Lixian Zhang

List of Publications by Year
in descending order

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146 papers	13,219 citations	34105 52 h-index	21540 114 g-index
146 all docs	146 docs citations	146 times ranked	4512 citing authors

#	Article	IF	Citations
1	Stability and Stabilization of Switched Linear Systems With Mode-Dependent Average Dwell Time. IEEE Transactions on Automatic Control, 2012, 57, 1809-1815.	5.7	971
2	Network-Induced Constraints in Networked Control Systemsâ€”A Survey. IEEE Transactions on Industrial Informatics, 2013, 9, 403-416.	11.3	915
3	Stability and stabilization of Markovian jump linear systems with partly unknown transition probabilities. Automatica, 2009, 45, 463-468.	5.0	764
4	Asynchronously switched control of switched linear systems with average dwell time. Automatica, 2010, 46, 953-958.	5.0	700
5	Stability of switched positive linear systems with average dwell time switching. Automatica, 2012, 48, 1132-1137.	5.0	596
6	Necessary and Sufficient Conditions for Analysis and Synthesis of Markov Jump Linear Systems With Incomplete Transition Descriptions. IEEE Transactions on Automatic Control, 2010, 55, 1695-1701.	5.7	453
7	Analysis and Synthesis of Markov Jump Linear Systems With Time-Varying Delays and Partially Known Transition Probabilities. IEEE Transactions on Automatic Control, 2008, 53, 2458-2464.	5.7	444
8	Mode-dependent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> filtering for discrete-time Markovian jump linear systems with partly unknown transition probabilities. Automatica, 2009, 45, 1462-1467.	5.0	376
9	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> estimation for discrete-time piecewise homogeneous Markov jump linear systems. Automatica, 2009, 45, 2570-2576.	5.0	330
10	Asynchronous Filtering of Discrete-Time Switched Linear Systems With Average Dwell Time. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1109-1118.	5.4	294
11	Fault-Tolerant Control for Nonlinear Markovian Jump Systems via Proportional and Derivative Sliding Mode Observer Technique. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2755-2764.	5.4	276
12	Stability, ${l}_{2}$-Gain and Asynchronous ${H}_{{infty}}$ Control of Discrete-Time Switched Systems With Average Dwell Time. IEEE Transactions on Automatic Control, 2009, 54, 2192-2199.	5.7	275
13	Fault-Tolerant Sliding-Mode-Observer Synthesis of Markovian Jump Systems Using Quantized Measurements. IEEE Transactions on Industrial Electronics, 2015, 62, 5910-5918.	7.9	272
14	An Asynchronous Operation Approach to Event-Triggered Control for Fuzzy Markovian Jump Systems With General Switching Policies. IEEE Transactions on Fuzzy Systems, 2018, 26, 6-18.	9.8	234
15	Robust extended dissipative control for sampled-data Markov jump systems. International Journal of Control, 2014, 87, 1549-1564.	1.9	220
16	Non-weighted quasi-time-dependent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si22.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> filtering for switched linear systems with persistent dwell-time. Automatica, 2015, 54, 201-209.	5.0	217
17	Resilient Asynchronous <inline-formula> <tex-math notation="LaTeX">$H_{infty }$ </tex-math></inline-formula> Filtering for Markov Jump Neural Networks With Unideal Measurements and Multiplicative Noises. IEEE Transactions on Cybernetics, 2015, 45, 2840-2852.	9.5	216
18	Switched model predictive control of switched linear systems: Feasibility, stability and robustness. Automatica, 2016, 67, 8-21.	5.0	195

#	Article	IF	Citations
19	$l_{2}-l_{infty}$ Model Reduction for Switched LPV Systems With Average Dwell Time. IEEE Transactions on Automatic Control, 2008, 53, 2443-2448.	5.7	194
20	H_{â^ž} control for discreteâ€time Markovian jump linear systems with partly unknown transition probabilities. International Journal of Robust and Nonlinear Control, 2009, 19, 868-883.	3.7	189
21	Exponential H_{â^ž} filtering for uncertain discreteâ€time switched linear systems with average dwell time: A Âµâ€dependent approach. International Journal of Robust and Nonlinear Control, 2008, 18, 1188-1207.	3.7	187
22	Distributed Filtering for Fuzzy Time-Delay Systems With Packet Dropouts and Redundant Channels. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 559-572.	9.3	162
23	Delay-range-dependent control synthesis for time-delay systems with actuator saturation. Automatica, 2008, 44, 2691-2695.	5.0	151
24	RobustHâ^ž filtering for switched linear discrete-time systems with polytopic uncertainties. International Journal of Adaptive Control and Signal Processing, 2006, 20, 291-304.	4.1	147
25	Robust Control of Continuous-Time Systems With State-Dependent Uncertainties and Its Application to Electronic Circuits. IEEE Transactions on Industrial Electronics, 2014, 61, 4161-4170.	7.9	133
26	Inputâ€”Output Approach to Control for Fuzzy Markov Jump Systems With Time-Varying Delays and Uncertain Packet Dropout Rate. IEEE Transactions on Cybernetics, 2015, 45, 2449-2460.	9.5	131
27	Control of Switched Nonlinear Systems via Tâ€“S Fuzzy Modeling. IEEE Transactions on Fuzzy Systems, 2016, 24, 235-241.	9.8	130
28	Fault Estimation Sliding-Mode Observer With Digital Communication Constraints. IEEE Transactions on Automatic Control, 2018, 63, 3434-3441.	5.7	126
29	Stability and Stabilization of a Class of Multimode Linear Discrete-Time Systems With Polytopic Uncertainties. IEEE Transactions on Industrial Electronics, 2009, 56, 3684-3692.	7.9	122
30	Stability and Stabilization of Semi-Markov Jump Linear Systems With Exponentially Modulated Periodic Distributions of Sojourn Time. IEEE Transactions on Automatic Control, 2017, 62, 2870-2885.	5.7	120
31	Fault detection for discrete-time Markov jump linear systems with partially known transition probabilities. International Journal of Control, 2010, 83, 1564-1572.	1.9	114
32	Robust Finite-Time Control of Switched Linear Systems and Application to a Class of Servomechanism Systems. IEEE/ASME Transactions on Mechatronics, 2015, 20, 2476-2485.	5.8	113
33	A novel Lyapunov function for a non-weighted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml8" display="inline" overflow="scroll" altimg="si2.gif"><mml:msub><mml:mrow><mml:mi mathvariant="script">L</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> gain of asynchronously switched linear systems. Automatica, 2018, 87, 310-317.	5.0	110
34	Robust Stabilization of a Wheeled Mobile Robot Using Model Predictive Control Based on Neurodynamics Optimization. IEEE Transactions on Industrial Electronics, 2017, 64, 505-516.	7.9	109
35	Asynchronously switched control of a class of slowly switched linear systems. Systems and Control Letters, 2012, 61, 1151-1156.	2.3	108
36	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si13.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:math> model reduction for uncertain switched linear discrete-time systems. Automatica, 2008, 44, 2944-2949.	5.0	96

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37	Uniform Tube Based Stabilization of Switched Linear Systems With Mode-Dependent Persistent Dwell-Time. IEEE Transactions on Automatic Control, 2015, 60, 2994-2999.	5.7	93
38	Energy-to-Peak State Estimation for Markov Jump RNNs With Time-Varying Delays via Nonsynchronous Filter With Nonstationary Mode Transitions. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2346-2356.	11.3	90
39	Observed-Mode-Dependent State Estimation of Hidden Semi-Markov Jump Linear Systems. IEEE Transactions on Automatic Control, 2020, 65, 442-449.	5.7	89
40	Stabilization of hidden semi-Markov jump systems: Emission probability approach. Automatica, 2019, 101, 87-95.	5.0	88
41	A sliding mode approach to robust stabilisation of Markovian jump linear time-delay systems with generally incomplete transition rates. Nonlinear Analysis: Hybrid Systems, 2015, 17, 70-80.	3.5	85
42	Distributed State Estimation of Sensor-Network Systems Subject to Markovian Channel Switching With Application to a Chemical Process. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 864-874.	9.3	83
43	Fuzzy model-based predictive control of dissolved oxygen in activated sludge processes. Neurocomputing, 2014, 136, 88-95.	5.9	82
44	Robust Stability Criterion for Discrete-Time Uncertain Markovian Jumping Neural Networks With Defective Statistics of Modes Transitions. IEEE Transactions on Neural Networks, 2011, 22, 164-170.	4.2	79
45	Improved Results on Asymptotic Stabilization for Stochastic Nonlinear Time-Delay Systems With Application to a Chemical Reactor System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 195-204.	9.3	77
46	Robust Control of Networked Systems With Variable Communication Capabilities and Application to a Semi-Active Suspension System. IEEE/ASME Transactions on Mechatronics, 2016, 21, 2097-2107.	5.8	76
47	Semi-Markov Jump Linear Systems With Incomplete Sojourn and Transition Information: Analysis and Synthesis. IEEE Transactions on Automatic Control, 2020, 65, 159-174.	5.7	76
48	Formation control of impulsive networked autonomous underwater vehicles under fixed and switching topologies. Neurocomputing, 2015, 147, 291-298.	5.9	66
49	Stability and Stabilization of a Class of Discrete-Time Fuzzy Systems With Semi-Markov Stochastic Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1642-1653.	9.3	65
50	Constrained model predictive control for time-varying delay systems: Application to an active car suspension. International Journal of Control, Automation and Systems, 2016, 14, 51-58.	2.7	64
51	Stability and stabilization of a class of stochastic switching systems with lower bound of sojourn time. Automatica, 2018, 92, 18-28.	5.0	63
52	Adaptive stabilization of impulsive switched linear time-delay systems: A piecewise dynamic gain approach. Automatica, 2019, 103, 322-329.	5.0	54
53	â„‹ _{âˆž} control for asynchronously switched linear parameterâ€varying systems with modeâ€dependent average dwell time. IET Control Theory and Applications, 2013, 7, 673-683.	2.1	53
54	Mode-identifying time estimation and switching-delay tolerant control for switched systems: An elementary time unit approach. Automatica, 2016, 64, 174-181.	5.0	53

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55	Actor-Critic Reinforcement Learning for Control With Stability Guarantee. IEEE Robotics and Automation Letters, 2020, 5, 6217-6224.	5.1	52
56	Observer-Based Stabilization of Nonhomogeneous Semi-Markov Jump Linear Systems With Mode-Switching Delays. IEEE Transactions on Automatic Control, 2019, 64, 2029-2036.	5.7	51
57	Control Synthesis of Hidden Semi-Markov Uncertain Fuzzy Systems via Observations of Hidden Modes. IEEE Transactions on Cybernetics, 2020, 50, 3709-3718.	9.5	50
58	H _{â^ž} model reduction for discrete-time Markov jump linear systems with partially known transition probabilities. International Journal of Control, 2009, 82, 343-351.	1.9	49
59	control of a class of discrete-time Markov jump linear systems with piecewise-constant TPs subject to average dwell time switching. Journal of the Franklin Institute, 2012, 349, 1989-2003.	3.4	47
60	Robust stability analysis of Markov jump standard genetic regulatory networks with mixed time delays and uncertainties. Neurocomputing, 2013, 110, 44-50.	5.9	47
61	Asynchronous Filtering for Discrete-Time Fuzzy Affine Systems With Variable Quantization Density. IEEE Transactions on Cybernetics, 2017, 47, 153-164.	9.5	47
62	Hâ^ž control of switched linear discrete-time systems with polytopic uncertainties. Optimal Control Applications and Methods, 2006, 27, 273-291.	2.1	46
63	Stabilization of non-homogeneous hidden semi-Markov Jump systems with limited sojourn-time information. Automatica, 2020, 117, 108963.	5.0	46
64	Stability and Stabilization of Discrete-Time Semi-Markov Jump Linear Systems via Semi-Markov Kernel Approach. IEEE Transactions on Automatic Control, 2015, , 1-1.	5.7	45
65	Optimal Control of DC-DC Buck Converter via Linear Systems With Inaccessible Markovian Jumping Modes. IEEE Transactions on Control Systems Technology, 2016, 24, 1820-1827.	5.2	44
66	Extended finite-time Hâ^ž control for uncertain switched linear neutral systems with time-varying delays. Neurocomputing, 2015, 152, 377-387.	5.9	43
67	Stability analysis and stabilization of discrete-time non-homogeneous semi-Markov jump linear systems: A polytopic approach. Automatica, 2020, 120, 109080.	5.0	43
68	Safe Reinforcement Learning With Stability Guarantee for Motion Planning of Autonomous Vehicles. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5435-5444.	11.3	43
69	New results on robust finite-time boundedness of uncertain switched neural networks with time-varying delays. Neurocomputing, 2015, 151, 522-530.	5.9	42
70	H_{â^ž}filtering for a class of switched linear parameter varying systems. International Journal of Systems Science, 2011, 42, 781-788.	5.5	41
71	pâ€Times differentiable unbounded functions for robust control of uncertain switched nonlinear systems with tracking constraints. International Journal of Robust and Nonlinear Control, 2015, 25, 2965-2983.	3.7	40
72	Finite-time control for networked switched linear systems with an event-driven communication approach. International Journal of Systems Science, 2017, 48, 236-246.	5.5	40

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73	Lyapunov-Equation-Based Stability Analysis for Switched Linear Systems and Its Application to Switched Adaptive Control. IEEE Transactions on Automatic Control, 2021, 66, 2250-2256.	5.7	40
74	Nonstationary H_{â^ž} dynamic output feedback control for discreteâ€time Markov jump linear systems with actuator and sensor saturations. International Journal of Robust and Nonlinear Control, 2016, 26, 1010-1025.	3.7	39
75	Î¼-Dependent model reduction for uncertain discrete-time switched linear systems with average dwell time. International Journal of Control, 2009, 82, 378-388.	1.9	38
76	Analysis and synthesis for networked control systems with uncertain rate of packet losses. Journal of the Franklin Institute, 2012, 349, 2500-2514.	3.4	38
77	Passivity and passification for Markov jump genetic regulatory networks with time-varying delays. Neurocomputing, 2014, 136, 321-326.	5.9	33
78	Analysis and synthesis for a class of stochastic switching systems against delayed mode switching: A framework of integrating mode weights. Automatica, 2019, 99, 99-111.	5.0	31
79	Reinforcement learning control of constrained dynamic systems with uniformly ultimate boundedness stability guarantee. Automatica, 2021, 129, 109689.	5.0	30
80	Switched linear parameter-varying modeling and tracking control for flexible hypersonic vehicle. Aerospace Science and Technology, 2019, 95, 105445.	4.8	27
81	A common linear copositive Lyapunov function for switched positive linear systems with commutable subsystems. International Journal of Systems Science, 2013, 44, 1994-2003.	5.5	26
82	Semi-Markov jump linear systems with bi-boundary sojourn time: Anti-modal-asynchrony control. Automatica, 2022, 140, 110270.	5.0	25
83	Fault Detection, Isolation, andTolerant Control of Vehicles using Soft Computing Methods. IET Control Theory and Applications, 2014, 8, 655-657.	2.1	24
84	Estimation for Fuzzy Semi-Markov Jump Systems With Indirectly Accessible Mode Information and Nonideal Data Transmission. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4016-4027.	9.3	24
85	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0001.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow><mml:m model approximation for discrete-time Takagiâ€“Sugeno fuzzy systems with Markovian jumping parameters. Neurocomputing, 2015, 157, 306-314.	5.9	22
86	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0031.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow></mml:math>â^ž state estimation for discrete-time switching neural networks with persistent dwell-time switching regularities. Neurocomputing, 2015, 165, 414-422.	5.9	21
87	Model reduction for a class of nonstationary Markov jump linear systems. Journal of the Franklin Institute, 2012, 349, 2445-2460.	3.4	19
88	State estimation via Markov switchingâ€channel network and application to suspension systems. IET Control Theory and Applications, 2017, 11, 411-419.	2.1	19
89	Switched Adaptive Control of Air Handling Units With Discrete and Saturated Actuators. , 2018, 2, 417-422.		19
90	Autonomous and Adaptive Navigation for Terrestrial-Aerial Bimodal Vehicles. IEEE Robotics and Automation Letters, 2022, 7, 3008-3015.	5.1	19

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91	A Âµâ€dependent approach to H_{â^ž} control of uncertain switched linear systems with average dwell time. Optimal Control Applications and Methods, 2011, 32, 15-27.	2.1	18
92	Control design for a hypersonic aircraft using a switched linear parameter-varying system approach. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2013, 227, 85-95.	1.0	18
93	Model reduction of A class of Markov jump nonlinear systems with time-varying delays via projection approach. Neurocomputing, 2015, 166, 436-446.	5.9	18
94	Fuzzy modeling approach to predictions of chemical oxygen demand in activated sludge processes. Information Sciences, 2013, 235, 55-64.	6.9	17
95	Reliable finite-time filtering for impulsive switched linear systems with sensor failures. Signal Processing, 2016, 125, 134-144.	3.7	17
96	Stabilization of a class of fuzzy stochastic jump systems with partial information on jump and sojourn parameters. Science China Technological Sciences, 2021, 64, 353-363.	4.0	17
97	Stability and Control of Fuzzy Semi-Markov Jump Systems Under Unknown Semi-Markov Kernel. IEEE Transactions on Fuzzy Systems, 2022, 30, 2452-2465.	9.8	16
98	Timeâ€varying gainâ€scheduling â€error mean square stabilisation of semiâ€Markov jump linear systems. IET Control Theory and Applications, 2016, 10, 1215-1223.	2.1	15
99	Stabilisation of Markov jump linear systems subject to both state and mode detection delays. IET Control Theory and Applications, 2014, 8, 260-266.	2.1	14
100	Nonsynchronized State Estimation for Fuzzy Markov Jump Affine Systems With Switching Region Partitions. IEEE Transactions on Cybernetics, 2022, 52, 2430-2439.	9.5	14
101	Hybrid filter design of fault detection for networked linear systems with variable packet dropout rate. IET Control Theory and Applications, 2019, 13, 1239-1245.	2.1	14
102	SytaB: A Class of Smooth-Transition Hybrid Terrestrial/Aerial Bicopters. IEEE Robotics and Automation Letters, 2022, 7, 9199-9206.	5.1	14
103	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow><m model reduction of switched LPV systems via semi-time-varying reduced-order model. Systems and Control Letters, 2016, 98, 25-32.	2.3	12
104	Benefits of redundant channels in observer-based H â^ž control for discrete-time switched linear systems. Science China Technological Sciences, 2016, 59, 55-62.	4.0	12
105	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0008.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž</mml:mo></mml:mrow><m state estimator design for discrete-time switched neural networks with multiple missing measurements and sojourn probabilities. Journal of the Franklin Institute, 2016, 353, 1358-1385.	3.4	12
106	H_{â^ž} fuzzy control of semi-Markov jump nonlinear systems under Ï‰-error mean square stability. International Journal of Systems Science, 2017, 48, 2291-2299.	5.5	11
107	Synchronization Control With Adaptive Friction Compensation of Treadmill-Based Testing Apparatus for Wheeled Planetary Rover. IEEE Transactions on Industrial Electronics, 2022, 69, 592-603.	7.9	11
108	Switched linear parameterâ€varying tracking control for quadrotors with large attitude angles and timeâ€varying inertia. Optimal Control Applications and Methods, 2021, 42, 1320-1336.	2.1	11

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109	Finite-time switched LPV control of quadrotors with guaranteed performance. Journal of the Franklin Institute, 2021, 358, 7032-7054.	3.4	11
110	Fault detection for discrete-time Markov jump linear systems with partially known transition probabilities. , 2008, , .		10
111	Timeâ€varying filter design for semiâ€Markov jump linear systems with intermittent transmission. International Journal of Robust and Nonlinear Control, 2017, 27, 4035-4049.	3.7	10
112	Resilient model approximation for Markov jump time-delay systems via reduced model with hierarchical Markov chains. International Journal of Systems Science, 2016, 47, 3496-3507.	5.5	9
113	Mode-mismatched estimator design for Markov jump genetic regulatory networks with random time delays. Neurocomputing, 2015, 168, 1121-1131.	5.9	8
114	Discrete-time Markovian jump linear systems with partly unknown transition probabilities: H<inf>∞</inf> filtering problem. , 2008, , .		7
115	Stability and Stabilization of Discrete-time Markov Jump Piecewise-affine Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10475-10480.	0.4	7
116	Delay-dependent energy-to-peak filter design for stochastic systems with time delay: A delay partitioning approach. , 2009, , .		6
117	Observation for Markov Jump Piecewise-Affine Systems With Admissible Region-Switching Paths. IEEE Transactions on Automatic Control, 2021, 66, 4319-4326.	5.7	6
118	Tracking control of hybrid systems with stateâ€triggered jumps and stochastic events and its application. IET Control Theory and Applications, 2017, 11, 1024-1033.	2.1	5
119	A BRL for A Class of Discrete-time Markov Jump Linear System with Piecewise-Constant TPs. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8699-8704.	0.4	4
120	A novel control approach for piecewise-affine systems with quantization in both measurement outputs and control inputs. , 2016, , .		4
121	Stability and stabilization of discrete-time semi-Markov jump linear systems with delay in controller mode switching. , 2016, , .		4
122	Model predictive control of switching continuousâ€time systems with stochastic jumps: Application to an electric current source. IET Control Theory and Applications, 2022, 16, 454-463.	2.1	4
123	Model Reduction for Switched Linear Discrete-Time Systems with polytopic uncertainties and arbitrary switching. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 7666-7671.	0.4	3
124	Control for discrete-time fuzzy Markov jump systems with mode-dependent antecedent parts. , 2014, , .		2
125	A New Approach to H âˆž Model Reduction for Positive Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3809-3814.	0.4	2
126	Network-Based Finite-time Sampled-data Observer Design for Switched Linear Systems. IFAC-PapersOnLine, 2015, 48, 590-595.	0.9	2

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127	Cyber-Physical Control. Complexity, 2018, 2018, 1-2.	1.6	2
128	Stance Phase Leg Actuation Control of the Active SLIP Running Based on Virtual Constraint in Sagittal Plane. , 2018, , .		2
129	Guaranteed performance control of switched linear systems: A differential-Riccati-equation-based approach. Peer-to-Peer Networking and Applications, 2019, 12, 1810-1819.	3.9	2
130	Tube-based attitude control of rigid-bodies with magnitude-bounded disturbances. Automatica, 2021, 133, 109845.	5.0	2
131	Finite-time bounded control for quadrotors with extended dissipative performance using a switched system approach. Transactions of the Institute of Measurement and Control, 2022, 44, 2511-2521.	1.7	2
132	Anti-Transitional-Asynchrony Control for a Class of Hybrid Fuzzy Systems With Application to Bicopter. IEEE Transactions on Fuzzy Systems, 2023, 31, 682-691.	9.8	2
133	New results on control synthesis for time-varying delay systems with actuator saturation. , 2008, , .		1
134	Stabilization of a class of slowly switched positive linear systems: State-feedback control. , 2012, , .		1
135	Reference tracking control of hypersonic vehicles using switched linear parameter-varying approach. , 2013, , .		1
136	Fault detection for networked systems with variable packet dropout rate. , 2016, , .		1
137	Guaranteed cost control of rigidâ€body attitude systems under control saturation. International Journal of Robust and Nonlinear Control, 2021, 31, 2393-2410.	3.7	1
138	New Results on Stabilization of Stochastic Switching Systems Subject to Partly Available Semi-Markov Kernel. IFAC-PapersOnLine, 2020, 53, 1930-1935.	0.9	1
139	Model reduction for switched linear parameter varying systems with average dwell time. , 2008, , .		0
140	Stabilization of Continuous-Time Markov Jump Linear Systems with Defective Statistics of Modes Transitions. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8693-8698.	0.4	0
141	A new result on robust control for continuous-time systems with state-dependent polytopic uncertainties. , 2014, , .		0
142	Estimation of a class of stochastic switching neural networks with sensor saturations through a nonsynchronous filter. , 2014, , .		0
143	Output-feedback control of continuous-time switched linear systems via modified Lyapunov-Metzler inequalities. , 2016, , .		0
144	Time-Delay Switched Systems. Studies in Systems, Decision and Control, 2016, , 205-255.	1.0	0

#	Article	IF	Citations
145	Wireless ethernet haptic transmission based on a switching three-channel bilateral control. , 2017, , .		0
146	On adaptive control of a class of switched time-delay systems. , 2020, , .		0