

Xudong Zhao

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208
papers

8,791
citations

50
h-index

89
g-index

223
ext. papers

10,949
ext. citations

4.2
avg. IF

7.21
L-index

#	Paper	IF	Citations
208	Stability and Stabilization of Switched Linear Systems With Mode-Dependent Average Dwell Time. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1809-1815	5.9	707
207	Stability of switched positive linear systems with average dwell time switching. <i>Automatica</i> , 2012 , 48, 1132-1137	5.7	456
206	Fault-tolerant control of Markovian jump stochastic systems via the augmented sliding mode observer approach. <i>Automatica</i> , 2014 , 50, 1825-1834	5.7	453
205	Adaptive tracking control for a class of uncertain switched nonlinear systems. <i>Automatica</i> , 2015 , 52, 185-191	5.7	287
204	Adaptive tracking control for switched stochastic nonlinear systems with unknown actuator dead-zone. <i>Automatica</i> , 2015 , 60, 193-200	5.7	284
203	Switching Stabilization for a Class of Slowly Switched Systems. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 221-226	5.9	241
202	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011 , 58, 2755-2764	3.9	235
201	New Results on Stability of Slowly Switched Systems: A Multiple Discontinuous Lyapunov Function Approach. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 3502-3509	5.9	208
200	Fuzzy Approximation Based Asymptotic Tracking Control for a Class of Uncertain Switched Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 632-644	8.3	175
199	Improved results on stability of continuous-time switched positive linear systems. <i>Automatica</i> , 2014 , 50, 614-621	5.7	166
198	. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 313-323	8.3	162
197	Stabilization for a Class of Switched Nonlinear Systems With Novel Average Dwell Time Switching by T-S Fuzzy Modeling. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1952-7	10.2	161
196	Fuzzy Adaptive Control Design and Discretization for a Class of Nonlinear Uncertain Systems. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1476-83	10.2	153
195	Stability of a class of switched positive linear time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 578-589	3.6	147
194	Adaptive Fuzzy Hierarchical Sliding-Mode Control for a Class of MIMO Nonlinear Time-Delay Systems With Input Saturation. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1062-1077	8.3	144
193	Adaptive Fuzzy Finite-Time Control of Nonlinear Systems With Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1786-1797	10.2	133
192	Control of Switched Nonlinear Systems via TB Fuzzy Modeling. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 235-241	8.3	111

191	Fuzzy-Approximation-Based Adaptive Output-Feedback Control for Uncertain Nonsmooth Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3847-3859	8.3	111
190	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 4161-4170	8.9	111
189	New Stability and Stabilization Conditions of Switched Systems with Mode-Dependent Average Dwell Time. <i>Circuits, Systems, and Signal Processing</i> , 2017 , 36, 82-98	2.2	110
188	Adaptive Neural Control of MIMO Nonstrict-Feedback Nonlinear Systems With Time Delay. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1337-49	10.2	109
187	Improved stability criteria for switched positive linear systems with average dwell time switching. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3472-3484	4	108
186	Quantized Nonstationary Filtering of Networked Markov Switching RSNSs: A Multiple Hierarchical Structure Strategy. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4816-4823	5.9	108
185	Intelligent Tracking Control for a Class of Uncertain High-Order Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1976-82	10.3	107
184	Adaptive Neural Backstepping Control Design for A Class of Nonsmooth Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1820-1831	7.3	101
183	Static output feedback control of nonhomogeneous Markovian jump systems with asynchronous time delays. <i>Information Sciences</i> , 2017 , 399, 219-238	7.7	100
182	Asynchronously switched control of a class of slowly switched linear systems. <i>Systems and Control Letters</i> , 2012 , 61, 1151-1156	2.4	92
181	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	7.7	91
180	Observed-based adaptive finite-time tracking control for a class of nonstrict-feedback nonlinear systems with input saturation. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11518-11544	4	91
179	Optimal control of Boolean control networks with average cost: A policy iteration approach. <i>Automatica</i> , 2019 , 100, 378-387	5.7	89
178	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	3.6	88
177	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	4	86
176	Delay-dependent observer-based finite-time control for switched systems with time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2012 , 6, 885-898	4.5	84
175	Multiple-Mode Observer Design for a Class of Switched Linear Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2015 , 12, 272-280	4.9	78
174	Stability Analysis and Delay Control for Switched Positive Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2184-2190	5.9	76

173	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	3.6	74
172	Adaptive neural control for switched nonlinear systems with unknown backlash-like hysteresis and output dead-zone. <i>Neurocomputing</i> , 2019 , 357, 203-214	5.4	73
171	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1394-1404	7.3	70
170	Adaptive Neural Tracking Control for Switched High-Order Stochastic Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3088-3099	10.2	67
169	Finite-time stabilization and boundedness of switched linear system under state-dependent switching. <i>Journal of the Franklin Institute</i> , 2013 , 350, 541-555	4	65
168	A Stochastic Sampling Consensus Protocol of Networked Euler-Lagrange Systems With Application to Two-Link Manipulator. <i>IEEE Transactions on Industrial Informatics</i> , 2015 , 11, 907-914	11.9	63
167	Observer-based adaptive neural tracking control for output-constrained switched MIMO nonstrict-feedback nonlinear systems with unknown dead zone. <i>Nonlinear Dynamics</i> , 2020 , 99, 1019-1036	5	63
166	A new control method for state-constrained nonlinear switched systems with application to chemical process. <i>International Journal of Control</i> , 2015 , 88, 1693-1701	1.5	60
165	Finite-time H_2 control of switched systems with mode-dependent average dwell time. <i>Journal of the Franklin Institute</i> , 2014 , 351, 1301-1315	4	58
164	State-dependent switching control of switched positive fractional-order systems. <i>ISA Transactions</i> , 2016 , 62, 103-8	5.5	58
163	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> , 2020 , 1-12	7.3	51
162	New robust delay-dependent stability and H_2 analysis for uncertain Markovian jump systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2010 , 347, 863-874	4	51
161	Event-triggered adaptive fuzzy output feedback control of MIMO switched nonlinear systems with average dwell time. <i>Applied Mathematics and Computation</i> , 2020 , 365, 124665	2.7	51
160	Asynchronous finite-time control for switched linear systems via mode-dependent dynamic state-feedback. <i>Nonlinear Analysis: Hybrid Systems</i> , 2013 , 8, 109-120	4.5	50
159	Weighted H_2 performance analysis of switched linear systems with mode-dependent average dwell time. <i>International Journal of Systems Science</i> , 2013 , 44, 2130-2139	2.3	50
158	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	4.5	49
157	. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017 , 14, 1440-1450	4.9	46
156	Event-Triggered Dynamic Output Feedback Control for Switched Systems With Frequent Asynchronism. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3120-3127	5.9	45

155	Interval Type-2 Fuzzy Sampled-Data H_{∞} Control for Nonlinear Unreliable Networked Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1434-1448	8.3	42
154	Adaptive fault-tolerant control for switched nonlinear systems based on command filter technique. <i>Applied Mathematics and Computation</i> , 2021 , 392, 125725	2.7	42
153	Absolute exponential stability and stabilization of switched nonlinear systems. <i>Systems and Control Letters</i> , 2014 , 66, 51-57	2.4	40
152	Reduced-Order Observer Design for Switched Descriptor Systems With Unknown Inputs. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 287-294	5.9	38
151	Stabilization of switched linear systems via admissible edge-dependent switching signals. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018 , 29, 100-109	4.5	35
150	Discussions on observer design of nonlinear positive systems via TB fuzzy modeling. <i>Neurocomputing</i> , 2015 , 157, 70-75	5.4	33
149	Fuzzy H_{∞} Output Feedback Control for Nonlinear NCSs With Quantization and Stochastic Communication Protocol. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	32
148	p-Times differentiable unbounded functions for robust control of uncertain switched nonlinear systems with tracking constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 2965-2983	3.6	32
147	L1/ ∞ -Gain analysis and synthesis of Markovian jump positive systems with time delay. <i>ISA Transactions</i> , 2016 , 63, 93-102	5.5	32
146	Adaptive-Critic Design for Decentralized Event-Triggered Control of Constrained Nonlinear Interconnected Systems Within an Identifier-Critic Framework. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	32
145	Finite-Time Stability and Stabilization of Fractional Order Positive Switched Systems. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 2450-2470	2.2	31
144	Adaptive output-feedback neural tracking control for a class of nonstrict-feedback nonlinear systems. <i>Information Sciences</i> , 2016 , 334-335, 205-218	7.7	30
143	New approaches to positive observer design for discrete-time positive linear systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4336-4350	4	29
142	Observer Design and Unknown Input Reconstruction for a Class of Switched Descriptor Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1411-1419	7.3	29
141	l_2 filtering of discrete-time switched systems via admissible edge-dependent switching signals. <i>Systems and Control Letters</i> , 2018 , 113, 17-26	2.4	28
140	Adaptive neural tracking control for a class of switched uncertain nonlinear systems. <i>Neurocomputing</i> , 2015 , 168, 320-326	5.4	28
139	Adaptive fuzzy tracking control for a class of high-order switched uncertain nonlinear systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6567-6587	4	27
138	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	7.3	27

137	Exponential stability analysis and synthesis of positive T-S fuzzy systems with time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017 , 24, 186-197	4.5	26
136	Single-network ADP for solving optimal event-triggered tracking control problem of completely unknown nonlinear systems. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 4795-4815	8.4	26
135	Interval observer design method for asynchronous switched systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 1082-1090	2.5	25
134	Adaptive neural tracking control for a class of uncertain switched nonlinear systems with unknown backlash-like hysteresis control input. <i>Neurocomputing</i> , 2017 , 219, 50-58	5.4	24
133	Model-Based adaptive event-Triggered control of nonlinear continuous-Time systems. <i>Applied Mathematics and Computation</i> , 2021 , 408, 126330	2.7	24
132	Stability analysis of discrete-time switched linear systems with unstable subsystems. <i>Applied Mathematics and Computation</i> , 2016 , 273, 718-725	2.7	23
131	Estimator design of discrete-time switched positive linear systems with average dwell time. <i>Journal of the Franklin Institute</i> , 2014 , 351, 579-588	4	23
130	Absolute exponential L ₁ -gain analysis and synthesis of switched nonlinear positive systems with time-varying delay. <i>Applied Mathematics and Computation</i> , 2016 , 284, 24-36	2.7	23
129	Fuzzy output-feedback control for non-linear systems with input time-varying delay. <i>IET Control Theory and Applications</i> , 2014 , 8, 738-745	2.5	22
128	Linear programming-based robust model predictive control for positive systems. <i>IET Control Theory and Applications</i> , 2016 , 10, 1789-1797	2.5	22
127	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> , 2021 , PP,	10.2	22
126	An improved approach to controller design of positive systems using controller gain decomposition. <i>Journal of the Franklin Institute</i> , 2017 , 354, 1356-1373	4	21
125	Control Synthesis of Switched Systems. <i>Studies in Systems, Decision and Control</i> , 2017 ,	0.8	21
124	Delay-dependent global exponential stability for neural networks with time-varying delay. <i>Neurocomputing</i> , 2019 , 338, 172-180	5.4	20
123	Delay-dependent stability criterion and H _∞ analysis for Markovian jump systems with time-varying delays. <i>Asian Journal of Control</i> , 2011 , 13, 232-239	1.7	20
122	Delay-dependent H _∞ performance analysis for Markovian jump systems with mode-dependent time varying delays and partially known transition rates. <i>International Journal of Control, Automation and Systems</i> , 2010 , 8, 482-489	2.9	20
121	Resilient H_{∞} Filter Design For Continuous-Time Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	20
120	Robust Tube-Based Model Predictive Control for Lane Change Maneuver of Tractor-Trailer Vehicles Based on a Polynomial Trajectory. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5180-5188	7.3	20

119	Stability and L1-gain analysis for switched positive TS fuzzy systems under asynchronous switching. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5912-5927	4	20
118	Robust impulsive reset observers of a class of switched nonlinear systems with unknown inputs. <i>Journal of the Franklin Institute</i> , 2017 , 354, 2924-2943	4	19
117	Bumpless Transfer H _∞ Anti-Disturbance Control of Switching Markovian LPV Systems Under the Hybrid Switching. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	19
116	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> , 1-23	2.3	19
115	Further results on stability and stabilisation of switched positive systems. <i>IET Control Theory and Applications</i> , 2015 , 9, 2132-2139	2.5	18
114	Absolute exponential stability of switched nonlinear time-delay systems. <i>Journal of the Franklin Institute</i> , 2016 , 353, 1249-1267	4	18
113	On robust control of continuous-time systems with state-dependent uncertainties and its application to mechanical systems. <i>ISA Transactions</i> , 2016 , 60, 12-20	5.5	18
112	Reliable fault diagnosis method using ensemble fuzzy ARTMAP based on improved Bayesian belief method. <i>Neurocomputing</i> , 2014 , 133, 309-316	5.4	18
111	A novel approach to stability analysis for switched positive linear systems. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3883-3898	4	18
110	Stabilization of jump linear systems with mode-dependent time-varying delays. <i>Optimal Control Applications and Methods</i> , 2011 , 32, 139-152	1.7	18
109	Stability analysis of switched systems with extended average dwell time. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 1425-1434	1.8	17
108	Adaptive control design for uncertain switched nonstrict-feedback nonlinear systems to achieve asymptotic tracking performance. <i>Applied Mathematics and Computation</i> , 2021 , 408, 126344	2.7	17
107	Stability analysis of discrete-time switched systems: a switched homogeneous Lyapunov function method. <i>International Journal of Control</i> , 2016 , 89, 297-305	1.5	16
106	Distributed adaptive attitude synchronization for spacecraft formation flying with sampled-data information flows. <i>Journal of the Franklin Institute</i> , 2015 , 352, 2796-2809	4	16
105	Stability and L_2 -Gain Analysis of Discrete-Time Switched Systems with Mode-Dependent Average Dwell Time. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2305-2314	7.3	16
104	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 , 1-1	3.5	15
103	Fuzzy Energy-to-peak Filtering For Continuous-time Nonlinear Singular System. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	15
102	Stability and control of discrete-time switched systems via one-step ahead Lyapunov function approach. <i>IET Control Theory and Applications</i> , 2018 , 12, 1141-1147	2.5	14

101	Event-trigger-based adaptive fuzzy hierarchical sliding mode control of uncertain under-actuated switched nonlinear systems. <i>ISA Transactions</i> , 2019 ,	5.5	14
100	Stability of switched positive linear time-delay systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 912-919	2.5	14
99	Stability analysis of fuzzy polynomial positive systems with time delay 2014 ,		13
98	Adaptive neural decentralised control for switched interconnected nonlinear systems with backlash-like hysteresis and output constraints. <i>International Journal of Systems Science</i> , 1-17	2.3	13
97	Reset stabilisation of positive linear systems. <i>International Journal of Systems Science</i> , 2016 , 47, 2773-2782,		12
96	Adaptive Control for a Class of Switched Linear Systems Using State-Dependent Switching. <i>Circuits, Systems, and Signal Processing</i> , 2015 , 34, 3681-3695	2.2	12
95	New results on robust control for a class of uncertain systems and its applications to Chua's oscillator. <i>Nonlinear Dynamics</i> , 2016 , 84, 1929-1941	5	12
94	Dual approach to stability and stabilisation of uncertain switched positive systems. <i>International Journal of Systems Science</i> , 2017 , 48, 873-884	2.3	11
93	Functional interval observer for discrete-time systems with disturbances. <i>Applied Mathematics and Computation</i> , 2020 , 383, 125352	2.7	11
92	Small-gain technique-based adaptive fuzzy command filtered control for uncertain nonlinear systems with unmodeled dynamics and disturbances. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 1664-1684	2.8	11
91	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	4.3	11
90	Stability and (L_1)-Gain Analysis for Switched Delay Positive Systems with Stable and Unstable Subsystems. <i>Circuits, Systems, and Signal Processing</i> , 2015 , 34, 1683-1696	2.2	10
89	Fuzzy Tracking Control for Switched Uncertain Nonlinear Systems With Unstable Inverse Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1066-1072	8.3	10
88	Adaptive neural tracking control for a class of uncertain nonstrict-feedback nonlinear systems. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6503-6519	4	10
87	Peak-to-Peak Filtering for Discrete-Time Singular Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	10
86	Stability analysis of reset positive systems with discrete-time triggering conditions. <i>Applied Mathematics Letters</i> , 2015 , 39, 80-84	3.5	9
85	Event-Triggered Optimal Control for Discrete-Time Switched Nonlinear Systems With Constrained Control Input. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	9
84	Stability of discrete-time switched systems with admissible edge-dependent switching signals. <i>International Journal of Systems Science</i> , 2018 , 49, 974-983	2.3	9

83	Improved Controller Design for Uncertain Positive Systems and its Extension to Uncertain Positive Switched Systems. <i>Asian Journal of Control</i> , 2018 , 20, 159-173	1.7	9
82	Stabilisation and H _∞ control for switched port-controlled Hamiltonian systems with unstable modes and actuator saturation. <i>International Journal of Systems Science</i> , 2020 , 51, 1-19	2.3	9
81	Adaptive Decentralized Asymptotic Tracking Control for Large-Scale Nonlinear Systems With Unknown Strong Interconnections. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 1-14	7	9
80	Stability of discrete-time systems with time-varying delay based on switching technique. <i>Journal of the Franklin Institute</i> , 2018 , 355, 6026-6044	4	9
79	Stabilization of discrete-time switched singular systems with state, output and switching delays. <i>Journal of the Franklin Institute</i> , 2019 , 356, 2060-2089	4	8
78	A review on carrier aircraft dispatch path planning and control on deck. <i>Chinese Journal of Aeronautics</i> , 2020 , 33, 3039-3057	3.7	8
77	Delay-dependent robust control for uncertain stochastic systems with Markovian switching and multiple delays. <i>Journal of Systems Engineering and Electronics</i> , 2010 , 21, 287-295	1.3	8
76	Stability and l2-gain of discrete-time switched systems with unstable modes. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 567-586	3.6	8
75	LP-based observer design for switched positive linear time-delay systems. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 2419-2427	1.8	8
74	Design of multiple-mode observer and multiple-mode controller for switched positive linear systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 1320-1328	2.5	8
73	Neural-network-based tracking Control for a Class of time-delay nonlinear systems with unmodeled dynamics. <i>Neurocomputing</i> , 2020 , 396, 179-190	5.4	8
72	L2-gain analysis for dynamic event-triggered networked control systems with packet losses and quantization. <i>Automatica</i> , 2021 , 129, 109587	5.7	8
71	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	7.7	8
70	Tracking and (varvec{H_infty}) control of constrained nonlinear switched systems in strict feedback form. <i>Nonlinear Dynamics</i> , 2015 , 80, 87-100	5	7
69	Robust filter design for a class of uncertain systems with . <i>Journal of the Franklin Institute</i> , 2016 , 353, 4233-4252	4	6
68	Command Filter-Based Adaptive Neural Control Design for Nonstrict-Feedback Nonlinear Systems With Multiple Actuator Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	6
67	Data-driven-based event-triggered optimal control of unknown nonlinear systems with input constraints. <i>Nonlinear Dynamics</i> ,1	5	6
66	Stabilization for delayed positive nonlinear systems via T-S fuzzy modeling 2015 ,		5

65	Partial and Global Stabilization at An Attractor for k-valued Logical Control Networks. <i>Journal of the Franklin Institute</i> , 2020 , 357, 7003-7019	4	5
64	Finite-time exact tracking control for a class of non-linear dynamical systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 2020-2027	2.5	5
63	Point Stabilization Control Method for WIP Vehicles Based on Motion Planning. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3368-3378	11.9	5
62	Event-Triggered Control for Networked Switched Systems Subject to Data Asynchronization. <i>IEEE Systems Journal</i> , 2021 , 1-12	4.3	5
61	Quantized Dynamic Output Feedback Control and L_2 -Gain Analysis for Networked Control Systems: A Hybrid Approach. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 575-587	4.9	5
60	Switched Dynamic Systems with Logic Switching and Its Stability Analysis. <i>SIAM Journal on Control and Optimization</i> , 2021 , 59, 1188-1217	1.9	5
59	Robust adaptive tracking control of uncertain systems with time-varying input delays. <i>International Journal of Systems Science</i> , 2017 , 48, 3440-3449	2.3	4
58	H_∞ Filtering Design for Linear Systems with Interval Time-Varying Delays. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 347-359	2.2	4
57	Aero-engine performance optimization based on whale optimization algorithm 2017 ,		4
56	New stochastic stability criteria for Markovian jump systems with mode-dependent time-varying-delays. <i>International Journal of Intelligent Computing and Cybernetics</i> , 2010 , 3, 704-715	2.2	4
55	Finite-time stabilization and H_∞ control for a class of switched nonlinear port-controlled Hamiltonian systems subject to actuator saturation. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11807-11829	4.829	4
54	Stabilization of Linear Systems With Input Saturation and Large Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4482-4491	7.3	4
53	Collaborative distributed design for wireless control systems with Markovian-type control network and distributed network-induced time delays. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5464-5480	3.6	4
52	New Results on Finite-Time Stability and Stabilization of Switched Positive Linear Time-Delay Systems. <i>IEEE Access</i> , 2020 , 8, 4418-4427	3.5	3
51	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	3.2	3
50	Stability analysis and H_∞ controller design of a class of switched discrete-time fuzzy systems 2011 ,		3
49	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
48	Positioning error guarantee method with two-stage compensation strategy for aircraft flexible assembly tooling. <i>Journal of Manufacturing Systems</i> , 2020 , 55, 285-301	9.1	3

47	Observer design for semi-Markov jump systems with incremental quadratic constraints. <i>Journal of the Franklin Institute</i> , 2021 , 358, 5599-5622	4	3
46	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, 4314-435	3.5	3
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