Jianbin Qiu

List of Publications by Citations

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	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, 416-25	10.3	419
131	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, 273-86		333
130	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	8.3	323
129	Observer-Based Fuzzy Adaptive Event-Triggered Control for Pure-Feedback Nonlinear Systems With Prescribed Performance. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 2152-2162	8.3	309
128	A New Design of Delay-Dependent Robust ${\cal H}_{\bm \infty}$ Filtering for Discrete-Time T--S Fuzzy Systems With Time-Varying Delay. *IEEE Transactions on Fuzzy Systems*, **2009**, 17, 1044-1058	8.3	306
127	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	3.9	277
126	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	8.3	269
125	Recent Advances on Fuzzy-Model-Based Nonlinear Networked Control Systems: A Survey. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 1207-1217	8.9	246
124	Adaptive Fuzzy Control for Nontriangular Structural Stochastic Switched Nonlinear Systems With Full State Constraints. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1587-1601	8.3	232
123	. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 245-261	8.3	227
122	Descriptor reduced-order sliding mode observers design for switched systems with sensor and actuator faults. *Automatica*, **2017**, 76, 282-292	5.7	198
121	Adaptive Fuzzy Backstepping Control for A Class of Nonlinear Systems With Sampled and Delayed Measurements. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 302-312	8.3	197
120	Observer-Based Piecewise Affine Output Feedback Controller Synthesis of Continuous-Time TS Fuzzy Affine Dynamic Systems Using Quantized Measurements. *IEEE Transactions on Fuzzy Systems*, **2012**, 20, 1046-1062	8.3	194
119	Asynchronous Output-Feedback Control of Networked Nonlinear Systems With Multiple Packet Dropouts: TS Fuzzy Affine Model-Based Approach. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 1014-1030	8.3	175
118	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	1.7	172
117	Approaches to TS Fuzzy-Affine-Model-Based Reliable Output Feedback Control for Nonlinear Itô Stochastic Systems. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 569-583	8.3	158
116	Nonsynchronized robust filtering design for continuous-time TS fuzzy affine dynamic systems based on piecewise Lyapunov functions. *IEEE Transactions on Cybernetics*, **2013**, 43, 1755-66	10.2	131

115	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	10.2	130
114	Quantized Filtering for Continuous-Time Markovian Jump Systems with Deficient Mode Information. *Asian Journal of Control*, **2015**, 17, 1914-1923	1.7	127
113	A Switched System Approach to Exponential Stabilization of Sampled-Data T-S Fuzzy Systems With Packet Dropouts. *IEEE Transactions on Cybernetics*, **2016**, 46, 3145-3156	10.2	117
112	Nonsynchronized-State Estimation of Multichannel Networked Nonlinear Systems With Multiple Packet Dropouts Via T–S Fuzzy-Affine Dynamic Models. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 75-90	8.3	112
111	model reduction for continuous-time Markovian jump systems with incomplete statistics of mode information. *International Journal of Systems Science*, **2014**, 45, 1496-1507	2.3	111
110	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	4.5	110
109	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	8.3	107
108	Networked Multirate Output Feedback Control for Setpoints Compensation and Its Application to Rougher Flotation Process. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 460-468	8.9	105
107	A new design of H_∞ filtering for continuous-time Markovian jump systems with time-varying delay and partially accessible mode information. *Signal Processing*, **2013**, 93, 2392-2407	4.4	102
106	Performance-Based Adaptive Fuzzy Tracking Control for Networked Industrial Processes. *IEEE Transactions on Cybernetics*, **2016**, 46, 1760-70	10.2	102
105	A New Design of H -Infinity Piecewise Filtering for Discrete-Time Nonlinear Time-Varying Delay Systems via T–S Fuzzy Affine Models. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2034-2047	7.3	100
104	Fuzzy Adaptive Finite-Time Fault-Tolerant Control for Strict-Feedback Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 786-796	8.3	94
103	Adaptive Neural Control of Stochastic Nonlinear Time-Delay Systems With Multiple Constraints. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1875-1883	7.3	93
102	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	3.5	88
101	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	8.3	86
100	Model approximation for two-dimensional Markovian jump systems with state-delays and imperfect mode information. *Multidimensional Systems and Signal Processing*, **2015**, 26, 575-597	1.8	86
99	Reliable Control of Discrete-Time Piecewise-Affine Time-Delay Systems via Output Feedback. *IEEE Transactions on Reliability*, **2018**, 67, 79-91	4.6	86
98	Diagnostic Observer Design for T–S Fuzzy Systems: Application to Real-Time-Weighted Fault-Detection Approach. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 805-816	8.3	85

97	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	3.9	83
96	Autonomous Collision-Free Navigation of Microvehicles in Complex and Dynamically Changing Environments. *ACS Nano*, **2017**, 11, 9268-9275	16.7	78
95	A Novel Memory Filtering Design for Semi-Markovian Jump Time-Delay Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2229-2241	7.3	78
94	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	10.2	77
93	Real-Time Fault Detection Approach for Nonlinear Systems and its Asynchronous T-S Fuzzy Observer-Based Implementation. *IEEE Transactions on Cybernetics*, **2017**, 47, 283-294	10.2	77
92	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	10.2	75
91	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	8.3	73
90	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	3.5	73
89	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	2.5	70
88	Event-Triggered Robust Fuzzy Adaptive Finite-Time Control of Nonlinear Systems With Prescribed Performance. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1460-1471	8.3	70
87	Asymptotic Tracking Control for a More Representative Class of Uncertain Nonlinear Systems With Mismatched Uncertainties. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 9417-9427	8.9	69
86	Distributed Fuzzy H_{∞} Filtering for Nonlinear Multirate Networked Double-Layer Industrial Processes. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 5203-5211	8.9	68
85	A new design of robust H∞sliding mode control for uncertain stochastic T-S fuzzy time-delay systems. *IEEE Transactions on Cybernetics*, **2014**, 44, 1556-66	10.2	65
84	Universal Fuzzy Models and Universal Fuzzy Controllers for Stochastic Nonaffine Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 328-341	8.3	65
83	Event-Triggered Robust Adaptive Fuzzy Control for a Class of Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1648-1658	8.3	65
82	T-S-Fuzzy-Model-Based Approximation and Controller Design for General Nonlinear Systems. *IEEE Transactions on Systems, Man, and Cybernetics*, **2012**, 42, 1143-54		64
81	Robust ${\mathscr H}_{\infty}$ Control of T–S Fuzzy Time-Delay Systems via a New Sliding-Mode Control Scheme. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 459-465	8.3	59
80	Adaptive Fuzzy Sliding Mode Control for Network-Based Nonlinear Systems With Actuator Failures. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 1311-1323	8.3	53

79	Data-Based Optimal Control for Networked Double-Layer Industrial Processes. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4179-4186	8.9	50
78	A Novel Fuzzy Observer-Based Steering Control Approach for Path Tracking in Autonomous Vehicles. *IEEE Transactions on Fuzzy Systems*, **2018**, 1-1	8.3	46
77	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	7.3	45
76	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	10.2	44
75	Finite Frequency Memory Output Feedback Controller Design for TS Fuzzy Dynamical Systems. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 3301-3313	8.3	44
74	A new design of delay-dependent robust H Filtering for continuous-time polytopic systems with time-varying delay. *International Journal of Robust and Nonlinear Control*, **2010**, 20, 346-365	3.6	44
73	Universal fuzzy controllers based on generalized TS fuzzy models. *Fuzzy Sets and Systems*, **2012**, 201, 55-70	3.7	43
72	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	3.9	41
71	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	8.3	39
70	Fuzzy-Model-Based Output Feedback Sliding-Mode Control for Discrete-Time Uncertain Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 1519-1530	8.3	37
69	Robust $\mathscr{H}_{\infty}$ Control for Stochastic TS Fuzzy Systems via Integral Sliding-Mode Approach. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 870-881	8.3	34
68	A Novel Piecewise Affine Filtering Design for T-S Fuzzy Affine Systems Using Past Output Measurements. *IEEE Transactions on Cybernetics*, **2020**, 50, 1509-1518	10.2	34
67	A novel approach to coordination of multiple robots with communication failures via proximity graph. *Automatica*, **2011**, 47, 1800-1805	5.7	33
66	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	3.9	31
65	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	3.9	29
64	Finite-Time Adaptive Fuzzy Control for Nonstrict-Feedback Nonlinear Systems Via an Event-Triggered Strategy. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2164-2174	8.3	26
63	New results on robust H Filtering design for discrete-time piecewise linear delay systems. *International Journal of Control*, **2009**, 82, 183-194	1.5	25
62	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	10.2	24

61	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	3.5	23
60	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	8.3	23
59	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	7.3	21
58	Recognition and Pose Estimation of Auto Parts for an Autonomous Spray Painting Robot. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 1709-1719	11.9	21
57	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	2.8	20
56	Adaptive Fuzzy Decentralized Tracking Control for Large-Scale Interconnected Nonlinear Networked Control Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	20
55	. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1428-1440	8.3	20
54	Event-Triggered Adaptive Fuzzy Tracking Control for Pure-Feedback Stochastic Nonlinear Systems With Multiple Constraints. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1496-1506	8.3	20
53	Asynchronous Sampled-Data Filtering Design for Fuzzy-Affine-Model-Based Stochastic Nonlinear Systems. *IEEE Transactions on Cybernetics*, **2021**, 51, 3964-3974	10.2	18
52	A Novel Fuzzy Output Feedback Dynamic Sliding Mode Controller Design for Two-Dimensional Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	16
51	Fuzzy-Affine-Model-Based Sampled-Data Filtering Design for Stochastic Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	16
50	An optimal fault detection approach for piecewise affine systems via diagnostic observers. *Automatica*, **2017**, 85, 256-263	5.7	15
49	A Partial Least Squares Aided Intelligent Model Predictive Control Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2013-2021	7.3	12
48	Fuzzy Observer Based Control for Nonlinear Coupled Hyperbolic PDE-ODE Systems. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1332-1346	8.3	12
47	Disturbance Observer-Based Adaptive Fuzzy Control for Strict-Feedback Nonlinear Systems with Finite-Time Prescribed Performance. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	12
46	Exponential H∞ Filtering for Discrete-Time Switched State-Delay Systems Under Asynchronous Switching. *Asian Journal of Control*, **2013**, 15, 479-488	1.7	11
45	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	8.9	11
44	New Results on Fuzzy Integral Sliding Mode Control of Nonlinear Singularly Perturbed Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	11

43	. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 457-470	8.3	11
42	A Locally Weighted Project Regression Approach-Aided Nonlinear Constrained Tracking Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 5870-5879	10.3	11
41	Decentralized Fixed-Order Piecewise Affine Dynamic Output Feedback Controller Design for Discrete-Time Nonlinear Large-Scale Systems. *IEEE Access*, **2017**, 5, 1977-1989	3.5	10
40	Event-Triggered Adaptive Fuzzy Output-Feedback Control for Nonstrict-Feedback Nonlinear Systems With Asymmetric Output Constraint. *IEEE Transactions on Cybernetics*, **2020**,	10.2	10
39	Event-Triggered Adaptive Fuzzy Fault-Tolerant Control for Stochastic Nonlinear Systems via Command Filtering. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-11	7.3	10
38	State and Fault Observer Design for Switched Systems via an Adaptive Fuzzy Approach. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2107-2118	8.3	10
37	TS fuzzy affine model based non-synchronized state estimation for nonlinear Itô stochastic systems. *Neurocomputing*, **2015**, 167, 424-433	5.4	9
36	Membership-Function-Dependent Fault Detection Filtering Design for Interval Type-2 TS Fuzzy Systems in Finite Frequency Domain. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	9
35	Fault Detection Filtering Design for Discrete-Time Interval Type-2 TS Fuzzy Systems in Finite Frequency Domain. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 213-225	8.3	9
34	TS Fuzzy-Affine-Model-Based Reliable Output Feedback Control of Nonlinear Systems with Actuator Faults. *Circuits, Systems, and Signal Processing*, **2018**, 37, 81-97	2.2	8
33	Finite Frequency H_{∞} Deconvolution With Application to Approximated Bandlimited Signal Recovery. *IEEE Transactions on Automatic Control*, **2018**, 63, 203-210	5.9	8
32	Region Stabilization of Switched Neural Networks With Multiple Modes and Multiple Equilibria: A Pole Assignment Method. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**,	10.3	8
31	A novel approach to sampled-data filter design for piecewise-affine systems. *Automatica*, **2019**, 109, 108481	5.7	7
30	Finite-time fuzzy adaptive quantized output feedback control of triangular structural systems. *Information Sciences*, **2021**, 557, 153-169	7.7	7
29	Filtering Design for Multirate Sampled-Data Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4224-4232	7.3	7
28	Hierarchical Multiobjective Heuristic for PCB Assembly Optimization in a Beam-Head Surface Mounter. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	6
27	Non-fragile control of fuzzy affine dynamic systems via piecewise Lyapunov functions. *Frontiers of Computer Science*, **2017**, 11, 937-947	2.2	5
26	Asynchronous Decentralized Fuzzy Observer-Based Output Feedback Control of Nonlinear Large-Scale Systems. *International Journal of Fuzzy Systems*, **2019**, 21, 19-32	3.6	5

25	Precise Positioning of Circular Mark Points and Transistor Components in Surface Mounting Technology Applications. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 2534-2544	11.9	5
24	Cell Division Genetic Algorithm for Component Allocation Optimization in Multifunctional Placers. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	5
23	Complex Workpiece Positioning System With Nonrigid Registration Method for 6-DoFs Automatic Spray Painting Robot. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-9	7.3	4
22	Finite-Frequency Fuzzy Output Feedback Controller Design for Roesser-Type Two-Dimensional Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 861-873	8.3	4
21	A Fuzzy Approach to Robust Control of Stochastic Nonaffine Nonlinear Systems. *Mathematical Problems in Engineering*, **2012**, 2012, 1-17	1.1	3
20	Reachable Set Estimation for Markovian Jump Neutral-Type Neural Networks With Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2020**,	10.2	3
19	A new design of output feedback sliding mode controller for T-S fuzzy-affine systems. *Asian Journal of Control*, **2021**, 23, 1658-1670	1.7	3
18	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	10.3	3
17	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	2
16	A Semi-Supervised Learning Approach for Identification of Piecewise Affine Systems. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 3521-3532	3.9	2
15	A New Sampled-Data Output-Feedback Controller Design of Nonlinear Systems via Fuzzy Affine Models. *IEEE Transactions on Cybernetics*, **2020**,	10.2	2
14	Boundary observer-based control for hyperbolic PDE‐ODE cascade systems with stochastic jumps. *Automatica*, **2020**, 119, 109089	5.7	2
13	H∞ Model Reduction for Discrete-Time Markovian Jump Systems with Deficient Mode Information. *Mathematical Problems in Engineering*, **2013**, 2013, 1-11	1.1	2
12	Adaptive Fuzzy Risk-Sensitive Control for Stochastic Strict-Feedback Nonlinear Systems with Unknown Uncertainties. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	2
11	Region stability and stabilisation of switched linear systems with multiple equilibria. *International Journal of Control*, **2019**, 92, 1061-1083	1.5	2
10	Online Identification of Piecewise Affine Systems Using Integral Concurrent Learning. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 4324-4336	3.9	2
9	H∞ 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
8	Improved delay-dependent robust H∞ filtering of continuous-time polytopic linear systems with time-varying delay **2008**,		1

List of Publications

7	Delay-dependent robust strictly passive analysis for a class of uncertain discrete singular time-delay systems **2008**,		1
6	An Asynchronized Observer based Fault Detection Approach for Uncertain Switching Systems with Mode Estimation. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	1
5	An Estimator-Based Dynamic Event-Triggered Protocol for Linear Multiagent Systems **2022**, 6, 2629-2634		1
4	Visual-Based Contact Detection for Automated Zebrafish Larva Heart Microinjection. *IEEE Transactions on Automation Science and Engineering*, **2020**, 1-11	4.9	0
3	A novel recursive approach for online identification of continuous-time switched nonlinear systems. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 7546-7565	3.6	0
2	A New Design of Asynchronous Observer-Based Output-Feedback Control for Piecewise-Affine Systems **2019**, 3, 338-343		0
1	New approaches to delay-dependent robust H 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		