

# Xudong Zhao

## List of Publications by Year in descending order

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223  
papers

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223  
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times ranked

4869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural-Network-Based Adaptive Event-Triggered Asymptotically Consensus Tracking Control for Nonlinear Nonstrict-Feedback MASs: An Improved Dynamic Surface Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2024, 35, 584-597.	11.3	8
2	Hierarchical Sliding-Mode Surface-Based Adaptive Actor-Critic Optimal Control for Switched Nonlinear Systems With Unknown Perturbation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2024, 35, 1559-1571.	11.3	44
3	Prescribed Performance-Based Finite-Time Consensus Technology of Nonlinear Multiagent Systems and Application to FDPs. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2023, 70, 591-595.	3.0	14
4	Event-trigger-based adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems. <i>ISA Transactions</i> , 2022, 124, 301-310.	5.7	23
5	Bumpless Transfer and Anti-Disturbance Control of Switching Markovian LPV Systems Under the Hybrid Switching. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2833-2845.	9.5	79
6	Fuzzy Resilient $H_\infty$ Filter Design for Continuous-Time Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 591-596.	9.8	33
7	Command Filter-Based Adaptive Neural Control Design for Nonstrict-Feedback Nonlinear Systems With Multiple Actuator Constraints. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 12561-12570.	9.5	68
8	Adaptive Decentralized Asymptotic Tracking Control for Large-Scale Nonlinear Systems With Unknown Strong Interconnections. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 173-186.	13.1	56
9	A Fastly and Slowly Cyclic Switching Strategy for Discrete-Time Cyclic Switched Systems and Its Application to Inverter Circuits. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1173-1177.	3.0	12
10	Fuzzy Energy-to-Peak Filtering for Continuous-Time Nonlinear Singular System. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 2325-2336.	9.8	44
11	Adaptive-Critic Design for Decentralized Event-Triggered Control of Constrained Nonlinear Interconnected Systems Within an Identifier-Critic Framework. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 7478-7491.	9.5	89
12	Real-Time Reachable Set Control for Singular Markov Jump Networked Cascade Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1124-1128.	3.0	13
13	Finite-Time-Prescribed Performance-Based Adaptive Fuzzy Control for Strict-Feedback Nonlinear Systems With Dynamic Uncertainty and Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 6959-6971.	9.5	121
14	Stochastic finite-time stabilization for discrete-time positive Markov jump time-delay systems. <i>Journal of the Franklin Institute</i> , 2022, 359, 84-103.	3.4	11
15	Stability and $L_2$ -gain analysis based on multiple discontinuous Lyapunov function approaches for switched systems with unstable modes. <i>International Journal of Control</i> , 2022, 95, 2188-2198.	1.9	2
16	New results on the stability of slowly and fastly cyclic switched linear systems. <i>International Journal of Control</i> , 2022, 95, 2056-2065.	1.9	6
17	Stability and $L_2$ -gain analysis based on multiple discontinuous Lyapunov function approaches for switched systems with unstable modes. <i>International Journal of Control</i> , 2022, 95, 2188-2198.		
17	Stability and $L_2$ -gain analysis of nonlinear positive Markov jump systems based on a switching transition probability. <i>ISA Transactions</i> , 2022, 121, 86-94.		
18	Command filter-based adaptive neural finite-time control for stochastic nonlinear systems with time-varying full-state constraints and asymmetric input saturation. <i>International Journal of Systems Science</i> , 2022, 53, 199-221.	5.5	107

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19	Time-scheduled observer design for switched linear systems with unknown inputs. <i>Science China Information Sciences</i> , 2022, 65, 1.	4.3	4
20	Attitude Control of Rigid Bodies: An Energy-Optimal Geometric Switching Control Approach. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 1162-1173.	5.8	9
21	Adaptive Optimal Control for Unknown Constrained Nonlinear Systems With a Novel Quasi-Model Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 2867-2878.	11.3	3
22	Dynamic Event-Triggered Finite-Time $H_\infty$ Tracking Control of Switched LPV Aero-Engine Models. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1114-1118.	3.0	6
23	Security Investment in Cyber-Physical Systems: Stochastic Games With Asymmetric Information and Resource-Constrained Players. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 5384-5391.	5.7	6
24	Real-Time Reachable Set Control for Neutral Singular Markov Jump Systems With Mixed Delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1367-1371.	3.0	28
25	Adaptive neural decentralised control for switched interconnected nonlinear systems with backlash-like hysteresis and output constraints. <i>International Journal of Systems Science</i> , 2022, 53, 1545-1561.	5.5	58
26	Stability analysis of hybrid time-delay systems using homogeneity property. <i>ISA Transactions</i> , 2022, 129, 128-137.	5.7	2
27	Generic Stability Criteria for Switched Nonlinear Systems With Switching-Signal-Based Lyapunov Functions Using Takagi-Sugeno Fuzzy Model. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 4239-4248.	9.8	6
28	Improved Interval Estimation Method for Cyber-Physical Systems Under Stealthy Deception Attacks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2022, 8, 1-11.	2.8	2
29	Event-Triggered Control for Network-Based Switched Systems With Switching Signals Subject to Dual-Terminal DoS Attacks. <i>IEEE/ACM Transactions on Networking</i> , 2022, 30, 1283-1293.	3.8	14
30	Adaptive Fuzzy Tracking Control of Switched MIMO Nonlinear Systems With Full State Constraints and Unknown Control Directions. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 2912-2916.	3.0	61
31	Model-Based Dynamic Event-Triggered Control for Cyber-Physical Systems Subject to Dynamic Quantization and DoS Attacks. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 2406-2417.	6.4	19
32	Quantized optimal output feedback control and optimal triggering signal co-design for unknown discrete-time nonlinear systems. <i>Optimal Control Applications and Methods</i> , 2022, 43, 962-978.	2.1	2
33	Fuzzy event-triggered control for nonlinear networked control systems. <i>Journal of the Franklin Institute</i> , 2022, 359, 2593-2607.	3.4	16
34	Adaptive neural finite-time hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems with backlash-like hysteresis. <i>Information Sciences</i> , 2022, 599, 147-169.	6.9	48
35	Backstepping-Based Controller Design for Uncertain Switched High-Order Nonlinear Systems via PI Compensation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 7810-7820.	9.3	4
36	Data-driven-based event-triggered optimal control of unknown nonlinear systems with input constraints. <i>Nonlinear Dynamics</i> , 2022, 109, 891-909.	5.2	42

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37	Fuzzy Control of Nonlinear Strict-Feedback Systems With Full-State Constraints: A New Barrier Function Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 5419-5430.	9.8	6
38	Functional interval estimation method for discrete-time switched systems under asynchronous switching. <i>Journal of the Franklin Institute</i> , 2022, 359, 5712-5712.	3.4	0
39	A Simultaneous Planning and Control Method Integrating APF and MPC to Solve Autonomous Navigation for USVs in Unknown Environments. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2022, 105, .	3.4	21
40	Output Reachable Set Synthesis of Event-Triggered Control for Singular Markov Jump Systems Under Multiple Cyber-Attacks. <i>IEEE/ACM Transactions on Networking</i> , 2022, 30, 2849-2857.	3.8	40
41	Event-triggered adaptive tracking control for uncertain fractional-order nonstrict-feedback nonlinear systems via command filtering. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 7987-8011.	3.7	61
42	Observer-based adaptive fuzzy hierarchical sliding mode control of uncertain underactuated switched nonlinear systems with input quantization. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 8163-8185.	3.7	75
43	Periodic event-triggered adaptive tracking control design for nonlinear discrete-time systems via reinforcement learning. <i>Neural Networks</i> , 2022, 154, 43-55.	5.9	68
44	Stability and $L_1$ -Gain Analysis for Switched Positive Systems With MDADT Based on Quasi-Time-Dependent Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5846-5854.	9.3	10
45	Event-Triggered Optimal Control for Discrete-Time Switched Nonlinear Systems With Constrained Control Input. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7850-7859.	9.3	35
46	Small-Gain Technique-Based Adaptive Neural Output-Feedback Fault-Tolerant Control of Switched Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7051-7062.	9.3	117
47	Fuzzy $H_\infty$ Output Feedback Control for Nonlinear NCSs With Quantization and Stochastic Communication Protocol. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 2623-2634.	9.8	66
48	Exponential Stability of Delayed Generalized Neural Networks With Intermittent Large-Delay Periods. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7392-7402.	9.3	5
49	Asynchronous Decentralized Event-Triggered Control for Switched Large-Scale Systems Subject to Data Congestions and Disorders. <i>IEEE Systems Journal</i> , 2021, 15, 2541-2552.	4.6	20
50	Stability Analysis of Discrete-Time Switched Systems With Unstable Modes: An Improved Ratio-Based Tradeoff Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 431-435.	3.0	5
51	Adaptive fault-tolerant control for switched nonlinear systems based on command filter technique. <i>Applied Mathematics and Computation</i> , 2021, 392, 125725.	2.2	90
52	Direct Adaptive Fuzzy Tracking Control of Non-affine Stochastic Nonlinear Time-Delay Systems. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 309-321.	4.0	11
53	Exponential Stability of Discrete-Time Neural Networks With Large Delay. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 2824-2834.	9.5	9
54	An Input Delay Approach to Interval Type-2 Fuzzy Exponential Stabilization for Nonlinear Unreliable Networked Sampled-Data Control Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 3488-3497.	9.3	47

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55	Event-Triggered Control for Networked Switched Systems Subject to Data Asynchronization. IEEE Systems Journal, 2021, 15, 5197-5208.	4.6	15
56	Quantized Dynamic Output Feedback Control and $L_2$ -Gain Analysis for Networked Control Systems: A Hybrid Approach. IEEE Transactions on Network Science and Engineering, 2021, 8, 575-587.	6.4	13
57	A fast-moving horizon estimation method based on the symplectic pseudospectral algorithm. Transactions of the Institute of Measurement and Control, 2021, 43, 2500-2511.	1.7	4
58	Single-network ADP for solving optimal event-triggered tracking control problem of completely unknown nonlinear systems. International Journal of Intelligent Systems, 2021, 36, 4795-4815.	5.7	62
59	Stabilization of hybrid systems under state constraints. Nonlinear Analysis: Hybrid Systems, 2021, 40, 101015.	3.5	8
60	Prescribed-time observers of LPV systems: A linear matrix inequality approach. Applied Mathematics and Computation, 2021, 398, 125982.	2.2	6
61	Set Stabilization and Optimal Control of Switched Multi-Valued Logical Control Networks With State-Dependent Switching Signals. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1952-1956.	3.0	2
62	Small-gain technique-based adaptive fuzzy command filtered control for uncertain nonlinear systems with unmodeled dynamics and disturbances. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1664-1684.	4.1	39
63	An event-triggered integer-mixed adaptive dynamic programming for switched nonlinear systems with bounded inputs. International Journal of Robust and Nonlinear Control, 2021, 31, 7280-7297.	3.7	8
64	Observer design for semi-Markov jump systems with incremental quadratic constraints. Journal of the Franklin Institute, 2021, 358, 5599-5622.	3.4	10
65	$L_2$ analysis for dynamic event-triggered networked control systems with packet losses and quantization. Automatica, 2021, 129, 109587.	3.0	39
66	Periodic Event-Triggered Estimation for Networked Control Systems. Electronics (Switzerland), 2021, 10, 2215.	3.1	1
67	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
68	Model-Based adaptive event-Triggered control of nonlinear continuous-Time systems. Applied Mathematics and Computation, 2021, 408, 126330.	2.2	66
69	Peak-to-Peak Filtering for Discrete-Time Singular Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2543-2547.	3.0	19
70	Switched Dynamic Systems with Logic Switching and Its Stability Analysis. SIAM Journal on Control and Optimization, 2021, 59, 1188-1217.	2.1	16
71	Global stability at a limit cycle for switched multi-valued logical networks. Asian Journal of Control, 2021, 23, 860-870.	3.0	5
72	Condition Time Series Prediction of Aero-Engine Gas-Path Performance Based on Self-Attention Mechanism. , 2021, , .		1

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73	Guaranteed cost stabilization control of discrete-time switched systems. IET Control Theory and Applications, 2021, 15, 404-415.	2.1	5
74	Stability Analysis of Linear System with Time-Varying Delays via new Negative Conditions for a Quadratic Function. , 2021, , .		0
75	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
76	Robust Tube-Based Model Predictive Control for Lane Change Maneuver of Tractor-Trailer Vehicles Based on a Polynomial Trajectory. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5180-5188.	9.3	43
77	Adaptive Fuzzy Finite-Time Control of Nonlinear Systems With Actuator Faults. IEEE Transactions on Cybernetics, 2020, 50, 1786-1797.	9.5	205
78	Neural-network-based tracking Control for a Class of time-delay nonlinear systems with unmodeled dynamics. Neurocomputing, 2020, 396, 179-190.	5.9	17
79	Reduced-Order Observer Design for Switched Descriptor Systems With Unknown Inputs. IEEE Transactions on Automatic Control, 2020, 65, 287-294.	5.7	85
80	Stabilization of Linear Systems With Input Saturation and Large Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4482-4491.	9.3	8
81	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
82	Interval Type-2 Fuzzy Sampled-Data $H_\infty$ Control for Nonlinear Unreliable Networked Control Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 1434-1448.	9.8	75
83	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
84	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
85	Stability and $L_2$ -gain of discrete-time switched systems with unstable modes. International Journal of Robust and Nonlinear Control, 2020, 30, 567-586.	3.7	13
86	Event-Triggered Dynamic Output Feedback Control for Switched Systems With Frequent Asynchronism. IEEE Transactions on Automatic Control, 2020, 65, 3120-3127.	5.7	137
87	Quantized Nonstationary Filtering of Networked Markov Switching RSNSs: A Multiple Hierarchical Structure Strategy. IEEE Transactions on Automatic Control, 2020, 65, 4816-4823.	5.7	144
88	Finite-time stabilization and $H_\infty$ 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
89	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
90	Stabilisation and $H_\infty$ 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

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91	Adaptive Dynamic Programming for a Class of Two-player Stackelberg Differential Games. , 2020, , .		2
92	Control design for switched port-controlled Hamiltonian systems with unstabilizable modes: An improved mode-dependent average dwell time scheme. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020, 38, 100944.	3.5	4
93	Adaptive finite-time output-feedback control design for switched pure-feedback nonlinear systems with average dwell time. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020, 37, 100908.	3.5	79
94	Interval observer design method for asynchronous switched systems. <i>IET Control Theory and Applications</i> , 2020, 14, 1082-1090.	2.1	35
95	A review on carrier aircraft dispatch path planning and control on deck. <i>Chinese Journal of Aeronautics</i> , 2020, 33, 3039-3057.	5.3	39
96	Partial and Global Stabilization at An Attractor for k-valued Logical Control Networks. <i>Journal of the Franklin Institute</i> , 2020, 357, 7003-7019.	3.4	8
97	New Results on Finite-Time Stability and Stabilization of Switched Positive Linear Time-Delay Systems. <i>IEEE Access</i> , 2020, 8, 4418-4427.	4.2	4
98	Locating method and motion stroke design of flexible assembly tooling for multiple aircraft components. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 549-571.	3.0	10
99	Functional interval observer for discrete-time systems with disturbances. <i>Applied Mathematics and Computation</i> , 2020, 383, 125352.	2.2	23
100	Positioning error guarantee method with two-stage compensation strategy for aircraft flexible assembly tooling. <i>Journal of Manufacturing Systems</i> , 2020, 55, 285-301.	13.9	14
101	Static output feedback control of switched systems with quantization: A nonhomogeneous sojourn probability approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 5992-6005.	3.7	84
102	Stability analysis of switched positive nonlinear systems: an invariant ray approach. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	3
103	Adaptive Fuzzy Tracking Control for a Class of Uncertain Switched Nonlinear Systems with Multiple Constraints: A Small-Gain Approach. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 2609-2624.	4.0	104
104	Observer-based fuzzy adaptive stabilization of uncertain switched stochastic nonlinear systems with input quantization. <i>Journal of the Franklin Institute</i> , 2019, 356, 1789-1809.	3.4	109
105	Stabilization of discrete-time switched singular systems with state, output and switching delays. <i>Journal of the Franklin Institute</i> , 2019, 356, 2060-2089.	3.4	11
106	Adaptive neural control for switched nonlinear systems with unknown backlash-like hysteresis and output dead-zone. <i>Neurocomputing</i> , 2019, 357, 203-214.	5.9	97
107	Observer-based adaptive fuzzy tracking control of MIMO switched nonlinear systems preceded by unknown backlash-like hysteresis. <i>Information Sciences</i> , 2019, 490, 369-386.	6.9	109
108	Delay-dependent global exponential stability for neural networks with time-varying delay. <i>Neurocomputing</i> , 2019, 338, 172-180.	5.9	32

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109	Stability of Discrete-time Switched Positive Linear Systems with Mode-dependent Average Dwell Time. Lecture Notes in Control and Information Sciences, 2019, , 3-10.	1.0	0
110	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
111	Design of multiple-mode observer and multiple-mode controller for switched positive linear systems. IET Control Theory and Applications, 2019, 13, 1320-1328.	2.1	11
112	Stability of switched positive linear time-delay systems. IET Control Theory and Applications, 2019, 13, 912-919.	2.1	23
113	Point Stabilization Control Method for WIP Vehicles Based on Motion Planning. IEEE Transactions on Industrial Informatics, 2019, 15, 3368-3378.	11.3	10
114	Optimal control of Boolean control networks with average cost: A policy iteration approach. Automatica, 2019, 100, 378-387.	5.0	146
115	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
116	Stability of discrete-time switched systems with admissible edge-dependent switching signals. International Journal of Systems Science, 2018, 49, 974-983.	5.5	16
117	Stability Analysis and Delay Control for Switched Positive Linear Systems. IEEE Transactions on Automatic Control, 2018, 63, 2184-2190.	5.7	116
118	New approaches to positive observer design for discrete-time positive linear systems. Journal of the Franklin Institute, 2018, 355, 4336-4350.	3.4	40
119	Stabilization of switched linear systems via admissible edge-dependent switching signals. Nonlinear Analysis: Hybrid Systems, 2018, 29, 100-109.	3.5	63
120	$\frac{\partial}{\partial t} \left( \sum_{i=1}^n x_i \right) + \sum_{i=1}^n \lambda_i x_i = \sum_{i=1}^n \mu_i x_i$ filtering of discrete-time switched systems via admissible edge-dependent switching signals. Systems and Control Letters, 2018, 113, 17-26.		
121	Observer Design and Unknown Input Reconstruction for a Class of Switched Descriptor Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1411-1419.	9.3	45
122	Stability analysis of switched systems with extended average dwell time. Transactions of the Institute of Measurement and Control, 2018, 40, 1425-1434.	1.7	24
123	Fuzzy Tracking Control for Switched Uncertain Nonlinear Systems With Unstable Inverse Dynamics. IEEE Transactions on Fuzzy Systems, 2018, 26, 1066-1072.	9.8	19
124	Improved Controller Design for Uncertain Positive Systems and its Extension to Uncertain Positive Switched Systems. Asian Journal of Control, 2018, 20, 159-173.	3.0	15
125	Collaborative distributed design for wireless control systems with Markovian-type control network and distributed network-induced time delays. International Journal of Robust and Nonlinear Control, 2018, 28, 5464-5480.	3.7	5
126	Stability and L1-gain analysis for switched positive Tak-Sugeno fuzzy systems under asynchronous switching. Journal of the Franklin Institute, 2018, 355, 5912-5927.	3.4	24



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127	Stability of discrete-time systems with time-varying delay based on switching technique. Journal of the Franklin Institute, 2018, 355, 6026-6044.	3.4	10
128	Fuzzy-Approximation-Based Adaptive Output-Feedback Control for Uncertain Nonsmooth Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3847-3859.	9.8	138
129	Stability and control of discrete-time switched systems via one-step ahead Lyapunov function approach. IET Control Theory and Applications, 2018, 12, 1141-1147.	2.1	17
130	Distributed Consensus of Multiple Euler-Lagrange Systems Networked by Sampled-Data Information With Transmission Delays and Data Packet Dropouts. IEEE Transactions on Automation Science and Engineering, 2017, 14, 1440-1450.	5.2	54
131	New Stability and Stabilization Conditions of Switched Systems with Mode-Dependent Average Dwell Time. Circuits, Systems, and Signal Processing, 2017, 36, 82-98.	2.0	138
132	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
133	Static output feedback control of nonhomogeneous Markovian jump systems with asynchronous time delays. Information Sciences, 2017, 399, 219-238.	6.9	120
134	Exponential stability analysis and of positive T-S fuzzy systems with time-varying delays. Nonlinear Analysis: Hybrid Systems, 2017, 24, 186-197.	3.5	138
135	Robust impulsive reset observers of a class of switched nonlinear systems with unknown inputs. Journal of the Franklin Institute, 2017, 354, 2924-2943.	3.4	25
136	An improved approach to controller design of positive systems using controller gain decomposition. Journal of the Franklin Institute, 2017, 354, 1356-1373.	3.4	29
137	Adaptive Neural Tracking Control for Switched High-Order Stochastic Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 3088-3099.	9.5	85
138	Robust adaptive tracking control of uncertain systems with time-varying input delays. International Journal of Systems Science, 2017, 48, 3440-3449.	5.5	6
139	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
140	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
141	Switching Stabilization of Switched Systems Composed of Unstable Subsystems. Studies in Systems, Decision and Control, 2017, , 41-63.	1.0	0
142	Control Synthesis of Switched Systems. Studies in Systems, Decision and Control, 2017, , .	1.0	34
143	Adaptive Fuzzy Hierarchical Sliding-Mode Control for a Class of MIMO Nonlinear Time-Delay Systems With Input Saturation. IEEE Transactions on Fuzzy Systems, 2017, 25, 1062-1077.	9.8	175
144	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

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145	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
146	Dual approach to stability and stabilisation of uncertain switched positive systems. International Journal of Systems Science, 2017, 48, 873-884.	5.5	13
147	Adaptive neural tracking control for a class of uncertain switched nonlinear systems with unknown backlash-like hysteresis control input. Neurocomputing, 2017, 219, 50-58.	5.9	28
148	Aero-engine performance optimization based on whale optimization algorithm. , 2017, , .		6
149	New approaches to positive observer design of linear positive systems. , 2017, , .		1
150	Finite-time exact tracking control for a class of nonlinear dynamical systems. IET Control Theory and Applications, 2017, 11, 2020-2027.	2.1	7
151	Conclusions and Future Study Directions. Studies in Systems, Decision and Control, 2017, , 163-164.	1.0	0
152	Absolute exponential $L_1$ -gain analysis and synthesis of switched nonlinear positive systems with time-varying delay. Applied Mathematics and Computation, 2016, 284, 24-36.	2.2	38
153	State-dependent switching control of switched positive fractional-order systems. ISA Transactions, 2016, 62, 103-108.	5.7	75
154	$L_1$ -Gain analysis and synthesis of Markovian jump positive systems with time delay. ISA Transactions, 2016, 63, 93-102.	5.7	42
155	Linear programming-based robust model predictive control for positive systems. IET Control Theory and Applications, 2016, 10, 1789-1797.	2.1	29
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