Michael Shi

List of Publications by Year
in descending order

802	61,323	323 138	1763 212
papers	citations	h-index	g-index

835	835	835	13829
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stability and Stabilization of Switched Linear Systems With Mode-Dependent Average Dwell Time. IEEE Transactions on Automatic Control, 2012, 57, 1809-1815.	5.7	971
2	On Designing of Sliding-Mode Control for Stochastic Jump Systems. IEEE Transactions on Automatic Control, 2006, 51, 97-103.	5.7	606
3	Stability of switched positive linear systems with average dwell time switching. Automatica, 2012, 48, 1132-1137.	5.0	596
4	Reliable Fuzzy Control for Active Suspension Systems With Actuator Delay and Fault. IEEE Transactions on Fuzzy Systems, 2012, 20, 342-357.	9.8	566
5	Stochastic Synchronization of Markovian Jump Neural Networks With Time-Varying Delay Using Sampled Data. IEEE Transactions on Cybernetics, 2013, 43, 1796-1806.	9.6	560
6	State Estimation and Sliding-Mode Control of Markovian Jump Singular Systems. IEEE Transactions on Automatic Control, 2010, 55, 1213-1219.	5.7	559
7	Asynchronous <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si7.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>l</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></ filtering for discrete-time stochastic Markov jump systems with randomly occurred sensor	5.0	548
8	Sliding mode control with bounded <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>â„’</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></ gain performance of Markovian jump singular time-delay systems. Automatica, 2012, 48, 1929-1933.	5.0	537
9	Finite-time command filtered backstepping control for a class of nonlinear systems. Automatica, 2018, 92, 173-180.	5.0	536
10	Fault-tolerant control of Markovian jump stochastic systems via the augmented sliding mode observer approach. Automatica, 2014, 50, 1825-1834.	5.0	515
11	Observer-based adaptive sliding mode control for nonlinear Markovian jump systems. Automatica, 2016, 64, 133-142.	5.0	491
12	Control of Markovian jump discrete-time systems with norm bounded uncertainty and unknown delay. IEEE Transactions on Automatic Control, 1999, 44, 2139-2144.	5.7	457
13	Fault Detection Filtering for Nonlinear Switched Stochastic Systems. IEEE Transactions on Automatic Control, 2016, 61, 1310-1315.	5.7	450
14	Passivity-Based Asynchronous Control for Markov Jump Systems. IEEE Transactions on Automatic Control, 2017, 62, 2020-2025.	5.7	448
15	A Novel Approach to Filter Design for Tâ€“S Fuzzy Discrete-Time Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2012, 20, 1114-1129.	9.8	436
16	State estimation and sliding mode control for semi-Markovian jump systems with mismatched uncertainties. Automatica, 2015, 51, 385-393.	5.0	411
17	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
18	Two-Dimensional Dissipative Control and Filtering for Roesser Model. IEEE Transactions on Automatic Control, 2015, 60, 1745-1759.	5.7	383

#	Article	IF	Citations
19	Adaptive tracking control for switched stochastic nonlinear systems with unknown actuator dead-zone. Automatica, 2015, 60, 193-200.	5.0	381
20	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si10.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> filtering for 2D Markovian jump systems. Automatica, 2008, 44, 1849-1858.	5.0	360
21	Passivity Analysis for Discrete-Time Stochastic Markovian Jump Neural Networks With Mixed Time Delays. IEEE Transactions on Neural Networks, 2011, 22, 1566-1575.	4.2	347
22	Network-Based Event-Triggered Control for Singular Systems With Quantizations. IEEE Transactions on Industrial Electronics, 2016, 63, 1230-1238.	8.0	344
23	Adaptive Fault-Tolerant Tracking Control of Near-Space Vehicle Using Takagiâ€“Sugeno Fuzzy Models. IEEE Transactions on Fuzzy Systems, 2010, 18, 1000-1007.	9.8	342
24	Kalman filtering for continuous-time uncertain systems with Markovian jumping parameters. IEEE Transactions on Automatic Control, 1999, 44, 1592-1597.	5.7	341
25	Adaptive Sliding-Mode Control of Markov Jump Nonlinear Systems With Actuator Faults. IEEE Transactions on Automatic Control, 2017, 62, 1933-1939.	5.7	338
26	Observer-Based Fault Detection for Nonlinear Systems With Sensor Fault and Limited Communication Capacity. IEEE Transactions on Automatic Control, 2016, 61, 2745-2751.	5.7	335
27	Observer-Based Adaptive Fuzzy Backstepping Output Feedback Control of Uncertain MIMO Pure-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2012, 20, 771-785.	9.8	334
28	Robust Sampled-Data H_{infty} Control for Vehicle Active Suspension Systems. IEEE Transactions on Control Systems Technology, 2010, 18, 238-245.	5.2	332
29	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. ISA Transactions, 2017, 66, 376-392.	5.8	326
30	Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 260-270.	9.3	324
31	Hâˆž fuzzy output feedback control design for nonlinear systems: an lmi approach. IEEE Transactions on Fuzzy Systems, 2003, 11, 331-340.	9.8	322
32	Reliable Filtering With Strict Dissipativity for T-S Fuzzy Time-Delay Systems. IEEE Transactions on Cybernetics, 2014, 44, 2470-2483.	9.6	321
33	Distributed Finite-Time Containment Control for Double-Integrator Multiagent Systems. IEEE Transactions on Cybernetics, 2014, 44, 1518-1528.	9.6	321
34	Fuzzy Sampled-Data Control for Uncertain Vehicle Suspension Systems. IEEE Transactions on Cybernetics, 2014, 44, 1111-1126.	9.6	314
35	Observer-Based Adaptive Neural Network Control for Nonlinear Stochastic Systems With Time Delay. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 71-80.	11.6	312
36	A Novel Control Design on Discrete-Time Takagiâ€“Sugeno Fuzzy Systems With Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2013, 21, 655-671.	9.8	311

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37	Adaptive Fuzzy Control of Strict-Feedback Nonlinear Time-Delay Systems With Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2016, 46, 1926-1938.	9.6	308
38	Network-based feedback control for systems with mixed delays based on quantization and dropout compensation. Automatica, 2011, 47, 2805-2809.	5.0	307
39	Robust Adaptive Sliding-Mode Control for Fuzzy Systems With Mismatched Uncertainties. IEEE Transactions on Fuzzy Systems, 2010, 18, 700-711.	9.8	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.	9.6	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.	8.0	301
42	Robust sampled-data <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si21.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></m control with stochastic sampling. Automatica, 2009, 45, 1729-1736.	5.0	299
43	Sensor fault estimation and tolerant control for ItÃ´ stochastic systems with a descriptor sliding mode approach. Automatica, 2013, 49, 1242-1250.	5.0	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.	9.8	297
45	A survey on Markovian jump systems: Modeling and design. International Journal of Control, Automation and Systems, 2015, 13, 1-16.	2.7	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.	5.7	288
47	Stability and stabilization of continuous-time singular hybrid systems. Automatica, 2009, 45, 1504-1509.	5.0	286
48	Sampled-data control of networked linear control systems. Automatica, 2007, 43, 903-911.	5.0	283
49	Predictive Output Feedback Control for Networked Control Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 512-520.	8.0	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.	5.4	276
51	Stability, ${l}_{2}$-Gain and Asynchronous ${H}_{{infty}}$ Control of Discrete-Time Switched Systems With Average Dwell Time. IEEE Transactions on Automatic Control, 2009, 54, 2192-2199.	5.7	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.	5.0	275
53	Fault-Tolerant Sliding-Mode-Observer Synthesis of Markovian Jump Systems Using Quantized Measurements. IEEE Transactions on Industrial Electronics, 2015, 62, 5910-5918.	8.0	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.	11.6	265

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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.	11.6	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.	9.8	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.	9.8	259
58	Dissipativity-Based Filtering for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Automatic Control, 2016, 61, 1694-1699.	5.7	259
59	Filtering on sampled-data systems with parametric uncertainty. IEEE Transactions on Automatic Control, 1998, 43, 1022-1027.	5.7	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.	5.7	252
61	Backstepping controller design for a class of stochastic nonlinear systems with Markovian switching. Automatica, 2009, 45, 997-1004.	5.0	250
62	Robust Fault Detection for Switched Linear Systems With State Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 800-805.	5.0	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.	8.0	245
64	Stochastic stability analysis for 2-D Roesser systems with multiplicative noise. Automatica, 2016, 69, 356-363.	5.0	242
65	Fault Detection for Uncertain Fuzzy Systems: An LMI Approach. IEEE Transactions on Fuzzy Systems, 2007, 15, 1251-1262.	9.8	239
66	Distributed command filtered backstepping consensus tracking control of nonlinear multiple-agent systems in strict-feedback form. Automatica, 2015, 53, 120-124.	5.0	234
67	A novel approach to output feedback control of fuzzy stochastic systems. Automatica, 2014, 50, 3268-3275.	5.0	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.	11.6	231
69	Robust filtering for jumping systems with mode-dependent delays. Signal Processing, 2006, 86, 140-152.	3.8	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.	11.6	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.	9.6	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.	11.6	222

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73	Adaptive Neural Control for a Class of Perturbed Strict-Feedback Nonlinear Time-Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 721-730.	5.0	221
74	Robust Constrained Control for MIMO Nonlinear Systems Based on Disturbance Observer. IEEE Transactions on Automatic Control, 2015, 60, 3281-3286.	5.7	218
75	Non-weighted quasi-time-dependent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si22.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow><in filtering for switched linear systems with persistent dwell-time. Automatica, 2015, 54, 201-209.	5.0	217
76	Output-Feedback Based Sliding Mode Control for Fuzzy Systems With Actuator Saturation. IEEE Transactions on Fuzzy Systems, 2016, 24, 1282-1293.	9.8	217
77	Resilient Asynchronous <inline-formula> <tex-math notation="LaTeX">$H_{infty }$ </tex-math></inline-formula> Filtering for Markov Jump Neural Networks With Unideal Measurements and Multiplicative Noises. IEEE Transactions on Cybernetics, 2015, 45, 2840-2852.	9.6	216
78	Event-Triggered Fault Detection Filter Design for a Continuous-Time Networked Control System. IEEE Transactions on Cybernetics, 2016, 46, 3414-3426.	9.6	216
79	Novel Stability Criteria for T–S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2014, 22, 313-323.	9.8	214
80	Approximation-Based Adaptive Tracking Control for MIMO Nonlinear Systems With Input Saturation. IEEE Transactions on Cybernetics, 2015, 45, 2119-2128.	9.6	214
81	Sliding mode control of hybrid switched systems via an event-triggered mechanism. Automatica, 2018, 90, 294-303.	5.0	212
82	Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 131-141.	9.8	212
83	Sampled-Data Exponential Synchronization of Complex Dynamical Networks With Time-Varying Coupling Delay. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1177-1187.	11.6	210
84	Fuzzy-Model-Based Fault-Tolerant Design for Nonlinear Stochastic Systems Against Simultaneous Sensor and Actuator Faults. IEEE Transactions on Fuzzy Systems, 2013, 21, 789-799.	9.8	210
85	Sensor Networks With Random Link Failures: Distributed Filtering for Tâ€“S Fuzzy Systems. IEEE Transactions on Industrial Informatics, 2013, 9, 1739-1750.	11.4	210
86	Quantized Control Design for Cognitive Radio Networks Modeled as Nonlinear Semi-Markovian Jump Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 2330-2340.	8.0	206
87	Fuzzy-Model-Based ${{cal D}}$-Stability and Nonfragile Control for Discrete-Time Descriptor Systems With Multiple Delays. IEEE Transactions on Fuzzy Systems, 2014, 22, 1019-1025.	9.8	204
88	Stochastic finite-time state estimation for discrete time-delay neural networks with Markovian jumps. Neurocomputing, 2015, 151, 168-174.	6.0	203
89	Dynamic Output-Feedback Dissipative Control for Tâ€“S Fuzzy Systems With Time-Varying Input Delay and Output Constraints. IEEE Transactions on Fuzzy Systems, 2017, 25, 511-526.	9.8	201
90	New results on stabilization of Markovian jump systems with time delay. Automatica, 2009, 45, 2300-2306.	5.0	199

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91	Model Approximation for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Fuzzy Systems, 2015, 23, 1458-1473.	9.8	199
92	Transition probability bounds for the stochastic stability robustness of continuous- and discrete-time Markovian jump linear systems. Automatica, 2006, 42, 2159-2168.	5.0	194
93	$l_{2}-l_{infty}$ Model Reduction for Switched LPV Systems With Average Dwell Time. IEEE Transactions on Automatic Control, 2008, 53, 2443-2448.	5.7	194
94	Output Feedback Control of Markovian Jump Repeated Scalar Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 199-204.	5.7	193
95	Adaptive Output Feedback Control for Nonlinear Time-Delay Systems by Fuzzy Approximation Approach. IEEE Transactions on Fuzzy Systems, 2013, 21, 301-313.	9.8	192
96	Sliding Mode Control of Singular Stochastic Markov Jump Systems. IEEE Transactions on Automatic Control, 2017, 62, 4266-4273.	5.7	192
97	Adaptive Neural Tracking Control for a Class of Nonlinear Systems With Dynamic Uncertainties. IEEE Transactions on Cybernetics, 2017, 47, 3075-3087.	9.6	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.	2.8	190
99	Adaptive fault-tolerant compensation control for Markovian jump systems with mismatched external disturbance. Automatica, 2015, 58, 5-14.	5.0	190
100	Receding Horizon Stabilization and Disturbance Attenuation for Neural Networks With Time-Varying Delay. IEEE Transactions on Cybernetics, 2015, 45, 2680-2692.	9.6	189
101	Exponential H_{â^ž} filtering for uncertain discreteâ€time switched linear systems with average dwell time: A Âµâ€dependent approach. International Journal of Robust and Nonlinear Control, 2008, 18, 1188-1207.	3.7	187
102	Consensus of Multiagent Systems Using Aperiodic Sampled-Data Control. IEEE Transactions on Cybernetics, 2016, 46, 2132-2143.	9.6	186
103	Stochastic Stability of Ito Differential Equations With Semi-Markovian Jump Parameters. IEEE Transactions on Automatic Control, 2006, 51, 1383-1387.	5.7	183
104	Fault Estimation Observer Design for Discrete-Time Takagiâ€“Sugeno Fuzzy Systems Based on Piecewise Lyapunov Functions. IEEE Transactions on Fuzzy Systems, 2012, 20, 192-200.	9.8	182
105	Local Synchronization of Chaotic Neural Networks With Sampled-Data and Saturating Actuators. IEEE Transactions on Cybernetics, 2014, 44, 2635-2645.	9.6	182
106	Exponential Stability on Stochastic Neural Networks With Discrete Interval and Distributed Delays. IEEE Transactions on Neural Networks, 2010, 21, 169-175.	4.2	179
107	Reliable H_infty Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delay. IEEE Transactions on Fuzzy Systems, 2012, 20, 22-31.	9.8	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.	5.3	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.	5.0	174
110	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml2" display="inline" overflow="scroll" altimg="si2.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^’</mml:mo></mml:mrow></m 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.	9.3	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.	11.6	173
113	Neural-networked adaptive tracking control for switched nonlinear pure-feedback systems under arbitrary switching. Automatica, 2015, 61, 119-125.	5.0	173
114	Stability analysis and stabilization of 2-D switched systems under arbitrary and restricted switchings. Automatica, 2015, 59, 206-215.	5.0	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.	9.8	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.	9.8	167
117	Fuzzy Adaptive Control Design and Discretization for a Class of Nonlinear Uncertain Systems. IEEE Transactions on Cybernetics, 2016, 46, 1476-1483.	9.6	167
118	Robust Output Feedback Tracking Control for Time-Delay Nonlinear Systems Using Neural Network. IEEE Transactions on Neural Networks, 2007, 18, 495-505.	4.2	164
119	Stochastic stability of semiâ€Markovian jump systems with modeâ€dependent delays. International Journal of Robust and Nonlinear Control, 2014, 24, 3317-3330.	3.7	164
120	Observer-Based Fuzzy Adaptive Output-Feedback Control of Stochastic Nonlinear Multiple Time-Delay Systems. IEEE Transactions on Cybernetics, 2017, 47, 2568-2578.	9.6	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.	9.3	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.	11.6	159
123	H_infty-Filter Design for a Class of Networked Control Systems Via Tâ€“S Fuzzy-Model Approach. IEEE Transactions on Fuzzy Systems, 2010, 18, 201-208.	9.8	158
124	A real-time collision avoidance learning system for Unmanned Surface Vessels. Neurocomputing, 2016, 182, 255-266.	6.0	157
125	Stability of Stochastic Nonlinear Systems With State-Dependent Switching. IEEE Transactions on Automatic Control, 2013, 58, 1904-1918.	5.7	154
126	Sliding Mode Control of Discrete-Time Switched Systems with Repeated Scalar Nonlinearities. IEEE Transactions on Automatic Control, 2017, 62, 4604-4610.	5.7	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.	9.6	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.	9.6	148
130	RobustHâˆž filtering for switched linear discrete-time systems with polytopic uncertainties. International Journal of Adaptive Control and Signal Processing, 2006, 20, 291-304.	4.0	147
131	${cal H}_{infty}$ Model Reduction of Takagiâ€“Sugeno Fuzzy Stochastic Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1574-1585.	5.0	147
132	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml7" display="inline" overflow="scroll" altimg="si3.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> control of Markov jump time-delay systems under asynchronous controller and quantizer. Automatica, 2019, 99, 352-360.	5.0	146
133	Decentralized Adaptive Event-Triggered H_infty Filtering for a Class of Networked Nonlinear Interconnected Systems. IEEE Transactions on Cybernetics, 2019, 49, 1570-1579.	9.6	144
134	Dissipativity-Based Reliable Control for Fuzzy Markov Jump Systems With Actuator Faults. IEEE Transactions on Cybernetics, 2017, 47, 2377-2388.	9.6	143
135	Induced l₂ filtering of fuzzy stochastic systems with time-varying delays. IEEE Transactions on Cybernetics, 2013, 43, 1251-1264.	9.6	142
136	Observerâ€based leaderâ€following consensus of uncertain nonlinear multiâ€agent systems. International Journal of Robust and Nonlinear Control, 2017, 27, 3794-3811.	3.7	142
137	Sliding mode control of continuous-time Markovian jump systems with digital data transmission. Automatica, 2017, 80, 200-209.	5.0	142
138	Neural Networks-Based Distributed Adaptive Control of Nonlinear Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1010-1021.	11.6	142
139	Event-Based Formation Control for Nonlinear Multiagent Systems Under DoS Attacks. IEEE Transactions on Automatic Control, 2021, 66, 452-459.	5.7	141
140	Robust stochastic stabilization and <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier..	1.0	139
141	Novel Neural Networks-Based Fault Tolerant Control Scheme With Fault Alarm. IEEE Transactions on Cybernetics, 2014, 44, 2190-2201.	9.6	138
142	New bounded real lemma for discrete-time singular systems. Automatica, 2008, 44, 886-890.	5.0	137
143	Exponential H_{âˆž} filtering for switched linear systems with interval timeâ€varying delay. International Journal of Robust and Nonlinear Control, 2009, 19, 532-551.	3.7	137
144	Adaptive Backstepping Controller Design for Stochastic Jump Systems. IEEE Transactions on Automatic Control, 2009, 54, 2853-2859.	5.7	137

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145	Adaptive output synchronization of heterogeneous network with an uncertain leader. Automatica, 2017, 76, 183-192.	5.0	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.	2.8	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.	8.0	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.	11.6	133
149	Fuzzy Resilient Energy-to-Peak Filtering for Continuous-Time Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 1576-1588.	9.8	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.	9.3	133
151	Event-triggered fuzzy filtering for a class of nonlinear networked control systems. Signal Processing, 2015, 113, 159-168.	3.8	131
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