

# Zongli Lin

## List of Publications by Year in descending order

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499  
papers

18,863  
citations

15466

65  
h-index

18606

119  
g-index

505  
all docs

505  
docs citations

505  
times ranked

6159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Local and Global Stabilization of Switched Linear Systems With Actuator Saturation. IEEE Transactions on Automatic Control, 2023, 68, 1192-1199.	3.6	1
2	Adaptive Dynamic Programming for Model-Free Global Stabilization of Control Constrained Continuous-Time Systems. IEEE Transactions on Cybernetics, 2022, 52, 1048-1060.	6.2	14
3	Reinforcement Learning Based Optimal Tracking Control Under Unmeasurable Disturbances With Application to HVAC Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7523-7533.	7.2	14
4	An Event-Triggered Observer and Its Applications in Cooperative Control of Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 3647-3654.	3.6	24
5	State-of-Charge Balancing for Battery Energy Storage Systems in DC Microgrids by Distributed Adaptive Power Distribution. , 2022, 6, 512-517.		14
6	Semi-global stabilisation of fractional-order linear systems with actuator saturation by output feedback. International Journal of Systems Science, 2022, 53, 1125-1137.	3.7	2
7	PID Control of Planar Nonlinear Uncertain Systems in the Presence of Actuator Saturation. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 90-98.	8.5	8
8	Low gain feedback for fractional-order linear systems and semi-global stabilization in the presence of actuator saturation. Nonlinear Dynamics, 2022, 107, 3485-3504.	2.7	4
9	Co-design of linear low-and-high gain feedback and high gain observer for suppression of effects of peaking on semi-global stabilization. Automatica, 2022, 137, 110124.	3.0	4
10	Leader-Following Almost Output Consensus for Linear Heterogeneous Multiagent Systems With Disturbance-Affected Unstable Zero Dynamics by Output Feedback. IEEE Transactions on Control of Network Systems, 2022, 9, 1281-1293.	2.4	2
11	CAT: Centerness-Aware Anchor-Free Tracker. Sensors, 2022, 22, 354.	2.1	2
12	Suboptimal output consensus of a group of discrete-time heterogeneous linear non-minimum phase systems. Systems and Control Letters, 2022, 161, 105134.	1.3	2
13	Dynamic Event-Triggered Distributed Secondary Control of DC Microgrids. IEEE Transactions on Power Electronics, 2022, 37, 10226-10238.	5.4	17
14	Distributed Dynamic Event-Triggered Control of Power Buffers in DC Microgrids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7748-7759.	5.9	12
15	Data-Driven Formation Control for Multiple Heterogeneous Vehicles in Air-Ground Coordination. IEEE Transactions on Control of Network Systems, 2022, 9, 1851-1862.	2.4	6
16	Semi-global weighted output average tracking of heterogeneous multi-agent systems in the presence of actuator saturation and external disturbances. International Journal of Robust and Nonlinear Control, 2022, 32, 7431-7452.	2.1	3
17	Computational Models Based on Synchronized Oscillators for Solving Combinatorial Optimization Problems. Physical Review Applied, 2022, 17, .	1.5	4
18	PID Control for Synchronization of Complex Dynamical Networks With Directed Topologies. IEEE Transactions on Cybernetics, 2021, 51, 1334-1346.	6.2	40

#	ARTICLE	IF	CITATIONS
19	Optimal control of a two-wheeled self-balancing robot by reinforcement learning. International Journal of Robust and Nonlinear Control, 2021, 31, 1885-1904.	2.1	19
20	Truncated Predictor Based Feedback Designs for Linear Systems with Input Delay. Control Engineering, 2021, , .	0.3	5
21	A Memoryless Delay-Adaptive Feedback Law for the Regulation of Discrete-Time Linear Systems. SIAM Journal on Control and Optimization, 2021, 59, 2756-2773.	1.1	0
22	Computational Intelligence in Uncertainty Quantification for Learning Control and Differential Games. Studies in Systems, Decision and Control, 2021, , 385-418.	0.8	0
23	Reinforcement Learning for Optimal Adaptive Control of Time Delay Systems. Studies in Systems, Decision and Control, 2021, , 215-242.	0.8	0
24	Distributed Cooperative Control of Battery Energy Storage Systems in DC Microgrids. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 606-616.	8.5	30
25	Cancer diagnosis using generative adversarial networks based on deep learning from imbalanced data. Computers in Biology and Medicine, 2021, 135, 104540.	3.9	34
26	A delay-independent output feedback law for discrete-time linear systems with bounded unknown input delay. International Journal of Robust and Nonlinear Control, 2021, 31, 1735-1754.	2.1	4
27	Stabilization of Switched Time-Delay Linear Systems through a State-Dependent Switching Strategy. Actuators, 2021, 10, 261.	1.2	1
28	Truncated Predictor Feedback for Continuous-Time Linear Systems. Control Engineering, 2021, , 29-73.	0.3	0
29	Truncated Predictor Feedback for Discrete-Time Linear Systems. Control Engineering, 2021, , 75-115.	0.3	0
30	Truncated Predictor Feedback for General Linear Systems. Control Engineering, 2021, , 117-147.	0.3	0
31	Delay Independent Truncated Predictor Feedback for Continuous-Time Linear Systems. Control Engineering, 2021, , 149-218.	0.3	0
32	Regulation of Continuous-Time Linear Input Delayed Systems Without Delay Knowledge. Control Engineering, 2021, , 253-301.	0.3	0
33	Reinforcement Learning-Based Linear Quadratic Regulation of Continuous-Time Systems Using Dynamic Output Feedback. IEEE Transactions on Cybernetics, 2020, 50, 4670-4679.	6.2	53
34	FAST: Fast and Accurate Scale Estimation for Tracking. IEEE Signal Processing Letters, 2020, 27, 161-165.	2.1	11
35	Output feedback adaptive dynamic programming for linear differential zero-sum games. Automatica, 2020, 122, 109272.	3.0	24
36	Stabilization of linear systems with time-varying input delay by event-triggered delay independent truncated predictor feedback. International Journal of Robust and Nonlinear Control, 2020, 30, 5134-5156.	2.1	11

#	ARTICLE	IF	CITATIONS
37	Global consensus of multi-agent systems with intermittent directed communication in the presence of actuator saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 8469-8484.	2.1	6
38	Almost output consensus of nonlinear multiagent systems in the presence of external disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 7355-7369.	2.1	3
39	Fractional-Order Surge Control of Active Magnetic Bearings Suspended Compressor. <i>Actuators</i> , 2020, 9, 75.	1.2	4
40	Almost Output Consensus of Nonlinear Multi-Agent Systems in the Presence of External Disturbances. , 2020, , .		0
41	Delay Independent Output Feedback Stabilization of Discrete-time Linear Systems with Bounded Input Delay. , 2020, , .		1
42	Leader-following almost output consensus for linear multi-agent systems with disturbance-affected unstable zero dynamics. <i>Systems and Control Letters</i> , 2020, 145, 104787.	1.3	4
43	Suboptimal output consensus for a group of weakly nonminimum phase linear systems. <i>Automatica</i> , 2020, 119, 109084.	3.0	7
44	An exploration of the Razumikhin stability theorem with applications in stabilization of delay systems. <i>Automatica</i> , 2020, 119, 109082.	3.0	4
45	Regional consensus of linear differential inclusions subject to input saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 2461-2474.	2.1	4
46	SITUP: Scale Invariant Tracking Using Average Peak-to-Correlation Energy. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 3546-3557.	6.0	28
47	Coordinated Control in the Presence of Actuator Saturation for Multiple High-Speed Trains in the Moving Block Signaling System Mode. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 8054-8064.	3.9	26
48	Semi-Global Stabilization of a Single Input Single Output Nonlinear System by Linear Low-and-High Gain Output Feedback. , 2020, , .		0
49	Consensus of Linear Multi-Agent Systems in the Presence of Bounded Measurement Noises. , 2020, , .		1
50	Optimal Control of a Two-Wheeled Self-Balancing Robot by Reinforcement Q-learning. , 2020, , .		5
51	TARA: Tracking with Aspect Ratio Adaptability. , 2020, , .		0
52	Stabilization of Discrete-Time Linear Systems With an Unknown Time-Varying Delay by Switched Low-Gain Feedback. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 2069-2076.	3.6	15
53	Simulated Shock Train Control using an All-Coefficient Adaptive Control Approach. , 2019, , .		2
54	Consensus of second-order multi-agent systems under unknown but bounded measurement noises. <i>Systems and Control Letters</i> , 2019, 133, 104517.	1.3	11

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55	Event-triggered global stabilization of general linear systems with bounded controls. <i>Automatica</i> , 2019, 107, 241-254.	3.0	28
56	A survey of distributed optimization. <i>Annual Reviews in Control</i> , 2019, 47, 278-305.	4.4	427
57	Distributed Event-Triggered Secondary Voltage Control for Microgrids With Time Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 1582-1591.	5.9	61
58	On PID control for synchronization of complex dynamical network with delayed nodes. <i>Science China Technological Sciences</i> , 2019, 62, 1412-1422.	2.0	18
59	Regulation of Linear Input Delayed Systems without Delay Knowledge. <i>SIAM Journal on Control and Optimization</i> , 2019, 57, 999-1022.	1.1	11
60	An iterative Q-learning scheme for the global stabilization of discrete-time linear systems subject to actuator saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 2660-2672.	2.1	16
61	Experience replay-based output feedback Q-learning scheme for optimal output tracking control of discrete-time linear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019, 33, 1825-1842.	2.3	6
62	Distributed Cooperative Cruise Control of Multiple High-Speed Trains Under a State-Dependent Information Transmission Topology. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019, 20, 2750-2763.	4.7	53
63	M-PCM-OFFD: An effective output statistics estimation method for systems of high dimensional uncertainties subject to low-order parameter interactions. <i>Mathematics and Computers in Simulation</i> , 2019, 159, 93-118.	2.4	7
64	On robustness of an AMB suspended energy storage flywheel platform under characteristic model based all-coefficient adaptive control laws. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019, 20, 120-130.	1.5	8
65	Stabilization of discrete-time linear systems by delay independent truncated predictor feedback. <i>Control Theory and Technology</i> , 2019, 17, 112-118.	1.0	5
66	Model-Free Optimal Stabilization of Unknown Time Delay Systems Using Adaptive Dynamic Programming. , 2019, , .		4
67	Model-Free Global Stabilization of Continuous-Time Linear Systems with Saturating Actuators Using Adaptive Dynamic Programming. , 2019, , .		1
68	Semi-Global Output Containment Control for a Group of Heterogeneous Discrete-time Linear Systems with Input Saturation. , 2019, , .		2
69	Regional Consensus of Linear Differential Inclusions with Input Saturation. , 2019, , .		2
70	Output feedback reinforcement learning based optimal output synchronisation of heterogeneous discrete-time multi-agent systems. <i>IET Control Theory and Applications</i> , 2019, 13, 2866-2876.	1.2	9
71	Vehicle Following in Intelligent Multi-Vehicle Systems Based on SSD-MobileNet. , 2019, , .		3
72	Vision-based Tracking by a Quadrotor on ROS. <i>Unmanned Systems</i> , 2019, 07, 233-244.	2.7	6

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73	Global Consensus of Multi-Agent Systems with Intermittent Directed Communication in the Presence of Actuator Saturation. , 2019, , .		1
74	Distributed Cooperative Control of a High-speed Train. , 2019, , .		1
75	Stabilization of Linear Systems with Input Delay by Event-Triggered Delay Independent Truncated Predictor Feedback. , 2019, , .		2
76	Global optimal consensus for higher-order multi-agent systems with bounded controls. Automatica, 2019, 99, 301-307.	3.0	67
77	Control design in the presence of actuator saturation: from individual systems to multi-agent systems. Science China Information Sciences, 2019, 62, 1.	2.7	27
78	A Further Result on Semi-global Stabilization of Minimum-Phase Input-Output Linearizable Nonlinear Systems by Linear Partial State Feedback. IEEE Transactions on Automatic Control, 2019, 64, 3492-3497.	3.6	2
79	Global stabilisation of discrete-time linear systems using event-triggered bounded controls. IET Control Theory and Applications, 2019, 13, 1355-1366.	1.2	1
80	Connectivity enhancing coordinated tracking control of multi-agent systems with a state-dependent jointly-connected dynamic interaction topology. Automatica, 2019, 101, 431-438.	3.0	17
81	Output Feedback Q-Learning Control for the Discrete-Time Linear Quadratic Regulator Problem. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1523-1536.	7.2	60
82	Time-varying low gain feedback for linear systems with unknown input delay. Systems and Control Letters, 2019, 123, 98-107.	1.3	18
83	On the Structural Perspective of Computational Effectiveness for Quantized Consensus in Layered UAV Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 276-288.	2.4	20
84	Adaptation in truncated predictor feedback to overcome uncertainty in the delay. International Journal of Robust and Nonlinear Control, 2018, 28, 3127-3139.	2.1	3
85	Global leader-following consensus of a group of discrete-time neutrally stable linear systems by event-triggered bounded controls. Information Sciences, 2018, 459, 302-316.	4.0	12
86	Event-triggered constrained control of positive systems with input saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 3532-3542.	2.1	36
87	Event-triggered global leader-following consensus of a group of neutrally stable linear systems subject to input saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 3376-3391.	2.1	6
88	A delay-independent output feedback for linear systems with time-varying input delay. International Journal of Robust and Nonlinear Control, 2018, 28, 2950-2960.	2.1	11
89	Stability and Performance of Control Systems with Actuator Saturation. Control Engineering, 2018, , .	0.3	36
90	Robust Semi-Global Leaderless Consensus and Containment Control of Identical Linear Systems with Imperfect Actuators. Journal of Systems Science and Complexity, 2018, 31, 69-86.	1.6	11

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91	A Multiple Lyapunov Function Approach to Distributed Synchronization Control of Multi-Agent Systems With Switching Directed Communication Topologies and Unknown Nonlinearities. IEEE Transactions on Control of Network Systems, 2018, 5, 23-33.	2.4	14
92	An asymmetric Lyapunov function for linear systems with asymmetric actuator saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 1624-1640.	2.1	27
93	A deep learning-based multi-model ensemble method for cancer prediction. Computer Methods and Programs in Biomedicine, 2018, 153, 1-9.	2.6	333
94	Stability criteria of linear systems with multiple input delays under truncated predictor feedback. Systems and Control Letters, 2018, 111, 9-17.	1.3	10
95	Identification of dynamic parameters of active magnetic bearings in a flexible rotor system considering residual unbalances. Mechatronics, 2018, 49, 46-55.	2.0	23
96	Convex Hull Representations. Control Engineering, 2018, , 11-61.	0.3	1
97	The Maximal Contractively Invariant Ellipsoids. Control Engineering, 2018, , 63-109.	0.3	0
98	Composite Quadratic Lyapunov Functions. Control Engineering, 2018, , 111-155.	0.3	1
99	Disturbance Tolerance and Rejection. Control Engineering, 2018, , 157-198.	0.3	0
100	Partitioning of the Convex Hull. Control Engineering, 2018, , 199-238.	0.3	1
101	Control Systems with an Algebraic Loop. Control Engineering, 2018, , 239-285.	0.3	0
102	Generalized Piecewise Quadratic Lyapunov Functions. Control Engineering, 2018, , 287-334.	0.3	0
103	Linear Systems with Asymmetric Saturation. Control Engineering, 2018, , 335-355.	0.3	0
104	Model-Free Global Stabilization of Discrete-Time Linear Systems with Saturating Actuators Using Reinforcement Learning. , 2018, , .		2
105	Regulation of Linear Input Delayed Systems in the Absence of Delay Knowledge. , 2018, , .		0
106	Semi-Global Leader-Following Output Consensus of Discrete-Time Linear Multi-Agent Systems with Input Saturation. , 2018, , .		3
107	Global Leader-Following Consensus of a Group of Discrete-Time Neutrally Stable Linear Systems with Actuator Saturation by Event-Triggered Controls: The State Feedback Case. , 2018, , .		0
108	Breast Cancer Diagnosis Using an Unsupervised Feature Extraction Algorithm Based on Deep Learning. , 2018, , .		15

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109	Semi-Global Output Containment Control of Linear Multi-Agent Systems with Actuator Saturation. , 2018, , .		2
110	A Delay Independent Output Feedback Law for Linear Systems with Time-Varying Input Delay. , 2018, , .		2
111	A semi-supervised deep learning method based on stacked sparse auto-encoder for cancer prediction using RNA-seq data. Computer Methods and Programs in Biomedicine, 2018, 166, 99-105.	2.6	70
112	Characteristic model based all-coefficient adaptive control of an AMB suspended energy storage flywheel test rig. Science China Information Sciences, 2018, 61, 1.	2.7	8
113	Conditions for Global Asymptotic Stabilizability of the Double Integrator System with Output Saturation. , 2018, , .		1
114	OSLO: Automatic Cell Counting and Segmentation for Oligodendrocyte Progenitor Cells. , 2018, , .		7
115	Design of Distributed Observers in the Presence of Arbitrarily Large Communication Delays. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4447-4461.	7.2	24
116	Semi-global leader-following output consensus of heterogeneous multi-agent systems with input saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 4916-4930.	2.1	41
117	Global optimal consensus for discrete-time multi-agent systems with bounded controls. Automatica, 2018, 97, 182-185.	3.0	39
118	Output Feedback Optimal Tracking Control Using Reinforcement Q-Learning. , 2018, , .		7
119	Output Feedback Reinforcement Learning Control for the Continuous-Time Linear Quadratic Regulator Problem. , 2018, , .		4
120	Semi-Global Leader-Following Output Consensus of Multi-Agent Systems with Input Saturation: The State Feedback Case. , 2018, , .		0
121	Output feedback Q-learning for discrete-time linear zero-sum games with application to the H-infinity control. Automatica, 2018, 95, 213-221.	3.0	85
122	Characterization of DNA Methylation Associated Gene Regulatory Networks During Stomach Cancer Progression. Frontiers in Genetics, 2018, 9, 711.	1.1	8
123	A Truncated Prediction Approach to Consensus Control of Lipschitz Nonlinear Multiagent Systems With Input Delay. IEEE Transactions on Control of Network Systems, 2017, 4, 716-724.	2.4	87
124	Global optimal consensus for multi-agent systems with bounded controls. Systems and Control Letters, 2017, 102, 104-111.	1.3	79
125	Consensus of a class of discrete-time nonlinear multi-agent systems in the presence of communication delays. ISA Transactions, 2017, 71, 10-20.	3.1	28
126	Discrete-time global leader-following consensus of a group of general linear systems using bounded controls. International Journal of Robust and Nonlinear Control, 2017, 27, 3433-3465.	2.1	17



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127	Maximum delay bounds of linear systems under delay independent truncated predictor feedback. Automatica, 2017, 83, 65-72.	3.0	30
128	Truncated Predictor Control of Lipschitz Nonlinear Systems With Time-Varying Input Delay. IEEE Transactions on Automatic Control, 2017, 62, 5324-5330.	3.6	41
129	The maximal contractively invariant ellipsoids for discrete-time linear systems under saturated linear feedback. Automatica, 2017, 76, 336-344.	3.0	13
130	Event-Triggered Global Stabilization of Neutrally Stable Linear Systems with Actuator Saturation. IFAC-PapersOnLine, 2017, 50, 11841-11846.	0.5	9
131	Multi-leader multi-follower coordination with cohesion, dispersion, and containment control via proximity graphs. Science China Information Sciences, 2017, 60, 1.	2.7	22
132	Distributed virtual leader tracking of multi-agent systems with second order agent dynamics under a state dependent jointly connected topology. , 2017, , .		3
133	Global stabilization of a chain of integrators by a switching event-triggered bounded control. , 2017, , .		2
134	On the estimation of the domain of consensus for discrete-time multi-agent systems subject to actuator saturation. , 2017, , .		1
135	Design of high performance linear feedback laws for operation that extends into the nonlinear region of AMB systems. Control Theory and Technology, 2017, 15, 301-315.	1.0	3
136	Robust semi-global leader-following practical consensus of a group of linear systems with imperfect actuators. Science China Information Sciences, 2017, 60, 1.	2.7	17
137	Regional leader-following consensus of multi-agent systems with saturating actuators. , 2017, , .		5
138	Output feedback reinforcement Q-learning control for the discrete-time linear quadratic regulator problem. , 2017, , .		22
139	Stability and Performance Analysis of Saturated Systems Using an Enhanced Max Quadratic Lyapunov Function * *This work was supported in part by the National Natural Science Foundation of China under Grant No. 61603250, in part by the Shanghai Natural Science Foundation under Grant No. 17ZR1445400, and in part by the China Postdoctoral Science Foundation under Grant Nos. 2015M580332 and 2016T00072.. IFAC-PapersOnLine, 2017, 50, 11447-11452.	0.5	1
140	Vision-based Tracking by a Quadrotor on ROS * *This work was supported in part by the U.S. Army Research Office under grant W911NF1510275.. IFAC-PapersOnLine, 2017, 50, 11447-11452.	0.5	5
141	Robust semi-global containment control of identical linear systems with imperfect actuators. , 2017, , .		0
142	Event-triggered semi-global stabilization of linear systems subject to output saturation. , 2017, , .		3
143	Identification of Biomarkers for Predicting Lymph Node Metastasis of Stomach Cancer Using Clinical DNA Methylation Data. Disease Markers, 2017, 2017, 1-7.	0.6	31
144	Fractional Order PID Control of Rotor Suspension by Active Magnetic Bearings. Actuators, 2017, 6, 4.	1.2	30

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145	Event-triggered global stabilization of discrete-time linear systems using bounded controls. , 2017, , .		5
146	Delay independent truncated predictor feedback for stabilization of linear systems with multiple time-varying input delays. , 2017, , .		6
147	Event-triggered global leader-following consensus for multi-agent systems with bounded controls. , 2017, , .		4
148	Discrete-time global leader-following consensus of a group of general linear systems using bounded controls: The state feedback case. , 2016, , .		1
149	Robust output regulation of linear time-delay systems: A state predictor approach. International Journal of Robust and Nonlinear Control, 2016, 26, 1686-1704.	2.1	15
150	Reaching consensus in unbalanced networks with coarse information communication. International Journal of Robust and Nonlinear Control, 2016, 26, 2153-2168.	2.1	1
151	Semi-global output consensus of a group of linear systems in the presence of external disturbances and actuator saturation: An output regulation approach. International Journal of Robust and Nonlinear Control, 2016, 26, 1353-1375.	2.1	37
152	Design of distributed observers with arbitrarily large communication delays. , 2016, , .		1
153	Emerging Behavioral Consensus of Evolutionary Dynamics on Complex Networks. SIAM Journal on Control and Optimization, 2016, 54, 3258-3272.	1.1	37
154	On the delay bounds of discrete-time linear systems under delay independent truncated predictor feedback. , 2016, , .		5
155	Decentralized global robust output regulation for nonlinear multi-agent systems in the output feedback form with arbitrarily large uncertainty. , 2016, , .		0
156	Robust stabilization of input constrained uncertain systems with nonhomogeneous Markov switching. , 2016, , .		1
157	Consensus of Multi-Agent Systems with Control-Affine Nonlinear Dynamics. Unmanned Systems, 2016, 04, 61-73.	2.7	7
158	Consensus of multi-agent systems with control-affine nonlinear dynamics. , 2016, , .		1
159	An output regulation approach to rotor autobalancing in active magnetic bearing systems with input delay. , 2016, , .		2
160	Stabilization of exponentially unstable discrete-time linear systems by truncated predictor feedback. Systems and Control Letters, 2016, 97, 27-35.	1.3	15
161	Global optimal consensus of multi-agent systems with bounded controls. , 2016, , .		0
162	On the estimation of the domain of attraction for linear systems with asymmetric actuator saturation via asymmetric Lyapunov functions. , 2016, , .		18

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163	Stabilization of exponentially unstable linear systems with multiple input delays by truncated predictor feedback. , 2016, , .		1
164	Robust semi-global leader-following consensus of linear multi-agent systems with imperfect actuators. , 2016, , .		0
165	Unbalance compensation for AMB systems with input delay: An output regulation approach. Control Engineering Practice, 2016, 46, 166-175.	3.2	18
166	A platform for analysis and control design: Emulation of energy storage flywheels on a rotor-AMB test rig. Mechatronics, 2016, 33, 146-160.	2.0	15
167	Noise Reduction by Swarming in Social Foraging. IEEE Transactions on Automatic Control, 2016, 61, 4007-4013.	3.6	11
168	Learning automata for image segmentation. Pattern Recognition Letters, 2016, 74, 46-52.	2.6	15
169	Truncated Predictor Feedback Control for Active Magnetic Bearing Systems With Input Delay. IEEE Transactions on Control Systems Technology, 2016, 24, 2182-2189.	3.2	6
170	Global leader-following consensus of a group of general linear systems using bounded controls. Automatica, 2016, 68, 294-304.	3.0	99
171	Truncated Prediction Output Feedback Control of a Class of Lipschitz Nonlinear Systems With Input Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 788-792.	2.2	26
172	A switching anti-windup design based on partitioning of the input space. Systems and Control Letters, 2016, 88, 39-46.	1.3	18
173	Large scale gene regulatory network inference with a multi-level strategy. Molecular BioSystems, 2016, 12, 588-597.	2.9	26
174	A rotor unbalance response based approach to the identification of the closed-loop stiffness and damping coefficients of active magnetic bearings. Mechanical Systems and Signal Processing, 2016, 66-67, 665-678.	4.4	38
175	Convergence Rate for Discrete-Time Multiagent Systems With Time-Varying Delays and General Coupling Coefficients. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 178-189.	7.2	29
176	An LMI Approach to Control of Exponentially Unstable Systems Subject to Saturation and Time-Varying Delay in the Input. Advances in Delays and Dynamics, 2016, , 367-384.	0.4	1
177	Distributed Synchronization Control of Multiagent Systems With Unknown Nonlinearities. IEEE Transactions on Cybernetics, 2016, 46, 325-338.	6.2	75
178	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.	2.1	5
179	Semi-global leader-following consensus of multiple linear systems with position and rate limited actuators. International Journal of Robust and Nonlinear Control, 2015, 25, 2083-2100.	2.1	48
180	On distributed consensus control of higher-order systems with dynamically changing directed interaction topologies. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
181	Distributed synchronization control of multi-agent systems with switching directed communication topologies and unknown nonlinearities. , 2015, , .		0
182	On the delay bounds of linear systems under delay independent truncated predictor feedback: The state feedback case. , 2015, , .		5
183	A simulation platform for characteristic model-based adaptive control systems. , 2015, , .		0
184	Stability and performance analysis of saturated systems via partitioning of the virtual input space. Automatica, 2015, 53, 85-93.	3.0	22
185	Predictor based control of linear systems with state, input and output delays. Automatica, 2015, 53, 385-391.	3.0	28
186	A grid-based tracker for erratic targets. Pattern Recognition, 2015, 48, 3527-3541.	5.1	2
187	Distributed Consensus Control of Multi-agent Systems with Higher Order Agent Dynamics and Dynamically Changing Directed Interaction Topologies. IEEE Transactions on Automatic Control, 2015, , 1-1.	3.6	31
188	A system level analysis of gastric cancer across tumor stages with RNA-seq data. Molecular BioSystems, 2015, 11, 1925-1932.	2.9	11
189	A Generalized Piecewise Quadratic Lyapunov Function Approach to Estimating the Domain of Attraction of a Saturated System—This work was supported in part by the National Natural Science Foundation of China under Grant Nos. 61221003 and 61273105.. IFAC-PapersOnLine, 2015, 48, 120-125.	0.5	14
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