

Delay-dependent stability and H^∞ control: Constant an

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Exponential stability for linear time-delay systems with delay dependence. Journal of the Franklin Institute, 2003, 340, 481-488.	1.9	70
2	Comments and further results on "A descriptor system approach to H_{∞} control of linear time-delay systems". IEEE Transactions on Automatic Control, 2003, 48, 520-525.	3.6	236
3	Sliding mode control of systems with time-varying delays via descriptor approach. International Journal of Systems Science, 2003, 34, 553-559.	3.7	37
4	Robust asymptotic stability of uncertain neutral systems via LMI and GAs. , 0, , .		0
5	A delay-dependent stability criterion of neutral systems and its application to a partial element equivalent circuit model. , 2004, , .		1
6	Input delay approach to robust sampled-data H_{∞} control. , 2004, , .		4
7	On Computing the Maximum Time-Delay Bound for Stability of Linear Neutral Systems. IEEE Transactions on Automatic Control, 2004, 49, 2281-2286.	3.6	47
9	Delay-dependent robust H_{∞} control for switched systems with parameter uncertainties and time delay. , 0, , .		0
10	Robust stability of linear neutral systems with nonlinear parameter perturbations. IET Control Theory and Applications, 2004, 151, 539-546.	1.7	79
11	Parameter-dependent Lyapunov functional for systems with multiple time delays. Journal of Control Theory and Applications, 2004, 2, 239-245.	0.8	7
12	Delay-dependent robust stability for neutral systems with mixed discrete-and-neutral delays. Journal of Control Theory and Applications, 2004, 2, 386-392.	0.8	3
13	Delay-dependent criteria for robust stability of time-varying delay systems. Automatica, 2004, 40, 1435-1439.	3.0	995
14	Simple stability criteria for systems with time-varying delays. Automatica, 2004, 40, 1429-1434.	3.0	288
15	On Improved Delay-Dependent Robust Control for Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2004, 49, 1991-1995.	3.6	102
16	Observer-Based Dynamic Surface Control for a Class of Nonlinear Systems: An LMI Approach. IEEE Transactions on Automatic Control, 2004, 49, 1995-2001.	3.6	62
17	A Delay-Dependent Stability Criterion of Neutral Systems and its Application to a Partial Element Equivalent Circuit Model. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2004, 51, 685-689.	2.3	126
18	Efficient Conversion of Mixed Logical Dynamical Systems Into an Equivalent Piecewise Affine Form. IEEE Transactions on Automatic Control, 2004, 49, 832-838.	3.6	91
19	Parameter-Dependent Lyapunov Functional for Stability of Time-Delay Systems With Polytopic-Type Uncertainties. IEEE Transactions on Automatic Control, 2004, 49, 828-832.	3.6	644

#	ARTICLE	IF	CITATIONS
38	Augmented Lyapunov functional and delay-dependent stability criteria for neutral systems. International Journal of Robust and Nonlinear Control, 2005, 15, 923-933.	2.1	241
39	New results on delay-dependent control of time-delay systems. IEEE Transactions on Automatic Control, 2005, 50, 95-100.	3.6	88
40	Robust Sliding-Mode Filtering for a Class of Uncertain Nonlinear Time-Delay Systems. , 0, , .		0
41	Stochastic stabilization of nonlinear systems in feedforward form with noisy outputs. IEEE Transactions on Automatic Control, 2005, 50, 100-105.	3.6	16
42	H _∞ Guaranteed Cost Computation for Uncertain Time-Delay Systems. , 0, , .		3
43	Delay-Dependent Stability Analysis and Controller Synthesis for Discrete-Time T ^s Fuzzy Systems With Time Delays. IEEE Transactions on Fuzzy Systems, 2005, 13, 630-643.	6.5	97
44	Stability of linear neutral systems with linear fractional norm-bounded uncertainty. , 0, , .		1
45	A direct frequency domain approach to stability of linear systems with time-varying delays. , 0, , .		3
46	Using Meta-Heuristics In The Control Of A Non-Linear Input Delay Laboratory Helicopter System. , 0, , .		6
47	Delay-dependent Criteria for Robust Stability of Linear Uncertain Systems with Multiple Time-varying State Delays. , 0, , .		1
48	Improved bounded-real-lemma representation and H _∞ control of systems with polytopic uncertainties. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 380-383.	2.3	70
49	Delay-Dependent Adaptive Sliding Mode Control of Uncertain Systems With State and Input Delays. , 2005, , .		3
50	Delay-Dependent H _∞ Control of Uncertain Discrete Delay Systems. European Journal of Control, 2005, 11, 29-37.	1.6	87
51	DELAY-DEPENDENT SYNCHRONIZATION CRITERION FOR LUR'E SYSTEMS WITH DELAY FEEDBACK CONTROL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 3087-3091.	0.7	43
52	A New Predictive Approach for Bilateral Teleoperation With Applications to Drive-by-Wire Systems. , 2006, 22, 1146-1162.		81
53	Delay-Dependent Adaptive Control of Uncertain Time-Delay Systems. , 2006, , .		3
54	Delay-dependent Robust H _∞ Controller Design For Uncertain Linear Systems with Time-varying State and Input Delays. , 2006, , .		0
55	Delay-Dependent Robust Stability of Uncertain Hereditary Systems Involving Time-Varying State Delays. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
56	On Robust Stability of Uncertain Neutral Systems: A Novel Augmented Lyapunov Functional. , 2006, , .		0
57	Design of a Robust Dynamic State Feedback Controller for Systems with Time-Varying State Delays. , 2006, , .		0
58	Stability of Systems With Uncertain Delays: A New "Complete" Lyapunov "Krasovskii Functional. IEEE Transactions on Automatic Control, 2006, 51, 885-890.	3.6	73
59	Descriptor Discretized Lyapunov Functional Method: Analysis and Design. IEEE Transactions on Automatic Control, 2006, 51, 890-897.	3.6	108
60	A Less Conservative Robust Stability Test for Linear Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2006, 51, 87-91.	3.6	231
61	Optimal Control for Linear Systems With Multiple Time Delays in Control Input. IEEE Transactions on Automatic Control, 2006, 51, 91-97.	3.6	134
62	Integral Sliding Mode Control for Systems with Time Delay. , 0, , .		12
63	Exponential stability for switched delay systems based on average dwell time technique and Lyapunov function method. , 2006, , .		7
64	A NOTE ON STABILITY OF TIME DELAY SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 555-560.	0.4	19
65	DELAY-DEPENDENT ROBUST STABILITY OF UNCERTAIN NEUTRAL SYSTEMS: QUASI FULL SIZE LYAPUNOV FUNCTIONAL APPROACH. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 284-289.	0.4	0
66	Delay Dependent Robust H_2 Stabilization of Uncertain Discrete Systems with Delays. , 2006, , .		1
67	Adaptive Actuator Fault Compensation for Nonlinear Time-Delay Systems. , 2006, , .		1
68	Less conservative stability conditions for fuzzy large-scale systems with time delays. Chaos, Solitons and Fractals, 2006, 29, 1147-1154.	2.5	30
69	Delay-dependent robust stability for uncertain linear systems with interval time-varying delay. Automatica, 2006, 42, 1059-1065.	3.0	220
70	LMI Approach to Robust Delay-Dependent Mixed H_2/H_∞ Controller of Uncertain Neutral Systems with Discrete and Distributed Time-Varying Delays. Journal of Optimization Theory and Applications, 2006, 131, 383-403.	0.8	7
71	A delay-dependent passivity criterion of linear neutral delay systems. Journal of Control Theory and Applications, 2006, 4, 201-206.	0.8	5
72	Delay-dependent stability criteria for linear systems with multiple time delays. IET Control Theory and Applications, 2006, 153, 447-452.	1.7	91
73	Decentralized Robust Delay-dependent Stabilization for Singular Large Scale Systems Based on Descriptor Output Feedback. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
74	Delay-Dependent Robust Stabilizability for Uncertain Discrete Time-Delay Systems. , 2006, , .		3
75	Delay-Dependent Stability for Time-Delay Systems with Nonlinear Perturbations. , 2006, , .		1
76	On the Delay-Dependent Stability and Stabilization of Linear Neutral Time-Delay Systems. , 2006, , .		0
77	Guaranteed cost output control for uncertain neutral systems with time-varying delays via LMI. International Journal of Systems Science, 2006, 37, 723-734.	3.7	5
78	New stability criterion for a class of linear systems with time-varying delay and nonlinear perturbations. IET Control Theory and Applications, 2006, 153, 623-626.	1.7	71
79	A new Lyapunov technique for robust control of systems with uncertain non-small delays. IMA Journal of Mathematical Control and Information, 2006, 23, 165-179.	1.1	67
80	Robust Stability of Uncertain Neutral Systems with Time-Varying and Distributed Delays. , 2006, , .		0
81	Improved Stabilization Method for Networked Control Systems. , 2006, , .		7
82	Robust H_{∞} Control of Uncertain Discrete Singular Systems with Time-Varying Delays. , 2006, , .		0
83	Novel Absolute Stability Criterion for Time Delay Systems with Sector-Bounded Nonlinearities. , 2006, , .		1
84	A New Model for Time-delay Systems with Application to Network Based Control. , 2006, , .		17
85	Robust Stabilization And H_{∞} Control for Uncertain Discrete-time Systems with Time-varying Delays. , 2006, , .		1
86	Output Feedback Stabilization for Discrete-time Systems with A Time-varying Delay. , 2006, , .		7
87	Stabilization criterion for delayed feedback control of time-delay chaotic systems. , 2006, , .		0
88	Rate-Dependent Mixed $H_{\infty}/H_2/H_{\infty}$ Filtering for Time Varying State Delayed LPV Systems. , 2006, , .		4
89	Stability of Internet-Based Control Systems with Uncertainties and Multiple Time-Varying Delays. , 2006, , .		10
90	Delay-Dependent Dynamical H_{∞} Control of Linear State-Delayed Systems. , 2006, , .		2
91	Further Results on Robust Stability/Stabilization of Uncertain Linear Delayed Systems. , 2006, , .		3

#	ARTICLE	IF	CITATIONS
92	State Feedback Controller Design of Networked Control Systems with Time Delay in the Plant. , 2006, , .		16
93	Stability of Time-Delay Systems with Non-Small Delay. , 2006, , .		34
94	H _∞ control design for uncertain linear systems with time-varying delays using LMI. , 2007, , .		0
95	Delay-dependent criteria for robust stability of linear neutral systems with time-varying delay and nonlinear perturbations. International Journal of Systems Science, 2007, 38, 511-518.	3.7	22
96	Delay-dependent robust stability of linear systems with non-commensurate time varying delays. International Journal of Systems Science, 2007, 38, 749-757.	3.7	17
97	Gain-scheduled H _A -output feedback control for parameter-varying systems with delays. IMA Journal of Mathematical Control and Information, 2007, 25, 251-268.	1.1	5
98	Robust l ₂ -l _∞ filtering for switched linear discrete time-delay systems with polytopic uncertainties. IET Control Theory and Applications, 2007, 1, 722-730.	1.2	114
99	A Study of Delay-Dependent Stabilization for Discrete-Time Systems with Time Delays. , 2007, , .		2
100	New Delay-Dependent Stabilization Criterion for Time-Delay Chaotic Systems. , 2007, , .		0
101	Robust H _∞ Filtering for Fuzzy Time-Delay Systems. , 2007, , .		1
102	Dynamic Output Feedback H_{∞} Control Problem for Linear Neutral Systems. IEEE Transactions on Automatic Control, 2007, 52, 1113-1118.	3.6	21
103	Delay-Dependent Reliable H Control for Linear Time-Varying Delay Systems via Adaptive Approach. Proceedings of the American Control Conference, 2007, , .	0.0	4
104	Delay-dependent stability analysis of linear system with multiple state delays. , 2007, , .		5
105	Delay-dependent H _∞ controller design for linear neutral systems with discrete and distributed delays. International Journal of Systems Science, 2007, 38, 611-621.	3.7	28
106	Robust stability of uncertain neutral systems: a novel augmented Lyapunov functional approach. IET Control Theory and Applications, 2007, 1, 802-809.	1.2	53
108	DELAY-DEPENDENT STABILITY ANALYSIS OF LINEAR SYSTEM WITH TIME VARYING STATE DELAY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 313-318.	0.4	4
109	Nonfragile H_{∞} Control for Uncertain Neutral Systems With Time-Varying Delays via the LMI Optimization Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 493-499.	5.5	28
110	Stability conditions for time-delay fuzzy systems using fuzzy weighting-dependent approach. IET Control Theory and Applications, 2007, 1, 127-132.	1.2	31

#	ARTICLE	IF	CITATIONS
111	Improvement on robust control of uncertain systems with time-varying input delays. IET Control Theory and Applications, 2007, 1, 189-194.	1.2	19
112	Robust stability and stabilisation for nonlinear uncertain time-delay systems via fuzzy control approach. IET Control Theory and Applications, 2007, 1, 422-429.	1.2	26
113	Delay-dependent robust stability and stabilisation for uncertain discrete singular systems with time-varying delays. IET Control Theory and Applications, 2007, 1, 1086-1095.	1.2	110
114	Augmented Lyapunov functional for the calculation of stability interval for time-varying delay. IET Control Theory and Applications, 2007, 1, 381-386.	1.2	21
115	Improved stabilisation method for networked control systems. IET Control Theory and Applications, 2007, 1, 1580-1585.	1.2	80
116	Stability Criteria of Linear Neutral Systems With Multiple Delays. IEEE Transactions on Automatic Control, 2007, 52, 720-724.	3.6	47
117	Improved Delay-dependent Stability Criteria for Systems with Nonlinear Perturbations. European Journal of Control, 2007, 13, 356-365.	1.6	23
118	New Absolute Stability Condition for Time-Delay Systems with Sector-Bounded Nonlinearity. Proceedings of the American Control Conference, 2007, , .	0.0	6
119	Resilient delay-dependent adaptive control of uncertain time-delay systems. , 2007, , .		1
120	A robust dynamic routing strategy based on H_{∞} control. , 2007, , .		0
121	On stability of linear parabolic distributed parameter systems with time-varying delays. , 2007, , .		17
122	Adaptive reliable guaranteed cost control of state-delayed systems via dynamic output feedback against actuator faults. , 2007, , .		0
123	Robust decentralized H_{∞} control of multi-channel discrete-time descriptor systems with time-delays. , 2007, , .		0
124	On Robust Dynamic State Feedback Stabilization of Variable Time-Delay Uncertain Systems. , 2007, , .		0
125	Throughput in Processor-Sharing Queues. IEEE Transactions on Automatic Control, 2007, 52, 299-305.	3.6	13
126	GUARANTEED COST CONTROL FOR A CLASS OF UNCERTAIN SWITCHED DELAY SYSTEMS: AN AVERAGE DWELL-TIME METHOD. Cybernetics and Systems, 2007, 38, 105-122.	1.6	27
128	Further Improvement of Free-Weighting Matrices Technique for Systems With Time-Varying Delay. IEEE Transactions on Automatic Control, 2007, 52, 293-299.	3.6	687
129	H_{∞} observer design for uncertain time-delay systems. , 2007, , .		4

#	ARTICLE	IF	CITATIONS
130	Improved delay-dependent stability criteria for systems with nonlinear perturbations. , 2007, , .		0
131	Switching based robust exponential stabilization of linear delay systems with faulty actuators. , 2007, , .		2
132	Synchronisation of nonlinear systems by bidirectional coupling with time-varying delay. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 262-267.	0.4	3
133	Stability analysis for continuous systems with two additive time-varying delay components. Systems and Control Letters, 2007, 56, 16-24.	1.3	306
134	Robust exponential stabilization for Markovian jump systems with mode-dependent input delay. Automatica, 2007, 43, 1799-1807.	3.0	112
135	Stability of linear systems with time-varying delays: A direct frequency domain approach. Journal of Computational and Applied Mathematics, 2007, 200, 61-66.	1.1	23
136	Stability analysis for neutral systems with mixed delays. Journal of Computational and Applied Mathematics, 2007, 202, 478-497.	1.1	81
137	Delay-dependent and delay-independent guaranteed cost control for uncertain neutral systems with time-varying delays via LMI approach. Chaos, Solitons and Fractals, 2007, 33, 1017-1027.	2.5	39
138	Delay-dependent robust stabilization for uncertain neutral systems with distributed delays. Automatica, 2007, 43, 95-104.	3.0	250
139	Delay-range-dependent stability for systems with time-varying delay. Automatica, 2007, 43, 371-376.	3.0	855
140	Stability analysis of systems with uncertain time-varying delays. Automatica, 2007, 43, 959-970.	3.0	254
141	Delay-dependent stability analysis for uncertain neutral systems with time-varying delays. Mathematics and Computers in Simulation, 2007, 75, 15-27.	2.4	46
142	On delay-dependent LMI-based guaranteed cost control of uncertain neutral systems with discrete and distributed time-varying delays. International Journal of Robust and Nonlinear Control, 2007, 17, 1068-1087.	2.1	2
143	On exponential stability for systems with state delays. Journal of Zhejiang University: Science A, 2007, 8, 1296-1303.	1.3	4
144	Robust H^∞ Output Dynamic Observer-Based Control Design of Uncertain Neutral Systems. Journal of Optimization Theory and Applications, 2007, 132, 193-211.	0.8	9
145	Leakage delays in BAM. Journal of Mathematical Analysis and Applications, 2007, 325, 1117-1132.	0.5	264
146	Dynamics of a hysteretic neuron model. Nonlinear Analysis: Real World Applications, 2007, 8, 375-398.	0.9	7
147	Observer-based sliding mode control for a class of uncertain nonlinear neutral delay systems. Journal of the Franklin Institute, 2008, 345, 233-253.	1.9	67

#	ARTICLE	IF	CITATIONS
148	Delay-dependent robust control for uncertain switched systems with time-delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2008, 2, 81-95.	2.1	81
149	Delay-dependent robust stability and stabilization for uncertain systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2008, 18, 1372-1387.	2.1	49
150	Delay-dependent robust passive control for a class of nonlinear systems with time-varying delays. <i>Optimal Control Applications and Methods</i> , 2008, 29, 353-371.	1.3	5
151	Synchronization stability of general complex dynamical networks with time-varying delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 7133-7139.	0.9	76
152	Observer-based optimal fault detection using PDFs for time-delay stochastic systems. <i>Nonlinear Analysis: Real World Applications</i> , 2008, 9, 2337-2349.	0.9	31
153	On loop phase margins of multivariable control systems. <i>Journal of Process Control</i> , 2008, 18, 202-211.	1.7	14
154	A new delay system approach to network-based control. <i>Automatica</i> , 2008, 44, 39-52.	3.0	1,189
155	Delay-dependent robust H_2 delayed state feedback control of uncertain neutral systems with time-varying delays. <i>Asian Journal of Control</i> , 2008, 10, 376-383.	1.1	83
156	Stability analysis of discrete-time fuzzy-model-based control systems with time delay: Time delay-independent approach. <i>Fuzzy Sets and Systems</i> , 2008, 159, 990-1000.	1.6	51
157	New delay-dependent non-fragile H_∞ observer-based control for continuous time-delay systems. <i>Information Sciences</i> , 2008, 178, 4699-4706.	4.0	65
158	Robust output-feedback control of systems with time-delay. <i>Systems and Control Letters</i> , 2008, 57, 193-199.	1.3	16
159	New stability criteria for linear systems with interval time-varying delay. <i>Automatica</i> , 2008, 44, 2680-2685.	3.0	196
160	Delay-dependent fuzzy observer-based control for discrete-time nonlinear systems with state delay. <i>Fuzzy Sets and Systems</i> , 2008, 159, 2696-2712.	1.6	32
161	Delay-dependent robust stability and stabilization of uncertain neutral systems. <i>Asian Journal of Control</i> , 2008, 10, 376-383.	1.9	14
162	Robust mixed H_2/H_∞ delayed state feedback control of uncertain neutral systems with time-varying delays. <i>Asian Journal of Control</i> , 2008, 10, 569-580.	1.9	24
163	DESIGN MODIFICATION OF SLIDING MODE OBSERVERS FOR UNCERTAIN MIMO SYSTEMS WITHOUT AND WITH TIME-DELAY. <i>Asian Journal of Control</i> , 2008, 7, 380-392.	1.9	35
164	A NEW INTEGRAL INEQUALITY APPROACH TO DELAY-DEPENDENT ROBUST H_∞ CONTROL. <i>Asian Journal of Control</i> , 2006, 8, 153-160.	1.9	15
165	IS A MIXED DESIGN OF OBSERVER-CONTROLLERS FOR TIME-DELAY SYSTEMS INTERESTING?. <i>Asian Journal of Control</i> , 2007, 9, 180-189.	1.9	19

#	ARTICLE	IF	CITATIONS
166	Delay-Dependent Robust Stability Criteria For Uncertain Neutral Systems With Mixed Time-Varying Discrete And Neutral Delays. Asian Journal of Control, 2007, 9, 411-421.	1.9	23
167	Design of Adaptive Observer for Time-Varying Delay System Based on Delay-Dependent Stability and H Infinity Tracking Performance. , 2008, , .		2
168	ROBUST H_{∞} CONTROL FOR MASTER-SLAVE SYNCHRONIZATION OF LUR'E SYSTEMS WITH TIME-DELAY FEEDBACK CONTROL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 1161-1173.	0.7	30
169	On stability of linear time-delay systems with multiple delays. International Journal of Systems Science, 2008, 39, 839-852.	3.7	14
170	PID Control for Multivariable Processes. , 2008, , .		19
171	Rate-dependent mixed H_2/H_{∞} filter design for parameter-dependent state delayed LPV systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 2097-2105.	3.5	17
172	A new result on robust stability of discrete-time systems with polytopic uncertainties and time-varying state delay. , 2008, , .		0
173	Further result on robust H_{∞} control of uncertain discrete-time systems with time-varying delay. , 2008, , .		1
174	Delay-dependent H_{∞} control of linear discrete-time systems with an interval-like time-varying delay. International Journal of Systems Science, 2008, 39, 427-436.	3.7	44
175	Resilient adaptive control of uncertain time-delay systems - a delay-dependent approach. , 2008, , .		5
176	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
177	A novel H_{∞} control strategy for design of a robust dynamic routing algorithm in traffic networks. IEEE Journal on Selected Areas in Communications, 2008, 26, 706-718.	9.7	15
178	Stability of a second order consensus algorithm with time delay. , 2008, , .		30
179	State feedback control for discrete delay systems with controller failures based on average dwell-time method. IET Control Theory and Applications, 2008, 2, 126-132.	1.2	32
180	Extensively augmented Lyapunov functional approach for the stability of neutral time-delay systems. IET Control Theory and Applications, 2008, 2, 431-436.	1.2	40
181	Robust stability analysis for uncertain continuous systems with two time-varying delay components. , 2008, , .		0
182	Delay-dependent adaptive robust H_{∞} control for uncertain linear systems with time-varying delay. , 2008, , .		1
183	New delay-dependent conditions on robust stability and stabilisation for discrete-time systems with time-delay. International Journal of Systems Science, 2008, 39, 1033-1040.	3.7	10

#	ARTICLE	IF	CITATIONS
184	Stability of uncertain systems with time-varying delay. , 2008, , .		0
185	New delay-dependent stability and stabilization of linear system with state and input delays. , 2008, , .		0
186	Robust stabilization of inputâ€ delayed systems with design example for rocket motor control. Aircraft Engineering and Aerospace Technology, 2008, 80, 59-65.	0.8	5
187	Robust output feedbackHâž control of uncertain Markovian jump systems with mode-dependent time-delays. International Journal of Control, 2008, 81, 43-61.	1.2	40
188	Delay-dependent stability for vector nonlinear stochastic systems with multiple state delays. , 2008, , .		3
189	Robust decentralized H<inf>#x221E;</inf> control for multi-channel continuous-time systems with time-delays. , 2008, , .		0
190	New criteria on delay-dependent stability for linear systems with time delays. , 2008, , .		2
191	Robust Control of Time-Delay Systems (Zhong, Q.-C.; 2006) [Book Reviews]. IEEE Transactions on Automatic Control, 2008, 53, 636-637.	3.6	4
192	Delay-dependent absolute stability of lur'e systems with interval time-varying delay. , 2008, , .		5
193	Delay-dependent H-infinity control of linear descriptor systems. , 2008, , .		3
194	Sliding mode control for linear neutral time-delay systems. , 2008, , .		0
195	The stability of uncertain system with time delay by using improved Lyapunov functional. , 2008, , .		0
196	Improved robustâ„ž control for neutral systems via discretised Lyapunov-Krasovskii functional. International Journal of Control, 2008, 81, 1462-1474.	1.2	20
197	Further improvement of delay-dependent stability for Markov jump systems with time-varying delay. , 2008, , .		3
198	Further results on stability criteria for linear systems with time-varying delay. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	3
199	Robust H<inf>#x221E;</inf> control for a class of uncertain T-S fuzzy system with time delay. , 2008, , .		0
200	New results on absolute stability of lur’e systems with time-varying delay. , 2008, , .		1
201	Robust Mixed H2/Hâž Control of Uncertain Neutral Systems with Time-Varying Delays. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 4899-4904.	0.4	1

#	ARTICLE	IF	CITATIONS
202	Linear hybrid systems with time-varying delays: H_∞ stabilisation schemes. International Journal of Systems, Control and Communications, 2008, 1, 147.	0.2	9
203	New delay-dependent H_∞ control for systems with a time-varying delay. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 13355-13360.	0.4	0
204	Improved Delay-Dependent Stability for a Class of Linear Systems with Time-Varying Delay and Nonlinear Perturbations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 2478-2483.	0.4	1
205	Delay-Dependent Robust H_∞ Control of Uncertain Stochastic Delayed Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 4916-4921.	0.4	4
206	On Robustness of Discrete-Time LTI Systems with Varying Time Delays. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 12336-12341.	0.4	1
207	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
208	Robust Delay Block Stabilization via Integral Sliding Mode Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 15415-15420.	0.4	1
209	Delay-dependent robust control design for uncertain multi-time-delayed linear systems. International Journal of Intelligent Computing and Cybernetics, 2008, 1, 128-142.	1.6	1
210	LMI-based exponential estimates for time-delay systems. , 2009, , .		0
211	Delay-range-dependent and rate-range-dependent stability criteria for linear systems with time-varying delays. , 2009, , .		1
212	State feedback controller design of networked control systems with multiple-packet transmission. International Journal of Control, 2009, 82, 86-94.	1.2	20
213	On robust stability of uncertain neutral systems with discrete and distributed delays. , 2009, , .		13
214	Stability analysis of networked control systems: A discontinuous Lyapunov functional approach. , 2009, , .		20
215	Delay-dependent robust H_∞ control for time-delay systems with polytopic uncertainty. , 2009, , .		1
216	Delay-dependent stability criteria for LTI systems with multiple time delays. , 2009, , .		2
217	Exponential stability of switched stochastic delay systems with non-linear uncertainties. International Journal of Systems Science, 2009, 40, 637-648.	3.7	26
218	A new result on delay-dependent robust stabilization for uncertain systems with time-delay. , 2009, , .		0
219	Adaptive control for time-delay Markovian jump linear systems with state-dependant switching. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
220	Improved exponential stability criteria for uncertain stochastic systems with time delay. , 2009, , .		0
221	Improved robust stability criterion for delay systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 745-752.	0.7	1
222	Discontinuous Systems. Communications and Control Engineering, 2009, , .	1.0	2
223	Improved robust stability and feedback stabilization criteria for time-delay systems. IMA Journal of Mathematical Control and Information, 2009, 26, 451-466.	1.1	4
224	State-feedback stabilization of linear systems with input and state delays. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 557-565.	0.7	2
225	A robust H_2/H_∞ control approach to uncertain systems with time-varying delays. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 507-520.	0.7	1
226	Parameterization approach to stability and feedback stabilization of linear time-delay systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 929-939.	0.7	0
227	Delay-dependent H_∞ control of linear discrete-time systems with time-varying delay via switched system approach. International Journal of Adaptive Control and Signal Processing, 2009, 23, 1104-1112.	2.3	9
228	Control of friction oscillator by Lyapunov redesign based on delayed state feedback. Acta Mechanica Sinica/Lixue Xuebao, 2009, 25, 257-264.	1.5	4
229	On the stability of nonlinear systems with leakage delay. Journal of the Franklin Institute, 2009, 346, 366-377.	1.9	76
230	Delay-dependent H_∞ control for 2-D discrete state delay systems in the second FM model. Multidimensional Systems and Signal Processing, 2009, 20, 333-349.	1.7	46
231	Delay-Dependent Nonfragile H_∞ Observer-Based Control for Neutral Systems with Time Delays in the State and Control Input. Journal of Optimization Theory and Applications, 2009, 141, 445-460.	0.8	4
232	Stabilization of Linear Switched Delay Systems: H_2 and H_∞ Methods. Journal of Optimization Theory and Applications, 2009, 142, 583-601.	0.8	35
233	Decentralized Reliable Control of Interconnected Systems with Time-Varying Delays. Journal of Optimization Theory and Applications, 2009, 143, 497-518.	0.8	33
234	Improved results on robust H_∞ control of uncertain discrete-time systems with time-varying delay. International Journal of Automation and Computing, 2009, 6, 103-108.	4.5	12
235	Robust H_∞ controller design for uncertain neutral systems via dynamic observer based output feedback. International Journal of Automation and Computing, 2009, 6, 164-170.	4.5	14
236	Delay-dependent robust stabilization for systems with time-varying delays. International Journal of Control, Automation and Systems, 2009, 7, 711-722.	1.6	8
237	Improved delay-dependent absolute stability of Lur'e systems with time-delay. International Journal of Control, Automation and Systems, 2009, 7, 1009-1014.	1.6	25

#	ARTICLE	IF	CITATIONS
238	Delay-dependent adaptive reliable H_∞ control of linear time-varying delay systems. International Journal of Robust and Nonlinear Control, 2009, 19, 462-479.	2.1	24
239	Delay-dependent stability and stabilization of neutral time-delay systems. International Journal of Robust and Nonlinear Control, 2009, 19, 1364-1375.	2.1	274
240	A delay decomposition approach to delay-dependent stability for linear systems with time-varying delays. International Journal of Robust and Nonlinear Control, 2009, 19, 1922-1930.	2.1	75
241	Dissipativity analysis and synthesis of a class of nonlinear systems with time-varying delays. Journal of the Franklin Institute, 2009, 346, 570-592.	1.9	30
242	Fuzzy weighting-dependent approach to robust filter design for delayed fuzzy systems. Signal Processing, 2009, 89, 463-471.	2.1	32
243	Novel robust stability analysis for uncertain neutral system with mixed delays. Chaos, Solitons and Fractals, 2009, 42, 1820-1828.	2.5	8
244	Augmented Lyapunov functional approach to stability of uncertain neutral systems with time-varying delays. Applied Mathematics and Computation, 2009, 207, 202-212.	1.4	65
245	Delay-range-dependent stabilization of uncertain dynamic systems with interval time-varying delays. Applied Mathematics and Computation, 2009, 208, 58-68.	1.4	47
246	Novel robust stability criteria for uncertain systems with time-varying delay. Applied Mathematics and Computation, 2009, 215, 866-872.	1.4	43
247	Exponential stability of linear distributed parameter systems with time-varying delays. Automatica, 2009, 45, 194-201.	3.0	216
248	Robust delayed-state-feedback stabilization of uncertain stochastic systems. Automatica, 2009, 45, 1332-1339.	3.0	69
249	Synchronization stability of general complex dynamical networks with time-varying delays: A piecewise analysis method. Journal of Computational and Applied Mathematics, 2009, 232, 149-158.	1.1	32
250	Robust stability analysis of uncertain systems with two additive time-varying delay components. Applied Mathematical Modelling, 2009, 33, 4345-4353.	2.2	58
251	Delay-dependent robust stability and stabilization for uncertain discrete singular systems with delays. Asian Journal of Control, 2009, 11, 309-318.	1.9	14
252	Fast adaptive fault estimation and accommodation for nonlinear time-varying delay systems. Asian Journal of Control, 2009, 11, 643-652.	1.9	74
253	On Delay-Dependent Approach for Robust Stability and Stabilization of T–S Fuzzy Systems With Constant Delay and Uncertainties. IEEE Transactions on Fuzzy Systems, 2009, 17, 1143-1156.	6.5	54
254	Delay-dependent Stability Criteria for Systems with Differentiable Time Delays. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 34, 765-771.	0.3	14
255	New Results on H_∞ Filtering for Fuzzy Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2009, 17, 128-137.	6.5	74

#	ARTICLE	IF	CITATIONS
256	Decentralized Stabilization of Uncertain Systems With Interconnection and Feedback Delays: An LMI Approach. IEEE Transactions on Automatic Control, 2009, 54, 905-912.	3.6	57
257	Switched system based approach to analysis and synthesis of discrete-time linear systems with time-varying state delay. , 2009, , .		0
258	Guaranteed cost control for Networked control system with interval time-varying delay. , 2009, , .		1
259	Stabilization of time-delay systems by PID controllers. , 2009, , .		5
260	Synchronization of Bidirectionally Coupled Nonlinear Systems with Time-Varying Delay. Lecture Notes in Control and Information Sciences, 2009, , 391-401.	0.6	4
261	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
262	Delay-dependent stability analysis of linear system with additive time-varying delays. , 2009, , .		1
263	Sliding mode control for uncertain neutral system with time-delays. Kybernetes, 2009, 38, 448-456.	1.2	2
264	Unified optimization of H-infinity — Guaranteed cost control for linear systems with time-delay. , 2009, , .		1
265	Fuzzy control with time delay estimation for networked control systems. , 2009, , .		2
266	Decentralized Stabilization of Interconnected Systems With Time-Varying Delays. IEEE Transactions on Automatic Control, 2009, 54, 2663-2668.	3.6	78
267	Stabilization of linear time-delay systems by three-term controllers. , 2009, , .		3
268	Proportional retarded control of a second order system. , 2009, , .		1
269	A delay-partitioning projection approach to stability analysis of continuous systems with multiple delay components. IET Control Theory and Applications, 2009, 3, 383-390.	1.2	76
270	Finite sum equality approach to H [∞] output-feedback control for switched linear discrete-time systems with time-varying delay. IET Control Theory and Applications, 2009, 3, 1006-1016.	1.2	16
271	Efficient parameterisation to stability and feedback synthesis of linear time-delay systems. IET Control Theory and Applications, 2009, 3, 1107-1118.	1.2	23
272	Decentralized Stabilization of Interconnected Systems with Time-varying Delays. European Journal of Control, 2009, 15, 624-633.	1.6	30
273	On Improved Delay-dependent Stability Criteria for Neutral Time-delay Systems. European Journal of Control, 2009, 15, 613-623.	1.6	8

#	ARTICLE	IF	CITATIONS
274	CODESIGN STRATEGY BASED UPON SUPERVISORY FUZZY CONTROL FOR NETWORKED CONTROL SYSTEMS AND REAL TIME COMPUTING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 72-78.	0.4	0
275	Discontinuous Lyapunov Functional for Linear Systems with Sawtooth Delays*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 347-352.	0.4	5
276	Improved delay-dependent stability criteria for linear systems with time-varying delay. , 2009, , .		0
277	Extreme Result on the Robust Asymptotic Stability of Uncertain Systems with Time-Varying Delay. , 2010, , .		0
278	Tuning the leading roots of a second order DC servomotor with proportional retarded control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 337-342.	0.4	2
279	Reliable Decentralized Control of Interconnected Discrete Delay Systems*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 136-141.	0.4	0
280	New Stabilization Schemes for Linear Hybrid Systems With Time-Varying Delays. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2010, 132, .	0.9	3
281	On Stability of Linear Time-Delay Systems with Multiple Time-Varying Delays. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 1384-1387.	0.2	2
282	A delay-dividing approach to stability of neutral system with mixed delays and nonlinear perturbations. Applied Mathematical Modelling, 2010, 34, 3701-3707.	2.2	24
283	Robust stability criteria for systems with interval time-varying delay and nonlinear perturbations. Journal of Computational and Applied Mathematics, 2010, 234, 174-180.	1.1	88
284	On the stability of the stochastic parabolic Itô equation with delay and Markovian jump. Computers and Mathematics With Applications, 2010, 60, 1959-1963.	1.4	4
285	Delay-dependent robust control for discrete-time uncertain singular systems with interval time-varying delays in state and control input. Journal of the Franklin Institute, 2010, 347, 1704-1722.	1.9	33
286	A new model transformation method and its application to extending a class of stability criteria of neutral type systems. Nonlinear Analysis: Real World Applications, 2010, 11, 3752-3762.	0.9	6
287	Robust control of delay-dependent T-S fuzzy system based on method of descriptor model transformation. Artificial Intelligence Review, 2010, 34, 205-220.	9.7	4
288	Stability of linear discrete switched systems with delays based on average dwell time method. Science China Information Sciences, 2010, 53, 1216-1223.	2.7	6
289	Guaranteed cost control for T-S fuzzy systems with time-varying delays. Journal of Control Theory and Applications, 2010, 8, 413-417.	0.8	7
290	Parameter-dependent H_{∞} Control for Time-varying Delay Polytopic Systems. Journal of Optimization Theory and Applications, 2010, 147, 58-70.	0.8	5
291	Decentralized Reliable Control of Interconnected Time-Delay Systems Against Sensor Failures. Journal of Optimization Theory and Applications, 2010, 147, 318-336.	0.8	7

#	ARTICLE	IF	CITATIONS
292	Improved stability criteria for linear systems with time-varying delay. IET Control Theory and Applications, 2010, 4, 683-689.	1.2	51
293	Adaptive control of systems with mismatched non-linearities and time-varying delays using state measurements. IET Control Theory and Applications, 2010, 4, 27-36.	1.2	13
294	Linear matrix inequality-based repetitive controller design for linear systems with time-varying input delay. IET Control Theory and Applications, 2010, 4, 1071-1078.	1.2	13
295	Synchronization stability of continuous/discrete complex dynamical networks with interval time-varying delays. Neurocomputing, 2010, 73, 809-819.	3.5	82
296	Delay-range-dependent robust H^∞ control for uncertain systems with interval time-varying delays. Neurocomputing, 2010, 73, 1235-1243.	3.5	50
297	Improved stability and stabilization approach to linear interconnected time-varying delay systems. Optimal Control Applications and Methods, 2010, 31, 81-92.	1.3	18
298	New stability and stabilization methods for nonlinear systems with time-varying delays. Optimal Control Applications and Methods, 2010, 31, 273-287.	1.3	14
299	Robust H^∞ disturbance attenuation for uncertain systems with time-varying delay. Electronics and Communications in Japan, 2010, 93, 44-49.	0.3	0
300	Robust H^∞ filter design for uncertain systems with time-varying delays. Electronics and Communications in Japan, 2010, 93, 25-31.	0.3	3
301	A refined input delay approach to sampled-data control. Automatica, 2010, 46, 421-427.	3.0	988
302	A linear matrix inequality approach to robust fault detection filter design of linear systems with mixed time-varying delays and nonlinear perturbations. Journal of the Franklin Institute, 2010, 347, 957-973.	1.9	121
303	Further results on robust stability of neutral system with mixed time-varying delays and nonlinear perturbations. Nonlinear Analysis: Real World Applications, 2010, 11, 895-906.	0.9	105
304	Stability analysis for continuous system with additive time-varying delays: A less conservative result. Applied Mathematics and Computation, 2010, 215, 3740-3745.	1.4	66
305	Improved delay-range-dependent stability criteria for linear systems with time-varying delays. Automatica, 2010, 46, 466-470.	3.0	517
306	Delay-dependent Stability for Systems with Fast-varying Neutral-type Delays via a PTVD Compensation. Zidonghua Xuebao/Acta Automatica Sinica, 2010, 36, 147-152.	1.5	23
307	H^∞ Control for Discrete-time System with Input Time-varying Delay. Zidonghua Xuebao/Acta Automatica Sinica, 2010, 36, 597-602.	1.5	2
308	Stability criteria for neutral uncertain systems with time-varying delays. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2010, 224, 339-348.	0.7	5
309	Robust H^∞ control of uncertain time-varying and linear delay systems. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
310	Output feedback stabilisation for uncertain nonlinear time-delay systems subject to input constraints. International Journal of Control, 2010, 83, 676-693.	1.2	10
311	ON an improved delay-dependent robust stability criterion and application to power system stability analysis with time delays. , 2010, , .		1
312	Explicit stability conditions for multivariable nonautonomous retarded systems. International Journal of Control, 2010, 83, 2378-2384.	1.2	0
313	Stability of linear systems with general sawtooth delay. IMA Journal of Mathematical Control and Information, 2010, 27, 419-436.	1.1	125
314	Observer-based H_{∞} control for uncertain neutral systems. , 2010, , .		1
315	Delay-dependent robust H_2 control for discrete systems with time-delay and polytopic uncertainty. , 2010, , .		1
316	Delay-dependent robust stability analysis for systems with interval delays. , 2010, , .		6
317	Linear Matrix Inequality Stability Conditions from a Parameter-Dependent Lyapunov Functional for Linear Systems with a Time-Varying Delay. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2010, 224, 701-712.	0.7	2
318	New delay-dependent stability result and its application to robust performance analysis for discrete-time systems with delay. IMA Journal of Mathematical Control and Information, 2010, 27, 373-386.	1.1	11
319	Delay Dependent Robust Stabilization for Systems With Uncertain Time Varying Delays. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2010, 132, .	0.9	10
320	Piecewise interpolation Lyapunov functional approach to stability of uncertain neutral systems with time-delays. , 2010, , .		0
322	Stability analysis of interconnected time-delay systems in a generalised framework. IET Control Theory and Applications, 2010, 4, 3022-3032.	1.2	9
323	Stability Analysis and Robust Control of Time-Delay Systems. , 2010, , .		252
324	Stability Analysis of Fuzzy-Model-Based Control Systems. Studies in Fuzziness and Soft Computing, 2010, , .	0.6	14
325	An improved stability analysis of Networked Control Systems. , 2010, , .		1
326	Improved robust stability for uncertain linear systems with interval time-varying delay. , 2010, , .		0
327	Delay-dividing approach for stability of neutral system with mixed delays. , 2010, , .		0
328	Improved robust H_{∞} performance analysis for networked control systems with two additive time-varying delays. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
329	Codesign strategy based upon fuzzy control for networked control systems and a scheduling algorithm. , 2011, , .		1
330	H<inf>∞</inf> control of markovian switching systems with time-delays: Applied to DC-DC converters. , 2011, , .		1
331	Delay-dependent robust stability and stabilization for norm-bounded uncertain systems with time-varying delay. , 2011, , .		0
332	Notice of Violation of IEEE Publication Principles: Robust Delay-Dependent H_{∞} Control of Uncertain Time-Delay Systems With Mixed Neutral, Discrete, and Distributed Time-Delays and Markovian Switching Parameters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1910-1923.	3.5	321
333	Stability of neutral type singular systems. , 2011, , .		0
334	Practical Stability of Time-Delay Systems: LMI's Approach. European Journal of Control, 2011, 17, 127-138.	1.6	13
335	Delay-Dependent Stability Criteria for Systems with Interval Time-Varying Delay. Journal of Control Science and Engineering, 2011, 2011, 1-9.	0.8	0
336	Static anti-windup synthesis for linear systems with time-varying input delays. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 14483-14488.	0.4	4
337	Sampled-Data Stabilization via Round-Robin Scheduling: A Direct Lyapunov-Krasovskii Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 1459-1464.	0.4	7
338	Peak-to-peak gain minimisation of uncertain discrete-time systems with variable delays. International Journal of Systems, Control and Communications, 2011, 3, 456.	0.2	0
339	Fuzzy Modelling and Output Feedback Stabilization of an Active Magnetic Bearing with Delayed Feedback. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2011, 225, 91-100.	1.0	1
340	Tuning and noise attenuation of a second order system using Proportional Retarded control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 10337-10342.	0.4	9
341	Delay-dependent non-fragile robust stabilization and H_{∞} control of uncertain stochastic systems with time-varying delay and nonlinearity. Journal of the Franklin Institute, 2011, 348, 2174-2190.	1.9	32
342	Design of control strategies for robust dynamic routing in traffic networks. IET Control Theory and Applications, 2011, 5, 1716-1728.	1.2	2
343	Improved delay-dependent robust stability criteria for uncertain time delay systems. Applied Mathematics and Computation, 2011, 218, 2880-2888.	1.4	48
344	Improved robust stability criteria for uncertain systems with time-varying delay. Asian Journal of Control, 2011, 13, 1043-1050.	1.9	20
345	Delay dependent stability analysis of neutral systems with mixed time-varying delays and nonlinear perturbations. Journal of Computational and Applied Mathematics, 2011, 235, 2147-2156.	1.1	53
346	Further results on delay-distribution-dependent robust stability criteria for delayed systems. International Journal of Automation and Computing, 2011, 8, 23-28.	4.5	7

#	ARTICLE	IF	CITATIONS
347	Absolute stability of nonlinear systems with two additive time-varying delay components. International Journal of Automation and Computing, 2011, 8, 391-402.	4.5	5
348	Resilient decentralized stabilization of interconnected time-delay systems with polytopic uncertainties. International Journal of Robust and Nonlinear Control, 2011, 21, 355-372.	2.1	21
349	Robust delay-dependent H_{∞} control of time-delay systems with state and input delays. International Journal of Robust and Nonlinear Control, 2011, 21, 974-1007.	2.1	24
350	Absolute stability and stabilization for Lurie networked control systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1667-1676.	2.1	37
351	New criteria for synchronization stability of continuous complex dynamical networks with non-delayed and delayed coupling. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 1027-1043.	1.7	36
352	Reciprocally convex approach to stability of systems with time-varying delays. Automatica, 2011, 47, 235-238.	3.0	2,248
353	Absolute stability analysis of Lurie control system with multiple delays: An integral-equality approach. Nonlinear Analysis: Real World Applications, 2011, 12, 1475-1484.	0.9	21
354	A delay-derivative-dependent approach to robust H_{∞} filter design for uncertain systems with time-varying distributed delays. Journal of the Franklin Institute, 2011, 348, 179-200.	1.9	17
355	New results on robust exponential stability for uncertain system with interval delay. , 2011, , .		0
356	New delay-dependent absolute stability criteria for Lur'e systems with time-varying delay. International Journal of Systems Science, 2011, 42, 1105-1113.	3.7	12
357	Low-order control design for chatter suppression in high-speed milling. , 2011, , .		2
358	Delay-dependent stability for neutral systems with time-varying delay. , 2011, , .		0
359	Improved Robust Stabilization of Time-Delay Systems via Fuzzy Discretized Approach. , 2011, , .		0
360	Persistent bounded disturbance rejection for discrete-time delay systems. International Journal of Systems Science, 2011, 42, 921-930.	3.7	6
361	A new delay-distribution-dependent robust stability criterion for uncertain systems with time-varying delay. , 2011, , .		1
362	Stability and stabilization for a class of polynomial discrete fuzzy systems with time delay by sum-of-squares optimization. , 2011, , .		13
363	Delay-dependent robust peak-to-peak filtering for stochastic systems with time-delay. , 2011, , .		0
364	New Robust Exponential Stability Criterion for Uncertain Neutral Systems with Discrete and Distributed Time-Varying Delays and Nonlinear Perturbations. Abstract and Applied Analysis, 2011, 2011, 1-16.	0.3	8

#	ARTICLE	IF	CITATIONS
365	Robust Exponential Stability Criteria of LPD Systems with Mixed Time-Varying Delays and Nonlinear Perturbations. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-20.	0.3	4
366	A Delay-Dividing Approach for Stability of Neutral System with Mixed Delays. <i>Advanced Materials Research</i> , 2012, 468-471, 405-408.	0.3	0
367	Delay-Dependent Robust Exponential Stability for Uncertain Neutral Stochastic Systems with Interval Time-Varying Delay. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-22.	0.4	3
368	Convex Polyhedron Method to Stability of Continuous Systems with Two Additive Time-Varying Delay Components. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-13.	0.4	4
369	Delay-range-dependent stability for uncertain stochastic systems with interval time-varying delay and nonlinear perturbations. <i>International Journal of Computer Mathematics</i> , 2012, 89, 983-997.	1.0	3
370	New stability criteria for linear systems with time-varying interval delay. , 2012, , .		1
371	Stabilization analysis for a class of multiple interval time-varying delays system. , 2012, , .		0
372	Improved stability for linear system with sawtooth delay. , 2012, , .		2
373	Guaranteed cost control for polynomial fuzzy time delay systems by sum-of-squares approach. , 2012, , .		5
374	Analysis and synthesization for a class of discrete-time Markovian jumping systems with mode-dependent delays and actuators saturation. , 2012, , .		0
375	H8 Control for Uncertain Systems with Time-Varying Delay. , 2012, , .		0
376	Delay-Dependent Stability of Uncertain Distributed Time-Delay Systems. <i>Advanced Engineering Forum</i> , 0, 6-7, 45-48.	0.3	0
377	New robust exponential stability of complex neutral system with mixed time-varying delays and nonlinear perturbations. , 2012, , .		1
378	New delay-dependent absolute stability for uncertain Lur'e system with interval delay. , 2012, , .		1
379	Improved delay-range-dependent stability criteria for linear systems with interval time-varying delays. <i>IET Control Theory and Applications</i> , 2012, 6, 868.	1.2	36
380	Decentralized H ∞ control for large-scale interconnected nonlinear time-delay systems via LMI approach. <i>Journal of Process Control</i> , 2012, 22, 1325-1339.	1.7	31
381	New augmented Lyapunov functional method for stability of uncertain neutral systems with equivalent delays. <i>Mathematics and Computers in Simulation</i> , 2012, 84, 42-50.	2.4	11
382	Extended Small Gain Theorem with application to time-delay switched linear systems. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
383	Robust stabilization for a class of uncertain neutral systems via observer-based output feedback. , 2012, , .		0
384	Research on two-stage supply chain revenue sharing contract with loss-aversion under disruption. , 2012, , .		0
385	Delay-dependent stability analysis for neutral systems with equivalent delays. , 2012, , .		0
386	New delay-dependent stabilization result for linear time-delay system with actuator saturation. , 2012, , .		4
387	Delay-dependent non-fragile H_{∞} robust control for a class of uncertain stochastic nonlinear systems. , 2012, , .		1
388	Guaranteed Cost Control for Polynomial Discrete Fuzzy Time Delay Systems by Sum-of-Squares Approach. , 2012, , .		5
389	Robust finite-time control for uncertain discrete jump systems with time delay. Applied Mathematics and Computation, 2012, 219, 2465-2477.	1.4	29
390	Delay-dependent observer-based finite-time control for switched systems with time-varying delay. Nonlinear Analysis: Hybrid Systems, 2012, 6, 885-898.	2.1	100
391	Improved stability conditions for systems with interval time-varying delay. International Journal of Control, Automation and Systems, 2012, 10, 1146-1152.	1.6	42
392	Stability analysis and control of linear periodic time-delay systems with state-space models based on semi-discretization. , 2012, , .		5
394	Fuzzy Networked Control Systems Design Considering Scheduling Restrictions. Advances in Fuzzy Systems, 2012, 2012, 1-9.	0.6	1
395	Networked-based stabilization via discontinuous Lyapunov functionals. International Journal of Robust and Nonlinear Control, 2012, 22, 420-436.	2.1	120
396	Free-weighting matrices-based robust wide-area FACTS control design with considering signal time delay for stability enhancement of power systems. IEEJ Transactions on Electrical and Electronic Engineering, 2012, 7, 31-39.	0.8	7
397	Augmented Lyapunov functional approach for stability of neutral systems with mixed delays. Asian Journal of Control, 2012, 14, 572-579.	1.9	7
398	An improved delay-dependent bounded real lemma (BRL) and H_{∞} controller synthesis for linear neutral systems. Asian Journal of Control, 2012, 14, 580-597.	1.9	5
399	Asymptotic and exponential stability of uncertain system with interval delay. Applied Mathematics and Computation, 2012, 218, 9997-10006.	1.4	81
400	Delay-dependent stability of neutral systems with time-varying delays using delay-decomposition approach. Applied Mathematical Modelling, 2012, 36, 2253-2261.	2.2	94
401	Stability analysis of interconnected Hamiltonian systems under time delays. IET Control Theory and Applications, 2012, 6, 570.	1.2	13

#	ARTICLE	IF	CITATIONS
402	Effect of sampling jitter and control jitter on positioning error in motion control systems. Precision Engineering, 2012, 36, 175-192.	1.8	11
403	A new approach to H ∞ filtering for linear time-delay systems. Journal of the Franklin Institute, 2012, 349, 184-200.	1.9	7
404	Less conservative results on stability for linear systems with a time-varying delay. Optimal Control Applications and Methods, 2013, 34, 670-679.	1.3	37
405	New H ∞ Controller Design for Neural Networks with Interval Time-Varying Delays in State and Observation. Neural Processing Letters, 2013, 37, 235-249.	2.0	9
406	New stability analysis for systems with interval time-varying delay. Journal of the Franklin Institute, 2013, 350, 890-897.	1.9	38
407	Robust fault-tolerant control for uncertain time-delay systems with nonlinear term. , 2013, , .		0
408	Passivity-based output feedback control of Markovian jump systems with discrete and distributed time-varying delays. International Journal of Systems Science, 2013, 44, 1290-1300.	3.7	30
409	Asymptotical synchronization for chaotic Lur ∞ systems using sampled-data control. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 2743-2751.	1.7	62
410	Stochastic stability conditions for a class of neutral Markovian jump systems. , 2013, , .		0
411	Application of delay-dependent adaptive control to a continuous stirred tank reactor. , 2013, , .		0
412	Stability Analysis and Synthesis of Discrete Impulsive Switched Systems with Time-Varying Delays and Parameter Uncertainty. Circuits, Systems, and Signal Processing, 2013, 32, 61-81.	1.2	9
413	Further improvement on delay-range-dependent stability results for linear systems with interval time-varying delays. ISA Transactions, 2013, 52, 725-729.	3.1	31
414	H ∞ control for nonlinear systems with interval non-differentiable time-varying delay. European Journal of Control, 2013, 19, 190-198.	1.6	16
415	Extended small gain theorem for time-delay switched systems control and closed-loop robustness enhancement. International Journal of Control, 2013, 86, 1018-1025.	1.2	5
416	Observer-Based Fault Estimation and Accomodation for Dynamic Systems. Lecture Notes in Control and Information Sciences, 2013, , .	0.6	88
417	Parameter-dependent robust stability of time-delay systems. , 2013, , .		0
418	Stability analysis for control systems with aperiodically sampled data using an augmented Lyapunov functional method. IET Control Theory and Applications, 2013, 7, 1219-1226.	1.2	61
419	Robust Filtering and Fault Detection of Switched Delay Systems. Lecture Notes in Control and Information Sciences, 2013, , .	0.6	17

#	ARTICLE	IF	CITATIONS
420	Robust Control for a Class of Uncertain Switched Fuzzy Time-Delay Systems Based on T-S Models. Mathematical Problems in Engineering, 2013, 2013, 1-8.	0.6	4
421	A Novel Approach to Design for Linear Neutral Time-Delay Systems. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	4
422	Design and Analysis of Magneto-Rheological Dampers under Impact Loads. Applied Mechanics and Materials, 2013, 295-298, 2045-2048.	0.2	0
423	Sliding Mode Control with Stochastic Time Delay Systems. Applied Mechanics and Materials, 0, 321-324, 1712-1718.	0.2	0
424	Output-feedback stabilization for fuzzy descriptor systems with neutral time delays. , 2013, , .		0
425	Sliding Mode Control for Multiagent System with Time-Delay and Uncertainties: An LMI Approach. Mathematical Problems in Engineering, 2013, 2013, 1-12.	0.6	4
426	LQR performance for multi-agent systems: Benefits of introducing delayed inter-agent measurements. , 2013, , .		4
427	A new adaptive sliding-based congestion control strategy for a large scale TCP/IP network with differentiated services. , 2013, , .		1
428	Adaptive control of systems with fast varying unknown delay in measurements. , 2013, , .		2
429	Stability of systems with fast-varying delay using improved Wirtinger's inequality. , 2013, , .		73
430	Finite-time stability and finite-time weighted L_2 gain analysis for switched systems with time-varying delay. IET Control Theory and Applications, 2013, 7, 1058-1069.	1.2	82
431	Leader-following consensus control for networked multi-teleoperator systems with interval time-varying communication delays. Chinese Physics B, 2013, 22, 070506.	0.7	12
432	Experimental Study of H ∞ Control of Flexible Plate with Time Delay. Shock and Vibration, 2013, 20, 227-246.	0.3	1
433	Improved Stability Criteria for Markovian Jump Systems with Time-Varying Delays. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.3	1
434	New Results on Stability and Stabilization of Markovian Jump Systems with Time Delay. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	12
435	New Criterion for Stability of Linear Systems with Interval Time-Varying Delay. Applied Mechanics and Materials, 0, 651-653, 2339-2342.	0.2	0
436	New mixed delay-dependent robust stability conditions for uncertain linear neutral systems. IET Control Theory and Applications, 2014, 8, 606-613.	1.2	30
437	Robust Nonfragile Stabilizing Controller for an Uncertain Stochastic Nonlinear System With Interval Time-Varying State-Delays: Prescribed H ∞ Performance Level. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	0.9	3

#	ARTICLE	IF	CITATIONS
438	An improved delay-dependent stability criterion for linear uncertain systems with multiple time-varying delays. <i>International Journal of Control</i> , 2014, 87, 861-873.	1.2	17
439	Improved delay-dependent stabilization of time-delay systems with actuator saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 902-917.	2.1	39
440	Fuzzy networked control systems design considering frequency transmission and bounded delays restrictions as local phase problem. , 2014, , .		0
441	Lyapunov-Based Stability Analysis. <i>Systems and Control: Foundations and Applications</i> , 2014, , 51-133.	0.1	4
442	Sampled-Data and NCSs: A Time-Delay Approach. <i>Systems and Control: Foundations and Applications</i> , 2014, , 273-349.	0.1	1
443	Delay-dependent robust H^∞ control for neutral time-delay systems. <i>Mathematical Structures in Computer Science</i> , 2014, 24, .	0.5	0
444	The Improved Method of Delay-Dependent Stability Criterion for Uncertain Systems with Multiple Time-Varying Delays. <i>Applied Mechanics and Materials</i> , 0, 651-653, 2398-2401.	0.2	0
445	Non-fragile robust stabilization and H^∞ control for uncertain stochastic time delay systems with Markovian jump parameters and nonlinear disturbances. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014, 28, 464-478.	2.3	26
446	Finite-time unbiased H^∞ control for discrete jump time-delay systems. <i>Applied Mathematical Modelling</i> , 2014, 38, 3339-3349.	2.2	26
447	Research on robust control and exponential stabilization for large scale impulsive hybrid network systems with time-delay. <i>Journal of Supercomputing</i> , 2014, 70, 1023-1035.	2.4	2
448	Networks of diffusively time-delay coupled systems: Conditions for synchronization and its relation to the network topology. <i>Physica D: Nonlinear Phenomena</i> , 2014, 277, 22-39.	1.3	21
449	Robust stability criterion for uncertain stochastic systems with time-varying delay via sliding mode control. <i>Applied Mathematics and Computation</i> , 2014, 238, 70-81.	1.4	24
450	Randomly changing leader-following consensus control for Markovian switching multi-agent systems with interval time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2014, 12, 117-131.	2.1	38
451	New results on delay-dependent stability analysis and stabilization for stochastic time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 2546-2559.	2.1	39
452	Delay-dependent H^∞ control for Lurie type singular time-delay systems. , 2014, , .		0
453	Introduction to time-delay and sampled-data systems. , 2014, , .		17
454	Tutorial on Lyapunov-based methods for time-delay systems. <i>European Journal of Control</i> , 2014, 20, 271-283.	1.6	228
455	An improved robust stability criteria for power system with time-varying delays. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
456	What results from applying Lyapunov method for the linear systems with time-varying delay. , 2014, , .		0
457	Introduction to Time-Delay Systems. Systems and Control: Foundations and Applications, 2014, , .	0.1	705
458	Networked Control Systems: A time-delay approach. , 2014, , .		11
459	Adaptive H^∞ Control for Nonlinear Hamiltonian Systems with Time Delay and Parametric Uncertainties. International Journal of Automation and Computing, 2014, 11, 368-376.	4.5	2
460	Finite-time H^∞ control of switched systems with mode-dependent average dwell time. Journal of the Franklin Institute, 2014, 351, 1301-1315.	1.9	81
461	Stability analysis of sampled-data systems considering time delays and its application to electric power markets. Journal of the Franklin Institute, 2014, 351, 4457-4478.	1.9	40
462	Improved Results on Stability of Time-delay Systems using Wirtinger-based Inequality. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 6826-6830.	0.4	9
463	Stability analysis for systems with time-varying delay: Trajectory based approach. , 2015, , .		20
464	The Design of Robust Controller for Networked Control System with Time Delay. Mathematical Problems in Engineering, 2015, 2015, 1-8.	0.6	7
465	Intelligent Networked Teleoperation Control. , 2015, , .		30
466	Stability analysis of linear systems with time varying delay: An input output approach. , 2015, , .		18
467	A class of tracking problem for multi-agent systems with time delays. , 2015, , .		0
468	Research on ordering policy under the revenue sharing contract with loss-averse retailer. , 2015, , .		0
469	Finite-time stability and finite-time boundedness for switched systems with sector bounded nonlinearities. , 2015, , .		2
470	H^∞ fault tolerant control for uncertain state time-delay systems. , 2015, , .		2
471	Passification-based adaptive control: Uncertain input and output delays. Automatica, 2015, 54, 107-113.	3.0	23
472	Stability of Discrete-Time Systems With Time-Varying Delays via a Novel Summation Inequality. IEEE Transactions on Automatic Control, 2015, 60, 2740-2745.	3.6	325
473	TP ^{sup} \tilde{L} Model Transformation: A Systematic Modelling Framework to Handle Internal Time Delays in Control Systems. Asian Journal of Control, 2015, 17, 486-496.	1.9	43

#	ARTICLE	IF	CITATIONS
474	Fixed-structure robust controller design for chatter mitigation in high-speed milling. International Journal of Robust and Nonlinear Control, 2015, 25, 3495-3514.	2.1	4
475	Dynamic quantization of uncertain linear networked control systems. Automatica, 2015, 59, 248-255.	3.0	106
476	Networked Control Systems in the Presence of Scheduling Protocols and Communication Delays. SIAM Journal on Control and Optimization, 2015, 53, 1768-1788.	1.1	44
477	An improved robust stability analysis for systems with two delays by extracting overlapping feature. Journal of Control and Decision, 2015, 2, 124-141.	0.7	22
478	Delay-Interval-Dependent Stability Criterion for Linear Systems With Time-Varying State Delay. IFAC-PapersOnLine, 2015, 48, 120-125.	0.5	4
479	Improved mixed-delay-dependent asymptotic stability criteria for neutral systems. IET Control Theory and Applications, 2015, 9, 2180-2187.	1.2	28
480	New delay-range-dependent robust exponential stability criteria for uncertain linear systems with discrete interval and distributed time-varying delays and nonlinear perturbations. Asian-European Journal of Mathematics, 2015, 08, 1550061.	0.2	1
481	Further results on mixed-delay-dependent robust stability for uncertain linear neutral systems. , 2015, , .		0
482	Stability of time-delay system with time-varying uncertainties via homogeneous polynomial Lyapunov-Krasovskii functions. International Journal of Automation and Computing, 2015, 12, 657-663.	4.5	3
483	Improved Stability Criteria for Linear Neutral Time-Delay Systems. Asian Journal of Control, 2015, 17, 343-351.	1.9	14
484	Fuzzy Control Systems with Time-Delay and Stochastic Perturbation. Studies in Systems, Decision and Control, 2015, , .	0.8	16
485	Receding horizon H^{∞} control of time-delay systems. Transactions of the Institute of Measurement and Control, 2015, 37, 596-605.	1.1	13
486	Improved Stabilization Criteria for Neutral Time-Delay Systems. Mathematical Problems in Engineering, 2016, 2016, 1-13.	0.6	2
487	Robust stabilization and H^{∞} control of uncertain stochastic time-delay systems with nonlinear perturbation. International Journal of Robust and Nonlinear Control, 2016, 26, 3274-3291.	2.1	14
488	A new approach to functional observer design for linear time-delay systems. , 2016, , .		3
489	Dynamic predictor for linear time-delay systems with disturbances. , 2016, , .		4
490	On Lyapunov-Krasovskii characterizations of stability notions for discrete-time systems with unknown time-varying time-delays. , 2016, , .		2
491	Robust H^{∞} Observer-Based Control of Uncertain Neutral Systems with Mixed Delays. MATEC Web of Conferences, 2016, 71, 05001.	0.1	1

#	ARTICLE	IF	CITATIONS
492	Stability analysis of systems with time-varying delay via relaxed integral inequalities. Systems and Control Letters, 2016, 92, 52-61.	1.3	258
493	New results of mixed-delay-dependent robust stability criteria for uncertain neutral systems. , 2016, , .		3
494	On delay-dependent stability for linear systems with interval time-varying delays. , 2016, , .		0
495	Improved delay-range-dependent stability for linear systems with time-varying delays based on affine function. , 2016, , .		0
496	Further results on delay-dependent stability for continuous system with two additive time-varying delay components. ISA Transactions, 2016, 65, 9-18.	3.1	22
497	Observer-based robust switching control of switched fuzzy time-delay systems. , 2016, , .		3
498	Stability of neutral time varying delay systems: A delay partitioning approach. , 2016, , .		2
499	Event-triggered robust H control for networked control system with sensor faults. , 2016, , .		0
500	Discrete-Time Networked Control Under Scheduling Protocols. Advances in Delays and Dynamics, 2016, , 151-165.	0.4	1
501	Synthesis of Distributed Control Laws for Multi-agent Systems Using Delayed Relative Information with LQR Performance. Advances in Delays and Dynamics, 2016, , 233-252.	0.4	0
502	Stability analysis for discrete time-delay systems based on new finite-sum inequalities. Information Sciences, 2016, 369, 119-127.	4.0	21
503	Free-Weighting Matrix Method for Delay Compensation of Wide-Area Signals. Power Systems, 2016, , 155-178.	0.3	0
504	Robust admissibility and admissibilisation of uncertain discrete singular time-delay systems. International Journal of Systems Science, 2016, 47, 3720-3729.	3.7	10
505	Partial state estimation of LTI systems with multiple constant time-delays. Journal of the Franklin Institute, 2016, 353, 541-560.	1.9	4
506	Interconnected Power Systems. Power Systems, 2016, , .	0.3	8
507	Finite-time boundedness for switched systems with sector bounded nonlinearity and constant time delay. Applied Mathematics and Computation, 2016, 274, 25-40.	1.4	31
508	Improved stability and H_{∞} performance for neutral systems with uncertain Markovian jump. Nonlinear Analysis: Hybrid Systems, 2016, 19, 13-25.	2.1	70
509	Minimum-order filter design for partial state estimation of linear systems with multiple time-varying state delays and unknown input delays. International Journal of Robust and Nonlinear Control, 2017, 27, 393-409.	2.1	17

#	ARTICLE	IF	CITATIONS
510	Design of simultaneous static output feedback low-gain H_{∞} controllers for a collection of time-delay system. Optimal Control Applications and Methods, 2017, 38, 973-981.	1.3	10
511	Comparison of bounding methods for stability analysis of systems with time-varying delays. Journal of the Franklin Institute, 2017, 354, 2979-2993.	1.9	59
512	Stability and Control Design for Time-Varying Systems with Time-Varying Delays using a Trajectory-Based Approach. SIAM Journal on Control and Optimization, 2017, 55, 533-556.	1.1	32
513	Direct Integration Method for Time-Delayed Control of Second-Order Dynamic Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	0.9	4
514	Robust H_{∞} state-feedback control for linear systems. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160934.	1.0	4
515	Memory-based controller design for neutral time-delay systems with input saturations: A novel delay-dependent polytopic approach. Journal of the Franklin Institute, 2017, 354, 5245-5265.	1.9	15
516	Robust control for uncertain linear delay systems via sliding mode control. International Journal of Robust and Nonlinear Control, 2017, 27, 4825-4845.	2.1	18
517	Notes on Stability of Time-Delay Systems: Bounding Inequalities and Augmented Lyapunov-Krasovskii Functionals. IEEE Transactions on Automatic Control, 2017, 62, 5331-5336.	3.6	247
518	Recent developments on the stability of systems with aperiodic sampling: An overview. Automatica, 2017, 76, 309-335.	3.0	308
519	Matching mechanism for networked control systems with multirate sampling. IET Control Theory and Applications, 2017, 11, 2848-2857.	1.2	11
520	Adaptive synchronization of linear multi-agent systems with time-varying multiple delays. Journal of the Franklin Institute, 2017, 354, 8586-8605.	1.9	35
521	L_2 -gain analysis for systems with interval time-varying delay based on the switching technique. Journal of the Franklin Institute, 2017, 354, 7968-7982.	1.9	5
522	Improved stability and H_{∞} performance criteria for linear systems with interval time-varying delays via three terms approximation. International Journal of Systems Science, 2017, 48, 3450-3458.	3.7	24
523	Networked continuous-time filtering for quadratically inner-bounded time-delay systems with multirate sampling. Journal of the Franklin Institute, 2017, 354, 7946-7967.	1.9	9
524	Stability analysis for time-delayed systems of retarded-type with inequitable/equitable multiple-sectional approaches. , 2017, , .		0
525	Improved stability condition for systems with discrete distributed delay. , 2017, , .		0
526	An overview of fascinating ideas on complexity and complex networks and systems in computational cybernetics: Dedicated to Prof. Rudolph E. Kalman, a giant of systems and control sciences, who past away on July 3, 2016: Jean Jacques Rousseaux: "Who dares to say" this far man can go but not a step further." , 2017, , .		1
527	Further results on passivity analysis of delayed neural networks with leakage delay. Neurocomputing, 2017, 224, 135-141.	3.5	37

#	ARTICLE	IF	CITATIONS
528	A survey on Lyapunov-based methods for stability of linear time-delay systems. <i>Frontiers of Computer Science</i> , 2017, 11, 555-567.	1.6	33
529	Semi-Empirical Modelling and Predictive Tracking Control of the Mass Flow in a Pilot-Scale Tubular Reactor * *This work was supported by CONACYT, MÃ©xico, under grant 300959, 301068 and 252405. Partial financial support is kindly acknowledged from the Energy Sustainability Fund 2014-05 (CONACYT-SENER), Mexican Bioenergy Innovation Centre, Bioalcohols Cluster (249564).. <i>IFAC-PapersOnLine</i> , 2017, 50, 11132-11137.	0.5	0
530	Recent Progress in Stability and Stabilization of Systems with Time-Delays. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-25.	0.6	10
531	Control scheme for LTI systems with Lipschitz nonlinearity and unknown time-varying input delay. <i>IET Control Theory and Applications</i> , 2017, 11, 3191-3195.	1.2	12
532	Affine Besselâ€“Legendre inequality: Application to stability analysis for systems with time-varying delays. <i>Automatica</i> , 2018, 93, 535-539.	3.0	86
533	Stabilization of Nonlinear Systems With Time-Varying Input and State Delays by Approximate Predictor. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 3449-3455.	3.6	6
534	Wirtinger-like Lyapunovâ€“Krasovskii functionals for discrete-time delay systems. <i>IMA Journal of Mathematical Control and Information</i> , 2018, 35, 861-876.	1.1	31
535	Adaptive multi-agents synchronization for collaborative driving of autonomous vehicles with multiple communication delays. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 86, 372-392.	3.9	116
536	New results on stability analysis of delayed systems derived from extended wirtinger's integral inequality. <i>Neurocomputing</i> , 2018, 283, 98-106.	3.5	44
537	Mixed H^{∞} and passivity control for a class of stochastic nonlinear sampled-data systems. <i>Journal of the Franklin Institute</i> , 2018, 355, 3310-3329.	1.9	19
538	Stability of Linear Systems With Time-Varying Delays Using Besselâ€“Legendre Inequalities. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 225-232.	3.6	269
539	On Lyapunovâ€“Krasovskii Characterizations of Stability Notions for Discrete-Time Systems With Uncertain Time-Varying Time Delays. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 1603-1617.	3.6	33
540	Saturated Control of Linear Systems. <i>Studies in Systems, Decision and Control</i> , 2018, , .	0.8	19
541	Delay Systems with Saturating Control. <i>Studies in Systems, Decision and Control</i> , 2018, , 169-186.	0.8	0
542	Robust Stochastic Stability. , 2018, , 15-41.		0
543	Guaranteed cost control for exponential stability of a nonlinear system with mixed time-varying delays in states and controls. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	4
544	Delay-Dependent LMI Conditions for Stability of Stochastic Systems with Delay Term in the Form of Stieltjes Integral. , 2018, , .		2
545	A Robust Sliding Mode Control Approach for Uncertain Delay Systems Using Lambert W Function. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
546	Construction of the Lyapunovâ€“Krasovskii Functionals for some Classes of Positive Delay Systems. Siberian Mathematical Journal, 2018, 59, 753-762.	0.2	2
547	Second Law Modeling and Robust Control for Thermal-Fluid Systems. , 2018, , .		1
548	On Synchronization in FitzHugh-Nagumo Networks with Small Delays. , 2018, , .		1
549	New Stabilization Criteria for Neutral Time-Delay Systems Via Novel Inequality. , 2018, , .		0
550	New Method for the Stability Analysis of Neutral Systems with Time-Varying Structured Uncertainties. , 2018, , .		0
551	Mixed sensitivity H^{∞} control for LTI systems with varying time delays. Journal of Systems Engineering and Electronics, 2018, 29, 611.	1.1	5
552	Two-step output feedback predictive control for Hammerstein systems with networked-induced time delays. International Journal of Systems Science, 2018, 49, 2753-2762.	3.7	7
553	Adaptive Control of Teleoperation System with RISE Feedback. , 2018, , .		0
554	Delayed state-feedback control for stabilization of neural networks with leakage delay. Neural Networks, 2018, 105, 249-255.	3.3	30
555	Semi-empirical modelling of the mass flow in a pilot-scale tubular reactor and tracking control. Journal of Process Control, 2018, 69, 79-85.	1.7	5
556	New Results on the Application of the Passification Method. A Survey. Automation and Remote Control, 2018, 79, 957-995.	0.4	18
558	Introduction to Networked Control Systems. Modeling and Optimization in Science and Technologies, 2019, , 1-23.	0.7	2
559	Guaranteed Cost Controls. Communications and Control Engineering, 2019, , 133-185.	1.0	0
561	Exponential Synchronization of Neural Networks With Time-Varying Delays via Dynamic Intermittent Output Feedback Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 612-622.	5.9	85
562	Improved inequality-based functions approach for stability analysis of time delay system. Automatica, 2019, 108, 108416.	3.0	77
563	Survey on time-delay approach to networked control. Annual Reviews in Control, 2019, 48, 57-79.	4.4	116
564	Functional H^{∞} observer design for a class of bilinear systems with time delays. , 2019, , 387-403.		0
565	Delayed H^{∞} control of 2D diffusion systems under delayed pointlike measurements. Automatica, 2019, 109, 108541.		

#	ARTICLE	IF	CITATIONS
566	Aperiodic sampled-data robust H_{∞} control for delayed stochastic fuzzy systems with quasi-periodical multi-rate approach. Journal of the Franklin Institute, 2019, 356, 4530-4553.	1.9	6
567	Consensus in Asynchronous Multiagent Systems. I. Asynchronous Consensus Models. Automation and Remote Control, 2019, 80, 593-623.	0.4	3
568	Stochastic stability and extended dissipativity analysis for uncertain neutral systems with semi-Markovian jumping parameters via novel free matrix-based integral inequality. International Journal of Robust and Nonlinear Control, 2019, 29, 2525-2545.	2.1	19
569	Finite-Time H_{∞} Filtering for Discrete-Time Singular Markovian Jump Systems with Time Delay and Input Saturation. Complexity, 2019, 2019, 1-22.	0.9	2
570	Stability analysis of systems with two additive time-varying delay components via an improved delay interconnection Lyapunov-Krasovskii functional. Journal of the Franklin Institute, 2019, 356, 3457-3473.	1.9	25
571	Robust stabilization and H_{∞} control for stochastic systems with parameter uncertainty and nonlinearity. , 2019, , .		0
572	Robust H_{∞} filter design for linear time-varying delay systems via the Razumikhin technique. , 2019, , .		0
573	SOS for Systems with Multiple Delays: Part 1. H_{∞} -Optimal Control. , 2019, , .		2
574	Delay Robustness of Second-Order Uncertain Nonlinear Delay Systems under PID Control. , 2019, , .		3
575	Robust Stability Analysis for Linear Systems with Both State and Input Delays via Nested Predictor. , 2019, , .		0
576	Fault Tolerant Control for Uncertain State Time-delay Systems. , 2019, , 41-60.		2
577	Synchronization analysis of network systems applying sampled-data controller with time-delay via the Bessel-Legendre inequality. Neurocomputing, 2019, 331, 346-355.	3.5	5
578	Simple LMIs for stability of stochastic systems with delay term given by Stieltjes integral or with stabilizing delay. Systems and Control Letters, 2019, 124, 83-91.	1.3	41
579	Stability Analysis of Sampled-Data Control Systems With Constant Communication Delays. IEEE Access, 2019, 7, 111-116.	2.6	38
580	Distributed filtering and control for time delay systems interconnected over an undirected graph. International Journal of Control, 2020, 93, 1839-1858.	1.2	11
581	Delay-dependent conditions for finite time stability of linear time-varying systems with delay. Asian Journal of Control, 2020, 22, 924-933.	1.9	8
582	Discrete-Time Systems With Constrained Time Delays and Delay-Dependent Lyapunov Functions. IEEE Transactions on Automatic Control, 2020, 65, 1724-1730.	3.6	32
583	Stability and Stabilization Through Envelopes for Retarded and Neutral Time-Delay Systems. IEEE Transactions on Automatic Control, 2020, 65, 1640-1646.	3.6	10

#	ARTICLE	IF	CITATIONS
584	Combined Plant and Control Co-Design for Robust Disturbance Rejection in Thermal-Fluid Systems. IEEE Transactions on Control Systems Technology, 2020, 28, 2532-2539.	3.2	11
585	Stability analysis of linear systems with time-varying delay via intermediate polynomial-based functions. Automatica, 2020, 113, 108756.	3.0	56
586	Active disturbance rejection control for uncertain time-delay nonlinear systems. Automatica, 2020, 112, 108692.	3.0	70
587	A Panoramic Sketch about the Robust Stability of Time-Delay Systems and Its Applications. Complexity, 2020, 2020, 1-26.	0.9	3
588	An improved γ -gain analysis method of nonlinear delay systems and its application to delayed neural networks. International Journal of Control, 2020, , 1-11.	1.2	1
589	A Convex Solution of the H_{∞} -Optimal Controller Synthesis Problem for Multidelay Systems. SIAM Journal on Control and Optimization, 2020, 58, 1547-1578.	1.1	4
590	Effect of Time-Varying Delay on Stability of Real-Time Hybrid Simulation with Multiple Experimental Substructures. Journal of Earthquake Engineering, 2022, 26, 357-382.	1.4	8
591	Separation principle for quasi- ϵ -sided Lipschitz nonlinear systems with time delay. International Journal of Robust and Nonlinear Control, 2020, 30, 2430-2442.	2.1	7
592	New insights on stability of sampled-data systems with time-delay. Applied Mathematics and Computation, 2020, 374, 125041.	1.4	73
593	Networked Control Under Communication Constraints. Advances in Delays and Dynamics, 2020, , .	0.4	10
594	Delay-dependent stability analysis of stochastic time-delay systems involving Poisson process. Journal of the Franklin Institute, 2021, 358, 1087-1102.	1.9	6
595	An overview of time-delay control systems. , 2021, , 1-82.		1
596	Stability Analysis and H_{∞} Control of Time-Delay Systems. Studies in Systems, Decision and Control, 2021, , 3-22.	0.8	0
597	Delay Feedback H_{∞} Control for Neutral Stochastic Fuzzy Systems with Time Delays. Algorithms for Intelligent Systems, 2021, , 47-54.	0.5	0
599	A Theoretical Study of Second Lyapunov Method on Stability of Zero Solution for a Delay Differential System. IOP Conference Series: Materials Science and Engineering, 2021, 1095, 012002.	0.3	0
600	LMI-Based Analysis and Stabilization of Nonlinear Descriptors with Multiple Delays via Delayed Nonlinear Controller Schemes. Mathematical Problems in Engineering, 2021, 2021, 1-19.	0.6	0
601	Synchronization of singular complex networks with time-varying delay via pinning control and linear feedback control. Chaos, Solitons and Fractals, 2021, 145, 110805.	2.5	18
602	New results on stability analysis of neutral-type delay systems. International Journal of Control, 2022, 95, 2349-2356.	1.2	1

#	ARTICLE	IF	CITATIONS
603	Stability analysis of linear time-varying system via flexible polynomial-based functions. International Journal of Systems Science, 0, , 1-10.	3.7	1
604	Delay-dependent stability analysis and stabilization of stochastic time-delay systems governed by the Poisson process and Brownian motion. International Journal of Robust and Nonlinear Control, 2021, 31, 7372-7389.	2.1	3
605	Hierarchical type stability and stabilization of networked control systems with event-triggered mechanism via canonical Bessel-Legendre inequalities. Journal of the Franklin Institute, 2021, 358, 6592-6611.	1.9	1
607	Delay-Dependent Output Feedback Control of Time-Delay LPV Systems. , 2012, , 279-299.		5
609	New Stability Analysis for Systems with Interval Time-varying Delay Based on Lyapunov Functional Method. Journal of Information and Computational Science, 2014, 11, 1843-1851.	0.1	1
610	Design of a Fuzzy Networked Control Systems. Priority Exchange Scheduling Algorithm. International Journal of Computers, Communications and Control, 2016, 11, 179.	1.2	5
611	Delay dependent stability of linear time-delay systems. Theoretical and Applied Mechanics, 2013, 40, 223-245.	0.1	4
612	Delay-dependent Stability for Systems with Fast-varying Neutral-type Delays via a PTVD Compensation. Zidonghua Xuebao/Acta Automatica Sinica, 2010, 36, 147-152.	0.3	20
613	Finite-time stabilization and H_∞ control of nonlinear delay systems via output feedback. Journal of Industrial and Management Optimization, 2015, 12, 303-315.	0.8	4
614	Stability and Robust H_∞ Control for Time-Delayed Systems with Parameter Uncertainties and Stochastic Disturbances. Journal of Electrical Engineering and Technology, 2016, 11, 200-214.	1.2	7
615	Reliable Control for Linear Dynamic Systems with Time-varying Delays and Randomly Occurring Disturbances. Transactions of the Korean Institute of Electrical Engineers, 2014, 63, 976-986.	0.1	4
616	LMI Stability Conditions for Neutral Time-delay Systems-An Approach from the Characteristic Equation. Transactions of the Institute of Systems Control and Information Engineers, 2005, 18, 292-297.	0.1	0
617	Robust H_∞ Disturbance Attenuation for Uncertain Systems with Time Varying Delay. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 613-617.	0.1	1
618	Robust H_∞ Filter Design for Uncertain Systems with Time Varying Delays. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 970-975.	0.1	0
619	Asymptotic Stability Analysis of Linear Time- Delay Systems: Delay Dependent Approach. , 0, , .		4
620	Absolute Stability of Lurie Systems with Time-delay Based on Augmented Lyapunov Functional. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 34, 1003-1007.	0.3	0
621	Stability of Systems with Time-Varying Delay. , 2010, , 41-71.		5
622	Three-Term Stabilization Schemes. , 2010, , 133-168.		0

#	ARTICLE	IF	CITATIONS
623	Delay-Dependent Switched Control. , 2010, , 169-219.		0
624	Stability of Systems with Multiple Delays. , 2010, , 73-92.		1
625	Time-Delay Systems: Recent Progress. , 2010, , 35-74.		0
627	H ∞ Control Design for Systems with Time-Varying Delay. , 2010, , 163-175.		0
628	Stability of Nonlinear Time-Delay Systems. , 2010, , 299-334.		1
629	Stabilization of Systems with Time-Varying Delay. , 2010, , 127-146.		0
630	Stability and Stabilization of NCSs. , 2010, , 263-275.		0
631	Decentralized Reliable Control. , 2010, , 309-390.		0
633	Mathematical Tools. , 2011, , 511-546.		0
635	Resilient Adaptive Control of Uncertain Time-Delay Systems. , 0, , .		0
636	H ∞ Control of Networked Control Systems via Discontinuous Lyapunov Functionals. Lecture Notes in Control and Information Sciences, 2012, , 429-440.	0.6	0
637	The LMI Approach in an Infinite-Dimensional Setting. Systems and Control: Foundations and Applications, 2014, , 23-41.	0.1	0
638	Sliding Mode Control for A Class of Uncertain Time-Delay Systems. Applied Mathematics and Information Sciences, 2015, 9, 267-273.	0.7	0
639	A Fuzzy Networked Control System Following Frequency Transmission Strategy. International Journal of Computers, Communications and Control, 2015, 11, 11.	1.2	0
640	Novel Stability Criterion for Neutral Systems with Mixed Time-Delay. , 2016, , .		0
641	Stability Analysis of Time-Delay Systems. Intelligent Systems Reference Library, 2018, , 33-123.	1.0	1
643	Stabilization of Time-Delay Systems. Intelligent Systems Reference Library, 2018, , 125-183.	1.0	0
644	State Feedback PI-Controller for Robust Stability Analysis and Stabilization of Input-Delayed Systems. International Journal of Electrical Energy, 2018, 6, 26-31.	0.4	0

#	ARTICLE	IF	CITATIONS
645	Basics and Preliminaries of Time-Delay Systems. , 2019, , 23-58.		0
646	Delay-Dependent State-Feedback Dissipative Control for Suspension Systems With Constraints Using a Generalized Free-Weighting-Matrix Method. IEEE Access, 2021, 9, 145573-145582.	2.6	0
647	Non-fragile robust exponential stabilisation and control for uncertain stochastic systems with non-linearity and mixed delays. IET Control Theory and Applications, 2020, 14, 1567-1574.	1.2	3
648	Robust PID Control of Second-Order Uncertain Nonlinear System with Time-Varying Delay: An Input-Output Approach. IFAC-PapersOnLine, 2021, 54, 70-75.	0.5	2
649	Basic mathematical tools. , 2022, , 327-387.		0
650	Mathematical Tools. Studies in Systems, Decision and Control, 2022, , 391-443.	0.8	0
651	A Feedback Control Method with Connected Vehicles in a Lattice Hydrodynamic Model at Highway On-Ramps. Journal of Advanced Transportation, 2022, 2022, 1-11.	0.9	0
652	Finite-time \mathcal{H}_∞ control of linear singular fractional differential equations with time-varying delay. IMA Journal of Mathematical Control and Information, 2022, 39, 773-788.	1.1	4
654	Fuzzy dynamic output feedback control for nonlinear networked multirate sampled-data systems: An integral inequality method. Fuzzy Sets and Systems, 2023, 452, 110-130.	1.6	1
655	Delay-Dependent Stability Analysis and Design of Input-delayed Systems by Smooth Sliding Mode Control: Lagrange Theorem Approach. WSEAS Transactions on Systems and Control, 2022, 17, 269-278.	0.5	0
656	Exponential stability of discrete-time systems with slowly time-varying delays. Nonlinear Analysis: Hybrid Systems, 2022, 46, 101246.	2.1	4
657	On the ellipsoidal bounds of the reachable set for a class of time-delayed nonlinear systems with bounded input. , 2022, , .		0
658	Robust PID Controller Design of Second-Order Uncertain Nonlinear Time-Varying Delay System. Studies in Systems, Decision and Control, 2022, , 181-198.	0.8	0
659	Robust stabilization for uncertain saturated systems with multiple time delays. AIMS Mathematics, 2022, 7, 19180-19201.	0.7	0
660	An improved reachable set estimation for time-delay linear systems with peak-bounded inputs and polytopic uncertainties via augmented zero equality approach. AIMS Mathematics, 2022, 8, 5816-5837.	0.7	0