

# Michael Shi

## List of Publications by Year in descending order

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802  
papers

61,323  
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835  
docs citations

835  
times ranked

13829  
citing authors





#	ARTICLE	IF	CITATIONS
37	Adaptive Fuzzy Control of Strict-Feedback Nonlinear Time-Delay Systems With Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2016, 46, 1926-1938.	6.2	308
38	Network-based feedback control for systems with mixed delays based on quantization and dropout compensation. Automatica, 2011, 47, 2805-2809.	3.0	307
39	Robust Adaptive Sliding-Mode Control for Fuzzy Systems With Mismatched Uncertainties. IEEE Transactions on Fuzzy Systems, 2010, 18, 700-711.	6.5	305
40	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
41	Observer and Command-Filter-Based Adaptive Fuzzy Output Feedback Control of Uncertain Nonlinear Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 5962-5970.	5.2	301
42	Robust sampled-data $\int_0^{\infty} e^{-\lambda t} dt = \frac{1}{\lambda}$ control with stochastic sampling. Automatica, 2009, 45, 1729-1736.	3.0	299
43	Sensor fault estimation and tolerant control for $\mathbb{R}^n$ stochastic systems with a descriptor sliding mode approach. Automatica, 2013, 49, 1242-1250.	3.0	298
44	Cooperative Adaptive Fuzzy Tracking Control for Networked Unknown Nonlinear Multiagent Systems With Time-Varying Actuator Faults. IEEE Transactions on Fuzzy Systems, 2014, 22, 494-504.	6.5	297
45	A survey on Markovian jump systems: Modeling and design. International Journal of Control, Automation and Systems, 2015, 13, 1-16.	1.6	288
46	New Results on Stability of Slowly Switched Systems: A Multiple Discontinuous Lyapunov Function Approach. IEEE Transactions on Automatic Control, 2017, 62, 3502-3509.	3.6	288
47	Stability and stabilization of continuous-time singular hybrid systems. Automatica, 2009, 45, 1504-1509.	3.0	286
48	Sampled-data control of networked linear control systems. Automatica, 2007, 43, 903-911.	3.0	283
49	Predictive Output Feedback Control for Networked Control Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 512-520.	5.2	283
50	Fault-Tolerant Control for Nonlinear Markovian Jump Systems via Proportional and Derivative Sliding Mode Observer Technique. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2755-2764.	3.5	276
51	Stability, $\mathcal{L}_2$ -Gain and Asynchronous $H_{\infty}$ Control of Discrete-Time Switched Systems With Average Dwell Time. IEEE Transactions on Automatic Control, 2009, 54, 2192-2199.	3.6	275
52	Neural-Network-Based Decentralized Adaptive Output-Feedback Control for Large-Scale Stochastic Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1608-1619.	5.5	275
53	Fault-Tolerant Sliding-Mode-Observer Synthesis of Markovian Jump Systems Using Quantized Measurements. IEEE Transactions on Industrial Electronics, 2015, 62, 5910-5918.	5.2	272
54	Neural Network-Based Adaptive Dynamic Surface Control for Permanent Magnet Synchronous Motors. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 640-645.	7.2	265

#	ARTICLE	IF	CITATIONS
55	Exponential Synchronization of Neural Networks With Discrete and Distributed Delays Under Time-Varying Sampling. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1368-1376.	7.2	263
56	Model Approximation for Discrete-Time State-Delay Systems in the Tâ€“S Fuzzy Framework. IEEE Transactions on Fuzzy Systems, 2011, 19, 366-378.	6.5	260
57	Sampled-Data Fuzzy Control of Chaotic Systems Based on a Tâ€“S Fuzzy Model. IEEE Transactions on Fuzzy Systems, 2014, 22, 153-163.	6.5	259
58	Dissipativity-Based Filtering for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Automatic Control, 2016, 61, 1694-1699.	3.6	259
59	Filtering on sampled-data systems with parametric uncertainty. IEEE Transactions on Automatic Control, 1998, 43, 1022-1027.	3.6	256
60	Filtering for Discrete-Time Networked Nonlinear Systems With Mixed Random Delays and Packet Dropouts. IEEE Transactions on Automatic Control, 2011, 56, 2655-2660.	3.6	252
61	Backstepping controller design for a class of stochastic nonlinear systems with Markovian switching. Automatica, 2009, 45, 997-1004.	3.0	250
62	Robust Fault Detection for Switched Linear Systems With State Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 800-805.	5.5	250
63	$H_{\infty}$ Filtering for Discrete-Time Systems With Stochastic Incomplete Measurement and Mixed Delays. IEEE Transactions on Industrial Electronics, 2012, 59, 2732-2739.	5.2	245
64	Stochastic stability analysis for 2-D Roesser systems with multiplicative noise. Automatica, 2016, 69, 356-363.	3.0	242
65	Fault Detection for Uncertain Fuzzy Systems: An LMI Approach. IEEE Transactions on Fuzzy Systems, 2007, 15, 1251-1262.	6.5	239
66	Distributed command filtered backstepping consensus tracking control of nonlinear multiple-agent systems in strict-feedback form. Automatica, 2015, 53, 120-124.	3.0	234
67	A novel approach to output feedback control of fuzzy stochastic systems. Automatica, 2014, 50, 3268-3275.	3.0	232
68	Consensus Tracking Control of Switched Stochastic Nonlinear Multiagent Systems via Event-Triggered Strategy. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1036-1045.	7.2	231
69	Robust filtering for jumping systems with mode-dependent delays. Signal Processing, 2006, 86, 140-152.	2.1	230
70	Mixed H-Infinity and Passive Filtering for Discrete Fuzzy Neural Networks With Stochastic Jumps and Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 903-909.	7.2	230
71	Finite-Time Distributed State Estimation Over Sensor Networks With Round-Robin Protocol and Fading Channels. IEEE Transactions on Cybernetics, 2018, 48, 336-345.	6.2	229
72	Finite-Time Consensus of Second-Order Switched Nonlinear Multi-Agent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1757-1762.	7.2	222



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91	Model Approximation for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Fuzzy Systems, 2015, 23, 1458-1473.	6.5	199
92	Transition probability bounds for the stochastic stability robustness of continuous- and discrete-time Markovian jump linear systems. Automatica, 2006, 42, 2159-2168.	3.0	194
93	$\mathcal{L}_2$ - $\mathcal{L}_\infty$ Model Reduction for Switched LPV Systems With Average Dwell Time. IEEE Transactions on Automatic Control, 2008, 53, 2443-2448.	3.6	194
94	Output Feedback Control of Markovian Jump Repeated Scalar Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 199-204.	3.6	193
95	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
96	Sliding Mode Control of Singular Stochastic Markov Jump Systems. IEEE Transactions on Automatic Control, 2017, 62, 4266-4273.	3.6	192
97	Adaptive Neural Tracking Control for a Class of Nonlinear Systems With Dynamic Uncertainties. IEEE Transactions on Cybernetics, 2017, 47, 3075-3087.	6.2	192
98	Adaptive fuzzy tracking control for a class of perturbed strict-feedback nonlinear time-delay systems. Fuzzy Sets and Systems, 2008, 159, 949-967.	1.6	190
99	Adaptive fault-tolerant compensation control for Markovian jump systems with mismatched external disturbance. Automatica, 2015, 58, 5-14.	3.0	190
100	Receding Horizon Stabilization and Disturbance Attenuation for Neural Networks With Time-Varying Delay. IEEE Transactions on Cybernetics, 2015, 45, 2680-2692.	6.2	189
101	Exponential $H_\infty$ filtering for uncertain discrete-time switched linear systems with average dwell time: A $\mu$ -dependent approach. International Journal of Robust and Nonlinear Control, 2008, 18, 1188-1207.	2.1	187
102	Consensus of Multiagent Systems Using Aperiodic Sampled-Data Control. IEEE Transactions on Cybernetics, 2016, 46, 2132-2143.	6.2	186
103	Stochastic Stability of Ito Differential Equations With Semi-Markovian Jump Parameters. IEEE Transactions on Automatic Control, 2006, 51, 1383-1387.	3.6	183
104	Fault Estimation Observer Design for Discrete-Time Takagi-Sugeno Fuzzy Systems Based on Piecewise Lyapunov Functions. IEEE Transactions on Fuzzy Systems, 2012, 20, 192-200.	6.5	182
105	Local Synchronization of Chaotic Neural Networks With Sampled-Data and Saturating Actuators. IEEE Transactions on Cybernetics, 2014, 44, 2635-2645.	6.2	182
106	Exponential Stability on Stochastic Neural Networks With Discrete Interval and Distributed Delays. IEEE Transactions on Neural Networks, 2010, 21, 169-175.	4.8	179
107	Reliable $H_\infty$ Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delay. IEEE Transactions on Fuzzy Systems, 2012, 20, 22-31.	6.5	175
108	Cooperative Control of Multi-Agent Systems With Unknown State-Dependent Controlling Effects. IEEE Transactions on Automation Science and Engineering, 2015, 12, 827-834.	3.4	175



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109	Delay-Dependent Stability Analysis for Switched Neural Networks With Time-Varying Delay. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1522-1530.	5.5	174
110	$\frac{H}{\omega} \hat{a}^{\omega}$ fault detection observer in finite frequency domain for linear parameter-varying descriptor systems. Automatica, 2017, 86, 38-45.	5.0	174
111	Event-Triggered Pinning Control for Consensus of Multiagent Systems With Quantized Information. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1929-1938.	5.9	174
112	Sampled-Data Synchronization of Chaotic Lur'e Systems With Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 410-421.	7.2	173
113	Neural-networked adaptive tracking control for switched nonlinear pure-feedback systems under arbitrary switching. Automatica, 2015, 61, 119-125.	3.0	173
114	Stability analysis and stabilization of 2-D switched systems under arbitrary and restricted switchings. Automatica, 2015, 59, 206-215.	3.0	169
115	Adaptive Fuzzy Control of Nonlinear Systems With Unknown Dead Zones Based on Command Filtering. IEEE Transactions on Fuzzy Systems, 2018, 26, 46-55.	6.5	168
116	Dissipativity-Based Sampled-Data Fuzzy Control Design and its Application to Truck-Trailer System. IEEE Transactions on Fuzzy Systems, 2015, 23, 1669-1679.	6.5	167
117	Fuzzy Adaptive Control Design and Discretization for a Class of Nonlinear Uncertain Systems. IEEE Transactions on Cybernetics, 2016, 46, 1476-1483.	6.2	167
118	Robust Output Feedback Tracking Control for Time-Delay Nonlinear Systems Using Neural Network. IEEE Transactions on Neural Networks, 2007, 18, 495-505.	4.8	164
119	Stochastic stability of semi-Markovian jump systems with mode-dependent delays. International Journal of Robust and Nonlinear Control, 2014, 24, 3317-3330.	2.1	164
120	Observer-Based Fuzzy Adaptive Output-Feedback Control of Stochastic Nonlinear Multiple Time-Delay Systems. IEEE Transactions on Cybernetics, 2017, 47, 2568-2578.	6.2	163
121	Fuzzy-Model-Based Nonfragile Guaranteed Cost Control of Nonlinear Markov Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2388-2397.	5.9	163
122	Neural Network-Based Passive Filtering for Delayed Neutral-Type Semi-Markovian Jump Systems. IEEE Transactions on Neural Networks and Learning Systems, 2016, 28, 1-14.	7.2	159
123	$H_{\infty}$ -Filter Design for a Class of Networked Control Systems Via $\mathcal{H}_{\infty}$ Fuzzy-Model Approach. IEEE Transactions on Fuzzy Systems, 2010, 18, 201-208.	6.5	158
124	A real-time collision avoidance learning system for Unmanned Surface Vessels. Neurocomputing, 2016, 182, 255-266.	3.5	157
125	Stability of Stochastic Nonlinear Systems With State-Dependent Switching. IEEE Transactions on Automatic Control, 2013, 58, 1904-1918.	3.6	154
126	Sliding Mode Control of Discrete-Time Switched Systems with Repeated Scalar Nonlinearities. IEEE Transactions on Automatic Control, 2017, 62, 4604-4610.	3.6	152



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127	Robust kalman filtering for continuous time-lag systems with markovian jump parameters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 98-105.	0.1	148
128	Adaptively Adjusted Event-Triggering Mechanism on Fault Detection for Networked Control Systems. IEEE Transactions on Cybernetics, 2017, 47, 2299-2311.	6.2	148
129	Adaptive Neural Command Filtering Control for Nonlinear MIMO Systems With Saturation Input and Unknown Control Direction. IEEE Transactions on Cybernetics, 2020, 50, 2536-2545.	6.2	148
130	RobustH $\tilde{z}$ filtering for switched linear discrete-time systems with polytopic uncertainties. International Journal of Adaptive Control and Signal Processing, 2006, 20, 291-304.	2.3	147
131	$\mathcal{H}_\infty$ Model Reduction of Takagi-Sugeno Fuzzy Stochastic Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1574-1585.	5.5	147
132	control of Markov jump time-delay systems under asynchronous controller and quantizer. Automatica, 2019, 99, 352-360.	3.0	146
133	Decentralized Adaptive Event-Triggered $\mathcal{H}_\infty$ Filtering for a Class of Networked Nonlinear Interconnected Systems. IEEE Transactions on Cybernetics, 2019, 49, 1570-1579.	6.2	144
134	Dissipativity-Based Reliable Control for Fuzzy Markov Jump Systems With Actuator Faults. IEEE Transactions on Cybernetics, 2017, 47, 2377-2388.	6.2	143
135	Induced $l_2$ filtering of fuzzy stochastic systems with time-varying delays. IEEE Transactions on Cybernetics, 2013, 43, 1251-1264.	6.2	142
136	Observer-based leader-following consensus of uncertain nonlinear multi-agent systems. International Journal of Robust and Nonlinear Control, 2017, 27, 3794-3811.	2.1	142
137	Sliding mode control of continuous-time Markovian jump systems with digital data transmission. Automatica, 2017, 80, 200-209.	3.0	142
138	Neural Networks-Based Distributed Adaptive Control of Nonlinear Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1010-1021.	7.2	142
139	Event-Based Formation Control for Nonlinear Multiagent Systems Under DoS Attacks. IEEE Transactions on Automatic Control, 2021, 66, 452-459.	3.6	141
140	Robust stochastic stabilization and	0.5	139
141	Novel Neural Networks-Based Fault Tolerant Control Scheme With Fault Alarm. IEEE Transactions on Cybernetics, 2014, 44, 2190-2201.	6.2	138
142	New bounded real lemma for discrete-time singular systems. Automatica, 2008, 44, 886-890.	3.0	137
143	Exponential $H_\infty$ filtering for switched linear systems with interval time-varying delay. International Journal of Robust and Nonlinear Control, 2009, 19, 532-551.	2.1	137
144	Adaptive Backstepping Controller Design for Stochastic Jump Systems. IEEE Transactions on Automatic Control, 2009, 54, 2853-2859.	3.6	137

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145	Adaptive output synchronization of heterogeneous network with an uncertain leader. Automatica, 2017, 76, 183-192.	3.0	135
146	Observer-based adaptive fuzzy tracking control of nonlinear systems with time delay and input saturation. Fuzzy Sets and Systems, 2017, 316, 49-68.	1.6	135
147	Robust Control of Continuous-Time Systems With State-Dependent Uncertainties and Its Application to Electronic Circuits. IEEE Transactions on Industrial Electronics, 2014, 61, 4161-4170.	5.2	133
148	Intelligent Tracking Control for a Class of Uncertain High-Order Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1976-1982.	7.2	133
149	Fuzzy Resilient Energy-to-Peak Filtering for Continuous-Time Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 1576-1588.	6.5	133
150	Robust Kalman Filters Based on Gaussian Scale Mixture Distributions With Application to Target Tracking. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2082-2096.	5.9	133
151	Event-triggered fuzzy filtering for a class of nonlinear networked control systems. Signal Processing, 2015, 113, 159-168.	2.1	131
152	Input-Output Approach to Control for Fuzzy Markov Jump Systems With Time-Varying Delays and Uncertain Packet Dropout Rate. IEEE Transactions on Cybernetics, 2015, 45, 2449-2460.	6.2	131
153	Deadbeat Dissipative FIR Filtering. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1210-1221.	3.5	131
154	Switched Fuzzy Output Feedback Control and Its Application to a Mass-Spring-Damping System. IEEE Transactions on Fuzzy Systems, 2016, 24, 1259-1269.	6.5	131
155	Decentralized Adaptive Fuzzy Tracking Control for Robot Finger Dynamics. IEEE Transactions on Fuzzy Systems, 2015, 23, 501-510.	6.5	130
156	Quantized Feedback Control of Fuzzy Markov Jump Systems. IEEE Transactions on Cybernetics, 2019, 49, 3375-3384.	6.2	130
157	Fuzzy Fault Detection Filter Design for S Fuzzy Systems in the Finite-Frequency Domain. IEEE Transactions on Fuzzy Systems, 2017, 25, 1051-1061.	6.5	128
158	Event-triggered control for networked Markovian jump systems. International Journal of Robust and Nonlinear Control, 2015, 25, 3422-3438.	2.1	126
159	Fault Estimation Sliding-Mode Observer With Digital Communication Constraints. IEEE Transactions on Automatic Control, 2018, 63, 3434-3441.	3.6	126
160	Distributed Hybrid Particle/FIR Filtering for Mitigating NLOS Effects in TOA-Based Localization Using Wireless Sensor Networks. IEEE Transactions on Industrial Electronics, 2017, 64, 5182-5191.	5.2	125
161	Fuzzy adaptive backstepping robust control for SISO nonlinear system with dynamic uncertainties. Information Sciences, 2009, 179, 1319-1332.	4.0	124
162	Weighted Fuzzy Spiking Neural P Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 209-220.	6.5	124

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163	Reliable Control of Fuzzy Singularly Perturbed Systems and Its Application to Electronic Circuits. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3519-3528.	3.5	123
164	Fault detection filtering for nonlinear switched systems via event-triggered communication approach. Automatica, 2019, 101, 365-376.	3.0	122
165	Stochastic stability and guaranteed cost control of discrete-time uncertain systems with Markovian jumping parameters. International Journal of Robust and Nonlinear Control, 1998, 8, 1155-1167.	2.1	121
166	Robust sampled-data control for Markovian jump linear systems. Automatica, 2006, 42, 2025-2030.	3.0	120
167	Analysis and Design of Robust $H_\infty$ Fault Estimation Observer With Finite-Frequency Specifications for Discrete-Time Fuzzy Systems. IEEE Transactions on Cybernetics, 2015, 45, 1225-1235.	6.2	119
168	Robust stability, stabilization and $H_\infty$ control of time-delay systems with Markovian jump parameters. International Journal of Robust and Nonlinear Control, 2003, 13, 755-784.	2.1	116
169	Static Output Feedback Control of Switched Nonlinear Systems With Actuator Faults. IEEE Transactions on Fuzzy Systems, 2020, 28, 1600-1609.	6.5	116
170	Reliable Mixed $H_2/H_\infty$ and Passivity-Based Control for Fuzzy Markovian Switching Systems With Probabilistic Time Delays and Actuator Failures. IEEE Transactions on Cybernetics, 2015, 45, 2720-2731.	6.2	115
171	Exponential $H_\infty$ Filtering for Discrete-Time Switched Neural Networks With Random Delays. IEEE Transactions on Cybernetics, 2015, 45, 676-687.	6.2	115
172	Exponential Synchronization for Markovian Stochastic Coupled Neural Networks of Neutral-Type via Adaptive Feedback Control. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1618-1632.	7.2	115
173	Two equivalent sets: Application to singular systems. Automatica, 2017, 77, 198-205.	3.0	114
174	Event-Based Secure Consensus of Multiagent Systems Against DoS Attacks. IEEE Transactions on Cybernetics, 2020, 50, 3468-3476.	6.2	114
175	Robust Control of Stochastic Systems Against Bounded Disturbances With Application to Flight Control. IEEE Transactions on Industrial Electronics, 2014, 61, 1504-1515.	5.2	113
176	Passivity and Passification for a Class of Uncertain Switched Stochastic Time-Delay Systems. IEEE Transactions on Cybernetics, 2013, 43, 3-13.	6.2	112
177	Robust Estimation for Neural Networks With Randomly Occurring Distributed Delays and Markovian Jump Coupling. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 845-855.	7.2	112
178	Adaptive Synchronization for Neutral-Type Neural Networks with Stochastic Perturbation and Markovian Switching Parameters. IEEE Transactions on Cybernetics, 2014, 44, 2848-2860.	6.2	111
179	Filtering for Discrete-Time Switched Fuzzy Systems With Quantization. IEEE Transactions on Fuzzy Systems, 2017, 25, 1616-1628.	6.5	110
180	A New Design of $H_\infty$ 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.	5.9	110

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181	Model-Free Adaptive Discrete-Time Integral Sliding-Mode-Constrained-Control for Autonomous 4WMV Parking Systems. IEEE Transactions on Industrial Electronics, 2018, 65, 834-843.	5.2	110
182	Event-triggered sliding mode control of nonlinear dynamic systems. Automatica, 2020, 112, 108738.	3.0	110
183	A New Approach to Observer-Based Fault-Tolerant Controller Design for Takagi-Sugeno Fuzzy Systems with State Delay. Circuits, Systems, and Signal Processing, 2009, 28, 679-697.	1.2	108
184	Asynchronously switched control of a class of slowly switched linear systems. Systems and Control Letters, 2012, 61, 1151-1156.	1.3	108
185	Interval Type-2 Fuzzy Model Predictive Control of Nonlinear Networked Control Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 2317-2328.	6.5	108
186	Fault Diagnosis of Power Systems Using Intuitionistic Fuzzy Spiking Neural P Systems. IEEE Transactions on Smart Grid, 2018, 9, 4777-4784.	6.2	108
187	Observer-Based Finite-Time Adaptive Fuzzy Control With Prescribed Performance for Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 767-778.	6.5	105
188	Observer-based sliding mode control for a class of discrete systems via delta operator approach. Journal of the Franklin Institute, 2010, 347, 1199-1213.	1.9	103
189	Observer-based finite-time fuzzy $H_\infty$ control for discrete-time systems with stochastic jumps and time-delays. Signal Processing, 2014, 97, 252-261.	2.1	103
190	Approximation-Based Discrete-Time Adaptive Position Tracking Control for Interior Permanent Magnet Synchronous Motors. IEEE Transactions on Cybernetics, 2015, 45, 1363-1371.	6.2	103
191	Adjustable Parameter-Based Distributed Fault Estimation Observer Design for Multiagent Systems With Directed Graphs. IEEE Transactions on Cybernetics, 2016, 47, 1-9.	6.2	103
192	Stability of Markovian Jump Generalized Neural Networks With Interval Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1840-1850.	7.2	103
193	Command Filtering-Based Fuzzy Control for Nonlinear Systems With Saturation Input. IEEE Transactions on Cybernetics, 2017, 47, 2472-2479.	6.2	103
194	Fuzzy $H_\infty$ output feedback control of nonlinear systems under sampled measurements. Automatica, 2003, 39, 2169-2174.	3.0	102
195	Approximation-Based Adaptive Neural Control Design for a Class of Nonlinear Systems. IEEE Transactions on Cybernetics, 2014, 44, 610-619.	6.2	101
196	Neural-Network-Based Adaptive Backstepping Control With Application to Spacecraft Attitude Regulation. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4303-4313.	7.2	101
197	Asynchronous Control of Continuous-Time Nonlinear Markov Jump Systems Subject to Strict Dissipativity. IEEE Transactions on Automatic Control, 2019, 64, 1250-1256.	3.6	101
198	Exponential Stability of Markovian Jumping Systems via Adaptive Sliding Mode Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 954-964.	5.9	101

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199	Observer Design for Switched Recurrent Neural Networks: An Average Dwell Time Approach. IEEE Transactions on Neural Networks, 2011, 22, 1547-1556.	4.8	100
200	A Novel Observer-Based Output Feedback Controller Design for Discrete-Time Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 223-229.	6.5	100
201	Dissipativity Analysis for Discrete-Time Stochastic Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 345-355.	7.2	99
202	Robust NSV Fault-Tolerant Control System Design Against Actuator Faults and Control Surface Damage Under Actuator Dynamics. IEEE Transactions on Industrial Electronics, 2015, 62, 5919-5928.	5.2	99
203	Dynamic Learning From Neural Control for Strict-Feedback Systems With Guaranteed Predefined Performance. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2564-2576.	7.2	99
204	Robust $H_{\infty}$ Control for $T^s$ Fuzzy Systems With State and Input Time-Varying Delays via Delay-Product-Type Functional Method. IEEE Transactions on Fuzzy Systems, 2019, 27, 1917-1930.	6.5	99
205	Robust consensus algorithm for second-order multi-agent systems with external disturbances. International Journal of Control, 2012, 85, 1913-1928.	1.2	98
206	Function projective synchronization in complex dynamical networks with time delay via hybrid feedback control. Nonlinear Analysis: Real World Applications, 2013, 14, 1182-1190.	0.9	98
207	Robust control on saturated Markov jump systems with missing information. Information Sciences, 2014, 265, 123-138.	4.0	98
208	Output Consensus Control of Multiagent Systems With Unknown Nonlinear Dead Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1329-1337.	5.9	98
209	Observer-Based Event-Triggered Approach for Stochastic Networked Control Systems Under Denial of Service Attacks. IEEE Transactions on Control of Network Systems, 2021, 8, 158-167.	2.4	97
210	$H_{\infty}$ filter design for discrete-time singular Markovian jump systems with time-varying delays. Information Sciences, 2011, 181, 5534-5547.	4.0	96
211	Network-Based Robust Passive Control for Fuzzy Systems With Randomly Occurring Uncertainties. IEEE Transactions on Fuzzy Systems, 2013, 21, 966-971.	6.5	96
212	$H_{\infty}$ Control for 2-D Markov Jump Systems in Roesser Model. IEEE Transactions on Automatic Control, 2019, 64, 427-432.	3.6	95
213	Robust $H_{\infty}$ fuzzy filter design for uncertain nonlinear singularly perturbed systems with Markovian jumps: An LMI approach. Information Sciences, 2007, 177, 1699-1714.	4.0	94
214	Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation Approach. IEEE Transactions on Cybernetics, 2015, 45, 1706-1716.	6.2	94
215	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.	3.5	94
216	Network-based fuzzy control for nonlinear Markov jump systems subject to quantization and dropout compensation. Fuzzy Sets and Systems, 2019, 371, 96-109.	1.6	94

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217	A Survey on Intelligent Control for Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 161-175.	5.9	94
218	Adaptive Variable Structure and Commanding Shaped Vibration Control of Flexible Spacecraft. Journal of Guidance, Control, and Dynamics, 2007, 30, 804-815.	1.6	93
219	Design and Stability Analysis of Networked Predictive Control Systems. IEEE Transactions on Control Systems Technology, 2013, 21, 1495-1501.	3.2	93
220	Uniform Tube Based Stabilization of Switched Linear Systems With Mode-Dependent Persistent Dwell-Time. IEEE Transactions on Automatic Control, 2015, 60, 2994-2999.	3.6	93
221	Adaptive Neural Network Fixed-Time Leader-Follower Consensus for Multiagent Systems With Constraints and Disturbances. IEEE Transactions on Cybernetics, 2021, 51, 1835-1848.	6.2	93
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