

# Ge Song

## List of Publications by Year in descending order

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docs citations

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times ranked

8026  
citing authors

#	ARTICLE	IF	CITATIONS
1	State Estimation and Sliding-Mode Control of Markovian Jump Singular Systems. IEEE Transactions on Automatic Control, 2010, 55, 1213-1219.	3.6	559
2	Fault Detection Filtering for Nonlinear Switched Stochastic Systems. IEEE Transactions on Automatic Control, 2016, 61, 1310-1315.	3.6	450
3	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.	6.5	436
4	Observer-Based Adaptive Fuzzy Backstepping Output Feedback Control of Uncertain MIMO Pure-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2012, 20, 771-785.	6.5	334
5	Robust Sampled-Data $H_{\infty}$ Control for Vehicle Active Suspension Systems. IEEE Transactions on Control Systems Technology, 2010, 18, 238-245.	3.2	332
6	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. ISA Transactions, 2017, 66, 376-392.	3.1	326
7	Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 260-270.	5.9	324
8	Adaptive Output-Feedback Fuzzy Tracking Control for a Class of Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2011, 19, 972-982.	6.5	317
9	Robust Adaptive Sliding-Mode Control for Fuzzy Systems With Mismatched Uncertainties. IEEE Transactions on Fuzzy Systems, 2010, 18, 700-711.	6.5	305
10	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
11	A survey on Markovian jump systems: Modeling and design. International Journal of Control, Automation and Systems, 2015, 13, 1-16.	1.6	288
12	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
13	Predictive Output Feedback Control for Networked Control Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 512-520.	5.2	283
14	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.	3.6	275
15	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
16	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
17	Dissipativity-Based Filtering for Fuzzy Switched Systems With Stochastic Perturbation. IEEE Transactions on Automatic Control, 2016, 61, 1694-1699.	3.6	259
18	Robust Constrained Control for MIMO Nonlinear Systems Based on Disturbance Observer. IEEE Transactions on Automatic Control, 2015, 60, 3281-3286.	3.6	218

#	ARTICLE	IF	CITATIONS
19	Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 131-141.	6.5	212
20	Quantized Control Design for Cognitive Radio Networks Modeled as Nonlinear Semi-Markovian Jump Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 2330-2340.	5.2	206
21	Fuzzy-Model-Based $\mathcal{H}_\infty$ -Stability and Nonfragile Control for Discrete-Time Descriptor Systems With Multiple Delays. IEEE Transactions on Fuzzy Systems, 2014, 22, 1019-1025.	6.5	204
22	Fault Estimation and Tolerant Control for Fuzzy Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 221-229.	6.5	202
23	Multi-Objective Robust $H_\infty$ Control of Spacecraft Rendezvous. IEEE Transactions on Control Systems Technology, 2009, 17, 794-802.	3.2	198
24	$L_2$ - $H_\infty$ Model Reduction for Switched LPV Systems With Average Dwell Time. IEEE Transactions on Automatic Control, 2008, 53, 2443-2448.	3.6	194
25	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
26	Sliding Mode Control of Singular Stochastic Markov Jump Systems. IEEE Transactions on Automatic Control, 2017, 62, 4266-4273.	3.6	192
27	Stability of a class of switched positive linear time-delay systems. International Journal of Robust and Nonlinear Control, 2013, 23, 578-589.	2.1	185
28	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
29	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
30	Adaptive Tracking for Stochastic Nonlinear Systems With Markovian Switching $\Sigma$ . IEEE Transactions on Automatic Control, 2010, 55, 2135-2141.	3.6	174
31	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
32	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
33	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
34	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
35	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
36	$H_\infty$ -Filter Design for a Class of Networked Control Systems Via T-S Fuzzy-Model Approach. IEEE Transactions on Fuzzy Systems, 2010, 18, 201-208.	6.5	158

#	ARTICLE	IF	CITATIONS
37	Sliding Mode Control of Discrete-Time Switched Systems with Repeated Scalar Nonlinearities. IEEE Transactions on Automatic Control, 2017, 62, 4604-4610.	3.6	152
38	Decentralized Adaptive Event-Triggered $H_{\infty}$ Filtering for a Class of Networked Nonlinear Interconnected Systems. IEEE Transactions on Cybernetics, 2019, 49, 1570-1579.	6.2	144
39	Event-Based Formation Control for Nonlinear Multiagent Systems Under DoS Attacks. IEEE Transactions on Automatic Control, 2021, 66, 452-459.	3.6	141
40	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
41	Adaptive Backstepping Controller Design for Stochastic Jump Systems. IEEE Transactions on Automatic Control, 2009, 54, 2853-2859.	3.6	137
42	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
43	Decentralized Adaptive Fuzzy Tracking Control for Robot Finger Dynamics. IEEE Transactions on Fuzzy Systems, 2015, 23, 501-510.	6.5	130
44	Fault Estimation Sliding-Mode Observer With Digital Communication Constraints. IEEE Transactions on Automatic Control, 2018, 63, 3434-3441.	3.6	126
45	Weighted Fuzzy Spiking Neural P Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 209-220.	6.5	124
46	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
47	A New Design of $H_{\infty}$ -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.	5.9	110
48	Fault Diagnosis of Power Systems Using Intuitionistic Fuzzy Spiking Neural P Systems. IEEE Transactions on Smart Grid, 2018, 9, 4777-4784.	6.2	108
49	Stabilization of networked control systems with nonuniform random sampling periods. International Journal of Robust and Nonlinear Control, 2011, 21, 501-526.	2.1	102
50	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
51	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
52	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
53	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
54	Robust consensus algorithm for second-order multi-agent systems with external disturbances. International Journal of Control, 2012, 85, 1913-1928.	1.2	98

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55	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
56	Network-Based Robust Passive Control for Fuzzy Systems With Randomly Occurring Uncertainties. IEEE Transactions on Fuzzy Systems, 2013, 21, 966-971.	6.5	96
57	$H_{\infty}$ Control for 2-D Markov Jump Systems in Roesser Model. IEEE Transactions on Automatic Control, 2019, 64, 427-432.	3.6	95
58	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
59	A Survey on Intelligent Control for Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 161-175.	5.9	94
60	Design and Stability Analysis of Networked Predictive Control Systems. IEEE Transactions on Control Systems Technology, 2013, 21, 1495-1501.	3.2	93
61	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
62	Finite-time stability and stabilisation for a class of nonlinear systems with time-varying delay. International Journal of Systems Science, 2016, 47, 1433-1444.	3.7	89
63	Observer-based integrated robust fault estimation and accommodation design for discrete-time systems. International Journal of Control, 2010, 83, 1167-1181.	1.2	87
64	Adaptive consensus control of leader-following systems with transmission nonlinearities. International Journal of Control, 2019, 92, 317-328.	1.2	84
65	Fusion Kalman/UFIR Filter for State Estimation With Uncertain Parameters and Noise Statistics. IEEE Transactions on Industrial Electronics, 2017, 64, 3075-3083.	5.2	83
66	Reliable Control of Fuzzy Systems With Quantization and Switched Actuator Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2198-2208.	5.9	82
67	Asynchronous Filtering for Markov Jump Neural Networks With Quantized Outputs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 433-443.	5.9	82
68	Delay-dependent exponential $H_{\infty}$ filtering for discrete-time switched delay systems. International Journal of Robust and Nonlinear Control, 2012, 22, 1522-1536.	2.1	81
69	Adaptive Fault Diagnosis for T-S Fuzzy Systems With Sensor Faults and System Performance Analysis. IEEE Transactions on Fuzzy Systems, 2014, 22, 274-285.	6.5	81
70	Optimal PID-type fuzzy logic controller for a multi-input multi-output active magnetic bearing system. Neural Computing and Applications, 2016, 27, 2031-2046.	3.2	81
71	Gain-Scheduled Robust Fault Detection on Time-Delay Stochastic Nonlinear Systems. IEEE Transactions on Industrial Electronics, 2011, 58, 4908-4916.	5.2	80
72	Switching Extensible FIR Filter Bank for Adaptive Horizon State Estimation With Application. IEEE Transactions on Control Systems Technology, 2016, 24, 1052-1058.	3.2	78

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73	An adaptive event-triggering scheme for networked interconnected control system with stochastic uncertainty. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 236-251.	2.1	74
74	Adaptive neural observer-based backstepping fault tolerant control for near space vehicle under control effector damage. <i>IET Control Theory and Applications</i> , 2014, 8, 658-666.	1.2	70
75	System Identification and Robust Control of Multi-Input Multi-Output Active Magnetic Bearing Systems. <i>IEEE Transactions on Control Systems Technology</i> , 2016, 24, 1227-1239.	3.2	68
76	Event Triggered Adaptive Fuzzy Consensus for Interconnected Switched Multiagent Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 144-158.	6.5	67
77	Discrete-Time Sliding Mode Control With Disturbance Rejection. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 7967-7975.	5.2	67
78	Reliable Filtering of Nonlinear Markovian Jump Systems: The Continuous-Time Case. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 386-394.	5.9	67
79	Stability Analysis of Discrete-Time Systems With Quantized Feedback and Measurements. <i>IEEE Transactions on Industrial Informatics</i> , 2013, 9, 313-324.	7.2	66
80	Finite-Time $H_{\infty}$ Filtering for $\mathcal{S}$ Fuzzy Discrete-Time Systems With Time-Varying Delay and Norm-Bounded Uncertainties. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 2427-2434.	6.5	66
81	Global finite-time stabilisation for a class of stochastic nonlinear systems by output feedback. <i>International Journal of Control</i> , 2015, 88, 494-506.	1.2	66
82	Robust finite-time $H_{\infty}$ control for uncertain discrete-time singular systems with Markovian jumps. <i>IET Control Theory and Applications</i> , 2014, 8, 1105-1111.	1.2	65
83	Nonlinear Control for Tracking and Obstacle Avoidance of a Wheeled Mobile Robot With Nonholonomic Constraint. <i>IEEE Transactions on Control Systems Technology</i> , 2015, , 1-1.	3.2	65
84	Stability and Stabilization of a Class of Discrete-Time Fuzzy Systems With Semi-Markov Stochastic Uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 1642-1653.	5.9	65
85	Command Filtered Backstepping-Based Attitude Containment Control for Spacecraft Formation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 1278-1287.	5.9	63
86	Theory of Stochastic Dissipative Systems. <i>IEEE Transactions on Automatic Control</i> , 2011, 56, 1650-1655.	3.6	62
87	Design on Type-2 Fuzzy-Based Distributed Supervisory Control With Backlash-Like Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 252-261.	6.5	62
88	Sensor fault estimation and compensation for time-delay switched systems. <i>International Journal of Systems Science</i> , 2012, 43, 629-640.	3.7	61
89	Global Predefined Time and Accuracy Adaptive Neural Network Control for Uncertain Strict-Feedback Systems With Output Constraint and Dead Zone. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7903-7918.	5.9	60
90	Dissipativity Analysis for Discrete Time-Delay Fuzzy Neural Networks With Markovian Jumps. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 432-443.	6.5	59

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91	Event-Triggered Fuzzy Control for Nonlinear Systems via Sliding Mode Approach. IEEE Transactions on Fuzzy Systems, 2021, 29, 336-344.	6.5	59
92	Dissipativity-based asynchronous control of discrete-time Markov jump systems with mixed time delays. International Journal of Robust and Nonlinear Control, 2018, 28, 2161-2171.	2.1	55
93	Two-Dimensional Peak-to-Peak Filtering for Stochastic Fornasini-Marchesini Systems. IEEE Transactions on Automatic Control, 2018, 63, 1472-1479.	3.6	55
94	Finite-time command filtered adaptive control for nonlinear systems via immersion and invariance. Science China Information Sciences, 2021, 64, 1.	2.7	55
95	Fault detection for discrete-time switched systems with intermittent measurements. International Journal of Control, 2012, 85, 78-87.	1.2	53
96	Network-based event-triggered filtering for Markovian jump systems. International Journal of Control, 2016, 89, 1096-1110.	1.2	53
97	Observer-based $H_\infty$ control on nonhomogeneous Markov jump systems with nonlinear input. International Journal of Robust and Nonlinear Control, 2014, 24, 1903-1924.	2.1	52
98	A New Fixed-Time Consensus Tracking Approach for Second-Order Multiagent Systems Under Directed Communication Topology. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2488-2500.	5.9	52
99	Stability of neutral stochastic switched time delay systems: An average dwell time approach. International Journal of Robust and Nonlinear Control, 2017, 27, 512-532.	2.1	51
100	Energy-to-Peak Filtering of Semi-Markov Jump Systems With Mismatched Modes. IEEE Transactions on Automatic Control, 2020, 65, 4356-4361.	3.6	50
101	$H_\infty$ model reduction for discrete-time Markov jump linear systems with partially known transition probabilities. International Journal of Control, 2009, 82, 343-351.	1.2	49
102	An Extended Membrane System with Active Membranes to Solve Automatic Fuzzy Clustering Problems. International Journal of Neural Systems, 2016, 26, 1650004.	3.2	49
103	Robust $H_\infty$ Control of Discrete-Time Nonhomogenous Markovian Jump Systems via Multistep Lyapunov Function Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1439-1450.	5.9	49
104	Constrained Infinite-Horizon Model Predictive Control for Fuzzy Discrete-Time Systems. IEEE Transactions on Fuzzy Systems, 2010, , .	6.5	47
105	Robust $H_\infty$ Pinning Synchronization for Complex Networks With Event-Triggered Communication Scheme. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5233-5245.	3.5	47
106	Necessary and Sufficient Conditions of Exponential Stability for Delayed Linear Discrete-Time Systems. IEEE Transactions on Automatic Control, 2019, 64, 712-719.	3.6	46
107	Delay-dependent exponential stability for switched delay systems. Optimal Control Applications and Methods, 2009, 30, 383-397.	1.3	45
108	A novel image thresholding method based on membrane computing and fuzzy entropy. Journal of Intelligent and Fuzzy Systems, 2013, 24, 229-237.	0.8	45



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109	Nonfragile $H_\infty$ control for switched stochastic delay systems with application to water quality process. International Journal of Robust and Nonlinear Control, 2014, 24, 1677-1693.	2.1	45
110	Energy-efficient distributed control of large-scale systems: A switched system approach. International Journal of Robust and Nonlinear Control, 2016, 26, 3101-3117.	2.1	45
111	Accurate and Reliable Human Localization Using Composite Particle/FIR Filtering. IEEE Transactions on Human-Machine Systems, 2017, 47, 332-342.	2.5	45
112	Robust $H_\infty$ control for a class of uncertain mechanical systems. International Journal of Control, 2010, 83, 1303-1324.	1.2	44
113	Stability Analysis for High Frequency Networked Control Systems. IEEE Transactions on Automatic Control, 2012, 57, 2694-2700.	3.6	44
114	Input-to-State Stability for Nonlinear Systems With Large Delay Periods Based on Switching Techniques. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 1789-1800.	3.5	44
115	Active fault-tolerant control against actuator fault and performance analysis of the effect of time delay due to fault diagnosis. International Journal of Control, Automation and Systems, 2017, 15, 537-546.	1.6	44
116	Asynchronous Filtering of Nonlinear Markov Jump Systems with Randomly Occurred Quantization via T-S Fuzzy Models. IEEE Transactions on Fuzzy Systems, 2017, , 1-1.	6.5	44
117	Semiglobal Tracking Cooperative Control for Multiagent Systems With Input Saturation: A Multiple Saturation Levels Framework. IEEE Transactions on Automatic Control, 2021, 66, 1215-1222.	3.6	44
118	Less conservative criteria for fault accommodation of time-varying delay systems using adaptive fault diagnosis observer. International Journal of Adaptive Control and Signal Processing, 2010, 24, 322-334.	2.3	43
119	$H_\infty$ predictive control of networked control systems. International Journal of Control, 2011, 84, 1080-1097.	1.2	43
120	Fault detection for continuous-time switched systems under asynchronous switching. International Journal of Robust and Nonlinear Control, 2014, 24, 1694-1706.	2.1	43
121	Model Reduction of Markovian Jump Systems With Uncertain Probabilities. IEEE Transactions on Automatic Control, 2020, 65, 382-388.	3.6	43
122	Delay-dependent robust $H_\infty$ control for uncertain stochastic time-delay systems. International Journal of Robust and Nonlinear Control, 2010, 20, 1852-1865.	2.1	42
123	Fault diagnosis of power systems using fuzzy tissue-like P systems. Integrated Computer-Aided Engineering, 2017, 24, 401-411.	2.5	42
124	Fuzzy adaptive control of a class of nonlinear systems with unmodeled dynamics. International Journal of Adaptive Control and Signal Processing, 2019, 33, 712-730.	2.3	42
125	Path Planning for Smart Car Based on Dijkstra Algorithm and Dynamic Window Approach. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	0.8	42
126	$H_\infty$ filtering for a class of switched linear parameter varying systems. International Journal of Systems Science, 2011, 42, 781-788.	3.7	41



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127	Robust adaptive control for greenhouse climate using neural networks. International Journal of Robust and Nonlinear Control, 2011, 21, 815-826.	2.1	41
128	Input-to-state stability of nonlinear stochastic time-varying systems with impulsive effects. International Journal of Robust and Nonlinear Control, 2017, 27, 1792-1809.	2.1	41
129	Reliable Tracking Control for Under-Actuated Quadrotors With Wind Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2059-2070.	5.9	41
130	Sliding Mode Control for Markov Jump Systems With Delays via Asynchronous Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2916-2925.	5.9	41
131	Delay-dependent stability analysis for discrete-time singular Markovian jump systems with time-varying delay. International Journal of Systems Science, 2012, 43, 2095-2106.	3.7	40
132	Fault reconstruction for Markovian jump systems with iterative adaptive observer. Automatica, 2019, 105, 254-263.	3.0	40
133	Fault estimation and fault-tolerant control for linear discrete time-varying stochastic systems. Science China Information Sciences, 2021, 64, 1.	2.7	40
134	$\frac{1}{4}$ -Dependent model reduction for uncertain discrete-time switched linear systems with average dwell time. International Journal of Control, 2009, 82, 378-388.	1.2	38
135	Active fault-tolerant control for switched systems with time delay. International Journal of Adaptive Control and Signal Processing, 2011, 25, 466-480.	2.3	38
136	Finite-time stabilisation for Markov jump systems with Gaussian transition probabilities. IET Control Theory and Applications, 2013, 7, 298-304.	1.2	38
137	Finite-time boundary stabilization of reaction-diffusion systems. International Journal of Robust and Nonlinear Control, 2018, 28, 1641-1652.	2.1	38
138	Adaptive fault tolerant control against actuator faults. International Journal of Adaptive Control and Signal Processing, 2017, 31, 147-162.	2.3	37
139	Variational Adaptive Kalman Filter With Gaussian-Inverse-Wishart Mixture Distribution. IEEE Transactions on Automatic Control, 2021, 66, 1786-1793.	3.6	37
140	Fault estimation observer design for discrete-time systems in finite-frequency domain. International Journal of Robust and Nonlinear Control, 2015, 25, 1379-1398.	2.1	36
141	Generalized Dissipativity Analysis of Digital Filters With Finite-Wordlength Arithmetic. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 386-390.	2.2	36
142	Dissipativity-Based Consensus for Fuzzy Multiagent Systems Under Switching Directed Topologies. IEEE Transactions on Fuzzy Systems, 2021, 29, 1143-1151.	6.5	36
143	Sensor fault estimation and accommodation for discrete-time switched linear systems. IET Control Theory and Applications, 2014, 8, 960-967.	1.2	35
144	Adaptive output-feedback neural tracking control for a class of nonstrict-feedback nonlinear systems. Information Sciences, 2016, 334-335, 205-218.	4.0	35

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145	Directed-Graph-Observer-Based Model-Free Cooperative Sliding Mode Control for Distributed Energy Storage Systems in DC Microgrid. IEEE Transactions on Industrial Informatics, 2020, 16, 1224-1235.	7.2	35
146	Fixed-time sliding mode cooperative control for multiagent networks via event-triggered strategy. International Journal of Robust and Nonlinear Control, 2021, 31, 21-36.	2.1	35
147	Passivity and passification of $H^\infty$ fuzzy descriptor systems with stochastic perturbation and time delay. IET Control Theory and Applications, 2013, 7, 1711-1724.	1.2	33
148	Energy Management of Fuel Cell Hybrid Vehicle Based on Partially Observable Markov Decision Process. IEEE Transactions on Control Systems Technology, 2020, 28, 318-330.	3.2	33
149	Synchronization Control for Neutral Stochastic Delay Markov Networks via Single Pinning Impulsive Strategy. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5406-5419.	5.9	33
150	Fuzzy Model Based Control for Energy Management and Optimization in Fuel Cell Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 14674-14688.	3.9	33
151	Parity space-based fault detection for Markovian jump systems. International Journal of Systems Science, 2009, 40, 421-428.	3.7	32
152	State estimation for discrete-time neural networks with time-varying delay. International Journal of Systems Science, 2012, 43, 647-655.	3.7	32
153	Analysis and design for delta operator systems with actuator saturation. International Journal of Control, 2014, 87, 987-999.	1.2	32
154	Further results on $H^\infty$ control for discrete-time Markovian jump time-delay systems. International Journal of Control, 2017, 90, 1505-1517.	1.2	32
155	New delay range-dependent stability criteria for interval time-varying delay systems via Wirtinger-based inequalities. International Journal of Robust and Nonlinear Control, 2018, 28, 661-677.	2.1	32
156	Resilient Adaptive Event-Triggered Fuzzy Tracking Control and Filtering for Nonlinear Networked Systems Under Denial-of-Service Attacks. IEEE Transactions on Fuzzy Systems, 2022, 30, 3191-3201.	6.5	32
157	Representation of Uncertain Multichannel Digital Signal Spaces and Study of Pattern Recognition Based on Metrics and Difference Values on Fuzzy $n$ -Cell Number Spaces. IEEE Transactions on Fuzzy Systems, 2009, 17, 421-439.	6.5	31
158	A new approach to network-based $H^\infty$ control for stochastic systems. International Journal of Robust and Nonlinear Control, 2012, 22, 1036-1059.	2.1	31
159	Tracking control of uncertain Euler-Lagrange systems with finite-time convergence. International Journal of Robust and Nonlinear Control, 2015, 25, 3299-3315.	2.1	30
160	A Fault Diagnosis Method of Power Systems Based on an Improved Adaptive Fuzzy Spiking Neural P Systems and PSO Algorithms. Chinese Journal of Electronics, 2016, 25, 320-327.	0.7	30
161	Robust control of an active magnetic bearing system using $H^\infty$ and disturbance observer-based control. JVC/Journal of Vibration and Control, 2017, 23, 1857-1870.	1.5	30
162	Finite-time stabilization of Markovian jump delay systems via a switching control approach. International Journal of Robust and Nonlinear Control, 2017, 27, 298-318.	2.1	30

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163	Optimally distributed formation control with obstacle avoidance for mixed-order multi-agent systems under switching topologies. IET Control Theory and Applications, 2018, 12, 1853-1863.	1.2	30
164	Neural network adaptive dynamic sliding mode formation control of multi-agent systems. International Journal of Systems Science, 2020, 51, 2025-2040.	3.7	30
165	Disturbance-Observer-Based Terminal Sliding Mode Control for Linear Traction System With Prescribed Performance. IEEE Transactions on Transportation Electrification, 2021, 7, 649-658.	5.3	30
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