

James Lam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2535297/publications.pdf>

Version: 2024-02-01

533
papers

33,064
citations

3149

92
h-index

5965

160
g-index

539
all docs

539
docs citations

539
times ranked

8460
citing authors

#	ARTICLE	IF	CITATIONS
1	A new delay system approach to network-based control. Automatica, 2008, 44, 39-52. Network-based robust σ_2 control xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevie.	3.0	1,189
2	Autom xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevie.	3.0	1,022
3	Stabilization of linear systems over networks with bounded packet loss. Automatica, 2007, 43, 80-87.	3.0	617
4	An LMI approach to design robust fault detection filter for uncertain LTI systems. Automatica, 2003, 39, 543-550.	3.0	518
5	Delay-Dependent H_∞ Control and Filtering for Uncertain Markovian Jump Systems With Time-Varying Delays. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 2070-2077.	0.1	516
6	Static Output Feedback Stabilization: An ILMI Approach. Automatica, 1998, 34, 1641-1645.	3.0	513
7	On robust stabilization of Markovian jump systems with uncertain switching probabilities. Automatica, 2005, 41, 897-903.	3.0	489
8	Robust integral sliding mode control for uncertain stochastic systems with time-varying delay. Automatica, 2005, 41, 873-880.	3.0	487
9	Robust H_∞ filtering for uncertain markovian jump systems with mode-dependent time delays. IEEE Transactions on Automatic Control, 2003, 48, 900-907.	3.6	470
10	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.	3.6	453
11	Semi-Global Leader-Following Consensus of Linear Multi-Agent Systems With Input Saturation via Low Gain Feedback. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 1881-1889.	3.5	450
12	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.	3.6	444
13	A survey of linear matrix inequality techniques in stability analysis of delay systems. International Journal of Systems Science, 2008, 39, 1095-1113.	3.7	366
14	Quasi-synchronization of heterogeneous dynamic networks via distributed impulsive control: Error estimation, optimization and design. Automatica, 2015, 62, 249-262.	3.0	350
15	Fixed-Time Synchronization of Complex Networks With Impulsive Effects via Nonchattering Control. IEEE Transactions on Automatic Control, 2017, 62, 5511-5521.	3.6	324
16	New criteria for synchronization stability of general complex dynamical networks with coupling delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 360, 263-273.	0.9	321
17	Stability analysis for continuous systems with two additive time-varying delay components. Systems and Control Letters, 2007, 56, 16-24.	1.3	306
18	Semi-active control of vehicle suspension with magneto-rheological dampers. Journal of Sound and Vibration, 2005, 283, 981-996.	2.1	290

#	ARTICLE	IF	CITATIONS
19	Stabilization of Networked Control Systems With a Logic ZOH. IEEE Transactions on Automatic Control, 2009, 54, 358-363.	3.6	281
20	Robust energy-to-peak filter design for stochastic time-delay systems. Systems and Control Letters, 2006, 55, 101-111.	1.3	278
21	Stability and Stabilization of Delayed T-S Fuzzy Systems: A Delay Partitioning Approach. IEEE Transactions on Fuzzy Systems, 2009, 17, 750-762.	6.5	273
22	\$H_{\infty}\$ Fuzzy Filtering of Nonlinear Systems With Intermittent Measurements. IEEE Transactions on Fuzzy Systems, 2009, 17, 291-300.	6.5	267
23	Semiglobal Observer-Based Leader-Following Consensus With Input Saturation. IEEE Transactions on Industrial Electronics, 2014, 61, 2842-2850.	5.2	265
24	On Equivalence and Efficiency of Certain Stability Criteria for Time-Delay Systems. IEEE Transactions on Automatic Control, 2007, 52, 95-101.	3.6	244
25	-induced norm and controller synthesis of positive systems. Automatica, 2013, 49, 1377-1385.	3.0	243
26	Fuzzy-Model-Based Robust Fault Detection With Stochastic Mixed Time Delays and Successive Packet Dropouts. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 365-376.	5.5	240
27	overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd" id="tbl_struct_1" data-bbox="12 461 983 518">	3.0	230
28	Stability and Dissipativity Analysis of Static Neural Networks With Time Delay. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 199-210.	7.2	227
29	Positive Observers and Dynamic Output-Feedback Controllers for Interval Positive Linear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 3209-3222.	3.5	222
30	Multi-objective control of vehicle active suspension systems via load-dependent controllers. Journal of Sound and Vibration, 2006, 290, 654-675.	2.1	216
31	Fault Detection for Fuzzy Systems With Intermittent Measurements. IEEE Transactions on Fuzzy Systems, 2009, 17, 398-410.	6.5	216
32	A delay-partitioning approach to the stability analysis of discrete-time systems. Automatica, 2010, 46, 610-614.	3.0	203
33	Exponential stability of high-order bidirectional associative memory neural networks with time delays. Physica D: Nonlinear Phenomena, 2004, 199, 425-436.	1.3	198
34	A New Criterion of Delay-Dependent Asymptotic Stability for Hopfield Neural Networks With Time Delay. IEEE Transactions on Neural Networks, 2008, 19, 532-535.	4.8	194
35	Stabilization of discrete-time Markovian jump linear systems via time-delayed controllers. Automatica, 2006, 42, 747-753.	3.0	193
36	Stability and Dissipativity Analysis of Distributed Delay Cellular Neural Networks. IEEE Transactions on Neural Networks, 2011, 22, 976-981.	4.8	192

#	ARTICLE	IF	CITATIONS
37	Stabilization of Systems With Probabilistic Interval Input Delays and Its Applications to Networked Control Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 939-945.	3.4	186
38	Stability and Synchronization of Discrete-Time Neural Networks With Switching Parameters and Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1957-1972.	7.2	185
39	Stability analysis and L_1 -gain characterization for switched positive systems under dwell-time constraint. Automatica, 2017, 85, 1-8.	3.0	185
40	Delay-dependent exponential stability for a class of neural networks with time delays. Journal of Computational and Applied Mathematics, 2005, 183, 16-28.	1.1	183
41	Stability Analysis and Stabilization for Discrete-Time Fuzzy Systems With Time-Varying Delay. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 306-317.	5.5	176
42	Computer-Aided Design and Optimization of High-Efficiency LLC Series Resonant Converter. IEEE Transactions on Power Electronics, 2012, 27, 3243-3256.	5.4	175
43	L_1 -Dissipativity analysis of singular time-delay systems. Automatica, 2011, 47, 2548-2552.	3.0	172
44	Finite-Time Consensus of Multiagent Systems With a Switching Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 853-862.	7.2	170
45	Non-existence of finite-time stable equilibria in fractional-order nonlinear systems. Automatica, 2014, 50, 547-551.	3.0	168
46	On H2 model reduction of bilinear systems. Automatica, 2002, 38, 205-216.	3.0	167
47	Robust H ∞ control for discrete-time fuzzy systems via basis-dependent Lyapunov functions. Information Sciences, 2005, 174, 197-217.	4.0	162
48	Robust control of descriptor discrete-time Markovian jump systems. International Journal of Control, 2007, 80, 374-385.	1.2	160
49	On reachable set estimation of singular systems. Automatica, 2015, 52, 146-153.	3.0	160
50	Quadratic stability and stabilization of uncertain linear discrete-time systems with state delay. Systems and Control Letters, 2001, 43, 77-84.	1.3	159
51	A new approach to exponential stability analysis of neural networks with time-varying delays. Neural Networks, 2006, 19, 76-83.	3.3	159
52	H ∞ model reduction of Markovian jump linear systems. Systems and Control Letters, 2003, 50, 103-118.	1.3	158
53	Robust stability and stabilisation of 2D discrete state-delayed systems. Systems and Control Letters, 2004, 51, 277-291.	1.3	156
54	L_1 -gain analysis for positive systems with distributed delays. Automatica, 2014, 50, 175-179.	3.0	156

#	ARTICLE	IF	CITATIONS
55	Stability Analysis of Distributed Delay Neural Networks Based on Relaxed Lyapunov–Krasovskii Functionals. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1480-1492.	7.2	152
56	Sliding mode control of switched hybrid systems with time-varying delay. International Journal of Adaptive Control and Signal Processing, 2008, 22, 909-931.	2.3	149
57	Finite-Horizon H_{∞} Control for Discrete Time-Varying Systems With Randomly Occurring Nonlinearities and Fading Measurements. IEEE Transactions on Automatic Control, 2015, 60, 2488-2493.	3.6	149
58	Robust H_2 control of Markovian jump systems with uncertain switching probabilities. International Journal of Systems Science, 2009, 40, 255-265.	3.7	145
59	Global exponential stability of impulsive high-order BAM neural networks with time-varying delays. Neural Networks, 2006, 19, 1581-1590.	3.3	144
60	New insight into delay-dependent stability of time-delay systems. International Journal of Robust and Nonlinear Control, 2015, 25, 961-970.	2.1	142
61	Reduced-order filtering for singular systems. Systems and Control Letters, 2007, 56, 48-57.	1.3	139
62	Further Results on Exponential Estimates of Markovian Jump Systems With Mode-Dependent Time-Varying Delays. IEEE Transactions on Automatic Control, 2011, 56, 223-229.	3.6	135
63	Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. IEEE Transactions on Automatic Control, 2008, 53, 2448-2457.	3.6	132
64	On impulsive autoassociative neural networks. Neural Networks, 2000, 13, 63-69.	3.3	131
65	Robust H^{∞} control for uncertain discrete stochastic time-delay systems. Systems and Control Letters, 2004, 51, 203-215.	1.3	129
66	Static output-feedback stabilization of discrete-time Markovian jump linear systems: A system augmentation approach. Automatica, 2010, 46, 687-694.	3.0	129
67	Stabilisation of hybrid stochastic differential equations by delay feedback control. Systems and Control Letters, 2008, 57, 927-935.	1.3	128
68	Stochastic stabilizability and H^{∞} control for discrete-time jump linear systems with time delay. Journal of the Franklin Institute, 1999, 336, 1263-1281.	1.9	126
69	filtering of discrete-time fuzzy systems via basis-dependent Lyapunov function approach. Fuzzy Sets and Systems, 2007, 158, 180-193.	1.6	123
70	An improved characterization of bounded realness for singular delay systems and its applications. International Journal of Robust and Nonlinear Control, 2008, 18, 263-277.	2.1	123
71	Global robust exponential stability analysis for interval recurrent neural networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 325, 124-133.	0.9	121
72	State estimation for Markov-type genetic regulatory networks with delays and uncertain mode transition rates. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4328-4337.	0.9	121

#	ARTICLE	IF	CITATIONS
73	Novel global robust stability criteria for interval neural networks with multiple time-varying delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 342, 322-330.	0.9	119
74	Reachable set estimation for discrete-time linear systems with time delays. International Journal of Robust and Nonlinear Control, 2015, 25, 269-281.	2.1	119
75	Stability and Performance Analysis for Positive Fractional-Order Systems With Time-Varying Delays. IEEE Transactions on Automatic Control, 2016, 61, 2676-2681.	3.6	119
76	Non-fragile output feedback H ∞ vehicle suspension control using genetic algorithm. Engineering Applications of Artificial Intelligence, 2003, 16, 667-680.	4.3	116
77	Model simplification for switched hybrid systems. Systems and Control Letters, 2006, 55, 1015-1021.	1.3	113
78	Control Design for Fuzzy Systems Based on Relaxed Nonquadratic Stability and H_{∞} Performance Conditions. IEEE Transactions on Fuzzy Systems, 2007, 15, 188-199.	6.5	112
79	Robust exponential stabilization for Markovian jump systems with mode-dependent input delay. Automatica, 2007, 43, 1799-1807.	3.0	112
80	H_{∞} Positive Filtering for Positive Linear Discrete-Time Systems: An Augmentation Approach. IEEE Transactions on Automatic Control, 2010, 55, 2337-2342.	3.6	106
81	Static output-feedback stabilization with optimal L_1 for positive linear systems. Automatica, 2016, 63, 248-253.	3.0	106
82	A Novel Observer Design for Simultaneous Estimation of Vehicle Steering Angle and Sideslip Angle. IEEE Transactions on Industrial Electronics, 2016, 63, 4357-4366.	5.2	105
83	Robust reliable dissipative filtering for discrete delay singular systems. Signal Processing, 2012, 92, 3010-3025.	2.1	103
84	Positive Edge-Consensus for Nodal Networks via Output Feedback. IEEE Transactions on Automatic Control, 2019, 64, 1244-1249.	3.6	102
85	Robust stabilization of Markovian delay systems with delay-dependent exponential estimates. Automatica, 2006, 42, 2001-2008.	3.0	101
86	Positive filtering for continuous-time positive systems under L_1 performance. International Journal of Control, 2014, 87, 1906-1913.	1.2	100
87	Distributed active anti-disturbance output consensus algorithms for higher-order multi-agent systems with mismatched disturbances. Automatica, 2016, 74, 30-37.	3.0	100
88	and H_2 filtering for linear systems with uncertain Markov transitions. Automatica, 2016, 67, 252-266.	3.0	99
89	Fault-Tolerant Control of Switched LPV Systems: A Bumpless Transfer Approach. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1436-1446.	3.7	99
90	Multi-objective control for active vehicle suspension with wheelbase preview. Journal of Sound and Vibration, 2014, 333, 5269-5282.	2.1	97

#	ARTICLE	IF	CITATIONS
91	H8model reduction for linear time-delay systems: Continuous-time case. <i>International Journal of Control</i> , 2001, 74, 1062-1074.	1.2	96
92	Constrained predictive control synthesis for quantized systems with Markovian data loss. <i>Automatica</i> , 2015, 55, 217-225.	3.0	96
93	Delay-dependent stochastic stability and H ∞ analysis for time-delay systems with Markovian jumping parameters. <i>Journal of the Franklin Institute</i> , 2003, 340, 423-434.	1.9	94
94	Further results on delay-dependent robust stability conditions of uncertain neutral systems. <i>International Journal of Robust and Nonlinear Control</i> , 2005, 15, 233-246.	2.1	92
95	New passivity criteria for neural networks with time-varying delay. <i>Neural Networks</i> , 2009, 22, 864-868.	3.3	92
96	Optimal partitioning method for stability analysis of continuous/discrete delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 559-574.	2.1	92
97	Exponential estimates and stabilization of uncertain singular systems with discrete and distributed delays. <i>International Journal of Control</i> , 2008, 81, 865-882.	1.2	91
98	Non-fragile guaranteed cost control for uncertain descriptor systems with time-varying state and input delays. <i>Optimal Control Applications and Methods</i> , 2005, 26, 85-105.	1.3	90
99	Dynamic output feedback H ∞ control of discrete-time fuzzy systems: a fuzzy-basis-dependent Lyapunov function approach. <i>International Journal of Systems Science</i> , 2007, 38, 25-37.	3.7	89
100	Computation of robust stability bounds for time-delay systems with nonlinear time-varying perturbations. <i>International Journal of Systems Science</i> , 2000, 31, 359-365.	3.7	88
101	Parameter-dependent input-delayed control of uncertain vehicle suspensions. <i>Journal of Sound and Vibration</i> , 2008, 317, 537-556.	2.1	87
102	Distributed filtering in sensor networks with randomly occurring saturations and successive packet dropouts. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 1743-1759.	2.1	87
103	Model reduction of delay systems using Pade approximants. <i>International Journal of Control</i> , 1993, 57, 377-391.	1.2	86
104	Robust stability of uncertain discrete-time singular fuzzy systems. <i>Fuzzy Sets and Systems</i> , 2007, 158, 2306-2316.	1.6	86
105	Exponential filter design for uncertain Takagi-Sugeno fuzzy systems with time delay. <i>Engineering Applications of Artificial Intelligence</i> , 2004, 17, 645-659.	4.3	84
106	Razumikhin method and exponential stability of hybrid stochastic delay interval systems. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 314, 45-66.	0.5	84
107	Estimation and synthesis of reachable set for switched linear systems. <i>Automatica</i> , 2016, 63, 122-132.	3.0	84
108	Robust Stabilization of Delayed Singular Systems with Linear Fractional Parametric Uncertainties. <i>Circuits, Systems, and Signal Processing</i> , 2003, 22, 579-588.	1.2	83

#	ARTICLE	IF	CITATIONS
109	An LMI approach to guaranteed cost control for uncertain linear neutral delay systems. International Journal of Robust and Nonlinear Control, 2003, 13, 35-53.	2.1	82
110	Robust state estimation for stochastic genetic regulatory networks. International Journal of Systems Science, 2010, 41, 47-63.	3.7	82
111	State feedback H^∞ control of commensurate fractional-order systems. International Journal of Systems Science, 2014, 45, 363-372.	3.7	82
112	Stability Analysis of Continuous-Time Switched Systems With a Random Switching Signal. IEEE Transactions on Automatic Control, 2014, 59, 180-186.	3.6	82
113	H^∞ model reduction for discrete time-delay systems: delay-independent and dependent approaches. International Journal of Control, 2004, 77, 321-335.	1.2	81
114	On the absolute stability approach to quantized feedback control. Automatica, 2010, 46, 337-346.	3.0	81
115	A new result on the delay-dependent stability of discrete systems with time-varying delays. International Journal of Robust and Nonlinear Control, 2014, 24, 2512-2521.	2.1	81
116	Output feedback delay compensation control for networked control systems with random delays. Information Sciences, 2014, 265, 154-166.	4.0	81
117	Guaranteed cost control of periodic piecewise linear time-delay systems. Automatica, 2018, 94, 274-282.	3.0	81
118	Non-fragile positive real control for uncertain linear neutral delay systems. Systems and Control Letters, 2004, 52, 59-74.	1.3	78
119	A NEW LMI CONDITION FOR DELAY-DEPENDENT ROBUST STABILITY OF STOCHASTIC TIME-DELAY SYSTEMS. Asian Journal of Control, 2005, 7, 419-423.	1.9	78
120	Non-Fragile Exponential Stability Assignment of Discrete-Time Linear Systems With Missing Data in Actuators. IEEE Transactions on Automatic Control, 2009, 54, 625-630.	3.6	78
121	Stability, stabilization and L_2 analysis of periodic piecewise linear systems. Automatica, 2015, 61, 218-226.	3.0	78
122	Positive filtering for positive Takagi-Sugeno fuzzy systems under H^∞ performance. Information Sciences, 2015, 299, 32-41.	4.0	77
123	Stability analysis of static recurrent neural networks using delay-partitioning and projection. Neural Networks, 2009, 22, 343-347.	3.3	76
124	Stabilization of Networked Control Systems via Dynamic Output-Feedback Controllers. SIAM Journal on Control and Optimization, 2010, 48, 3643-3658.	1.1	76
125	Integral partitioning approach to robust stabilization for uncertain distributed time-delay systems. International Journal of Robust and Nonlinear Control, 2012, 22, 676-689.	2.1	76
126	Stability and stabilization of periodic piecewise linear systems: A matrix polynomial approach. Automatica, 2018, 94, 1-8.	3.0	76

#	ARTICLE	IF	CITATIONS
127	On Smith-type iterative algorithms for the Stein matrix equation. Applied Mathematics Letters, 2009, 22, 1038-1044.	1.5	75
128	An Improved Incremental Learning Approach for KPI Prognosis of Dynamic Fuel Cell System. IEEE Transactions on Cybernetics, 2016, 46, 3135-3144.	6.2	75
129	Robust H^{∞} control for uncertain singular systems with state delay. International Journal of Robust and Nonlinear Control, 2003, 13, 1213-1223.	2.1	74
130	Reachable set estimation and controller design for distributed delay systems with bounded disturbances. Journal of the Franklin Institute, 2014, 351, 3068-3088.	1.9	74
131	ℓ_1 -Gain Analysis for Positive Linear Systems With Unbounded Time-Varying Delays. IEEE Transactions on Automatic Control, 2015, 60, 857-862.	3.6	74
132	Event-Triggered Output Feedback Synchronization of Master-Slave Neural Networks Under Deception Attacks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 952-961.	7.2	74
133	Robust stabilization via state feedback for descriptor systems with uncertainties in the derivative matrix. International Journal of Control, 2000, 73, 407-415.	1.2	73
134	Discrete bilinear stochastic systems with time-varying delay: Stability analysis and control synthesis. Chaos, Solitons and Fractals, 2007, 34, 394-404.	2.5	73
135	A Hybrid Design Approach for Output Feedback Exponential Stabilization of Markovian Jump Systems. IEEE Transactions on Automatic Control, 2018, 63, 1404-1417.	3.6	73
136	Toward solution of matrix equation $AX - XA + B = C$. Linear Algebra and Its Applications, 2011, 435, 1370-1398.	0.0	70
137	An Improved Criterion for Controllability of Boolean Control Networks. IEEE Transactions on Automatic Control, 2017, 62, 6012-6018.	3.6	71
138	A gradient flow approach to the robust pole-placement problem. International Journal of Robust and Nonlinear Control, 1995, 5, 175-185.	2.1	70
139	Improved Global Robust Asymptotic Stability Criteria for Delayed Cellular Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2005, 35, 1317-1321.	5.5	70
140	Filtering for a class of nonlinear discrete-time stochastic systems with state delays. Journal of Computational and Applied Mathematics, 2007, 201, 153-163.	1.1	70
141	Decay rate constrained stabilization of positive systems using static output feedback. International Journal of Robust and Nonlinear Control, 2011, 21, 44-54.	2.1	70
142	Positivity-preserving model reduction for positive systems. Automatica, 2011, 47, 1504-1511.	3.0	70
143	Stability and Stabilization for Markovian Jump Time-Delay Systems With Partially Unknown Transition Rates. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 341-351.	3.5	70
144	Fuzzy Remote Tracking Control for Randomly Varying Local Nonlinear Models Under Fading and Missing Measurements. IEEE Transactions on Fuzzy Systems, 2018, 26, 1125-1137.	6.5	69

#	ARTICLE	IF	CITATIONS
145	Modelling of a magneto-rheological damper by evolving radial basis function networks. Engineering Applications of Artificial Intelligence, 2006, 19, 869-881.	4.3	68
146	Robust stabilization for uncertain discrete singular systems. Automatica, 2001, 37, 769-774.	3.0	67
147	Positive state-bounding observer for positive interval continuous-time systems with time delay. International Journal of Robust and Nonlinear Control, 2012, 22, 1244-1257.	2.1	67
148	An augmented system approach to static output-feedback stabilization with H_{∞} performance for continuous-time plants. International Journal of Robust and Nonlinear Control, 2009, 19, 768-785.	2.1	66
149	Weighted H_{∞} Filtering of Switched Systems with Time-Varying Delay: Average Dwell Time Approach. Circuits, Systems, and Signal Processing, 2009, 28, 1017-1036.	1.2	65
150	Stabilization for state/input delay systems via static and integral output feedback. Automatica, 2010, 46, 2000-2007.	3.0	63
151	Relaxed results on reachable set estimation of time-delay systems with bounded peak inputs. International Journal of Robust and Nonlinear Control, 2016, 26, 1994-2007.	2.1	63
152	Stability and stabilization of a class of stochastic switching systems with lower bound of sojourn time. Automatica, 2018, 92, 18-28.	3.0	63
153	Two-Step Stability Analysis for General Polynomial-Fuzzy-Model-Based Control Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 511-524.	6.5	61
154	Finite-time H_{∞} control of periodic piecewise linear systems. International Journal of Systems Science, 2017, 48, 2333-2344.	3.7	61
155	Robust H_{∞} Filtering for 2D Stochastic Systems. Circuits, Systems, and Signal Processing, 2004, 23, 479-505.	1.2	60
156	CONVERGENCE OF DISCRETE-TIME RECURRENT NEURAL NETWORKS WITH VARIABLE DELAY. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2005, 15, 581-595.	0.7	60
157	Adaptive consensus with a virtual leader of multiple agents governed by locally Lipschitz nonlinearity. International Journal of Robust and Nonlinear Control, 2013, 23, 978-990.	2.1	60
158	Realization of a Special Class of Admittances with One Damper and One Inerter for Mechanical Control. IEEE Transactions on Automatic Control, 2013, 58, 1841-1846.	3.6	60
159	l_1 -gain analysis and model reduction problem for Boolean control networks. Information Sciences, 2016, 348, 68-83.	4.0	60
160	On gramians and balanced truncation of discrete-time bilinear systems. International Journal of Control, 2003, 76, 414-427.	1.2	59
161	Stability and Stabilization of Uncertain 2-D Discrete Systems with Stochastic Perturbation. Multidimensional Systems and Signal Processing, 2005, 16, 85-106.	1.7	58
162	Robust output feedback stabilization for two-dimensional continuous systems in roesser form. Applied Mathematics Letters, 2004, 17, 1331-1341.	1.5	57

#	ARTICLE	IF	CITATIONS
163	Direct voltage control of magnetorheological damper for vehicle suspensions. Smart Materials and Structures, 2013, 22, 105016.	1.8	57
164	Stability and Guaranteed Cost Analysis of Time-Triggered Boolean Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3893-3899.	7.2	57
165	Delay-dependent robust H_{∞} controller synthesis for discrete singular delay systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1880-1902.	2.1	56
166	New admissibility analysis for discrete singular systems with time-varying delay. Applied Mathematics and Computation, 2015, 265, 1058-1066.	1.4	56
167	Robust admissibility of time-varying singular systems with commensurate time delays. Automatica, 2009, 45, 2714-2717.	3.0	55
168	Robust filtering for stochastic genetic regulatory networks with time-varying delay. Mathematical Biosciences, 2009, 220, 73-80.	0.9	55
169	Robust guaranteed cost control of discrete-time networked control systems. Optimal Control Applications and Methods, 2011, 32, 95-112.	1.3	55
170	Relaxed passivity conditions for neural networks with time-varying delays. Neurocomputing, 2014, 142, 299-306.	3.5	55
171	On stability and H_{∞} control of switched systems with random switching signals. Automatica, 2018, 95, 419-425.	3.0	55
172	Global point dissipativity of neural networks with mixed time-varying delays. Chaos, 2006, 16, 013105.	1.0	54
173	Passivity criteria for continuous-time neural networks with mixed time-varying delays. Applied Mathematics and Computation, 2012, 218, 11062-11074.	1.4	54
174	STABILIZATION AND H_{∞} CONTROL FOR UNCERTAIN STOCHASTIC TIME-DELAY SYSTEMS VIA NON-FRAGILE CONTROLLERS. Asian Journal of Control, 2008, 8, 197-200.	1.9	53
175	Robust stabilization of uncertain T-S fuzzy time-delay systems with exponential estimates. Fuzzy Sets and Systems, 2009, 160, 1720-1737.	1.6	53
176	Stability analysis and control design for 2-D fuzzy systems via basis-dependent Lyapunov functions. Multidimensional Systems and Signal Processing, 2013, 24, 395-415.	1.7	53
177	Coordination Control for Uncertain Networked Systems Using Interval Observers. IEEE Transactions on Cybernetics, 2020, 50, 4008-4019.	6.2	53
178	Eye-in-Hand Visual Servoing Enhanced With Sparse Strain Measurement for Soft Continuum Robots. IEEE Robotics and Automation Letters, 2020, 5, 2161-2168.	3.3	53
179	Robust Stability For Uncertain Discrete Singular Systems With State Delay. Asian Journal of Control, 2003, 5, 399-405.	1.9	52
180	IMPROVED CONDITIONS FOR DELAY-DEPENDENT ROBUST STABILITY AND STABILIZATION OF UNCERTAIN DISCRETE TIME-DELAY SYSTEMS. Asian Journal of Control, 2008, 7, 344-348.	1.9	52

#	ARTICLE	IF	CITATIONS
181	<i>H_∞</i> Model Reduction for Positive Fractional Order Systems. <i>Asian Journal of Control</i> , 2014, 16, 441-450.	1.9	51
182	Robust H_2 control for uncertain linear neutral delay systems. <i>Optimal Control Applications and Methods</i> , 2002, 23, 113-123.	1.3	50
183	On stability and stabilizability of positive delay systems. <i>Asian Journal of Control</i> , 2009, 11, 226-234.	1.9	50
184	Design of structured dynamic output-feedback controllers for interconnected systems. <i>International Journal of Control</i> , 2011, 84, 2081-2091.	1.2	50
185	On static output-feedback stabilization for multi-input multi-output positive systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 3154-3162.	2.1	50
186	Stability and L_2 Synthesis of a Class of Periodic Piecewise Time-Varying Systems. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 3378-3384.	3.6	50
187	\hat{a}, \hat{z} model reduction for uncertain two-dimensional discrete systems. <i>Optimal Control Applications and Methods</i> , 2005, 26, 199-227.	1.3	49
188	H_{∞} model reduction for discrete-time singular systems. <i>Systems and Control Letters</i> , 2003, 48, 121-133.	1.3	48
189	Robust distributed state estimation for sensor networks with multiple stochastic communication delays. <i>International Journal of Systems Science</i> , 2011, 42, 1459-1471.	3.7	48
190	On Exponential Almost Sure Stability of Random Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2012, 57, 3064-3077.	3.6	48
191	Consensus control of multi-agent systems with missing data in actuators and Markovian communication failure. <i>International Journal of Systems Science</i> , 2013, 44, 1867-1878.	3.7	48
192	Non-fragile H_{∞} vibration control for uncertain structural systems. <i>Journal of Sound and Vibration</i> , 2004, 273, 1031-1045.	2.1	47
193	Design of Non-Fragile H_{∞} Controller for Active Vehicle Suspensions. <i>JVC/Journal of Vibration and Control</i> , 2005, 11, 225-243.	1.5	47
194	Stabilization of Markovian Systems via Probability Rate Synthesis and Output Feedback. <i>IEEE Transactions on Automatic Control</i> , 2010, 55, 773-777.	3.6	47
195	On \hat{a}, \hat{z} and L_1 gains for positive systems with bounded time-varying delays. <i>International Journal of Systems Science</i> , 2015, 46, 1953-1960.	3.7	47
196	On simultaneous H_{∞} control and strong H_{∞} stabilization. <i>Automatica</i> , 2000, 36, 859-865.	3.0	46
197	Analysis on robust stability for interval descriptor systems. <i>Systems and Control Letters</i> , 2001, 42, 267-278.	1.3	46
198	On reachable sets for positive linear systems under constrained exogenous inputs. <i>Automatica</i> , 2016, 74, 230-237.	3.0	46

#	ARTICLE	IF	CITATIONS
199	Positivity-Preserving Consensus of Homogeneous Multiagent Systems. IEEE Transactions on Automatic Control, 2020, 65, 2724-2729.	3.6	46
200	New results on H _∞ filtering for fuzzy systems with interval time-varying delays. Information Sciences, 2011, 181, 2356-2369.	4.0	45
201	Relationships between asymptotic stability and exponential stability of positive delay systems. International Journal of General Systems, 2013, 42, 224-238.	1.2	45
202	An improved result on reachable set estimation and synthesis of time-delay systems. Applied Mathematics and Computation, 2014, 249, 89-97.	1.4	45
203	Gradient-based maximal convergence rate iterative method for solving linear matrix equations. International Journal of Computer Mathematics, 2010, 87, 515-527.	1.0	44
204	Consensus of multi-agent systems with Luenberger observers. Journal of the Franklin Institute, 2013, 350, 2769-2790.	1.9	44
205	An Energy-Efficient Adaptive Overlapping Clustering Method for Dynamic Continuous Monitoring in WSNs. IEEE Sensors Journal, 2017, 17, 834-847.	2.4	44
206	Simultaneous linear-quadratic optimal control design via static output feedback. International Journal of Robust and Nonlinear Control, 1999, 9, 551-558.	2.1	43
207	Convergence of gradient-based iterative solution of coupled Markovian jump Lyapunov equations. Computers and Mathematics With Applications, 2008, 56, 3070-3078.	1.4	43
208	Network-based H _∞ control for stochastic systems. International Journal of Robust and Nonlinear Control, 2009, 19, 295-312.	2.1	43
209	Stabilization for T-S model based uncertain stochastic systems. Information Sciences, 2011, 181, 779-791.	4.0	43
210	Positive real control of two-dimensional systems: Roesser models and linear repetitive processes. International Journal of Control, 2003, 76, 1047-1058.	1.2	42
211	H _∞ disturbance attenuation for uncertain mechanical systems with input delay. Transactions of the Institute of Measurement and Control, 2005, 27, 37-52.	1.1	42
212	On the Transient and Steady-State Estimates of Interval Genetic Regulatory Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 336-349.	5.5	42
213	Reliable Dissipative Control for Singular Markovian Systems. Asian Journal of Control, 2013, 15, 901-910.	1.9	42
214	LMI approach to state-feedback stabilization of multidimensional systems. International Journal of Control, 2003, 76, 1428-1436.	1.2	41
215	Robust H _∞ Filtering for Uncertain Discrete Stochastic Systems with Time Delays. Circuits, Systems, and Signal Processing, 2005, 24, 753-770.	1.2	41
216	Output feedback negative imaginary synthesis under structural constraints. Automatica, 2016, 71, 222-228.	3.0	41

#	ARTICLE	IF	CITATIONS
217	Improved results on H_{∞} model reduction for Markovian jump systems with partly known transition probabilities. <i>Systems and Control Letters</i> , 2014, 70, 109-117.	4.0	40
218	A Hybrid Sliding Mode Control Scheme of Markovian Jump Systems via Transition Rates Optimal Design. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7752-7763.	5.9	40
219	Dissipative control and filtering of discrete-time singular systems. <i>International Journal of Systems Science</i> , 2016, 47, 2532-2542.	3.7	39
220	Interacting Multiple Model Estimator for Networked Control Systems: Stability, Convergence, and Performance. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 928-943.	3.6	39
221	Stability and L_1 analysis of linear periodic piecewise positive systems. <i>Automatica</i> , 2019, 101, 232-240.	3.0	39
222	Robust incoherent control of qubit systems via switching and optimisation. <i>International Journal of Control</i> , 2010, 83, 206-217.	1.2	38
223	Exponential stability analysis and H_{∞} of positive T-S fuzzy systems with time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017, 24, 186-197.	1.2	38
224	Stability analysis of linear stochastic neutral-type time-delay systems with two delays. <i>Automatica</i> , 2018, 91, 179-189.	3.0	38
225	Reduced-order interval observer based consensus for MASs with time-varying interval uncertainties. <i>Automatica</i> , 2022, 135, 109989.	3.0	38
226	Hankel norm approximation of linear systems with time-varying delay: continuous and discrete cases. <i>International Journal of Control</i> , 2004, 77, 1503-1520.	1.2	37
227	Velocity-dependent multi-objective control of vehicle suspension with preview measurements. <i>Mechatronics</i> , 2014, 24, 464-475.	2.0	37
228	Controller synthesis for positive Takagi-Sugeno fuzzy systems under H_{∞} performance. <i>International Journal of Systems Science</i> , 2017, 48, 515-524.	3.7	37
229	A Novel Scheme of Nonfragile Controller Design for Periodic Piecewise LTV Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 10766-10775.	5.2	37
230	Convergence of a class of Padé approximations for delay systems. <i>International Journal of Control</i> , 1990, 52, 989-1008.	1.2	36
231	Robust H_{∞} Control for Uncertain Fuzzy Neutral Delay Systems. <i>European Journal of Control</i> , 2004, 10, 365-380.	1.6	36
232	Internal positivity preserved model reduction. <i>International Journal of Control</i> , 2010, 83, 575-584.	1.2	36
233	Pole assignment with optimal spectral conditioning. <i>Systems and Control Letters</i> , 1997, 29, 241-253.	1.3	35
234	Distributed H_{∞} filtering for repeated scalar nonlinear systems with random packet losses in sensor networks. <i>International Journal of Systems Science</i> , 2011, 42, 1507-1519.	3.7	35

#	ARTICLE	IF	CITATIONS
235	Control of vehicle suspension using an adaptive inerter. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2015, 229, 1934-1943.	1.1	35
236	Containment control of multi-agent systems with unbounded communication delays. International Journal of Systems Science, 2016, 47, 2048-2057.	3.7	35
237	Delay-dependent and delay-independent energy-to-peak model approximation for systems with time-varying delay. International Journal of Systems Science, 2005, 36, 445-460.	3.7	34
238	New Stability Criteria for Neural Networks with Distributed and Probabilistic Delays. Circuits, Systems, and Signal Processing, 2009, 28, 505-522.	1.2	34
239	A frequency-partitioning approach to stability analysis of two-dimensional discrete systems. Multidimensional Systems and Signal Processing, 2015, 26, 67-93.	1.7	34
240	Estimation and synthesis of reachable set for discrete-time periodic systems. Optimal Control Applications and Methods, 2016, 37, 885-901.	1.3	34
241	H^∞ control of periodic piecewise vibration systems with actuator saturation. JVC/Journal of Vibration and Control, 2017, 23, 3377-3391.	1.5	34
242	On global asymptotic stability for a class of delayed neural networks. International Journal of Circuit Theory and Applications, 2012, 40, 1165-1174.	1.3	33
243	Positive definite solutions of the nonlinear matrix equation $A^T X A + C^T C - X = B^T B$. Applied Mathematics and Computation, 2013, 219, 7377-7391.	1.4	33
244	Robust time-weighted guaranteed cost control of uncertain periodic piecewise linear systems. Information Sciences, 2018, 460-461, 238-253.	4.0	33
245	Robust H^∞ reliable control for a class of uncertain neutral delay systems. International Journal of Systems Science, 2002, 33, 611-622.	3.7	32
246	Robust Fault Detection of Markovian Jump Systems. Circuits, Systems, and Signal Processing, 2004, 23, 387-407.	1.2	32
247	Two-Stage Optimization Method for Efficient Power Converter Design Including Light Load Operation. IEEE Transactions on Power Electronics, 2012, 27, 1327-1337.	5.4	32
248	Dissipativity analysis for discrete singular systems with time-varying delay. ISA Transactions, 2016, 64, 86-91.	3.1	32
249	Reliable memory feedback design for a class of non-linear time-delay systems. International Journal of Robust and Nonlinear Control, 2004, 14, 39-60.	2.1	31
250	Side-slip angle estimation and stability control for a vehicle with a non-linear tyre model and a varying speed. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2015, 229, 486-505.	1.1	31
251	Reachable Set Estimation and Synthesis for Periodic Positive Systems. IEEE Transactions on Cybernetics, 2021, 51, 501-511.	6.2	31
252	Neural computation for robust approximate pole assignment. Neurocomputing, 1999, 25, 191-211.	3.5	30

#	ARTICLE	IF	CITATIONS
253	Energy-to-peak performance controller design for building via static output feedback under consideration of actuator saturation. <i>Computers and Structures</i> , 2006, 84, 2277-2290.	2.4	30
254	Iterative solutions of coupled discrete Markovian jump Lyapunov equations. <i>Computers and Mathematics With Applications</i> , 2008, 55, 843-850.	1.4	30
255	Deconvolution filtering for stochastic systems via homogeneous polynomial Lyapunov functions. <i>Signal Processing</i> , 2009, 89, 605-614.	2.1	30
256	Stability Analysis of Discrete-Time Recurrent Neural Networks With Stochastic Delay. <i>IEEE Transactions on Neural Networks</i> , 2009, 20, 1330-1339.	4.8	30
257	Sliding Mode Control for Uncertain Switched Systems with Partial Actuator Faults. <i>Asian Journal of Control</i> , 2014, 16, 1779-1788.	1.9	30
258	Multi-Bound-Dependent Stability Criterion for Digital Filters With Overflow Arithmetics and Time Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2014, 61, 31-35.	2.2	30
259	Global exponential estimates of stochastic interval neural networks with discrete and distributed delays. <i>Neurocomputing</i> , 2008, 71, 2950-2963.	3.5	29
260	Control Design of Uncertain Quantum Systems With Fuzzy Estimators. <i>IEEE Transactions on Fuzzy Systems</i> , 2012, 20, 820-831.	6.5	29
261	Dissipative control for linear systems by static output feedback. <i>International Journal of Systems Science</i> , 2013, 44, 1566-1576.	3.7	29
262	Global Stabilization of Linearized Spacecraft Rendezvous System by Saturated Linear Feedback. <i>IEEE Transactions on Control Systems Technology</i> , 2017, 25, 2185-2193.	3.2	29
263	A Constructive Approach to Stabilizability and Stabilization of a Class of nD Systems. <i>Multidimensional Systems and Signal Processing</i> , 2001, 12, 329-343.	1.7	28
264	Robust Fault Detection for Uncertain Discrete-Time Systems. <i>Journal of Guidance, Control, and Dynamics</i> , 2002, 25, 291-301.	1.6	28
265	New characterization of positive realness and control of a class of uncertain polytopic discrete-time systems. <i>Systems and Control Letters</i> , 2005, 54, 417-427.	1.3	28
266	Robust $\hat{\alpha}$ - $\hat{\beta}$ filtering for uncertain differential linear repetitive processes. <i>International Journal of Adaptive Control and Signal Processing</i> , 2008, 22, 243-265.	2.3	28
267	Decay rate constrained stability analysis for positive systems with discrete and distributed delays. <i>Systems Science and Control Engineering</i> , 2014, 2, 7-12.	1.8	28
268	H_{∞} Control with Transients for Singular Systems. <i>Asian Journal of Control</i> , 2016, 18, 817-827.	1.9	28
269	H_{∞} control problem of linear periodic piecewise time-delay systems. <i>International Journal of Systems Science</i> , 2018, 49, 997-1011.	3.7	28
270	Bounded real lemma and robust control of 2-D singular Roesser models. <i>Systems and Control Letters</i> , 2005, 54, 339-346.	1.3	27

#	ARTICLE	IF	CITATIONS
271	Absolute exponential stability criteria for a class of nonlinear time-delay systems. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 1963-1976.	0.9	27
272	Positive operator based iterative algorithms for solving Lyapunov equations for Itô stochastic systems with Markovian jumps. <i>Applied Mathematics and Computation</i> , 2011, 217, 8179-8195.	1.4	27
273	Output Feedback Control for Continuous-time Interval Positive Systems under L_1 Performance. <i>Asian Journal of Control</i> , 2014, 16, 1592-1601.	1.9	27
274	Pole assignment with eigenvalue and stability robustness. <i>International Journal of Control</i> , 1999, 72, 1165-1174.	1.2	26
275	Mixed H_2/H_∞ Filtering for Continuous-Time Polytopic Systems: A Parameter-Dependent Approach. <i>Circuits, Systems, and Signal Processing</i> , 2005, 24, 689-702.	1.2	26
276	H_∞ Model Reduction of 2-D Singular Roesser Models. <i>Multidimensional Systems and Signal Processing</i> , 2005, 16, 285-304.	1.7	26
277	Synchronization in networks of genetic oscillators with delayed coupling. <i>Asian Journal of Control</i> , 2011, 13, 713-725.	1.9	26
278	Quantized feedback stabilization of continuous time-delay systems subject to actuator saturation. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018, 30, 1-13.	2.1	26
279	Geometric Programming for Optimal Positive Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 4648-4663.	3.6	26
280	Secure state estimation for systems under mixed cyber-attacks: Security and performance analysis. <i>Information Sciences</i> , 2021, 546, 943-960.	4.0	26
281	Adaptive H_∞ Control Using Backstepping Design and Neural Networks. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2005, 127, 478-485.	0.9	25
282	An ARE approach to semi-global stabilization of discrete-time descriptor linear systems with input saturation. <i>Systems and Control Letters</i> , 2009, 58, 609-616.	1.3	25
283	DELAY-DEPENDENT ASYMPTOTIC STABILITY OF NEURAL NETWORKS WITH TIME-VARYING DELAYS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2008, 18, 245-250.	0.7	24
284	Full delayed state feedback pole assignment of discrete-time delay systems. <i>Optimal Control Applications and Methods</i> , 2010, 31, 155-169.	1.3	24
285	Non-fragile multivariable PID controller design via system augmentation. <i>International Journal of Systems Science</i> , 2017, 48, 2168-2181.	3.7	24
286	A novel H_∞ tracking control scheme for periodic piecewise time-varying systems. <i>Information Sciences</i> , 2019, 484, 71-83.	4.0	24
287	Global stabilization and restricted tracking with bounded feedback for multiple oscillator systems. <i>Systems and Control Letters</i> , 2010, 59, 414-422.	1.3	23
288	Semi-global stabilization of linear time-delay systems with control energy constraint. <i>Automatica</i> , 2012, 48, 694-698.	3.0	23

#	ARTICLE	IF	CITATIONS
289	Output feedback sliding mode control under networked environment. International Journal of Systems Science, 2013, 44, 750-759.	3.7	23
290	Stability and Stabilization of Boolean Networks with Stochastic Delays. IEEE Transactions on Automatic Control, 2018, , 1-1.	3.6	23
291	State estimation of CPSs with deception attacks: Stability analysis and approximate computation. Neurocomputing, 2021, 423, 318-326.	3.5	23
292	Robust observer design for non-linear interconnected systems using structural characteristics. International Journal of Control, 2003, 76, 741-746.	1.2	22
293	Robust quantized output feedback control for uncertain discrete time delay systems with saturation nonlinearity. International Journal of Robust and Nonlinear Control, 2015, 25, 3515-3527.	2.1	22
294	Sampling-interval-dependent stability for linear sampled-data systems with non-uniform sampling. International Journal of Systems Science, 2016, 47, 2893-2900.	3.7	22
295	Peak-to-peak filtering for periodic piecewise linear polytopic systems. International Journal of Systems Science, 2018, 49, 1997-2011.	3.7	22
296	On positive realness, negative imaginarity, and H_∞ control of state-space symmetric systems. Automatica, 2019, 101, 190-196.	3.0	22
297	Convergent algorithms for frequency weighted L2 model reduction. Systems and Control Letters, 1997, 31, 11-20.	1.3	21
298	Neural Adaptive Sliding Mode Control for a Class of Nonlinear Neutral Delay Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2008, 130, .	0.9	21
299	Control and filtering for discrete linear repetitive processes with H_∞ and H_2 performance. Multidimensional Systems and Signal Processing, 2009, 20, 235-264.	1.7	21
300	Some Extensions on the Bounded Real Lemma for Positive Systems. IEEE Transactions on Automatic Control, 2017, 62, 3034-3038.	3.6	21
301	Motion-based active disturbance rejection control for a non-linear full-car suspension system. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2018, 232, 616-631.	1.1	21
302	Finite-frequency H_∞ control for offshore platforms subject to parametric model uncertainty and practical hard constraints. ISA Transactions, 2018, 83, 53-65.	1.1	21
303	Energy-to-Peak Output Tracking Control of Actuator Saturated Periodic Piecewise Time-Varying Systems With Nonlinear Perturbations. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2578-2590.	5.9	21
304	Master-slave synchronization of neural networks subject to mixed-type communication attacks. Information Sciences, 2021, 560, 20-34.	4.0	21
305	H_∞ model reduction for continuous-time switched stochastic hybrid systems. International Journal of Systems Science, 2009, 40, 1241-1251.	3.7	20
306	Variance-constrained dissipative observer-based control for a class of nonlinear stochastic systems with degraded measurements. Journal of Mathematical Analysis and Applications, 2011, 377, 645-658.	0.5	20

#	ARTICLE	IF	CITATIONS
307	Stabilization of Discrete-Time Nonlinear Uncertain Systems by Feedback Based on LS Algorithm. SIAM Journal on Control and Optimization, 2013, 51, 1128-1151.	1.1	20
308	Generalized \mathbb{H}_∞ model reduction for stable two-dimensional discrete systems. Multidimensional Systems and Signal Processing, 2016, 27, 359-382.	1.7	20
309	Localized online learning-based control of a soft redundant manipulator under variable loading. Advanced Robotics, 2018, 32, 1168-1183.	1.1	20
310	Descriptor state-bounding observer design for positive Markov jump linear systems with sensor faults: Simultaneous state and faults estimation. International Journal of Robust and Nonlinear Control, 2020, 30, 2113-2129.	2.1	20
311	Improved reachable set estimation for positive systems: A polyhedral approach. Automatica, 2021, 124, 109167.	3.0	20
312	Decentralized robust control for nonlinear large-scale systems with similarity. Computers and Electrical Engineering, 1999, 25, 169-179.	3.0	19
313	New Bounded Real Lemma Formulation and Control for Continuous-Time Descriptor Systems. Asian Journal of Control, 2017, 19, 2192-2198.	1.9	19
314	State estimation over non-acknowledgment networks with Markovian packet dropouts. Automatica, 2019, 109, 108484.	3.0	19
315	Global Consensus of Positive Edge System With Sector Input Nonlinearities. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4057-4066.	5.9	19
316	Aperiodic sampled-data controller design for switched Itô stochastic Markovian jump systems. Systems and Control Letters, 2021, 157, 105031.	1.3	19
317	Grid connected photovoltaic system impression on power quality of low voltage distribution system. Cogent Engineering, 2022, 9, .	1.1	19
318	Robust H_∞ control for uncertain discrete singular systems with pole placement in a disk. Systems and Control Letters, 2001, 43, 85-93.	1.3	18
319	Robust Stability for Interval Stochastic Neural Networks with Time-Varying Discrete and Distributed Delays. Differential Equations and Dynamical Systems, 2011, 19, 97-118.	0.5	18
320	Decentralized Control of Compartmental Networks With H_∞ Tracking Performance. IEEE Transactions on Industrial Electronics, 2013, 60, 546-553.	5.2	18
321	Trajectory Regulating Model Reference Adaptive Controller for Robotic Systems. IEEE Transactions on Control Systems Technology, 2019, 27, 2749-2756.	3.2	18
322	A Bernstein Polynomial Approach to Estimating Reachable Set of Periodic Piecewise Polynomial Systems. IEEE Transactions on Automatic Control, 2021, 66, 4812-4819.	3.6	18
323	Adaptive event-triggered mechanism for networked control systems under deception attacks with uncertain occurring probability. International Journal of Systems Science, 2021, 52, 1426-1439.	3.7	18
324	Bumpless H_∞ control for periodic piecewise linear systems. Automatica, 2022, 135, 109941.	3.0	18

#	ARTICLE	IF	CITATIONS
325	Robust Approximate Pole Assignment for Second-Order Systems: Neural Network Computation. Journal of Guidance, Control, and Dynamics, 1998, 21, 923-929.	1.6	17
326	A New Model for Time-delay Systems with Application to Network Based Control. , 2006, , .		17
327	Positive real control for 2-D discrete delayed systems via output feedback controllers. Journal of Computational and Applied Mathematics, 2008, 216, 87-97.	1.1	17
328	On the synthesis of linear filters for polynomial systems. Systems and Control Letters, 2012, 61, 31-36.	1.3	17
329	H_∞ model reduction for discrete-time positive systems with inhomogeneous initial conditions. International Journal of Robust and Nonlinear Control, 2015, 25, 88-102.	2.1	17
330	Global Stabilization of Discrete-Time Linear Systems Subject to Input Saturation and Time Delay. IEEE Transactions on Automatic Control, 2021, 66, 1345-1352.	3.6	17
331	H_2 and Mixed H_2/H_∞ Stabilization and Disturbance Attenuation for Differential Linear Repetitive Processes. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 2813-2826.	3.5	16
332	Improved results on H_∞ model reduction for continuous-time linear systems over finite frequency ranges. Automatica, 2015, 53, 79-84.	1.6	16
333	Pseudo-predictor feedback control of discrete-time linear systems with a single input delay. International Journal of Robust and Nonlinear Control, 2016, 26, 2845-2863.	2.1	16
334	Robust partial pole-placement via gradient flow. Optimal Control Applications and Methods, 1997, 18, 371-379.	1.3	15
335	Stable controller synthesis for linear time-invariant systems. International Journal of Control, 2002, 75, 154-162.	1.2	15
336	Reliable observer-based H_∞ control of uncertain state-delayed systems. International Journal of Systems Science, 2004, 35, 707-718.	3.7	15
337	Persistent disturbance rejection via state feedback for networked control systems. Chaos, Solitons and Fractals, 2009, 40, 382-391.	2.5	15
338	Optimal time-weighted H_2 model reduction for Markovian jump systems. International Journal of Control, 2012, 85, 613-628.	1.2	15
339	Real-time Kalman filtering based on distributed measurements. International Journal of Robust and Nonlinear Control, 2013, 23, 1597-1608.	2.1	15
340	Positive Consensus of Fractional-Order Multiagent Systems Over Directed Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9542-9548.	7.2	15
341	Robust deadbeat regulation. International Journal of Control, 1997, 67, 587-602.	1.2	14
342	Finite-time functional observers for descriptor systems. International Journal of Control, Automation and Systems, 2009, 7, 341-347.	1.6	14

#	ARTICLE	IF	CITATIONS
343	Disturbance Analysis of Nonlinear Differential Equation Models of Genetic SUM Regulatory Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 253-259.	1.9	14
344	Robust and nonfragile consensus of positive multiagent systems via observer-based output-feedback protocols. International Journal of Robust and Nonlinear Control, 2020, 30, 5386-5403.	2.1	14
345	Further Results for Pinning Stabilization of Boolean Networks. IEEE Transactions on Control of Network Systems, 2021, 8, 897-905.	2.4	14
346	Delay-dependent stability condition for uncertain linear 2-D state-delayed systems. , 2006, , .		13
347	ROBUST SYNCHRONIZATION CRITERIA FOR RECURRENT NEURAL NETWORKS VIA LINEAR FEEDBACK. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2723-2738.	0.7	13
348	Hankel-type model reduction for linear repetitive processes: differential and discrete cases. Multidimensional Systems and Signal Processing, 2008, 19, 41-78.	1.7	13
349	Optimal stabilizing controllers for linear discrete-time stochastic systems. Optimal Control Applications and Methods, 2008, 29, 243-253.	1.3	13
350	Spectral properties of sums of certain Kronecker products. Linear Algebra and Its Applications, 2009, 431, 1691-1701.	0.4	13
351	Input-output gain analysis for linear systems on cones. Automatica, 2017, 77, 44-50.	3.0	13
352	Stability and H_1 -gain analysis for positive 2-D Markov jump systems. International Journal of Systems Science, 2019, 50, 2077-2087.	3.7	13
353	Compliant Control and Compensation for A Compact Cable-Driven Robotic Manipulator. IEEE Robotics and Automation Letters, 2020, 5, 5417-5424.	3.3	13
354	Fault detection observer design for periodic piecewise linear systems. International Journal of Systems Science, 2020, 51, 1622-1636.	3.7	13
355	Positivity and stability of mixed fractional-order systems with unbounded delays: Necessary and sufficient conditions. International Journal of Robust and Nonlinear Control, 2021, 31, 37-50.	2.1	13
356	Observer-based output reachable set synthesis for periodic piecewise time-varying systems. Information Sciences, 2021, 571, 246-261.	4.0	13
357	Consensus of Linear Multivariable Discrete-Time Multiagent Systems: Differential Privacy Perspective. IEEE Transactions on Cybernetics, 2022, 52, 13915-13926.	6.2	13
358	Optimal model reduction of discrete-time descriptor systems. International Journal of Systems Science, 2001, 32, 575-583.	3.7	12
359	Controller reduction with error performance: continuous- and discrete-time cases. International Journal of Control, 2006, 79, 604-616.	1.2	12
360	New Versions of Bounded Real Lemmas for Continuous and Discrete Uncertain Systems. Circuits, Systems, and Signal Processing, 2007, 26, 829-838.	1.2	12

#	ARTICLE	IF	CITATIONS
361	Joint optimization approach to building vibration control via multiple active tuned mass dampers. <i>Mechatronics</i> , 2013, 23, 355-368.	2.0	12
362	Towards positive definite solutions of a class of nonlinear matrix equations. <i>Applied Mathematics and Computation</i> , 2014, 237, 546-559.	1.4	12
363	Reachable set estimation for switched positive systems. <i>International Journal of Systems Science</i> , 2018, 49, 2341-2352.	3.7	12
364	Robust deadbeat pole assignment with gain constraints: an LMI optimization approach. <i>Optimal Control Applications and Methods</i> , 2000, 21, 243-256.	1.3	11
365	Robust stability analysis and stabilization for uncertain linear neutral delay systems. <i>International Journal of Systems Science</i> , 2002, 33, 1195-1206.	3.7	11
366	Positive observers for positive interval linear discrete-time delay systems. , 2009, , .		11
367	A probabilistic approach to stability and stabilization of networked control systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015, 29, 925-938.	2.3	11
368	On the Decay Rate of Discrete-Time Linear Delay Systems With Cone Invariance. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 3442-3447.	3.6	11
369	Stability and L_{∞} -Gain Analysis of Periodic Piecewise Positive Systems With Constant Time Delay. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 2655-2662.	3.6	11
370	Interval observer-based fault-tolerant control for a class of positive Markov jump systems. <i>Information Sciences</i> , 2022, 590, 142-157.	4.0	11
371	An application of H^{∞} design to model-following. <i>International Journal of Control</i> , 1992, 55, 483-509.	1.2	10
372	Regional pole assignment with eigenstructure robustness. <i>International Journal of Systems Science</i> , 1997, 28, 507-515.	3.7	10
373	On H^{∞} Filtering for a Class of Uncertain Nonlinear Neutral Systems. <i>Circuits, Systems, and Signal Processing</i> , 2004, 23, 215-230.	1.2	10
374	Robust H^{∞} control for discrete-time polytopic uncertain systems with linear fractional vertices. <i>Journal of Control Theory and Applications</i> , 2004, 2, 75-81.	0.8	10
375	Observer design and stabilization for linear neutral delay systems. <i>ISA Transactions</i> , 2005, 44, 35-42.	3.1	10
376	DELAY-DEPENDENT APPROACH TO STABILIZATION OF TIME-DELAY CHAOTIC SYSTEMS VIA STANDARD AND DELAYED FEEDBACK CONTROLLERS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005, 15, 1455-1465.	0.7	10
377	Stabilization of generalized Hamiltonian systems with internally generated energy and applications to power systems. <i>Nonlinear Analysis: Real World Applications</i> , 2008, 9, 1202-1223.	0.9	10
378	Equivalence of several characteristics of dual switched linear systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2014, 13, 74-83.	2.1	10

#	ARTICLE	IF	CITATIONS
379	Robust admissibility and admissibilisation of uncertain discrete singular time-delay systems. International Journal of Systems Science, 2016, 47, 3720-3729.	3.7	10
380	Switched systems approach to state bounding for time delay systems. Information Sciences, 2018, 465, 191-201.	4.0	10
381	Mean square stability of linear stochastic neutral-type time-delay systems with multiple delays. International Journal of Robust and Nonlinear Control, 2019, 29, 451-472.	2.1	10
382	The $\{L_{\{q\}}\}_{L_{\{p\}}}$ Hankel Norms of Positive Systems. , 2020, 4, 462-467.		10
383	Multi-sensor Optimal Linear Estimation With Unobservable Measurement Losses. IEEE Transactions on Automatic Control, 2022, 67, 481-488.	3.6	10
384	Fault estimation for periodic piecewise Tâ€š fuzzy systems. International Journal of Robust and Nonlinear Control, 2021, 31, 8055-8074.	2.1	10
385	PD control of positive interval continuous-time systems with time-varying delay. Information Sciences, 2021, 580, 371-384.	4.0	10
386	Optimal filter design for cyber-physical systems under stealthy hybrid attacks. International Journal of Robust and Nonlinear Control, 2021, 31, 1340-1357.	2.1	10
387	Balanced model reduction of symmetric composite systems. International Journal of Control, 1996, 65, 1031-1043.	1.2	9
388	Exponential ϵ -Regulation for Multi-Input Nonlinear Systems Using Neural Networks. IEEE Transactions on Neural Networks, 2005, 16, 1710-1714.	4.8	9
389	Convex Optimization Approaches to Robust \hat{A} Fixed-Order Filtering for Polytopic Systems with \hat{A} Multiple Delays. Circuits, Systems, and Signal Processing, 2008, 27, 1-22.	1.2	9
390	Feedback control with signal transmission after-effects. International Journal of Robust and Nonlinear Control, 2008, 18, 351-363.	2.1	9
391	STABILITY ANALYSIS OF UNCERTAIN DISCRETE-TIME SYSTEMS WITH TIME-VARYING STATE DELAY: A PARAMETER-DEPENDENT LYAPUNOV FUNCTION APPROACH. Asian Journal of Control, 2006, 8, 433-440.	1.9	9
392	A Generalized Parameter-Dependent Approach to Robust H_{∞} Filtering of Stochastic Systems. Circuits, Systems, and Signal Processing, 2009, 28, 191-204.	1.2	9
393	On positive filtering with \hat{A} performance for compartmental networks. International Journal of Systems Science, 2009, 40, 961-971.	3.7	9
394	H_{∞} Filtering for Systems with Delays and Time-varying Nonlinear Parameters. Circuits, Systems, and Signal Processing, 2010, 29, 601-627.	1.2	9
395	Asynchronous output-feedback stabilization of discrete-time Markovian jump linear systems. , 2012, , .		9
396	Global dynamics of an HIV model incorporating senior male clients. Applied Mathematics and Computation, 2017, 311, 203-216.	1.4	9

#	ARTICLE	IF	CITATIONS
397	A novel body frame based approach to aerospacecraft attitude tracking. ISA Transactions, 2017, 70, 228-237.	3.1	9
398	Global Stabilization of Multiple Oscillator Systems by Delayed and Bounded Feedback. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 675-679.	2.2	9
399	On construction of Lyapunov functions for scalar linear time-varying systems. Systems and Control Letters, 2020, 135, 104591.	1.3	9
400	Positive Consensus of Directed Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 3641-3646.	3.6	9
401	Saturated linear quadratic regulation of uncertain linear systems: Stability region estimation and controller design. International Journal of Control, 2002, 75, 97-110.	1.2	8
402	Robust Positive Real Synthesis for 2D Continuous Systems via State and Output Feedback. Circuits, Systems, and Signal Processing, 2005, 24, 183-199.	1.2	8
403	Further results on local stability of REM algorithm with time-varying delays. IEEE Communications Letters, 2005, 9, 402-404.	2.5	8
404	Estimates of the spectral condition number. Linear and Multilinear Algebra, 2011, 59, 249-260.	0.5	8
405	Strong practical stability and stabilization of uncertain discrete linear repetitive processes. Numerical Linear Algebra With Applications, 2013, 20, 220-233.	0.9	8
406	Constrained control of switched positive systems with discrete and distributed delays. , 2014, , .		8
407	Lyapunovâ€“Krasovskii functionals for predictor feedback control of linear systems with multiple input delays. Applied Mathematics and Computation, 2014, 244, 303-311.	1.4	8
408	Development of a novel in-pipe walking robot. , 2015, , .		8
409	Frequency interval balanced truncation of discrete-time bilinear systems. Cogent Engineering, 2016, 3, 1203082.	1.1	8
410	Dominant pole and eigenstructure assignment for positive systems with state feedback. International Journal of Systems Science, 2016, 47, 2901-2912.	3.7	8
411	On stability of neutral-type linear stochastic time-delay systems with three different delays. Applied Mathematics and Computation, 2019, 360, 147-166.	1.4	8
412	Inputâ€“output gain analysis of positive periodic systems. International Journal of Robust and Nonlinear Control, 2021, 31, 2928-2945.	2.1	8
413	Robust hyperplane synthesis for sliding mode control systems via sensitivity minimization. Optimal Control Applications and Methods, 2002, 23, 125-139.	1.3	7
414	Improved exponential estimates for neutral systems. Asian Journal of Control, 2009, 11, 261-270.	1.9	7

#	ARTICLE	IF	CITATIONS
415	Partial feedback control of quantum systems using probabilistic fuzzy estimator. , 2009, , .		7
416	On the synthesis of H^∞ consensus for multi-agent systems. IMA Journal of Mathematical Control and Information, 2015, 32, 591-607.	1.1	7
417	Model reduction of discrete Markovian jump systems with time-weighted H_2 performance. International Journal of Robust and Nonlinear Control, 2016, 26, 401-425.	2.1	7
418	Dynamic modelling and simulation of rail car suspension systems using classic controls. Cogent Engineering, 2019, 6, .	1.1	7
419	On the algebraic Riccati inequality arising in cone-preserving time-delay systems. Automatica, 2020, 113, 108820.	3.0	7
420	Further Improvements on Non-Negative Edge Consensus of Networked Systems. IEEE Transactions on Cybernetics, 2022, 52, 9111-9119.	6.2	7
421	Differentially private average consensus with general directed graphs. Neurocomputing, 2021, 458, 87-98.	3.5	7
422	Variable-Parameter-Dependent Saturated Robust Control for Vehicle Lateral Stability. IEEE Transactions on Control Systems Technology, 2022, 30, 1711-1722.	3.2	7
423	On the stability of projections of balanced realizations. Linear Algebra and Its Applications, 1997, 257, 163-182.	0.4	6
424	Energy-to-Peak Model Reduction for 2-D Discrete Systems in Fornasini-Marchesini Form. European Journal of Control, 2006, 12, 420-430.	1.6	6
425	Time-Multiplied Guaranteed Cost Control of Linear Delay Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2008, 130, .	0.9	6
426	A Delay-Partitioning Projection Approach to Stability Analysis of Neutral Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 12348-12353.	0.4	6
427	Improved stability and stabilization results for discrete singular delay systems via delay partitioning. , 2009, , .		6
428	Multiobjective controller synthesis via eigenstructure assignment with state feedback. International Journal of Systems Science, 2016, 47, 3219-3231.	3.7	6
429	Nonnegative Consensus Tracking of Networked Systems With Convergence Rate Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7534-7544.	7.2	6
430	Consensus of Positive Networked Systems on Directed Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4575-4583.	7.2	6
431	A polynomial blossoming approach to stabilization of periodic time-varying systems. Automatica, 2022, 141, 110305.	3.0	6
432	On computation of the stability radius for nonlinearly structured perturbations. Systems and Control Letters, 1998, 34, 273-280.	1.3	5

#	ARTICLE	IF	CITATIONS
433	Decentralized stabilization for nonlinear similar composite systems with uncertainty. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 3444-3449.	0.4	5
434	New lyapunov and riccati equations for discrete-time descriptor systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 1583-1588.	0.4	5
435	Robust stability of composite singular and impulsive interval uncertain dynamic systems with time delay. International Journal of Systems Science, 2001, 32, 1297-1307.	3.7	5
436	Reliable linear-quadratic control for symmetric composite systems. International Journal of Systems Science, 2001, 32, 73-82.	3.7	5
437	Positive Real Control for Uncertain Singular Time-Delay Systems via Output Feedback Controllers. European Journal of Control, 2004, 10, 293-302.	1.6	5
438	Stability Analysis of Markovian Jump Systems with Multiple Delay Components and Polytopic Uncertainties. Circuits, Systems, and Signal Processing, 2012, 31, 143-162.	1.2	5
439	Simultaneous Optimization of Damper Parameters and Controllers for Building Vibration Attenuation over Finite Frequency Band. Asian Journal of Control, 2013, 15, 1589-1598.	1.9	5
440	Bounded control of feedforward time delay systems with linearized systems consisting of chain of oscillators. International Journal of Robust and Nonlinear Control, 2019, 29, 283-305.	2.1	5
441	A Multimodal Hydrogel Soft-Robotic Sensor for Multi-Functional Perception. Frontiers in Robotics and AI, 2021, 8, 692754.	2.0	5
442	Proportional-derivative controller design of continuous-time positive linear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 9497-9511.	2.1	5
443	Secure Estimation With Privacy Protection. IEEE Transactions on Cybernetics, 2023, 53, 4947-4961.	6.2	5
444	Robust eigenstructure assignment with minimum subspace separation. International Journal of Robust and Nonlinear Control, 2004, 14, 1227-1253.	2.1	4
445	Delay-Dependent \hat{H}^3 -Suboptimal \hat{H}^∞ Model Reduction for Neutral Systems With Time-Varying Delays. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2006, 128, 394-399.	0.9	4
446	Constrained approximation of multiple input-output delay systems using genetic algorithm. ISA Transactions, 2007, 46, 211-221.	3.1	4
447	Integral Partitioning Approach to Stability Analysis and Stabilization of Distributed Time Delay Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 5094-5099.	0.4	4
448	Realization of a special class of admittances with one damper and one inerter. , 2012, , .		4
449	Mixed Additive/Multiplicative \hat{H}^∞ Model Reduction. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2013, 135, .	0.9	4
450	Positive state-bounding observer for interval positive systems under L_1 performance. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
451	Design of a one-motor tree-climbing robot. , 2015, , .		4
452	On a conjecture about the norm of Lyapunov mappings. Linear Algebra and Its Applications, 2015, 465, 88-103.	0.4	4
453	Position control under simultaneous limited torque and speed of a torque-driven nonlinear rotational mechanism. Cogent Engineering, 2016, 3, 1192009.	1.1	4
454	Robust stabilisation of time-varying delay systems with probabilistic uncertainties. International Journal of Systems Science, 2016, 47, 3016-3026.	3.7	4
455	Consensus of Discrete-time Positive Multi-agent Systems with Observer-type Protocols. , 2019, , .		4
456	Analysis of Positive Systems With Input Saturation: Invariant Hyperpyramids and Hyperrectangles. IEEE Transactions on Automatic Control, 2022, 67, 3005-3012.	3.6	4
457	Output Feedback Stabilization of Uncertain Time-â€œDelay Systems Containing Saturating Actuators. Asia-Pacific Journal of Chemical Engineering, 2001, 9, 183-190.	0.0	3
458	Recursive filtering for a class of nonlinear systems with missing measurements. , 2012, , .		3
459	Stability analysis of discrete-time positive switched linear delay systems. , 2012, , .		3
460	H^{∞} and Passivity Control via Static and Integral Output Feedback for Systems With Input Delay. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2012, 134, .	0.9	3
461	Controller synthesis for positive systems under L_1 -induced performance. , 2012, , .		3
462	Remarks on "Decay rate constrained stability analysis for positive systems with discrete and distributed delays". Systems Science and Control Engineering, 2015, 3, 24-25.	1.8	3
463	Joint unscented Kalman filter for dual estimation in a bifilar pendulum for a small UAV. , 2015, , .		3
464	Pseudo-predictor feedback control of discrete-time linear systems with a single input delay. , 2015, , .		3
465	A novel nonlinear process monitoring approach: Locally weighted learning based total PLS. , 2016, , .		3
466	Necessary and Sufficient Conditions on Negative Imaginariness for Interval SISO Transfer Functions and Their Interconnection. IEEE Transactions on Automatic Control, 2020, 65, 4362-4368.	3.6	3
467	Robust H^{∞} Control and Filtering of Networked Control Systems. , 2008, , 121-151.		3
468	Intent inference in shared-control teleoperation system in consideration of user behavior. Complex & Intelligent Systems, 2022, 8, 2971-2981.	4.0	3

#	ARTICLE	IF	CITATIONS
469	Tactual Recognition of Soft Objects From Deformation Cues. IEEE Robotics and Automation Letters, 2022, 7, 96-103.	3.3	3
470	Stabilisation of quadrotor aircraft with constrained controls. International Journal of Systems Science, 2022, 53, 1245-1259.	3.7	3
471	Design of decision-making support system in power grid dispatch control based on the forecasting of energy consumption. Cogent Engineering, 2022, 9, .	1.1	3
472	Comments on "New algorithm for minimal balanced realization of transfer function matrix". International Journal of Control, 1991, 53, 1255-1259.	1.2	2
473	Delay-dependent H_2 - H_∞ model reduction for polytopic systems with time-varying delay. , 2008, , .		2
474	H_∞ model reduction for positive systems. , 2010, , .		2
475	Reduced-order dissipative filtering for discrete-time singular systems. , 2013, , .		2
476	Reduced-order H_∞ filtering for commensurate fractional-order systems. , 2013, , .		2
477	Vibration control systems. Mechatronics, 2014, 24, 287-288.	2.0	2
478	Observer-based controller synthesis for discrete systems under bounded peak disturbances: Convergence within ellipsoids. , 2015, , .		2
479	Stability and H_2 -gain analysis of periodic piecewise linear systems. , 2015, , .		2
480	Networked control under communication constraints: The discrete-time case. , 2016, , .		2
481	Generalized Lead-Lag H_∞ Compensators for MIMO Linear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6207-6217.	5.9	2
482	Robot dynamic model: freudenstein-based optimal trajectory and parameter identification. Cogent Engineering, 2022, 9, .	1.1	2
483	Artificial neural networks for predicting the demand and price of the "hybrid electric vehicle spare parts. Cogent Engineering, 2022, 9, .	1.1	2
484	Stability and stabilization of periodic piecewise positive systems: A time segmentation approach. Asian Journal of Control, 2023, 25, 677-694.	1.9	2
485	Error bounds for Padé approximations of e^{z} on the imaginary axis. Journal of Approximation Theory, 1992, 69, 222-230.	0.5	1
486	Robust output feedback stabilization using genetic algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 1356-1359.	0.4	1

#	ARTICLE	IF	CITATIONS
487	A parametric optimization approach to discrete-time model reduction. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 1678-1683.	0.4	1
488	Global Exponential Estimates of Stochastic Cohen-Grossberg Neural Networks with Time Delay. , 2007, , .		1
489	Corrigendum to "Stability analysis for continuous systems with two additive time-varying delay components" Systems and Control Letters, 2007, 56, 662.	1.3	1
490	Mixed H2/H ∞ Control of Discrete-Time Markovian Jump Systems via Static Output-Feedback Controllers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5909-5914.	0.4	1
491	Simultaneous H_2 and H_∞ stabilization via fixed-order controllers: Equivalence and computation. , 2009, , .		1
492	Special issue on advanced control of aerospace vehicles. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2013, 227, 2-2.	0.7	1
493	H_2 performance analysis with transients for singular systems. , 2013, , .		1
494	Effects of secondary loudspeaker properties on broadband feedforward active duct noise control. Journal of the Acoustical Society of America, 2013, 134, 257-263.	0.5	1
495	Reachable set analysis for singular systems. , 2014, , .		1
496	Event-triggered networked predictive control of system with data loss. Cogent Engineering, 2016, 3, 1134039.	1.1	1
497	On Bounded Control of A Class of Feedforward Nonlinear Time-Delay Systems. IFAC-PapersOnLine, 2018, 51, 89-93.	0.5	1
498	On Stability of A Class of Stochastic Neutral-Type Time-Delay Systems. , 2018, , .		1
499	Special issue on Inerter-based systems: Design, modeling, optimization and control. Journal of the Franklin Institute, 2019, 356, 7609-7610.	1.9	1
500	Equivalent conditions of finite-time time-varying output-feedback control for discrete-time positive time-varying linear systems. Cogent Engineering, 2020, 7, 1791547.	1.1	1
501	On positive realness and negative imaginarity of uncertain discrete-time state-space symmetric systems. International Journal of Systems Science, 2020, 51, 1406-1417.	3.7	1
502	Delay-Dependent Exponential Estimates of Stochastic Neural Networks with Time Delay. Lecture Notes in Computer Science, 2006, , 332-341.	1.0	1
503	On Stability and Performance of the Optimal Linear Filter Over Gilbert-Elliott Channels With Unobservable Packet Losses. IEEE Transactions on Control of Network Systems, 2022, 9, 1029-1039.	2.4	1
504	Stability and Stabilization of Almost Periodic Piecewise Linear Systems With Dwell Time Uncertainty. IEEE Transactions on Automatic Control, 2023, 68, 1130-1137.	3.6	1

#	ARTICLE	IF	CITATIONS
505	Kinematic Analysis of Soft Continuum Manipulators Based on Sparse Workspace Mapping. IEEE Robotics and Automation Letters, 2022, 7, 5055-5062.	3.3	1
506	Balanced realizations of symmetric composite systems. , 1997, , .		0
507	Necessary and sufficient conditions for stable H^{∞} stabilizability. , 0, , .		0
508	An Optimal Differential Sensitivity Approach to Pole Assignment for Structurally Perturbed Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1999, 121, 410-417.	0.9	0
509	Optimal model reduction via delay approximation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 1933-1938.	0.4	0
510	Further results on H_2 optimal model reduction. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 1684-1689.	0.4	0
511	Stability of Limit Cycles for Time-Delay Relay Feedback Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 395-400.	0.4	0
512	Robust Stability Analysis for Descriptor Systems with State Delay and Parameter Uncertainty $\hat{\epsilon}_i$. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 803-807.	0.4	0
513	ROBUST H^{∞} CONTROL OF MARKOVIAN JUMP LINEAR SYSTEMS WITH UNCERTAIN SWITCHING PROBABILITIES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 417-422.	0.4	0
514	New A' causal Output Control for Discrete Linear Repetitive Processes. , 2007, , .		0
515	Control of Discrete Linear Repetitive Processes with H and $l_2 - l$ Performance. Proceedings of the American Control Conference, 2007, , .	0.0	0
516	Filtering of Discrete Linear Repetitive Processes with H and l_2-l Performance. , 2007, , .		0
517	H^{∞} filter design for quantum stochastic systems. , 2008, , .		0
518	Rapid incoherent control of a simple quantum system via two-step optimization. , 2008, , .		0
519	Filters for linear continuous-time singular systems. , 2009, , .		0
520	A matrix transformation approach to H^{∞} control via static output feedback for input delay systems. , 2009, , .		0
521	Decentralized H^{∞} control for air traffic flow networks modeled by a class of compartmental systems. , 2010, , .		0
522	Semi-Global Stabilization of Linear Time-Delay Systems with Input Energy Constraint. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 5106-5111.	0.4	0

#	ARTICLE	IF	CITATIONS
523	Special issue on "Analysis and Control of Biological Networks" Asian Journal of Control, 2011, 13, 595-596.	1.9	0
524	Optimal time-weighted H_2 model reduction for discrete Markovian jump systems. , 2014, , .		0
525	Lyapunov-Krasovskii functionals for predictor feedback control of linear systems with multiple input delays. , 2014, , .		0
526	Model reduction for two-dimensional systems with generalized H_∞ approximation performance. , 2014, , .		0
527	Generalized H_2 performance analysis of periodic piecewise systems. , 2015, , .		0
528	Intelligent monitoring, diagnosis and control in mechanical engineering. Advances in Mechanical Engineering, 2018, 10, 168781401881211.	0.8	0
529	Resource Allocation for Robust Stabilization of Foschini-Miljanic Algorithm. , 2019, , .		0
530	Bounded control of feedforward nonlinear systems subject to input time delay. International Journal of Robust and Nonlinear Control, 2020, 30, 5579-5601.	2.1	0
531	State estimation for systems with unobservable packet losses: Approximate estimation, stability, and performance analysis. International Journal of Robust and Nonlinear Control, 2022, 32, 545-566.	2.1	0
532	Robust H_∞ filtering for 2-D stochastic systems. , 2004, , .		0
533	Robust stability bounds for time-delay systems: LMI characterization and computation. , 1999, , .		0