Zongli Lin

List of Publications by Year in Descending Order

387 papers	13,227 citations	58 h-index	104 g-index
505 ext. papers	16,755 ext. citations	3.8 avg, IF	7.11 L-index

#	Paper	IF	Citations
387	Leader-Following Almost Output Consensus for Linear Heterogeneous Multi-Agent Systems with Disturbance-Affected Unstable Zero Dynamics by Output Feedback. *IEEE Transactions on Control of Network Systems*, **2022**, 1-1	4	0
386	Suboptimal output consensus of a group of discrete-time heterogeneous linear non-minimum phase systems. *Systems and Control Letters*, **2022**, 161, 105134	2.4	0
385	Local and Global Stabilization of Switched Linear Systems with Actuator Saturation. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	
384	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	5.7	0
383	PID Control of Planar Nonlinear Uncertain Systems in the Presence of Actuator Saturation. *IEEE/CAA Journal of Automatica Sinica*, **2022**, 9, 90-98	7	1
382	State-of-Charge Balancing for Battery Energy Storage Systems in DC Microgrids by Distributed Adaptive Power Distribution **2022**, 6, 512-517		4
381	Dynamic Event-Triggered Distributed Secondary Control of DC Microgrids. *IEEE Transactions on Power Electronics*, **2022**, 1-1	7.2	0
380	Distributed Dynamic Event-Triggered Control of Power Buffers in DC Microgrids. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-12	7.3	
379	Truncated Predictor Feedback for Continuous-Time Linear Systems. *Control Engineering*, **2021**, 29-73	1	
378	Truncated Predictor Feedback for Discrete-Time Linear Systems. *Control Engineering*, **2021**, 75-115	1	
377	Truncated Predictor Feedback for General Linear Systems. *Control Engineering*, **2021**, 117-147	1	
376	Delay Independent Truncated Predictor Feedback for Continuous-Time Linear Systems. *Control Engineering*, **2021**, 149-218	1	
375	Delay Independent Truncated Predictor Feedback for Discrete-Time Linear Systems. *Control Engineering*, **2021**, 219-252	1	
374	Regulation of Continuous-Time Linear Input Delayed Systems Without Delay Knowledge. *Control Engineering*, **2021**, 253-301	1	
373	Regulation of Discrete-Time Linear Input Delayed Systems Without Delay Knowledge. *Control Engineering*, **2021**, 303-340	1	
372	Stabilization of Switched Time-Delay Linear Systems through a State-Dependent Switching Strategy. *Actuators*, **2021**, 10, 261	2.4	0
371	Distributed Cooperative Control of Battery Energy Storage Systems in DC Microgrids. *IEEE/CAA Journal of Automatica Sinica*, **2021**, 8, 606-616	7	8

370	PID Control for Synchronization of Complex Dynamical Networks With Directed Topologies. *IEEE Transactions on Cybernetics*, **2021**, 51, 1334-1346	10.2	16
369	Optimal control of a two-wheeled self-balancing robot by reinforcement learning. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 1885-1904	3.6	5
368	Truncated Predictor Based Feedback Designs for Linear Systems with Input Delay. *Control Engineering*, **2021**,	1	3
367	Reinforcement Learning Based Optimal Tracking Control Under Unmeasurable Disturbances With Application to HVAC Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	3
366	An Event-triggered Observer and Its Applications in Cooperative Control of Multi-Agent Systems. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	3
365	A Memoryless Delay-Adaptive Feedback Law for the Regulation of Discrete-Time Linear Systems. *SIAM Journal on Control and Optimization*, **2021**, 59, 2756-2773	1.9	
364	Computational Intelligence in Uncertainty Quantification for Learning Control and Differential Games. *Studies in Systems, Decision and Control*, **2021**, 385-418	0.8	
363	Reinforcement Learning for Optimal Adaptive Control of Time Delay Systems. *Studies in Systems, Decision and Control*, **2021**, 215-242	0.8	
362	Cancer diagnosis using generative adversarial networks based on deep learning from imbalanced data. *Computers in Biology and Medicine*, **2021**, 135, 104540	7	4
361	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	3.6	2
360	Leader-following almost output consensus for linear multi-agent systems with disturbance-affected unstable zero dynamics. *Systems and Control Letters*, **2020**, 145, 104787	2.4	2
359	Suboptimal output consensus for a group of weakly nonminimum phase linear systems. *Automatica* , **2020**, 119, 109084	5.7	3
358	Adaptive Dynamic Programming for Model-Free Global Stabilization of Control Constrained Continuous-Time Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
357	An exploration of the Razumikhin stability theorem with applications in stabilization of delay systems. *Automatica*, **2020**, 119, 109082	5.7	1
356	Regional consensus of linear differential inclusions subject to input saturation. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 2461-2474	3.6	1
355	SITUP: Scale Invariant Tracking using Average Peak-to-Correlation Energy. *IEEE Transactions on Image Processing*, **2020**,	8.7	14
354	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8054-8064	6.8	9
353	Optimal Control of a Two-Wheeled Self-Balancing Robot by Reinforcement Q-learning **2020**,		1

352	FAST: Fast and Accurate Scale Estimation for Tracking. *IEEE Signal Processing Letters*, **2020**, 27, 161-165	3.2	5
351	Output feedback adaptive dynamic programming for linear differential zero-sum games. *Automatica*, **2020**, 122, 109272	5.7	6
350	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	3.6	5
349	Global consensus of multi-agent systems with intermittent directed communication in the presence of actuator saturation. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 8469-8484	3.6	2
348	Almost output consensus of nonlinear multiagent systems in the presence of external disturbances. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 7355-7369	3.6	0
347	Fractional-Order Surge Control of Active Magnetic Bearings Suspended Compressor. *Actuators*, **2020**, 9, 75	2.4	1
346	Delay Independent Output Feedback Stabilization of Discrete-time Linear Systems with Bounded Input Delay **2020**,		1
345	Simulated Shock Train Control using an All-Coefficient Adaptive Control Approach **2019**,		1
344	Consensus of second-order multi-agent systems under unknown but bounded measurement noises. *Systems and Control Letters*, **2019**, 133, 104517	2.4	3
343	Event-triggered global stabilization of general linear systems with bounded controls. *Automatica*, **2019**, 107, 241-254	5.7	14
342	A survey of distributed optimization. *Annual Reviews in Control*, **2019**, 47, 278-305	10.3	141
341	Distributed Event-Triggered Secondary Voltage Control for Microgrids With Time Delay. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1582-1591	7.3	26
340	On PID control for synchronization of complex dynamical network with delayed nodes. *Science China Technological Sciences*, **2019**, 62, 1412-1422	3.5	10
339	Regulation of Linear Input Delayed Systems without Delay Knowledge. *SIAM Journal on Control and Optimization*, **2019**, 57, 999-1022	1.9	8
338	An iterative Q-learning scheme for the global stabilization of discrete-time linear systems subject to actuator saturation. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 2660-2672	3.6	10
337	Experience replay-based output feedback Q-learning scheme for optimal output tracking control of discrete-time linear systems. *International Journal of Adaptive Control and Signal Processing*, **2019**, 33, 1825-1842	2.8	5
336	. *IEEE Transactions on Intelligent Transportation Systems*, **2019**, 20, 2750-2763	6.1	25
335	M-PCM-OFFD: An effective output statistics estimation method for systems of high dimensional uncertainties subject to low-order parameter interactions. *Mathematics and Computers in Simulation*, **2019**, 159, 93-118	3.3	4

334	Stabilization of Discrete-Time Linear Systems With an Unknown Time-Varying Delay by Switched Low-Gain Feedback. *IEEE Transactions on Automatic Control*, **2019**, 64, 2069-2076	5.9	10
333	On robustness of an AMB suspended energy storage flywheel platform under characteristic model based all-coefficient adaptive control laws. *Frontiers of Information Technology and Electronic Engineering*, **2019**, 20, 120-130	2.2	5
332	Stabilization of discrete-time linear systems by delay independent truncated predictor feedback. *Control Theory and Technology*, **2019**, 17, 112-118	1	5
331	Model-Free Optimal Stabilization of Unknown Time Delay Systems Using Adaptive Dynamic Programming **2019**,		1
330	Semi-Global Output Containment Control for a Group of Heterogeneous Discrete-time Linear Systems with Input Saturation **2019**,		2
329	Regional Consensus of Linear Differential Inclusions with Input Saturation **2019**,		1
328	Output feedback reinforcement learning based optimal output synchronisation of heterogeneous discrete-time multi-agent systems. *IET Control Theory and Applications*, **2019**, 13, 2866-2876	2.5	4
327	Vision-based Tracking by a Quadrotor on ROS. *Unmanned Systems*, **2019**, 07, 233-244	3	2
326	Global Consensus of Multi-Agent Systems with Intermittent Directed Communication in the Presence of Actuator Saturation **2019**,		1
325	Global optimal consensus for higher-order multi-agent systems with bounded controls. *Automatica*, **2019**, 99, 301-307	5.7	31
324	Control design in the presence of actuator saturation: from individual systems to multi-agent systems. *Science China Information Sciences*, **2019**, 62, 1	3.4	21
323	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	5.9	1
322	Global stabilisation of discrete-time linear systems using event-triggered bounded controls. *IET Control Theory and Applications*, **2019**, 13, 1355-1366	2.5	1
321	Connectivity enhancing coordinated tracking control of multi-agent systems with a state-dependent jointly-connected dynamic interaction topology. *Automatica*, **2019**, 101, 431-438	5.7	13
320	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	10.3	34
319	Time-varying low gain feedback for linear systems with unknown input delay. *Systems and Control Letters*, **2019**, 123, 98-107	2.4	16
318	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	4	13
317	Reinforcement Learning-Based Linear Quadratic Regulation of Continuous-Time Systems Using Dynamic Output Feedback. *IEEE Transactions on Cybernetics*, **2019**,	10.2	19

316	Characterization of DNA Methylation Associated Gene Regulatory Networks During Stomach Cancer Progression. *Frontiers in Genetics*, **2018**, 9, 711	4.5	8
315	Adaptation in truncated predictor feedback to overcome uncertainty in the delay. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 3127-3139	3.6	2
314	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	7.7	9
313	Event-triggered constrained control of positive systems with input saturation. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 3532-3542	3.6	24
312	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	3.6	1
311	A delay-independent output feedback for linear systems with time-varying input delay. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 2950-2960	3.6	9
310	Stability and Performance of Control Systems with Actuator Saturation. *Control Engineering*, **2018**,	1	21
309	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	8
308	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	4	8
307	An asymmetric Lyapunov function for linear systems with asymmetric actuator saturation. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 1624-1640	3.6	11
306	A deep learning-based multi-model ensemble method for cancer prediction. *Computer Methods and Programs in Biomedicine*, **2018**, 153, 1-9	6.9	198
305	Design of Distributed Observers in the Presence of Arbitrarily Large Communication Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4447-4461	10.3	14
304	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	3.6	22
303	Global optimal consensus for discrete-time multi-agent systems with bounded controls. *Automatica* , **2018**, 97, 182-185	5.7	21
302	Output feedback Q-learning for discrete-time linear zero-sum games with application to the H-infinity control. *Automatica*, **2018**, 95, 213-221	5.7	41
301	Stability criteria of linear systems with multiple input delays under truncated predictor feedback. *Systems and Control Letters*, **2018**, 111, 9-17	2.4	7
300	Identification of dynamic parameters of active magnetic bearings in a flexible rotor system considering residual unbalances. *Mechatronics*, **2018**, 49, 46-55	3	14
299	Convex Hull Representations. *Control Engineering*, **2018**, 11-61	1	

298	The Maximal Contractively Invariant Ellipsoids. *Control Engineering*, **2018**, 63-109	1	
297	Composite Quadratic Lyapunov Functions. *Control Engineering*, **2018**, 111-155	1	
296	Disturbance Tolerance and Rejection. *Control Engineering*, **2018**, 157-198	1	
295	Partitioning of the Convex Hull. *Control Engineering*, **2018**, 199-238	1	
294	Control Systems with an Algebraic Loop. *Control Engineering*, **2018**, 239-285	1	
293	Generalized Piecewise Quadratic Lyapunov Functions. *Control Engineering*, **2018**, 287-334	1	
292	Linear Systems with Asymmetric Saturation. *Control Engineering*, **2018**, 335-355	1	
291	Semi-Global Leader-Following Output Consensus of Discrete-Time Linear Multi-Agent Systems with Input Saturation **2018**,		2
290	Breast Cancer Diagnosis Using an Unsupervised Feature Extraction Algorithm Based on Deep Learning **2018**,		11
289	Semi-Global Output Containment Control of Linear Multi-Agent Systems with Actuator Saturation **2018**,		2
288	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	6.9	44
287	Characteristic model based all-coefficient adaptive control of an AMB suspended energy storage flywheel test rig. *Science China Information Sciences*, **2018**, 61, 1	3.4	6
286	OSLO: Automatic Cell Counting and Segmentation for Oligodendrocyte Progenitor Cells **2018**,		3
285	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	4	56
284	Global optimal consensus for multi-agent systems with bounded controls. *Systems and Control Letters*, **2017**, 102, 104-111	2.4	46
283	Consensus of a class of discrete-time nonlinear multi-agent systems in the presence of communication delays. *ISA Transactions*, **2017**, 71, 10-20	5.5	19
282	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	3.6	8
281	Maximum delay bounds of linear systems under delay independent truncated predictor feedback. *Automatica*, **2017**, 83, 65-72	5.7	24

280	Truncated Predictor Control of Lipschitz Nonlinear Systems With Time-Varying Input Delay. *IEEE Transactions on Automatic Control*, **2017**, 62, 5324-5330	5.9	24
279	The maximal contractively invariant ellipsoids for discrete-time linear systems under saturated linear feedback. *Automatica*, **2017**, 76, 336-344	5.7	10
278	Event-Triggered Global Stabilization of Neutrally Stable Linear Systems with Actuator Saturation. *IFAC-PapersOnLine*, **2017**, 50, 11841-11846	0.7	6
277	Multi-leader multi-follower coordination with cohesion, dispersion, and containment control via proximity graphs. *Science China Information Sciences*, **2017**, 60, 1	3.4	14
276	Fractional Order PID Control of Rotor Suspension by Active Magnetic Bearings. *Actuators*, **2017**, 6, 4	2.4	20
275	Event-triggered global stabilization of discrete-time linear systems using bounded controls **2017**,		5
274	Delay independent truncated predictor feedback for stabilization of linear systems with multiple time-varying input delays **2017**,		5
273	Event-triggered global leader-following consensus for multi-agent systems with bounded controls **2017**,		2
272	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	2
271	Robust semi-global leader-following practical consensus of a group of linear systems with imperfect actuators. *Science China Information Sciences*, **2017**, 60, 1	3.4	12
270	Regional leader-following consensus of multi-agent systems with saturating actuators **2017**,		1
269	Output feedback reinforcement Q-learning control for the discrete-time linear quadratic regulator problem **2017**,		13
268	Stability and Performance Analysis of Saturated Systems Using an Enhanced Max Quadratic Lyapunov Function. *IFAC-PapersOnLine*, **2017**, 50, 11847-11852	0.7	1
267	Vision-based Tracking by a Quadrotor on ROS. *IFAC-PapersOnLine*, **2017**, 50, 11447-11452	0.7	2
266	Event-triggered semi-global stabilization of linear systems subject to output saturation **2017**,		3
265	Identification of Biomarkers for Predicting Lymph Node Metastasis of Stomach Cancer Using Clinical DNA Methylation Data. *Disease Markers*, **2017**, 2017, 5745724	3.2	21
264	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, 178-89	10.3	21
263	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	0.3	0

262	Distributed Synchronization Control of Multiagent Systems With Unknown Nonlinearities. *IEEE Transactions on Cybernetics*, **2016**, 46, 325-38	10.2	53
261	On the estimation of the domain of attraction for linear systems with asymmetric actuator saturation via asymmetric Lyapunov functions **2016**,		12
260	Stabilization of exponentially unstable linear systems with multiple input delays by truncated predictor feedback **2016**,		1
259	Unbalance compensation for AMB systems with input delay: An output regulation approach. *Control Engineering Practice*, **2016**, 46, 166-175	3.9	15
258	A platform for analysis and control design: Emulation of energy storage flywheels on a rotor-AMB test rig. *Mechatronics*, **2016**, 33, 146-160	3	10
257	Noise Reduction by Swarming in Social Foraging. *IEEE Transactions on Automatic Control*, **2016**, 61, 4007-4013	3.9	7
256	Learning automata for image segmentation. *Pattern Recognition Letters*, **2016**, 74, 46-52	4.7	14
255	Truncated Predictor Feedback Control for Active Magnetic Bearing Systems With Input Delay. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 2182-2189	4.8	5
254	Global leader-following consensus of a group of general linear systems using bounded controls. *Automatica*, **2016**, 68, 294-304	5.7	69
253	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	3.5	17
252	A switching anti-windup design based on partitioning of the input space. *Systems and Control Letters*, **2016**, 88, 39-46	2.4	15
251	Large scale gene regulatory network inference with a multi-level strategy. *Molecular BioSystems*, **2016**, 12, 588-97		16
250	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	7.8	25
249	Robust output regulation of linear time-delay systems: A state predictor approach. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 1686-1704	3.6	11
248	Reaching consensus in unbalanced networks with coarse information communication. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 2153-2168	3.6	0
247	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	3.6	25
246	Emerging Behavioral Consensus of Evolutionary Dynamics on Complex Networks. *SIAM Journal on Control and Optimization*, **2016**, 54, 3258-3272	1.9	30
245	On the delay bounds of discrete-time linear systems under delay independent truncated predictor feedback **2016**,		3

244	Consensus of Multi-Agent Systems with Control-Affine Nonlinear Dynamics. *Unmanned Systems*, **2016**, 04, 61-73	3	5
243	An output regulation approach to rotor autobalancing in active magnetic bearing systems with input delay **2016**,		1
242	Stabilization of exponentially unstable discrete-time linear systems by truncated predictor feedback. *Systems and Control Letters*, **2016**, 97, 27-35	2.4	12
241	Predictor based control of linear systems with state, input and output delays. *Automatica*, **2015**, 53, 385-391	5.7	19
240	A grid-based tracker for erratic targets. *Pattern Recognition*, **2015**, 48, 3527-3541	7.7	2
239	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	5.9	10
238	A system level analysis of gastric cancer across tumor stages with RNA-seq data. *Molecular BioSystems*, **2015**, 11, 1925-32		9
237	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	0.7	10
236	Distributed Semiglobal Consensus With Relative Output Feedback and Input Saturation Under Directed Switching Networks. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2015**, 62, 796-800	3.5	34
235	Consensus Control of a Class of Lipschitz Nonlinear Systems With Input Delay. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2015**, 62, 2730-2738	3.9	86
234	Impacted-Region Optimization for Distributed Model Predictive Control Systems With Constraints. *IEEE Transactions on Automation Science and Engineering*, **2015**, 12, 1447-1460	4.9	24
233	An analysis of the exponential stability of linear stochastic neutral delay systems. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 321-338	3.6	13
232	A Complete Characterization of the Maximal Contractively Invariant Ellipsoids of Linear Systems Under Saturated Linear Feedback. *IEEE Transactions on Automatic Control*, **2015**, 60, 179-185	5.9	26
231	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	3.6	30
230	On the delay bounds of linear systems under delay independent truncated predictor feedback: The state feedback case **2015**,		5
229	Stability and performance analysis of saturated systems via partitioning of the virtual input space. *Automatica*, **2015**, 53, 85-93	5.7	18
228	Control of a flexible rotor active magnetic bearing test rig: a characteristic model based all-coefficient adaptive control approach. *Control Theory and Technology*, **2014**, 12, 1-12	1	29
227	Coordinated Control of Wheeled Vehicles in the Presence of a Large Communication Delay Through a Potential Functional Approach. *IEEE Transactions on Intelligent Transportation Systems*, **2014**, 15, 2261-2272	6.1	15

226	On the cooperative observability of a continuous-time linear system on an undirected network **2014**,		12
225	Saturation-based switching anti-windup design for linear systems with nested input saturation. *Automatica*, **2014**, 50, 2888-2896	5.7	33
224	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	4.8	54
223	On Properties of Quantized Consensus in Layered Sensor Networks **2014**,		1
222	Predictor based control for linear systems with both state and input delays **2014**,		3
221	Truncated Predictor Feedback Stabilization of Polynomially Unstable Linear Systems With Multiple Time-Varying Input Delays. *IEEE Transactions on Automatic Control*, **2014**, 59, 2157-2163	5.9	27
220	Experimental Evaluation of a Surge Controller for an AMB Supported Compressor in the Presence of Piping Acoustics. *IEEE Transactions on Control Systems Technology*, **2014**, 22, 1215-1223	4.8	19
219	On distributed finite-time observer design and finite-time coordinated tracking of multiple double integrator systems via local interactions. *International Journal of Robust and Nonlinear Control*, **2014** , 24, 2473-2489	3.6	24
218	Output Regulation of Linear Systems with State, Input and Output Delays. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2014**, 47, 9780-9785		0
217	Global Leader Following Consensus of a Group of Discrete-Time Linear Systems Using Bounded Controls. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2014**, 47, 263-268		1
216	Control of active magnetic bearing systems with input delay for applications in remotely controlled turbomachinery **2014**,		2
215	On higher-order truncated predictor feedback for linear systems with input delay. *International Journal of Robust and Nonlinear Control*, **2014**, 24, 2609-2627	3.6	14
214	Distributed synchronization control of multi-agent systems with unknown nonlinearities: The case of fixed directed communication topology **2014**,		4
213	Truncated state prediction for control of Lipschitz nonlinear systems with input delay **2014**,		13
212	Further results on the maximal contractively invariant ellipsoid of discrete-time linear systems with multiple inputs subject to actuator saturation **2014**,		1
211	On the estimation of the domain of attraction for saturated systems via partitioning of the input space **2014**,		1
210	Dynamic anti-windup design in anticipation of actuator saturation. *International Journal of Robust and Nonlinear Control*, **2014**, 24, 295-312	3.6	34
209	Dynamic anti-windup design for anticipatory activation: enlargement of the domain of attraction. *Science China Information Sciences*, **2014**, 57, 1-14	3.4	2

208	Consensus of high-order multi-agent systems with large input and communication delays. *Automatica*, **2014**, 50, 452-464	5.7	185
207	Robust cooperative tracking for multiple non-identical second-order nonlinear systems. *Automatica* , **2013**, 49, 2363-2372	5.7	110
206	Consensus seeking over directed networks with limited information communication. *Automatica*, **2013**, 49, 610-618	5.7	43
205	Consensus of discrete-time multi-agent systems with transmission nonlinearity. *Automatica*, **2013**, 49, 1768-1775	5.7	110
204	Design of Saturation-Based Switching Anti-Windup Gains for the Enlargement of the Domain of Attraction. *IEEE Transactions on Automatic Control*, **2013**, 58, 1810-1816	5.9	29
203	An improved design of aggregation-based model predictive control. *Systems and Control Letters*, **2013**, 62, 1082-1089	2.4	8
202	Truncated predictor feedback control for exponentially unstable linear systems with time-varying input delay. *Systems and Control Letters*, **2013**, 62, 837-844	2.4	86
201	Consensus of Discrete-Time Second-Order Multiagent Systems Based on Infinite Products of General Stochastic Matrices. *SIAM Journal on Control and Optimization*, **2013**, 51, 3274-3301	1.9	103
200	Multistability and its robustness of a class of biological systems. *IEEE Transactions on Nanobioscience*, **2013**, 12, 321-31	3.4	9
199	Stabilization of Discrete-Time Systems With Multiple Actuator Delays and Saturations. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2013**, 60, 389-400	3.9	41
198	Semi-Global Leader-Following Consensus of Linear Multi-Agent Systems With Input Saturation via Low Gain Feedback. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2013**, 60, 1881-1889	3.9	340
197	Multistability of a class of biological systems **2013**,		1
196	Discrete-time and norm vanishment and low gain feedback with their applications in constrained control. *Automatica*, **2013**, 49, 111-123	5.7	31
195	On global leader-following consensus of identical linear dynamic systems subject to actuator saturation. *Systems and Control Letters*, **2013**, 62, 132-142	2.4	180
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11	Development of an access-by-the-Internet control laboratory		2

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9	On the problem of general structural assignments of linear systems through sensor/actuator selection		3
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