. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1509-1518	10.2	34
96	Filtering Design for Multirate Sampled-Data Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4224-4232	7.3	7
95	Finite-Time Adaptive Fuzzy Control for Nonstrict-Feedback Nonlinear Systems Via an Event-Triggered Strategy. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2164-2174	8.3	26
94	Fuzzy-Model-Based Output Feedback Sliding-Mode Control for Discrete-Time Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1519-1530	8.3	37
93	State and Fault Observer Design for Switched Systems via an Adaptive Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2107-2118	8.3	10
92	New Results on Fuzzy Integral Sliding Mode Control of Nonlinear Singularly Perturbed Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	11
91	Observer-Based Fuzzy Adaptive Event-Triggered Control for Pure-Feedback Nonlinear Systems With Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2152-2162	8.3	309
90	Asymptotic Tracking Control for a More Representative Class of Uncertain Nonlinear Systems With Mismatched Uncertainties. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 9417-9427	8.9	69
89	Fuzzy-Affine-Model-Based Output Feedback Dynamic Sliding Mode Controller Design of Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	21
88	Event-triggered state estimation for T-S fuzzy affine systems based on piecewise Lyapunov-Krasovskii functionals. <i>Control Theory and Technology</i> , 2019 , 17, 99-111	1	2
87	A novel approach to sampled-data filter design for piecewise-affine systems. <i>Automatica</i> , 2019 , 109, 108481	5.7	7
86	Region Stabilization of Switched Neural Networks With Multiple Modes and Multiple Equilibria: A Pole Assignment Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 ,	10.3	8
85	A New Design of Asynchronous Observer-Based Output-Feedback Control for Piecewise-Affine Systems 2019 , 3, 338-343		0
84	Adaptive Fuzzy Control for Nontriangular Structural Stochastic Switched Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1587-1601	8.3	232
83	. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1428-1440	8.3	20
82	Recognition and Pose Estimation of Auto Parts for an Autonomous Spray Painting Robot. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1709-1719	11.9	21
81	Fuzzy Observer Based Control for Nonlinear Coupled Hyperbolic PDE-ODE Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1332-1346	8.3	12
80	Event-Triggered Robust Adaptive Fuzzy Control for a Class of Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1648-1658	8.3	65

79	Quality Inspection of Remote Radio Units Using Depth-Free Image-Based Visual Servo With Acceleration Command. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8214-8223	8.9	11
78	Asynchronous Decentralized Fuzzy Observer-Based Output Feedback Control of Nonlinear Large-Scale Systems. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 19-32	3.6	5
77	Fault Estimation Observer Design for Descriptor Switched Systems With Actuator and Sensor Failures. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 810-819	3.9	41
76	Region stability and stabilisation of switched linear systems with multiple equilibria. <i>International Journal of Control</i> , 2019 , 92, 1061-1083	1.5	2
75	Reliable Control of Discrete-Time Piecewise-Affine Time-Delay Systems via Output Feedback. <i>IEEE Transactions on Reliability</i> , 2018 , 67, 79-91	4.6	86
74	A Piecewise-Markovian Lyapunov Approach to Reliable Output Feedback Control for Fuzzy-Affine Systems With Time-Delays and Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2723-2735	10.2	75
73	Finite Frequency Memory Output Feedback Controller Design for T \mathbb{B} Fuzzy Dynamical Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3301-3313	8.3	44
72	Notice of Violation of IEEE Publication Principles: Fuzzy-Affine-Model-Based Memory Filter Design of Nonlinear Systems With Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 504-517	8.3	73
71	Diagnostic Observer Design for T \mathbb{B} Fuzzy Systems: Application to Real-Time-Weighted Fault-Detection Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 805-816	8.3	85
70	T \mathbb{B} Fuzzy-Affine-Model-Based Reliable Output Feedback Control of Nonlinear Systems with Actuator Faults. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 81-97	2.2	8
69	Adaptive Fuzzy Sliding Mode Control for Network-Based Nonlinear Systems With Actuator Failures. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1311-1323	8.3	53
68	Finite Frequency H_{∞} Deconvolution With Application to Approximated Bandlimited Signal Recovery. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 203-210	5.9	8
67	Reliable Output Feedback Control for Piecewise Affine Systems With Markov-Type Sensor Failure. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 913-917	3.5	23
66	A Partial Least Squares Aided Intelligent Model Predictive Control Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2013-2021	7.3	12
65	A Fault Detection Approach for Nonlinear Systems Based on Data-Driven Realizations of Fuzzy Kernel Representations. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1800-1812	8.3	23
64	A Novel Fuzzy Observer-Based Steering Control Approach for Path Tracking in Autonomous Vehicles. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 1-1	8.3	46
63	Adaptive Fuzzy Observer Design for a Class of Switched Nonlinear Systems With Actuator and Sensor Faults. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3730-3742	8.3	39
62	A Novel Memory Filtering Design for Semi-Markovian Jump Time-Delay Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2229-2241	7.3	78

61	Finite Frequency Filtering Design for Uncertain Discrete-Time Systems Using Past Output Measurements. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 3005-3013	3.9	29
60	A Locally Weighted Project Regression Approach-Aided Nonlinear Constrained Tracking Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5870-5879	10.3	11
59	Adaptive Neural Control of Stochastic Nonlinear Time-Delay Systems With Multiple Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1875-1883	7.3	93
58	Approaches to T _S Fuzzy-Affine-Model-Based Reliable Output Feedback Control for Nonlinear It ² Stochastic Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 569-583	8.3	158
57	Fault Detection for Nonlinear Process With Deterministic Disturbances: A Just-In-Time Learning Based Data Driven Method. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3649-3657	10.2	77
56	Decentralized Fixed-Order Piecewise Affine Dynamic Output Feedback Controller Design for Discrete-Time Nonlinear Large-Scale Systems. <i>IEEE Access</i> , 2017 , 5, 1977-1989	3.5	10
55	Reliable Output Feedback Control for T-S Fuzzy Systems With Decentralized Event Triggering Communication and Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2592-2602	10.2	44
54	Descriptor reduced-order sliding mode observers design for switched systems with sensor and actuator faults. <i>Automatica</i> , 2017 , 76, 282-292	5.7	198
53	A Novel Approach to Reliable Output Feedback Control of Fuzzy-Affine Systems With Time Delays and Sensor Faults. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1808-1823	8.3	86
52	Notice of Violation of IEEE Publication Principles: Reliable Output Feedback Control of Discrete-Time Fuzzy Affine Systems With Actuator Faults. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 170-181	3.9	277
51	Fixed-Order Piecewise-Affine Output Feedback Controller for Fuzzy-Affine-Model-Based Nonlinear Systems With Time-Varying Delay. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 945-958	3.9	83
50	Real-Time Fault Detection Approach for Nonlinear Systems and its Asynchronous T-S Fuzzy Observer-Based Implementation. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 283-294	10.2	77
49	An optimal fault detection approach for piecewise affine systems via diagnostic observers. <i>Automatica</i> , 2017 , 85, 256-263	5.7	15
48	Autonomous Collision-Free Navigation of Microvehicles in Complex and Dynamically Changing Environments. <i>ACS Nano</i> , 2017 , 11, 9268-9275	16.7	78
47	Distributed Fuzzy H_{∞} Filtering for Nonlinear Multirate Networked Double-Layer Industrial Processes. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 5203-5211	8.9	68
46	Non-fragile control of fuzzy affine dynamic systems via piecewise Lyapunov functions. <i>Frontiers of Computer Science</i> , 2017 , 11, 937-947	2.2	5
45	A Novel Approach to Reliable Control of Piecewise Affine Systems With Actuator Faults. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 957-961	3.5	73
44	A New Design of H_{∞} -Infinity Piecewise Filtering for Discrete-Time Nonlinear Time-Varying Delay Systems via T _S Fuzzy Affine Models. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2034-2047	7.3	100

43	Data-Based Optimal Control for Networked Double-Layer Industrial Processes. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4179-4186	8.9	50
42	Fuzzy-Model-Based Reliable Static Output Feedback \mathscr{H}_{∞} Control of Nonlinear Hyperbolic PDE Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 388-400	8.3	323
41	A Combined Adaptive Neural Network and Nonlinear Model Predictive Control for Multirate Networked Industrial Process Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 416-25	10.3	419
40	Weighted Fuzzy Observer-Based Fault Detection Approach for Discrete-Time Nonlinear Systems via Piecewise-Fuzzy Lyapunov Functions. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 1320-1333	8.3	107
39	A Switched System Approach to Exponential Stabilization of Sampled-Data T-S Fuzzy Systems With Packet Dropouts. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 3145-3156	10.2	117
38	Recent Advances on Fuzzy-Model-Based Nonlinear Networked Control Systems: A Survey. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 1207-1217	8.9	246
37	Performance-Based Adaptive Fuzzy Tracking Control for Networked Industrial Processes. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1760-70	10.2	102
36	Mode-dependent nonrational output feedback control for continuous-time semi-Markovian jump systems with time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2015 , 16, 52-71	4.5	110
35	Model approximation for two-dimensional Markovian jump systems with state-delays and imperfect mode information. <i>Multidimensional Systems and Signal Processing</i> , 2015 , 26, 575-597	1.8	86
34	Adaptive Fuzzy Backstepping Control for A Class of Nonlinear Systems With Sampled and Delayed Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 302-312	8.3	197
33	Quantized Filtering for Continuous-Time Markovian Jump Systems with Deficient Mode Information. <i>Asian Journal of Control</i> , 2015 , 17, 1914-1923	1.7	127
32	T \mathscr{B} Fuzzy affine model based non-synchronized state estimation for nonlinear It \mathscr{O} stochastic systems. <i>Neurocomputing</i> , 2015 , 167, 424-433	5.4	9
31	A new design of robust H \mathscr{B} sliding mode control for uncertain stochastic T-S fuzzy time-delay systems. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 1556-66	10.2	65
30	Networked Multirate Output Feedback Control for Setpoints Compensation and Its Application to Rougher Flotation Process. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 460-468	8.9	105
29	New results on dynamic output feedback control for Markovian jump systems with time-varying delay and defective mode information. <i>Optimal Control Applications and Methods</i> , 2014 , 35, 656-675	1.7	172
28	Robust \mathscr{H}_{∞} Control for Stochastic T \mathscr{B} Fuzzy Systems via Integral Sliding-Mode Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 870-881	8.3	34
27	model reduction for continuous-time Markovian jump systems with incomplete statistics of mode information. <i>International Journal of Systems Science</i> , 2014 , 45, 1496-1507	2.3	111
26	Robust \mathscr{H}_{∞} Control of T \mathscr{B} Fuzzy Time-Delay Systems via a New Sliding-Mode Control Scheme. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 459-465	8.3	59

25	Exponential H _∞ Filtering for Discrete-Time Switched State-Delay Systems Under Asynchronous Switching. <i>Asian Journal of Control</i> , 2013 , 15, 479-488	1.7	11
24	. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 245-261	8.3	227
23	Universal Fuzzy Models and Universal Fuzzy Controllers for Stochastic Nonaffine Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 328-341	8.3	65
22	A new design of H _∞ Filtering for continuous-time Markovian jump systems with time-varying delay and partially accessible mode information. <i>Signal Processing</i> , 2013 , 93, 2392-2407	4.4	102
21	New approach to delay-dependent H _∞ filtering for discrete-time Markovian jump systems with time-varying delay and incomplete transition descriptions. <i>IET Control Theory and Applications</i> , 2013 , 7, 684-696	2.5	70
20	H _∞ Model Reduction for Discrete-Time Markovian Jump Systems with Deficient Mode Information. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	2
19	H _∞ Control for Two-Dimensional Markovian Jump Systems with State-Delays and Defective Mode Information. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	1
18	Nonsynchronized robust filtering design for continuous-time T _S fuzzy affine dynamic systems based on piecewise Lyapunov functions. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 1755-66	10.2	131
17	T-S-Fuzzy-Model-Based Approximation and Controller Design for General Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 1143-54		64
16	Universal fuzzy controllers based on generalized T _S fuzzy models. <i>Fuzzy Sets and Systems</i> , 2012 , 201, 55-70	3.7	43
15	Observer-Based Piecewise Affine Output Feedback Controller Synthesis of Continuous-Time T _S Fuzzy Affine Dynamic Systems Using Quantized Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 1046-1062	8.3	194
14	A Fuzzy Approach to Robust Control of Stochastic Nonaffine Nonlinear Systems. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-17	1.1	3
13	Nonsynchronized-State Estimation of Multichannel Networked Nonlinear Systems With Multiple Packet Dropouts Via T _S Fuzzy-Affine Dynamic Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 75-90	8.3	112
12	Asynchronous Output-Feedback Control of Networked Nonlinear Systems With Multiple Packet Dropouts: T _S Fuzzy Affine Model-Based Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 1014-1030	8.3	175
11	A new approach to stability analysis and stabilization of discrete-time T-S fuzzy time-varying delay systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 273-86		333
10	A novel approach to coordination of multiple robots with communication failures via proximity graph. <i>Automatica</i> , 2011 , 47, 1800-1805	5.7	33
9	Fuzzy-Model-Based Piecewise \mathcal{H}_∞ Static-Output-Feedback Controller Design for Networked Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2010 , 18, 919-934	8.3	269
8	A new design of delay-dependent robust H _∞ Filtering for continuous-time polytopic systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 346-365	3.6	44

7	Delay-dependent non-synchronized robust H_{∞} state estimation for discrete-time piecewise linear delay systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2009 , 23, 1082-1096	2.8	20
6	New approaches to delay-dependent robust H_{∞} control of uncertain discrete-time T-S fuzzy systems with time-varying delay. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2009 , 4, 378-391		
5	New results on robust H_{∞} filtering design for discrete-time piecewise linear delay systems. <i>International Journal of Control</i> , 2009 , 82, 183-194	1.5	25
4	A New Design of Delay-Dependent Robust H_{∞} Filtering for Discrete-Time T-S Fuzzy Systems With Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 1044-1058	8.3	306
3	Improved Delay-Dependent H_{∞} Filtering Design for Discrete-Time Polytopic Linear Delay Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 178-182	3.5	88
2	Improved delay-dependent robust H_{∞} filtering of continuous-time polytopic linear systems with time-varying delay 2008 ,		1
1	Delay-dependent robust strictly passive analysis for a class of uncertain discrete singular time-delay systems 2008 ,		1