Guangdeng Zong

List of Publications by Year
in descending order

188 papers	8,956 citations	31976 53 h-index	51608 86 g-index
188 all docs	188 docs citations	188 times ranked	3672 citing authors

#	Article	IF	Citations
1	Event-Triggered Finite-Time Control for Networked Switched Linear Systems With Asynchronous Switching. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1874-1884.	9.3	323
2	Fuzzy Approximation Based Asymptotic Tracking Control for a Class of Uncertain Switched Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 632-644.	9.8	240
3	Asynchronous Finite-Time Filtering of Networked Switched Systems and its Application: an Event-Driven Method. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 391-402.	5.4	238
4	Adaptive Event-Triggered SMC for Stochastic Switching Systems With Semi-Markov Process and Application to Boost Converter Circuit Model. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 786-796.	5.4	233
5	Finite‐time H_∞ control for discrete‐time switched nonlinear systems with time delay. International Journal of Robust and Nonlinear Control, 2015, 25, 914-936.	3.7	228
6	Finite-Time Event-Triggered Control for Semi-Markovian Switching Cyber-Physical Systems With FDI Attacks and Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2665-2674.	5.4	223
7	Event-Triggered Communication and Annular Finite-Time H_∞ Filtering for Networked Switched Systems. IEEE Transactions on Cybernetics, 2021, 51, 309-317.	9.5	199
8	Observer-Based Adaptive SMC for Nonlinear Uncertain Singular Semi-Markov Jump Systems With Applications to DC Motor. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2951-2960.	5.4	197
9	Command Filter-Based Adaptive Neural Tracking Controller Design for Uncertain Switched Nonlinear Output-Constrained Systems. IEEE Transactions on Cybernetics, 2017, 47, 3160-3171.	9.5	185
10	Finite‐time stability of interconnected impulsive switched systems. IET Control Theory and Applications, 2016, 10, 648-654.	2.1	150
11	Disturbance attenuation and rejection for stochastic Markovian jump system with partially known transition probabilities. Automatica, 2018, 89, 349-357.	5.0	150
12	H_∞ Refined Antidisturbance Control of Switched LPV Systems With Application to Aero-Engine. IEEE Transactions on Industrial Electronics, 2020, 67, 3180-3190.	7.9	150
13	Sliding Mode Control for Nonlinear Stochastic Singular Semi-Markov Jump Systems. IEEE Transactions on Automatic Control, 2020, 65, 361-368.	5.7	146
14	Composite anti-disturbance resilient control for Markovian jump nonlinear systems with general uncertain transition rate. Science China Information Sciences, 2019, 62, 1.	4.3	145
15	$\mathscr{L}_\infty$ Control for Positive Delay Systems With Semi-Markov Process and Application to a Communication Network Model. IEEE Transactions on Industrial Electronics, 2019, 66, 2081-2091.	7.9	142
16	Adaptive Neural Backstepping Control Design for A Class of Nonsmooth Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1820-1831.	9.3	140
17	Fuzzy-Approximation-Based Adaptive Output-Feedback Control for Uncertain Nonsmooth Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3847-3859.	9.8	138
18	Observed-based adaptive finite-time tracking control for a class of nonstrict-feedback nonlinear systems with input saturation. Journal of the Franklin Institute, 2020, 357, 11518-11544.	3.4	130

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19	Improved stability criteria for switched positive linear systems with average dwell time switching. Journal of the Franklin Institute, 2017, 354, 3472-3484.	3.4	129
20	Guaranteed cost finite‐time control for semi‐Markov jump systems with event‐triggered scheme and quantization input. International Journal of Robust and Nonlinear Control, 2019, 29, 5251-5273.	3.7	118
21	Adaptive fuzzy output‐feedback tracking control for switched stochastic pure‐feedback nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1567-1582.	4.1	118
22	Small-Gain Technique-Based Adaptive Neural Output-Feedback Fault-Tolerant Control of Switched Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7051-7062.	9.3	117
23	Fixed-Time Attitude Tracking Control for Spacecraft With Input Quantization. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 124-134.	4.7	115
24	Observer-based fuzzy adaptive stabilization of uncertain switched stochastic nonlinear systems with input quantization. Journal of the Franklin Institute, 2019, 356, 1789-1809.	3.4	109
25	Observer-based adaptive fuzzy tracking control of MIMO switched nonlinear systems preceded by unknown backlash-like hysteresis. Information Sciences, 2019, 490, 369-386.	6.9	109
26	Command filter-based adaptive neural finite-time control for stochastic nonlinear systems with time-varying full-state constraints and asymmetric input saturation. International Journal of Systems Science, 2022, 53, 199-221.	5.5	107
27	Adaptive Fuzzy Tracking Control for a Class of Uncertain Switched Nonlinear Systems with Multiple Constraints: A Small-Gain Approach. International Journal of Fuzzy Systems, 2019, 21, 2609-2624.	4.0	104
28	Finite-time stabilization for a class of switched time-delay systems under asynchronous switching. Applied Mathematics and Computation, 2013, 219, 5757-5771.	2.2	103
29	Robust finite-time H_∞ control for Markovian jump systems with partially known transition probabilities. Journal of the Franklin Institute, 2013, 350, 1562-1578.	3.4	103
30	Fault-Tolerant Control of Switched LPV Systems: A Bumpless Transfer Approach. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1436-1446.	5.8	99
31	Adaptive neural control for switched nonlinear systems with unknown backlash-like hysteresis and output dead-zone. Neurocomputing, 2019, 357, 203-214.	5.9	97
32	Delay-Dependent Exponential Stability for Uncertain Stochastic Hopfield Neural Networks With Time-Varying Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 1241-1247.	5.4	90
33	Adaptive-Critic Design for Decentralized Event-Triggered Control of Constrained Nonlinear Interconnected Systems Within an Identifier-Critic Framework. IEEE Transactions on Cybernetics, 2022, 52, 7478-7491.	9.5	89
34	Adaptive Neural Hierarchical Sliding Mode Control of Nonstrict-Feedback Nonlinear Systems and an Application to Electronic Circuits. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1394-1404.	9.3	86
35	Adaptive Neural Tracking Control for Switched High-Order Stochastic Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 3088-3099.	9.5	85
36	Global Finite-Time Adaptive Stabilization of Nonlinearly Parametrized Systems With Multiple Unknown Control Directions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1405-1414.	9.3	80

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37	Observer-based adaptive neural tracking control for output-constrained switched MIMO nonstrict-feedback nonlinear systems with unknown dead zone. Nonlinear Dynamics, 2020, 99, 1019-1036.	5.2	79
38	Bumpless Transfer H_∞ Anti-Disturbance Control of Switching Markovian LPV Systems Under the Hybrid Switching. IEEE Transactions on Cybernetics, 2022, 52, 2833-2845.	9.5	79
39	Finite-Time Observer-Based Sliding Mode Control for Quantized Semi-Markov Switching Systems With Application. IEEE Transactions on Industrial Informatics, 2020, 16, 1259-1271.	11.3	78
40	Robust stabilization for uncertain switched impulsive control systems with state delay: An LMI approach. Nonlinear Analysis: Hybrid Systems, 2008, 2, 1287-1300.	3.5	76
41	Stability and stabilization of continuous-time switched systems: A multiple discontinuous convex Lyapunov function approach. International Journal of Robust and Nonlinear Control, 2019, 29, 1499-1514.	3.7	75
42	Observer-based adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems with input quantization. International Journal of Robust and Nonlinear Control, 2022, 32, 8163-8185.	3.7	75
43	L_1 Control of Positive Semi-Markov Jump Systems With State Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7569-7578.	9.3	74
44	Event-triggered adaptive fuzzy output feedback control of MIMO switched nonlinear systems with average dwell time. Applied Mathematics and Computation, 2020, 365, 124665.	2.2	72
45	Observer-based adaptive neural tracking control for a class of nonlinear systems with prescribed performance and input dead-zone constraints. Neural Networks, 2022, 147, 126-135.	5.9	69
46	Periodic event-triggered adaptive tracking control design for nonlinear discrete-time systems via reinforcement learning. Neural Networks, 2022, 154, 43-55.	5.9	68
47	New delay-dependent asymptotic stability conditions concerning BAM neural networks of neutral type. Neurocomputing, 2009, 72, 2549-2555.	5.9	67
48	Sliding Mode Control for Nonlinear Stochastic Semi-Markov Switching Systems With Application to SRMM. IEEE Transactions on Industrial Electronics, 2020, 67, 3955-3966.	7.9	64
49	Adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems with actuator faults. International Journal of Systems Science, 2021, 52, 1499-1514.	5.5	64
50	Composite anti-disturbance resilient control for Markovian jump nonlinear systems with partly unknown transition probabilities and multiple disturbances. International Journal of Robust and Nonlinear Control, 2017, 27, 2323-2337.	3.7	63
51	Adaptive Decentralized Neural Network Tracking Control for Uncertain Interconnected Nonlinear Systems With Input Quantization and Time Delay. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1401-1409.	11.3	63
52	Exponential l_2–l_∞ output tracking control for discrete-time switched system with time-varying delay. International Journal of Robust and Nonlinear Control, 2012, 22, 1175-1194.	3.7	58
53	Asynchronous finite-time dynamic output feedback control for switched time-delay systems with non-linear disturbances. IET Control Theory and Applications, 2016, 10, 1142-1150.	2.1	58
54	Disturbance-observer-based-control and L_2–L_∞ resilient control for Markovian jump non-linear systems with multiple disturbances and its application to single robot arm system. IET Control Theory and Applications, 2016, 10, 226-233.	2.1	55

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55	Decentralized Adaptive Neuro-Output Feedback Saturated Control for INS and Its Application to AUV. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5492-5501.	11.3	51
56	H_∞ Tracking Control of Uncertain Markovian Hybrid Switching Systems: A Fuzzy Switching Dynamic Adaptive Control Approach. IEEE Transactions on Cybernetics, 2022, 52, 3111-3122.	9.5	49
57	Finite-time stochastic input-to-state stability of impulsive switched stochastic nonlinear systems. Applied Mathematics and Computation, 2014, 245, 462-473.	2.2	46
58	Finite-time Synchronization of Delayed Semi-Markov Neural Networks with Dynamic Event-triggered Scheme. International Journal of Control, Automation and Systems, 2021, 19, 2297-2308.	2.7	45
59	H_∞ bumpless transfer reliable control of Markovian switching LPV systems subject to actuator failures. Information Sciences, 2020, 512, 431-445.	6.9	44
60	Hierarchical Sliding-Mode Surface-Based Adaptive Actor–Critic Optimal Control for Switched Nonlinear Systems With Unknown Perturbation. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1559-1571.	11.3	44
61	Finite-time resilient decentralized control for interconnected impulsive switched systems with neutral delay. ISA Transactions, 2017, 67, 19-29.	5.7	42
62	Data-driven-based event-triggered optimal control of unknown nonlinear systems with input constraints. Nonlinear Dynamics, 2022, 109, 891-909.	5.2	42
63	Robust exponential stability analysis of discrete-time switched Hopfield neural networks with time delay. Nonlinear Analysis: Hybrid Systems, 2011, 5, 525-534.	3.5	41
64	Event-triggered finite-time resilient control for switched systems: an observer-based approach and its applications to a boost converter circuit system model. Nonlinear Dynamics, 2018, 94, 2409-2421.	5.2	41
65	A Fuzzy Lyapunov Function Approach to Positive L_1 Observer Design for Positive Fuzzy Semi-Markovian Switching Systems With Its Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 775-785.	9.3	41
66	Finite-time adaptive tracking control for a class of nonstrict feedback nonlinear systems with full state constraints. International Journal of Robust and Nonlinear Control, 2022, 32, 2551-2569.	3.7	41
67	SMC for Discrete-Time Nonlinear Semi-Markovian Switching Systems With Partly Unknown Semi-Markov Kernel. IEEE Transactions on Automatic Control, 2023, 68, 1855-1861.	5.7	40
68	Output Reachable Set Synthesis of Event-Triggered Control for Singular Markov Jump Systems Under Multiple Cyber-Attacks. IEEE/ACM Transactions on Networking, 2022, 30, 2849-2857.	3.8	40
69	l_2 $\times$ filtering of discrete-time switched systems via admissible edge-dependent switching signals. Systems and Control Letters, 2018, 113, 17-26.	2.3	39
70	Adaptive Fuzzy Fixed-Time Decentralized Control for Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3428-3440.	9.8	39
71	Filter for Positive Stochastic Nonlinear Switching Systems With Phase-Type Semi-Markov Parameters and Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2225-2236.	9.3	38
72	Adaptive control design for uncertain switched nonstrict-feedback nonlinear systems to achieve asymptotic tracking performance. Applied Mathematics and Computation, 2021, 408, 126344.	2.2	38

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73	Asynchronous Finite-Time Filtering of Markov Jump Nonlinear Systems and Its Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-10.	9.3	36
74	Stability and l_2 -Gain Analysis of Discrete-Time Switched Systems with Mode-Dependent Average Dwell Time. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2305-2314.	9.3	36
75	Adaptive decentralized output feedback PI tracking control design for uncertain interconnected nonlinear systems with input quantization. Information Sciences, 2020, 512, 186-206.	6.9	36
76	Fault Detection for Semi-Markov Switching Systems in the Presence of Positivity Constraints. IEEE Transactions on Cybernetics, 2022, 52, 13027-13037.	9.5	36
77	Adaptive fuzzy tracking control for a class of high-order switched uncertain nonlinear systems. Journal of the Franklin Institute, 2017, 354, 6567-6587.	3.4	35
78	Stability Analysis of Genetic Regulatory Networks With General Random Disturbances. IEEE Transactions on Nanobioscience, 2019, 18, 128-135.	3.3	35
79	Event-Triggered Optimal Control for Discrete-Time Switched Nonlinear Systems With Constrained Control Input. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7850-7859.	9.3	35
80	Adaptive Neural Self-Triggered Bipartite Fault-Tolerant Control for Nonlinear MASs With Dead-Zone Constraints. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1663-1674.	5.2	35
81	Finite-time control of interconnected impulsive switched systems with time-varying delay. Applied Mathematics and Computation, 2016, 276, 143-157.	2.2	34
82	Exponential stability for generalized stochastic impulsive functional differential equations with delayed impulses and Markovian switching. Nonlinear Analysis: Hybrid Systems, 2018, 30, 199-212.	3.5	34
83	Input–Output Finite-Time Asynchronous SMC for Nonlinear Semi-Markov Switching Systems With Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5344-5353.	9.3	33
84	Robust input–output finite–time filtering for uncertain Markovian jump nonlinear systems with partially known transition probabilities. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1437-1455.	4.1	32
85	Anti-Windup Design for Saturated Semi-Markovian Switching Systems With Stochastic Disturbance. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1187-1191.	3.0	32
86	Quantized Decentralized Adaptive Neural Network PI Tracking Control for Uncertain Interconnected Nonlinear Systems With Dynamic Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3111-3124.	9.3	32
87	Output-Feedback Control for Fuzzy Singularly Perturbed Systems: A Nonhomogeneous Stochastic Communication Protocol Approach. IEEE Transactions on Cybernetics, 2023, 53, 76-87.	9.5	32
88	Fixed-time sliding mode output feedback tracking control for autonomous underwater vehicle with prescribed performance constraint. Ocean Engineering, 2022, 247, 110673.	4.3	32
89	Continuous finite time control for static var compensator with mismatched disturbances. Nonlinear Dynamics, 2016, 85, 2159-2169.	5.2	31
90	Composite anti–disturbance attitude and vibration control for flexible spacecraft. IET Control Theory and Applications, 2017, 11, 2383-2390.	2.1	31

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91	Finite-time H_∞ bumpless transfer control for switched systems: A state-dependent switching approach. International Journal of Robust and Nonlinear Control, 2020, 30, 1417-1430.	3.7	31
92	Robust l_2-l_∞ Guaranteed Cost Filtering for Uncertain Discrete-Time Switched System with Mode-Dependent Time-Varying Delays. Circuits, Systems, and Signal Processing, 2011, 30, 17-33.	2.0	30
93	Exponential l_2–l_∞ Control for Discrete-Time Switching Markov Jump Linear Systems. Circuits, Systems, and Signal Processing, 2013, 32, 2745-2759.	2.0	30
94	Robust resilient control for impulsive switched systems under asynchronous switching. International Journal of Computer Mathematics, 2015, 92, 1143-1159.	1.8	29
95	Finite-time complex function synchronization of multiple complex-variable chaotic systems with network transmission and combination mode. JVC/Journal of Vibration and Control, 2018, 24, 5461-5471.	2.6	27
96	H_∞ synchronization of switched complex networks: A switching impulsive control method. Communications in Nonlinear Science and Numerical Simulation, 2019, 77, 338-348.	3.3	27
97	Event-triggered sliding mode control under the Round-Robin protocol for networked switched systems. Nonlinear Dynamics, 2020, 100, 2401-2413.	5.2	27
98	Synchronization for Quantized Semi-Markov Switching Neural Networks in a Finite Time. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1264-1275.	11.3	27
99	Asynchronous input-output finite-time filtering for switched LPV systems. Journal of the Franklin Institute, 2017, 354, 6292-6311.	3.4	24
100	Robust finite-time stabilization for positive delayed semi-Markovian switching systems. Applied Mathematics and Computation, 2019, 351, 139-152.	2.2	23
101	Event-trigger-based adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems. ISA Transactions, 2022, 124, 301-310.	5.7	23
102	SMC for Nonlinear Stochastic Switching Systems With Quantization. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2032-2036.	3.0	23
103	Time-/Event-Triggered Adaptive Neural Asymptotic Tracking Control for Nonlinear Systems With Full-State Constraints and Application to a Single-Link Robot. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6690-6700.	11.3	23
104	Global stabilization design for switched power integrator triangular systems with different powers. Nonlinear Analysis: Hybrid Systems, 2015, 15, 74-85.	3.5	22
105	Robust finite-time guaranteed cost control for impulsive switched systems with time-varying delay. International Journal of Control, Automation and Systems, 2017, 15, 113-121.	2.7	22
106	Stabilisation and ℓ_∞ control for switched port-controlled Hamiltonian systems with unstable modes and actuator saturation. International Journal of Systems Science, 2020, 51, 1-19.	5.5	21
107	Time-Driven Adaptive Control of Switched Systems With Application to Electro-Hydraulic Unit. IEEE Transactions on Cybernetics, 2022, 52, 11906-11915.	9.5	21
108	Anti-disturbance control for time-varying delay Markovian jump nonlinear systems with multiple disturbances. International Journal of Systems Science, 2017, 48, 3186-3200.	5.5	18

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109	$\mathcal{L}_1$ finite-time stabilization for positive semi-Markovian switching systems. Information Sciences, 2019, 477, 321-333.	6.9	18
110	Bumpless transfer fault detection for switched systems: a state-dependent switching approach. Science China Information Sciences, 2021, 64, 1.	4.3	18
111	Impulsive Control for Nonlinear Systems Under DoS Attacks: A Dynamic Event-Triggered Method. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3839-3843.	3.0	18
112	New stability conditions for GRNs with neutral delay. Soft Computing, 2013, 17, 703-712.	3.6	17
113	Stability analysis of switched delay systems with all subsystems unstable. International Journal of Control, Automation and Systems, 2016, 14, 1262-1269.	2.7	17
114	Stability criteria of stochastic nonlinear systems with asynchronous impulses and switchings. Nonlinear Dynamics, 2019, 97, 135-149.	5.2	17
115	Composite adaptive anti-disturbance resilient control for Markovian jump systems with partly known transition rate and multiple disturbances. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1077-1097.	4.1	16
116	Adaptive neural tracking control for a class of uncertain nonstrict-feedback nonlinear systems. Journal of the Franklin Institute, 2017, 354, 6503-6519.	3.4	16
117	Stability of discrete-time switched systems with admissible edge-dependent switching signals. International Journal of Systems Science, 2018, 49, 974-983.	5.5	16
118	Finite-time asynchronous control for positive discrete-time Markovian jump systems. IET Control Theory and Applications, 2019, 13, 935-942.	2.1	16
119	Sliding Mode Control for Fuzzy Networked Semi-Markov Switching Models Under Cyber Attacks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 5034-5038.	3.0	16
120	Input-to-state stability of impulsive switched hybrid time-delay systems with delayed impulse effects. Transactions of the Institute of Measurement and Control, 2015, 37, 970-982.	1.7	15
121	Passivity-based stabilization and passive synchronization of complex nonlinear networks. Neurocomputing, 2016, 175, 101-109.	5.9	15
122	Adaptive Neural Control of Nonlinear Nonstrict Feedback Systems With Full-State Constraints: A Novel Nonlinear Mapping Method. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 999-1007.	11.3	15
123	Annular finite-time H_{∞} control of switched fuzzy systems: A switching dynamic event-triggered control approach. Nonlinear Analysis: Hybrid Systems, 2021, 41, 101050.	3.5	15
124	On stability analysis of random impulsive and switching neural networks. Neurocomputing, 2019, 350, 146-154.	5.9	14
125	Event-triggered finite-time H_{∞} output tracking control of switched systems with round-robin protocol and its applications. International Journal of Robust and Nonlinear Control, 2021, 31, 6123-6143.	3.7	14
126	Input-to-State Stability of Switched Nonlinear Delay Systems Based on a Novel Lyapunov-Krasovskii Functional Method. Journal of Systems Science and Complexity, 2018, 31, 875-888.	2.8	13

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127	Finite-time stabilization and H_∞ control for a class of switched nonlinear port-controlled Hamiltonian systems subject to actuator saturation. Journal of the Franklin Institute, 2020, 357, 11807-11829.	3.4	13
128	Noise-to-state practical stability and stabilization of random neural networks. Nonlinear Dynamics, 2020, 100, 2469-2481.	5.2	13
129	Real-Time Reachable Set Control for Singular Markov Jump Networked Cascade Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1124-1128.	3.0	13
130	Finite-time stabilization of continuous-time switched positive delayed systems. Journal of the Franklin Institute, 2022, 359, 255-271.	3.4	13
131	Incremental stability of stochastic time-varying impulsive and switching systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5460-5475.	3.7	13
132	Composite anti-disturbance control for uncertain Markovian jump systems with actuator saturation based disturbance observer and adaptive neural network. Journal of the Franklin Institute, 2019, 356, 6926-6945.	3.4	12
133	LP-based observer design for switched positive linear time-delay systems. Transactions of the Institute of Measurement and Control, 2019, 41, 2419-2427.	1.7	12
134	Stability of Switched Time-Delay Systems via Mode-Dependent Average Dwell Time Switching. IEEE Access, 2019, 7, 1174-1181.	4.2	12
135	Asynchronous H_∞ Control for Positive Discrete-time Markovian Jump Systems. International Journal of Control, Automation and Systems, 2020, 18, 431-438.	2.7	12
136	SMC for Semi-Markov Jump Cyber-Physical Systems Subject to Randomly Occurring Deception Attacks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 159-163.	3.0	12
137	Neural-network-based distributed security filtering for networked switched systems. International Journal of Robust and Nonlinear Control, 2022, 32, 2791-2804.	3.7	12
138	Robust resilient H_∞ control for stochastic systems with Markovian jump parameters under partially known transition probabilities. Optimal Control Applications and Methods, 2014, 35, 539-558.	2.1	11
139	Finite-time asynchronous H_∞ filtering for positive Markov jump systems. Journal of the Franklin Institute, 2020, 357, 11584-11603.	3.4	11
140	Robustly resilient memory control for time-delay switched systems under asynchronous switching. Transactions of the Institute of Measurement and Control, 2017, 39, 1355-1364.	1.7	10
141	Impulsive stabilization for linear neutral-type time-delay systems. International Journal of Robust and Nonlinear Control, 2018, 28, 5618-5633.	3.7	10
142	Point Stabilization Control Method for WIP Vehicles Based on Motion Planning. IEEE Transactions on Industrial Informatics, 2019, 15, 3368-3378.	11.3	10
143	Observer design for semi-Markov jump systems with incremental quadratic constraints. Journal of the Franklin Institute, 2021, 358, 5599-5622.	3.4	10
144	Stochastic stability analysis of switched genetic regulatory networks without stable subsystems. Applied Mathematics and Computation, 2019, 359, 261-277.	2.2	9

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145	Exponential L1 Filtering of Networked Linear Switched Systems: An Event-Triggered Approach. Journal of Systems Science and Complexity, 2020, 33, 383-400.	2.8	9
146	Exponential Stability of Discrete-Time Neural Networks With Large Delay. IEEE Transactions on Cybernetics, 2021, 51, 2824-2834.	9.5	9
147	Advances on modeling and control of semi-Markovian switching systems: A Survey. Journal of the Franklin Institute, 2023, 360, 12598-12619.	3.4	9
148	Adaptive neural network asymptotical tracking control for an uncertain nonlinear system with input quantisation. International Journal of Systems Science, 2018, 49, 1974-1984.	5.5	8
149	Finite-Time Dissipative Fuzzy State Estimation for Jump Systems With Mixed Cyber Attacks: A Probabilistic Event-Triggered Approach. IEEE Transactions on Cybernetics, 2023, 53, 3493-3505.	9.5	8
150	Adaptive neural network output tracking control of uncertain switched nonlinear systems: An improved multiple Lyapunov function method. Information Sciences, 2022, 606, 380-396.	6.9	8
151	Noise-to-state stability analysis for a class of random time-delay nonlinear systems. Transactions of the Institute of Measurement and Control, 2018, 40, 2765-2770.	1.7	7
152	Composite adaptive disturbance observer-based control for switched stochastic systems with multiple disturbances subject to mode-dependent average dwell time switching. IET Control Theory and Applications, 2019, 13, 1187-1196.	2.1	7
153	Feedback passification of switched stochastic time-delay systems with multiple disturbances via DOBC. International Journal of Robust and Nonlinear Control, 2020, 30, 1696-1718.	3.7	7
154	A new ℓ-gain analysis framework for discrete-time switched systems based on predictive Lyapunov function. International Journal of Robust and Nonlinear Control, 2022, 32, 101-125.	3.7	7
155	Finite-time exact tracking control for a class of non-linear dynamical systems. IET Control Theory and Applications, 2017, 11, 2020-2027.	2.1	7
156	Robust finite-time H_∞ control of switched systems and its applications: a dynamic event-triggered method. International Journal of General Systems, 2022, 51, 71-93.	2.5	7
157	Extended Finite-Time Boundedness and Stability for Switched Linear Systems with Large Delay Period. Circuits, Systems, and Signal Processing, 2017, 36, 3616-3629.	2.0	6
158	Exponential H_∞ filtering of networked linear switched systems with mode-dependent average dwell time: an event-triggered scheme. International Journal of Systems Science, 2019, 50, 1450-1464.	5.5	6
159	H_∞ fault-tolerant control for switched linear parameter-varying systems: A parameter and state-dependent switching method with dwell time. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 18-30.	1.0	6
160	Admissibility analysis of stochastic singular systems with Poisson switching. Applied Mathematics and Computation, 2020, 386, 125508.	2.2	6
161	SMC for Uncertain Discrete-Time Semi-Markov Switching Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1452-1456.	3.0	6
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