Bin Zhou

List of Publications by Year
in descending order

230 papers	6,657 citations	57752 44 h-index	79691 73 g-index
233 all docs	233 docs citations	233 times ranked	2194 citing authors

#	Article	IF	Citations
1	optimal control of unknown continuous time linear periodic systems by adaptive dynamic programming with applications to magnetic attitude control. Optimal Control Applications and Methods, 2023, 44, 1341-1355.	2.1	3
2	A Linear Time-Varying Inequality Approach for Prescribed Time Stability and Stabilization. IEEE Transactions on Cybernetics, 2023, 53, 1880-1889.	9.5	14
3	Prescribed-Time Unknown Input Observers Design by Using Periodic Delayed Output With Application to Fault Estimation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 664-674.	9.3	8
4	Global Stabilization of the Spacecraft Rendezvous System by Delayed and Bounded Linear Feedback. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1373-1384.	9.3	9
5	Practical Prescribed-Time Sampled-Data Control of Linear Systems With Applications to the Air-Bearing Testbed. IEEE Transactions on Industrial Electronics, 2022, 69, 6152-6161.	7.9	11
6	Fixed-Time Stabilization of Linear Delay Systems by Smooth Periodic Delayed Feedback. IEEE Transactions on Automatic Control, 2022, 67, 557-573.	5.7	25
7	Event-Triggered and Self-Triggered Control of Discrete-Time Systems With Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1948-1957.	9.3	24
8	Prescribed-time stabilization of p-normal nonlinear systems by bounded time-varying feedback. International Journal of Robust and Nonlinear Control, 2022, 32, 421-450.	3.7	12
9	Finite-time output regulation by bounded linear time-varying controls with applications to the satellite formation flying. International Journal of Robust and Nonlinear Control, 2022, 32, 451-471.	3.7	9
10	A novel act-and-wait control scheme for fixed-time stabilization of input-delay systems and assignment of the monodromy matrix. International Journal of Robust and Nonlinear Control, 2022, 32, 987-1003.	3.7	4
11	Stabilisation of quadrotor aircraft with constrained controls. International Journal of Systems Science, 2022, 53, 1245-1259.	5.5	3
12	On hyper-exponential stability and stabilization of linear systems by bounded linear time-varying controllers. Journal of the Franklin Institute, 2022, 359, 1194-1214.	3.4	2
13	Bias-policy iteration based adaptive dynamic programming for unknown continuous-time linear systems. Automatica, 2022, 136, 110058.	5.0	13
14	Event-Triggered and Self-Triggered Gain Scheduled Control of Linear Systems With Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6452-6463.	9.3	8
15	Global Leader-Following Consensus of Double-Integrator Multiagent Systems by Fully Distributed Bounded Linear Protocols. IEEE Transactions on Automatic Control, 2022, 67, 4846-4853.	5.7	14
16	Finite-time stabilization of linear systems by bounded event-triggered and self-triggered control. Information Sciences, 2022, 597, 166-181.	6.9	11
17	Fully Actuated System Approaches: Theory and Applications. Journal of Systems Science and Complexity, 2022, 35, 437-440.	2.8	4
18	On the Role of Zeros in the Pole Assignment of Scalar High-Order Fully Actuated Linear Systems. Journal of Systems Science and Complexity, 2022, 35, 535-542.	2.8	5

#	ARTICLE	IF	CITATIONS
19	Fully Actuated System Approach for Linear Systems Control: A Frequency-Domain Solution. Journal of Systems Science and Complexity, 2022, 35, 2046-2061.	2.8	14
20	Bounded controls for discrete-time linear systems subject to input time delay. Journal of the Franklin Institute, 2022, 359, 4893-4914.	3.4	1
21	Modified general policy iteration based adaptive dynamic programming for unknown discrete‐time linear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 7149-7173.	3.7	6
22	Prescribed-Time Input-to-State Stabilization of Normal Nonlinear Systems by Bounded Time-Varying Feedback. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3715-3725.	5.4	9
23	Prescribed-time control of high-order nonholonomic systems in chained form by time-varying feedback. Systems and Control Letters, 2022, 166, 105307.	2.3	5
24	Global Stabilization of Discrete-Time Linear Systems Subject to Input Saturation and Time Delay. IEEE Transactions on Automatic Control, 2021, 66, 1345-1352.	5.7	17
25	Strong Stability Analysis of Linear Delay-Difference Equations With Multiple Time Delays. IEEE Transactions on Automatic Control, 2021, 66, 3741-3748.	5.7	6
26	Prescribed-Time Stabilization of a Class of Nonlinear Systems by Linear Time-Varying Feedback. IEEE Transactions on Automatic Control, 2021, 66, 6123-6130.	5.7	61
27	Event‐triggered and self‐triggered gain scheduling control of input constrained systems with applications to the spacecraft rendezvous. International Journal of Robust and Nonlinear Control, 2021, 31, 4629-4646.	3.7	13
28	H_∞ optimal control of unknown linear systems by adaptive dynamic programming with applications to time‐delay systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5602-5617.	3.7	11
29	On the time-varying Halanay inequality with applications to stability analysis of time-delay systems. Journal of the Franklin Institute, 2021, 358, 5488-5512.	3.4	13
30	Lyapunov differential equations and inequalities for stability and stabilization of linear time-varying systems. Automatica, 2021, 131, 109785.	5.0	9
31	Aero‐Engine DCS Fault‐Tolerant Control with Markov Time Delay Based On Augmented Adaptive Sliding Mode Observer. Asian Journal of Control, 2020, 22, 788-802.	3.0	7
32	Consensus of Discrete-Time Multiagent Systems With State, Input, and Communication Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4425-4437.	9.3	20
33	Finite-time stabilization of linear systems by bounded linear time-varying feedback. Automatica, 2020, 113, 108760.	5.0	87
34	Pole assignment of high-order linear systems with high-order time-derivatives in the input. Journal of the Franklin Institute, 2020, 357, 1437-1456.	3.4	13
35	On construction of Lyapunov functions for scalar linear time-varying systems. Systems and Control Letters, 2020, 135, 104591.	2.3	9
36	On linear quadratic optimal control of discrete‐time complex‐valued linear systems. Optimal Control Applications and Methods, 2020, 41, 499-520.	2.1	4

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37	Finite-time stability analysis and stabilization by bounded linear time-varying feedback. Automatica, 2020, 121, 109191.	5.0	84
38	Global Stabilization of the Discrete-Time Integrators System by Bounded Controls. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5175-5188.	5.4	3
39	On the fixed-time stabilization of input delay systems using act-and-wait control. Systems and Control Letters, 2020, 146, 104807.	2.3	8
40	Parametric Lyapunov equation based event‐triggered and self‐triggered control of input constrained linear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 6606-6626.	3.7	13
41	Further results on the construction of strict Lyapunov–Krasovskii functionals for time-varying time-delay systems. Journal of the Franklin Institute, 2020, 357, 8118-8136.	3.4	2
42	Bounded control of feedforward nonlinear systems subject to input time‐delay. International Journal of Robust and Nonlinear Control, 2020, 30, 5579-5601.	3.7	0
43	Pseudo predictor feedback stabilisation of linear systems with both state and input delays. International Journal of Control, 2020, , 1-11.	1.9	3
44	Data‐driven‐based attitude control of combined spacecraft with noncooperative target. International Journal of Robust and Nonlinear Control, 2019, 29, 5801-5819.	3.7	6
45	Design of pseudo-predictor feedback for neutral-type linear systems with both state and input delays. Automatica, 2019, 109, 108502.	5.0	12
46	On strong stability and robust strong stability of linear difference equations with two delays. Automatica, 2019, 110, 108610.	5.0	9
47	Construction of strict Lyapunov–Krasovskii functionals for time-varying time-delay systems. Automatica, 2019, 107, 382-397.	5.0	25
48	Regulation of linear systems with both pointwise and distributed input delays by memoryless feedback. Journal of the Franklin Institute, 2019, 356, 5172-5192.	3.4	5
49	Single-event upset prediction in static random access memory cell account for parameter variations. Science China Information Sciences, 2019, 62, 1.	4.3	2
50	Output feedback anti-disturbance control of input-delayed systems with time-varying uncertainties. Automatica, 2019, 104, 8-16.	5.0	19
51	On stability and stabilization of the linearized spacecraft attitude control system with bounded inputs. Automatica, 2019, 105, 448-452.	5.0	4
52	Pseudo Predictor Feedback Stabilization of Linear Systems with Both State and Input Delays*. , 2019, , .		1
53	Parametric Lyapunov Equation Based Event-Triggered and Self-Triggered Control of Discrete-Time Linear Systems. , 2019, , .		2
54	Design of Delayed Output Feedback of Linear Time-Varying Systems With Applications to Spacecraft Magnetic Attitude Control. , 2019, , .		0

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55	Data-Driven Based Quadratic Guaranteed Cost Control of Unknown Linear Time-Delay Systems. , 2019, , .		3
56	Bounded control of feedforward timeâ€delay systems with linearized systems consisting of chain of oscillators. International Journal of Robust and Nonlinear Control, 2019, 29, 283-305.	3.7	5
57	Consensus of Discrete-Time Multiagent Systems With Input Delays by Truncated Pseudo-Predictor Feedback. IEEE Transactions on Cybernetics, 2019, 49, 505-516.	9.5	17
58	Improved Razumikhin and Krasovskii stability criteria for time-varying stochastic time-delay systems. Automatica, 2018, 89, 382-391.	5.0	81
59	Global stabilization of the linearized three-axis axisymmetric spacecraft attitude control system by bounded linear feedback. Aerospace Science and Technology, 2018, 78, 33-42.	4.8	9
60	Improved Razumikhin and Krasovskii approaches for discrete-time time-varying time-delay systems. Automatica, 2018, 91, 256-269.	5.0	45
61	Spectral decomposition based solutions to the matrix equation. IET Control Theory and Applications, 2018, 12, 119-128.	2.1	3
62	Delayed output feedback of discreteâ€time timeâ€delay systems with applications to spacecraft rendezvous. IET Control Theory and Applications, 2018, 12, 828-836.	2.1	7
63	Global stabilization of feedforward nonlinear time-delay systems by bounded controls. Automatica, 2018, 88, 21-30.	5.0	50
64	On Bounded Control of A Class of Feedforward Nonlinear Time-Delay Systems. IFAC-PapersOnLine, 2018, 51, 89-93.	0.9	1
65	On the forward razumikhin approach for discrete-time time-varying time-delay systems. , 2018, , .		0
66	Stability analysis of linear time-varying time-delay systems by non-quadratic Lyapunov functions with indefinite derivatives. Systems and Control Letters, 2018, 122, 77-85.	2.3	14
67	Analysis and design of complex-valued linear systems. International Journal of Systems Science, 2018, 49, 3063-3081.	5.5	2
68	Solutions to linear bimatrix equations with applications to pole assignment of complex-valued linear systems. Journal of the Franklin Institute, 2018, 355, 7246-7280.	3.4	7
69	Global stabilization of discrete-time multiple integrators with bounded and delayed feedback. Automatica, 2018, 97, 306-315.	5.0	11
70	Delay compensation for linear systems with both state and distinct input delays. International Journal of Robust and Nonlinear Control, 2018, 28, 4455-4478.	3.7	6
71	Global stabilization of discreteâ€time feedforward timeâ€delay systems by bounded controls. International Journal of Robust and Nonlinear Control, 2018, 28, 4438-4454.	3.7	7
72	Global Stabilization of Linearized Spacecraft Rendezvous System by Saturated Linear Feedback. IEEE Transactions on Control Systems Technology, 2017, 25, 2185-2193.	5.2	29

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73	Input delay compensation for neutral type time-delay systems. Automatica, 2017, 78, 309-319.	5.0	31
74	Stability analysis of nonâ€linear timeâ€varying systems by Lyapunov functions with indefinite derivatives. IET Control Theory and Applications, 2017, 11, 1434-1442.	2.1	76
75	On Asymptotic Stability of Discrete-Time Linear Time-Varying Systems. IEEE Transactions on Automatic Control, 2017, 62, 4274-4281.	5.7	46
76	Extended observer based feedback control of linear systems with both state and input delays. Journal of the Franklin Institute, 2017, 354, 8232-8255.	3.4	27
77	Consensus of discrete-time multi-agent systems with state, input and communication delays. , 2017, , .		2
78	Magnetic attitude control of bias momentum spacecraft by bounded linear feedback. Aerospace Science and Technology, 2017, 70, 419-427.	4.8	12
79	Stabilization of linear systems with both input and state delays by observerâ€"predictors. Automatica, 2017, 83, 368-377.	5.0	59
80	Implementation of delayed output feedback for linear systems with multiple input delays. IET Control Theory and Applications, 2017, 11, 2028-2035.	2.1	8
81	Magnetic attitude control of bias momentum spacecraft by bounded linear feedback. , 2017, , .		1
82	Global Stabilization of Multiple Oscillator Systems by Delayed and Bounded Feedback. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 675-679.	3.0	9
83	Predictorâ€based output feedback control design for sampled systems with input delay subject to disturbance. IET Control Theory and Applications, 2017, 11, 3329-3340.	2.1	16
84	Analysis and design of complex-valued linear systems. , 2017, , .		2
85	Memoryless feedback control of discrete-time systems with multiple time-varying actuator delays. , 2017, , .		2
86	Delayed output feedback control of the spacecraft rendezvous system with actuator delays. , 2017, , .		1
87	Global stabilization of linear systems with bounded controls by the energy function with applications to the spacecraft rendezvous. , 2017, , .		5
88	Pseudoâ€predictor feedback control of discreteâ€time linear systems with a single input delay. International Journal of Robust and Nonlinear Control, 2016, 26, 2845-2863.	3.7	16
89	Observers based output feedback design for three-axis magnetic attitude control systems by bounded controls. , 2016, , .		0
90	On asymptotic stability of linear time-varying systems. Automatica, 2016, 68, 266-276.	5.0	179

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91	Delay compensation of discrete‐time linear systems by nested prediction. IET Control Theory and Applications, 2016, 10, 1824-1834.	2.1	23
92	Further results on global stabilization of the double integrator system by delayed and bounded controls. , 2016, , .		0
93	On nested predictor feedback for linear systems with both state and input delays. , 2016, , .		3
94	Razumikhin and Krasovskii stability theorems for time-varying time-delay systems. Automatica, 2016, 71, 281-291.	5.0	157
95	Stability Analysis of Integral Delay Systems With Multiple Delays. IEEE Transactions on Automatic Control, 2016, 61, 188-193.	5.7	14
96	Global Stabilization of the Multiple Integrators System by Delayed and Bounded Controls. IEEE Transactions on Automatic Control, 2016, 61, 4222-4228.	5.7	30
97	Finite-time stabilization of linear time-varying systems by piecewise constant feedback. Automatica, 2016, 68, 277-285.	5.0	46
98	Cost-efficient Acceleration of Hardware Trojan Detection Through Fan-Out Cone Analysis and Weighted Random Pattern Technique. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 792-805.	2.7	35
99	Stabilisation and consensus of linear systems with multiple input delays by truncated pseudo-predictor feedback. International Journal of Systems Science, 2016, 47, 328-342.	5.5	8
100	Control of discrete‐time periodic linear systems with input saturation via multi‐step periodic invariant sets. International Journal of Robust and Nonlinear Control, 2015, 25, 103-124.	3.7	5
101	Truncated Predictor Feedback for Periodic Linear Systems With Input Delays With Applications to the Elliptical Spacecraft Rendezvous. IEEE Transactions on Control Systems Technology, 2015, 23, 2238-2250.	5.2	29
102	On Lyapunov inequality characterizations and LMIs based approaches to the $L_\infty(l_\infty)$ and $L_2(l_2)$ semi-global stabilization. , 2015, , .		0
103	Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. Aerospace Science and Technology, 2015, 42, 442-450.	4.8	34
104	Global stabilization of periodic linear systems by bounded controls with applications to spacecraft magnetic attitude control. Automatica, 2015, 60, 145-154.	5.0	48
105	Input delay compensation of linear systems with both state and input delays by adding integrators. Systems and Control Letters, 2015, 82, 51-63.	2.3	29
106	On semi-global stabilization of linear periodic systems with control magnitude and energy saturations. Journal of the Franklin Institute, 2015, 352, 2204-2228.	3.4	14
107	Stability analysis of integral delay systems with multiple delays. , 2015, , .		0
108	Single-Event Upset Prediction in SRAMs Account for On-Transistor Sensitive Volume. IEEE Transactions on Nuclear Science, 2015, 62, 3207-3215.	2.0	12

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109	Pseudo-predictor feedback control of discrete-time linear systems with a single input delay. , 2015, , .		3
110	An analysis of the exponential stability of linear stochastic neutral delay systems. International Journal of Robust and Nonlinear Control, 2015, 25, 321-338.	3.7	19
111	On higher-order truncated predictor feedback for linear systems with input delay. International Journal of Robust and Nonlinear Control, 2014, 24, 2609-2627.	3.7	16
112	A Low Power Test-per-Clock BIST Scheme through Selectively Activating Multi Two-Bit TRCs. , 2014, , .		1
113	Robust gain scheduled control of spacecraft rendezvous system subject to input saturation. , 2014, , .		4
114	Truncated predictor feedback for periodic linear systems with input delays with applications to the elliptical spacecraft rendezvous. , 2014, , .		11
115	Consensus of delayed multi-agent systems by reduced-order observer-based truncated predictor feedback protocols. IET Control Theory and Applications, 2014, 8, 1741-1751.	2.1	16
116	Stabilization of Linear Time-Delay Systems by Higher-Order TPF. , 2014, , 179-198.		0
117	Lyapunov-Krasovskii functionals for predictor feedback control of linear systems with multiple input delays. , 2014, , .		0
118	Pseudo-predictor feedback stabilization of linear systems with time-varying input delays. , 2014, , .		0
119	Regional Stability and Stabilization of Time-Delay Systems with Actuator Saturation and Delay. Asian Journal of Control, 2014, 16, 845-855.	3.0	15
120	Consensus of delayed multi-agent systems by reduced-order observer based truncated predictor feedback protocols. , 2014, , .		2
121	Consensus of high-order multi-agent systems with large input and communication delays. Automatica, 2014, 50, 452-464.	5.0	262
122	Analysis of process variations impact on the single-event transient quenching in 65 nm CMOS combinational circuits. Science China Technological Sciences, 2014, 57, 322-331.	4.0	7
123	On robustness of predictor feedback control of linear systems with input delays. Automatica, 2014, 50, 1497-1506.	5.0	40
124	Towards positive definite solutions of a class of nonlinear matrix equations. Applied Mathematics and Computation, 2014, 237, 546-559.	2.2	12
125	Input delay compensation of linear systems with both state and input delays by nested prediction. Automatica, 2014, 50, 1434-1443.	5.0	90
126	Gain Scheduled Control of Linear Systems Subject to Actuator Saturation With Application to Spacecraft Rendezvous. IEEE Transactions on Control Systems Technology, 2014, 22, 2031-2038.	5.2	70

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127	Distributed and Truncated Reduced-Order Observer Based Output Feedback Consensus of Multi-Agent Systems. IEEE Transactions on Automatic Control, 2014, 59, 2264-2270.	5.7	97
128	Truncated Predictor Feedback Stabilization of Polynomially Unstable Linear Systems With Multiple Time-Varying Input Delays. IEEE Transactions on Automatic Control, 2014, 59, 2157-2163.	5.7	29
129	Lyapunov–Krasovskii functionals for predictor feedback control of linear systems with multiple input delays. Applied Mathematics and Computation, 2014, 244, 303-311.	2.2	8
130	Pseudo-predictor feedback stabilization of linear systems with time-varying input delays. Automatica, 2014, 50, 2861-2871.	5.0	57
131	Output feedback gain scheduled control of actuator saturated linear systems with applications to the spacecraft rendezvous. Journal of the Franklin Institute, 2014, 351, 5015-5033.	3.4	24
132	Truncated Predictor Feedback for Time-Delay Systems. , 2014, , .		98
133	Robust adaptive control for a class of cascaded nonlinear systems with applications to space interception. International Journal of Robust and Nonlinear Control, 2014, 24, 2048-2078.	3.7	7
134	Consensus of Multi-agent Systems with Large Input and Communication Delays. , 2014, , 273-325.		1
135	Applications of the Truncated Predictor Feedback to the Spacecraft Rendezvous and Formation Flying. , 2014, , 327-359.		0
136	Global Stabilization of Planar Systems with Input Delay and Saturation. , 2014, , 147-178.		0
137	Stabilization of Linear Systems with Input and Output Delays. , 2014, , 107-145.		0
138	Stabilization of Linear Systems with a Single Input Delay. , 2014, , 9-44.		0
139	Stabilization of Discrete-Time Systems with Input Delays. , 2014, , 199-235.		0
140	Stabilization of Linear Systems with Multiple and Distributed Input Delays. , 2014, , 45-80.		0
141	Stabilization of Linear Systems with Both State and Input Delays. , 2014, , 81-105.		0
142	Stabilization of Discrete-Time Systems with Input and Output Delays. , 2014, , 237-272.		1
143	Output feedback elliptical orbital rendezvous via state-dependent Riccati differential equations. IET Control Theory and Applications, 2013, 7, 1429-1436.	2.1	16
144	Analysis and design of discrete-time linear systems with nested actuator saturations. Systems and Control Letters, 2013, 62, 871-879.	2.3	92

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145	On exponential stability of integral delay systems. Automatica, 2013, 49, 3368-3376.	5.0	19
146	<i>L</i>_{â^ž} and <i>L</i>₂ semi-global stabilisation of continuous-time periodic linear systems with bounded controls. International Journal of Control, 2013, 86, 709-720.	1.9	31
147	Stabilization of Discrete-Time Systems With Multiple Actuator Delays and Saturations. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 389-400.	5.4	49
148	Discrete-time and norm vanishment and low gain feedback with their applications in constrained control. Automatica, 2013, 49, 111-123.	5.0	36
149	Positive definite solutions of the nonlinear matrix equation. <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi>X</mml:mi><mml:mo>+</mml:mo><mml:msup><mml:mrow><mml:mi>A</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>X</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="true">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow><mml:mrow><mml:mo>-</mml:mo><mml:mn>1</mml:mn> Applied Mathematics and Computation, 2013, 219, 7377-7391.	2.2	33
150	Stabilisation of time-varying linear systems via Lyapunov differential equations. International Journal of Control, 2013, 86, 332-347.	1.9	27
151	Observer based output feedback control of linear systems with input and output delays. Automatica, 2013, 49, 2039-2052.	5.0	90
152	On exponential stability of integral delay systems. , 2013, , .		0
153	Observer based output feedback control of linear systems with multiple input and output delays. , 2012, , .		16
154	Control of discrete-time periodic linear systems with input saturation via multi-step periodic invariant set. , 2012, , .		2
155	A Lyapunov Inequality Characterization of and a Riccati Inequality Approach to L_{infty} and L_{2} Low Gain Feedback. SIAM Journal on Control and Optimization, 2012, 50, 1-22.	2.1	4
156	Discrete-time l<inf>∞</inf> and l<inf>2</inf> norm vanishment and low gain feedback with their applications in constrained control. , 2012, , .		0
157	Truncated predictor feedback for linear systems with long time-varying input delays. Automatica, 2012, 48, 2387-2399.	5.0	253
158	Periodic Lyapunov Equation Based Approaches to the Stabilization of Continuous-Time Periodic Linear Systems. IEEE Transactions on Automatic Control, 2012, 57, 2139-2146.	5.7	79
159	Stabilization of some linear systems with both state and input delays. Systems and Control Letters, 2012, 61, 989-998.	2.3	52
160	Semi-global stabilization of linear time-delay systems with control energy constraint. Automatica, 2012, 48, 694-698.	5.0	23
161	Stabilization of linear systems with distributed input delay and input saturation. Automatica, 2012, 48, 712-724.	5.0	117
162	On Eigenvalue Sets and Convergence Rate of ItÃ´ Stochastic Systems With Markovian Switching. IEEE Transactions on Automatic Control, 2011, 56, 1118-1124.	5.7	16

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163	Parametric Lyapunov Equation Approach to Stabilization of Discrete-Time Systems With Input Delay and Saturation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2741-2754.	5.4	70
164	Stabilization of a Class of Linear Systems With Input Delay and the Zero Distribution of Their Characteristic Equations. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 388-401.	5.4	20
165	Lyapunov Differential Equation Approach to Elliptical Orbital Rendezvous with Constrained Controls. Journal of Guidance, Control, and Dynamics, 2011, 34, 345-358.	2.8	116
166	L_{∞} and L_{2} Low-Gain Feedback: Their Properties, Characterizations and Applications in Constrained Control. IEEE Transactions on Automatic Control, 2011, 56, 1030-1045.	5.7	55
167	On the Absolute Stability Approach to Quantized Hˆž Control**. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11290-11295.	0.4	0
168	Semi-Global Stabilization of Linear Time-Delay Systems with Input Energy Constraint. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 5106-5111.	0.4	0
169	On Semiglobal Stabilization of Discrete-Time Periodic Systems With Bounded Controls. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 452-456.	3.0	10
170	Stability and stabilization of discrete-time periodic linear systems with actuator saturation. Automatica, 2011, 47, 1813-1820.	5.0	77
171	Global stabilization of linear systems with bounded controls using state-dependent saturation functions. Journal of Systems Science and Complexity, 2011, 24, 477-490.	2.8	5
172	Positive operator based iterative algorithms for solving Lyapunov equations for ItÃ´ stochastic systems with Markovian jumps. Applied Mathematics and Computation, 2011, 217, 8179-8195.	2.2	27
173	An improved treatment of saturation nonlinearity with its application to control of systems subject to nested saturation. Automatica, 2011, 47, 306-315.	5.0	90
174	A parametric periodic Lyapunov equation with application in semi-global stabilization of discrete-time periodic systems subject to actuator saturation. Automatica, 2011, 47, 316-325.	5.0	117
175	Toward solution of matrix equation $X = Af(X)$ ... Linear Algebra and Its Applications, 2011, 435, 1370-1398.	1.0	31
176	A truncated prediction approach to stabilization of linear systems with long time-varying input delay. , 2011, , .		15
177	Unified parametrization for the solutions to the polynomial diophantine matrix equation and the generalized Sylvester matrix equation. International Journal of Control, Automation and Systems, 2010, 8, 29-35.	2.7	10
178	Full delayed state feedback pole assignment of discrete‐time time‐delay systems. Optimal Control Applications and Methods, 2010, 31, 155-169.	2.1	24
179	On the absolute stability approach to quantized feedback control. Automatica, 2010, 46, 337-346.	5.0	81
180	Global stabilization and restricted tracking with bounded feedback for multiple oscillator systems. Systems and Control Letters, 2010, 59, 414-422.	2.3	23

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181	Least squares solution with the minimum-norm to general matrix equations via iteration. Applied Mathematics and Computation, 2010, 215, 3547-3562.	2.2	45
182	On unified concepts of detectability and observability for continuous-time stochastic systems. Applied Mathematics and Computation, 2010, 217, 521-536.	2.2	20
183	Robust global stabilization of linear systems with input saturation via gain scheduling. International Journal of Robust and Nonlinear Control, 2010, 20, 424-447.	3.7	38
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