

# Lixian Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

133  
papers

10,146  
citations

47  
h-index

100  
g-index

146  
ext. papers

11,993  
ext. citations

4.5  
avg, IF

7  
L-index

#	Paper	IF	Citations
133	Autonomous and Adaptive Navigation for Terrestrial-Aerial Bimodal Vehicles. <i>IEEE Robotics and Automation Letters</i> , <b>2022</b> , 7, 3008-3015	4.2	4
132	Semi-Markov jump linear systems with bi-boundary sojourn time: Anti-modal-asynchrony control. <i>Automatica</i> , <b>2022</b> , 140, 110270	5.7	2
131	Switched linear parameter-varying tracking control for quadrotors with large attitude angles and time-varying inertia. <i>Optimal Control Applications and Methods</i> , <b>2021</b> , 42, 1320-1336	1.7	1
130	Reinforcement learning control of constrained dynamic systems with uniformly ultimate boundedness stability guarantee. <i>Automatica</i> , <b>2021</b> , 129, 109689	5.7	11
129	. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2250-2256	5.9	16
128	Observation for Markov Jump Piecewise-Affine Systems With Admissible Region-Switching Paths. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 4319-4326	5.9	2
127	Stabilization of a class of fuzzy stochastic jump systems with partial information on jump and sojourn parameters. <i>Science China Technological Sciences</i> , <b>2021</b> , 64, 353-363	3.5	5
126	Estimation for Fuzzy Semi-Markov Jump Systems With Indirectly Accessible Mode Information and Nonideal Data Transmission. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 4016-4027	7.3	3
125	Synchronization Control With Adaptive Friction Compensation of Treadmill-Based Testing Apparatus for Wheeled Planetary Rover. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	1
124	Safe Reinforcement Learning With Stability Guarantee for Motion Planning of Autonomous Vehicles. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 5435-5444	10.3	9
123	Stability and Control of Fuzzy Semi-Markov Jump Systems Under Unknown Semi-Markov Kernel. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	1
122	Guaranteed cost control of rigid-body attitude systems under control saturation. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 2393-2410	3.6	0
121	Finite-time switched LPV control of quadrotors with guaranteed performance. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 7032-7054	4	2
120	Tube-based attitude control of rigid-bodies with magnitude-bounded disturbances. <i>Automatica</i> , <b>2021</b> , 133, 109845	5.7	1
119	Stability analysis and stabilization of discrete-time non-homogeneous semi-Markov jump linear systems: A polytopic approach. <i>Automatica</i> , <b>2020</b> , 120, 109080	5.7	23
118	New Results on Stabilization of Stochastic Switching Systems Subject to Partly Available Semi-Markov Kernel. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 1930-1935	0.7	0
117	Nonsynchronized State Estimation for Fuzzy Markov Jump Affine Systems With Switching Region Partitions. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	5

116	Actor-Critic Reinforcement Learning for Control With Stability Guarantee. <i>IEEE Robotics and Automation Letters</i> , <b>2020</b> , 5, 6217-6224	4.2	17
115	Semi-Markov Jump Linear Systems With Incomplete Sojourn and Transition Information: Analysis and Synthesis. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 159-174	5.9	36
114	Observed-Mode-Dependent State Estimation of Hidden Semi-Markov Jump Linear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 442-449	5.9	43
113	Control Synthesis of Hidden Semi-Markov Uncertain Fuzzy Systems via Observations of Hidden Modes. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3709-3718	10.2	28
112	Stabilization of non-homogeneous hidden semi-Markov Jump systems with limited sojourn-time information. <i>Automatica</i> , <b>2020</b> , 117, 108963	5.7	17
111	Guaranteed performance control of switched linear systems: A differential-Riccati-equation-based approach. <i>Peer-to-Peer Networking and Applications</i> , <b>2019</b> , 12, 1810-1819	3.1	2
110	Adaptive stabilization of impulsive switched linear time-delay systems: A piecewise dynamic gain approach. <i>Automatica</i> , <b>2019</b> , 103, 322-329	5.7	30
109	Observer-Based Stabilization of Nonhomogeneous Semi-Markov Jump Linear Systems With Mode-Switching Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 2029-2036	5.9	31
108	Switched linear parameter-varying modeling and tracking control for flexible hypersonic vehicle. <i>Aerospace Science and Technology</i> , <b>2019</b> , 95, 105445	4.9	18
107	Hybrid filter design of fault detection for networked linear systems with variable packet dropout rate. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 1239-1245	2.5	10
106	Stabilization of hidden semi-Markov jump systems: Emission probability approach. <i>Automatica</i> , <b>2019</b> , 101, 87-95	5.7	51
105	Analysis and synthesis for a class of stochastic switching systems against delayed mode switching: A framework of integrating mode weights. <i>Automatica</i> , <b>2019</b> , 99, 99-111	5.7	23
104	Fault Estimation Sliding-Mode Observer With Digital Communication Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 3434-3441	5.9	86
103	Stability and stabilization of a class of stochastic switching systems with lower bound of sojourn time. <i>Automatica</i> , <b>2018</b> , 92, 18-28	5.7	42
102	Distributed State Estimation of Sensor-Network Systems Subject to Markovian Channel Switching With Application to a Chemical Process. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 864-874	7.3	67
101	An Asynchronous Operation Approach to Event-Triggered Control for Fuzzy Markovian Jump Systems With General Switching Policies. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 6-18	8.3	191
100	Switched Adaptive Control of Air Handling Units With Discrete and Saturated Actuators <b>2018</b> , 2, 417-422		12
99	A novel Lyapunov function for a non-weighted L2 gain of asynchronously switched linear systems. <i>Automatica</i> , <b>2018</b> , 87, 310-317	5.7	74

98	Cyber-Physical Control. <i>Complexity</i> , <b>2018</b> , 2018, 1-2	1.6	1
97	Asynchronous Filtering for Discrete-Time Fuzzy Affine Systems With Variable Quantization Density. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 153-164	10.2	35
96	Finite-time control for networked switched linear systems with an event-driven communication approach. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 236-246	2.3	30
95	State estimation via Markov switching-channel network and application to suspension systems. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 411-419	2.5	18
94	Time-varying filter design for semi-Markov jump linear systems with intermittent transmission. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 4035	3.6	6
93	H <sub>∞</sub> fuzzy control of semi-Markov jump nonlinear systems under L <sub>2</sub> error mean square stability. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 2291-2299	2.3	8
92	Stability and Stabilization of Semi-Markov Jump Linear Systems With Exponentially Modulated Periodic Distributions of Sojourn Time. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 2870-2885	5.9	86
91	Improved Results on Asymptotic Stabilization for Stochastic Nonlinear Time-Delay Systems With Application to a Chemical Reactor System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 195-204	7.3	50
90	Robust Stabilization of a Wheeled Mobile Robot Using Model Predictive Control Based on Neurodynamics Optimization. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 505-516	8.9	77
89	Tracking control of hybrid systems with state-triggered jumps and stochastic events and its application. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 1024-1033	2.5	3
88	Nonstationary H <sub>∞</sub> dynamic output feedback control for discrete-time Markov jump linear systems with actuator and sensor saturations. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 1010-1025	3.6	34
87	Control of Switched Nonlinear Systems via T <sub>S</sub> Fuzzy Modeling. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 235-241	8.3	111
86	H <sub>∞</sub> model reduction of switched LPV systems via semi-time-varying reduced-order model. <i>Systems and Control Letters</i> , <b>2016</b> , 98, 25-32	2.4	7
85	Optimal Control of DC-DC Buck Converter via Linear Systems With Inaccessible Markovian Jumping Modes. <i>IEEE Transactions on Control Systems Technology</i> , <b>2016</b> , 24, 1820-1827	4.8	32
84	Time-Delay Switched Systems. <i>Studies in Systems, Decision and Control</i> , <b>2016</b> , 205-255	0.8	
83	Benefits of redundant channels in observer-based H <sub>∞</sub> control for discrete-time switched linear systems. <i>Science China Technological Sciences</i> , <b>2016</b> , 59, 55-62	3.5	9
82	Mode-identifying time estimation and switching-delay tolerant control for switched systems: An elementary time unit approach. <i>Automatica</i> , <b>2016</b> , 64, 174-181	5.7	44
81	Distributed Filtering for Fuzzy Time-Delay Systems With Packet Dropouts and Redundant Channels. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 559-572	7.3	134

80	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> , <b>2016</b> , 46, 1642-1653	7.3	48
79	Constrained model predictive control for time-varying delay systems: Application to an active car suspension. <i>International Journal of Control, Automation and Systems</i> , <b>2016</b> , 14, 51-58	2.9	49
78	Resilient model approximation for Markov jump time-delay systems via reduced model with hierarchical Markov chains. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3496-3507	2.3	8
77	Switched model predictive control of switched linear systems: Feasibility, stability and robustness. <i>Automatica</i> , <b>2016</b> , 67, 8-21	5.7	139
76	. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 1358-1385	4	11
75	A novel control approach for piecewise-affine systems with quantization in both measurement outputs and control inputs <b>2016</b> ,		1
74	Stability and stabilization of discrete-time semi-Markov jump linear systems with delay in controller mode switching <b>2016</b> ,		2
73	Reliable finite-time filtering for impulsive switched linear systems with sensor failures. <i>Signal Processing</i> , <b>2016</b> , 125, 134-144	4.4	16
72	Time-varying gain-scheduling -error mean square stabilisation of semi-Markov jump linear systems. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1215-1223	2.5	13
71	Robust Control of Networked Systems With Variable Communication Capabilities and Application to a Semi-Active Suspension System. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2016</b> , 21, 2097-2107	5.5	67
70	Non-weighted quasi-time-dependent . <i>Automatica</i> , <b>2015</b> , 54, 201-209	5.7	160
69	Input-Output Approach to Control for Fuzzy Markov Jump Systems With Time-Varying Delays and Uncertain Packet Dropout Rate. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 2449-60	10.2	109
68	Fault-Tolerant Sliding-Mode-Observer Synthesis of Markovian Jump Systems Using Quantized Measurements. <i>IEEE Transactions on Industrial Electronics</i> , <b>2015</b> , 62, 5910-5918	8.9	224
67	A sliding mode approach to robust stabilisation of Markovian jump linear time-delay systems with generally incomplete transition rates. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2015</b> , 17, 70-80	4.5	75
66	Mode-mismatched estimator design for Markov jump genetic regulatory networks with random time delays. <i>Neurocomputing</i> , <b>2015</b> , 168, 1121-1131	5.4	8
65	Uniform Tube Based Stabilization of Switched Linear Systems With Mode-Dependent Persistent Dwell-Time. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2994-2999	5.9	67
64	Energy-to-peak state estimation for Markov jump RNNs with time-varying delays via nonsynchronous filter with nonstationary mode transitions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 2346-56	10.3	80
63	Model reduction of A class of Markov jump nonlinear systems with time-varying delays via projection approach. <i>Neurocomputing</i> , <b>2015</b> , 166, 436-446	5.4	17

62	. <i>Neurocomputing</i> , <b>2015</b> , 165, 414-422	5.4	16
61	Extended finite-time $H_2$ control for uncertain switched linear neutral systems with time-varying delays. <i>Neurocomputing</i> , <b>2015</b> , 152, 377-387	5.4	36
60	New results on robust finite-time boundedness of uncertain switched neural networks with time-varying delays. <i>Neurocomputing</i> , <b>2015</b> , 151, 522-530	5.4	35
59	Formation control of impulsive networked autonomous underwater vehicles under fixed and switching topologies. <i>Neurocomputing</i> , <b>2015</b> , 147, 291-298	5.4	36
58	$p$ -Times differentiable unbounded functions for robust control of uncertain switched nonlinear systems with tracking constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2965-2983	3.6	32
57	Resilient Asynchronous $H_2$ Filtering for Markov Jump Neural Networks With Unideal Measurements and Multiplicative Noises. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 2840-52	10.2	181
56	Stability and Stabilization of Discrete-Time Semi-Markov Jump Linear Systems via Semi-Markov Kernel Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 1-1	5.9	11
55	Network-Based Finite-time Sampled-data Observer Design for Switched Linear Systems. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 590-595	0.7	1
54	Robust Finite-Time Control of Switched Linear Systems and Application to a Class of Servomechanism Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2015</b> , 20, 2476-2485	5.5	90
53	. <i>Neurocomputing</i> , <b>2015</b> , 157, 306-314	5.4	21
52	Passivity and passification for Markov jump genetic regulatory networks with time-varying delays. <i>Neurocomputing</i> , <b>2014</b> , 136, 321-326	5.4	29
51	Fault Detection, Isolation, and Tolerant Control of Vehicles using Soft Computing Methods. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 655-657	2.5	21
50	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 4161-4170	8.9	111
49	Robust extended dissipative control for sampled-data Markov jump systems. <i>International Journal of Control</i> , <b>2014</b> , 87, 1549-1564	1.5	196
48	Fuzzy model-based predictive control of dissolved oxygen in activated sludge processes. <i>Neurocomputing</i> , <b>2014</b> , 136, 88-95	5.4	63
47	A New Approach to $H_2$ Model Reduction for Positive Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 3809-3814		1
46	Stability and Stabilization of Discrete-time Markov Jump Piecewise-affine Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 10475-10480		6
45	Stabilisation of Markov jump linear systems subject to both state and mode detection delays. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 260-266	2.5	11

44	Control for discrete-time fuzzy Markov jump systems with mode-dependent antecedent parts <b>2014</b> ,		2
43	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 403-416	11.9	695
42	Fuzzy modeling approach to predictions of chemical oxygen demand in activated sludge processes. <i>Information Sciences</i> , <b>2013</b> , 235, 55-64	7.7	14
41	Robust stability analysis of Markov jump standard genetic regulatory networks with mixed time delays and uncertainties. <i>Neurocomputing</i> , <b>2013</b> , 110, 44-50	5.4	40
40	Control design for a hypersonic aircraft using a switched linear parameter-varying system approach. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2013</b> , 227, 85-95	1	13
39	H $\infty$ control for asynchronously switched linear parameter-varying systems with mode-dependent average dwell time. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 673-683	2.5	46
38	Reference tracking control of hypersonic vehicles using switched linear parameter-varying approach <b>2013</b> ,		1
37	A common linear copositive Lyapunov function for switched positive linear systems with commutable subsystems. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1994-2003	2.3	18
36	Stability of switched positive linear systems with average dwell time switching. <i>Automatica</i> , <b>2012</b> , 48, 1132-1137	5.7	456
35	Stability and Stabilization of Switched Linear Systems With Mode-Dependent Average Dwell Time. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 1809-1815	5.9	707
34	control of a class of discrete-time Markov jump linear systems with piecewise-constant TPs subject to average dwell time switching. <i>Journal of the Franklin Institute</i> , <b>2012</b> , 349, 1989-2003	4	39
33	Model reduction for a class of nonstationary Markov jump linear systems. <i>Journal of the Franklin Institute</i> , <b>2012</b> , 349, 2445-2460	4	17
32	Analysis and synthesis for networked control systems with uncertain rate of packet losses. <i>Journal of the Franklin Institute</i> , <b>2012</b> , 349, 2500-2514	4	32
31	Asynchronously switched control of a class of slowly switched linear systems. <i>Systems and Control Letters</i> , <b>2012</b> , 61, 1151-1156	2.4	92
30	H $\infty$ filtering for a class of switched linear parameter varying systems. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 781-788	2.3	33
29	Asynchronous Filtering of Discrete-Time Switched Linear Systems With Average Dwell Time. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2011</b> , 58, 1109-1118	3.9	250
28	Robust stability criterion for discrete-time uncertain Markovian jumping neural networks with defective statistics of modes transitions. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 164-70		66
27	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2011</b> , 58, 2755-2764	3.9	235

26	Stabilization of Continuous-Time Markov Jump Linear Systems with Defective Statistics of Modes Transitions. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 8693-8698		
25	A BRL for A Class of Discrete-time Markov Jump Linear System with Piecewise-Constant TPs. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 8699-8704		3
24	A $\mu$ -dependent approach to $H_2$ control of uncertain switched linear systems with average dwell time. <i>Optimal Control Applications and Methods</i> , <b>2011</b> , 32, 15-27	1.7	15
23	Fault detection for discrete-time Markov jump linear systems with partially known transition probabilities. <i>International Journal of Control</i> , <b>2010</b> , 83, 1564-1572	1.5	89
22	Necessary and Sufficient Conditions for Analysis and Synthesis of Markov Jump Linear Systems With Incomplete Transition Descriptions. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 1695-1701	5.9	384
21	Asynchronously switched control of switched linear systems with average dwell time. <i>Automatica</i> , <b>2010</b> , 46, 953-958	5.7	560
20	$H_2$ model reduction for discrete-time Markov jump linear systems with partially known transition probabilities. <i>International Journal of Control</i> , <b>2009</b> , 82, 343-351	1.5	44
19	Delay-dependent energy-to-peak filter design for stochastic systems with time delay: A delay partitioning approach <b>2009</b> ,		2
18	$H_2$ control for discrete-time Markovian jump linear systems with partly unknown transition probabilities. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 868-883	3.6	160
17	Stability and stabilization of Markovian jump linear systems with partly unknown transition probabilities. <i>Automatica</i> , <b>2009</b> , 45, 463-468	5.7	610
16	Mode-dependent $H_2$ filtering for discrete-time Markovian jump linear systems with partly unknown transition probabilities. <i>Automatica</i> , <b>2009</b> , 45, 1462-1467	5.7	310
15	. <i>Automatica</i> , <b>2009</b> , 45, 2570-2576	5.7	268
14	Stability, $L_2$ -Gain and Asynchronous $H_2$ Control of Discrete-Time Switched Systems With Average Dwell Time. <i>IEEE Transactions on Automatic Control</i> , <b>2009</b> , 54, 2192-2199	5.9	194
13	$\mu$ -Dependent model reduction for uncertain discrete-time switched linear systems with average dwell time. <i>International Journal of Control</i> , <b>2009</b> , 82, 378-388	1.5	35
12	Stability and Stabilization of a Class of Multimode Linear Discrete-Time Systems With Polytopic Uncertainties. <i>IEEE Transactions on Industrial Electronics</i> , <b>2009</b> , 56, 3684-3692	8.9	106
11	Analysis and Synthesis of Markov Jump Linear Systems With Time-Varying Delays and Partially Known Transition Probabilities. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 2458-2464	5.9	366
10	$L_2$ - $L_\infty$ Model Reduction for Switched LPV Systems With Average Dwell Time. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 2443-2448	5.9	164
9	Discrete-time Markovian jump linear systems with partly unknown transition probabilities: $H_2$ filtering problem <b>2008</b> ,		3



8	Fault detection for discrete-time Markov jump linear systems with partially known transition probabilities <b>2008</b> ,		6
7	Model Reduction for Switched Linear Discrete-Time Systems with polytopic uncertainties and arbitrary switching. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 7666-7671		1
6	Exponential $H_2$ filtering for uncertain discrete-time switched linear systems with average dwell time: A $\mu$ -dependent approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2008</b> , 18, 1188-1207	3.6	157
5	Delay-range-dependent control synthesis for time-delay systems with actuator saturation. <i>Automatica</i> , <b>2008</b> , 44, 2691-2695	5.7	128
4	$H_2$ model reduction for uncertain switched linear discrete-time systems. <i>Automatica</i> , <b>2008</b> , 44, 2944-2949	5.7	78
3	$H_2$ control of switched linear discrete-time systems with polytopic uncertainties. <i>Optimal Control Applications and Methods</i> , <b>2006</b> , 27, 273-291	1.7	41
2	Robust $H_2$ filtering for switched linear discrete-time systems with polytopic uncertainties. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2006</b> , 20, 291-304	2.8	122
1	Finite-time bounded control for quadrotors with extended dissipative performance using a switched system approach. <i>Transactions of the Institute of Measurement and Control</i> , 014233122210851	1.8	