

# James Lam

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2535297/james-lam-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

497  
papers

25,394  
citations

81  
h-index

139  
g-index

539  
ext. papers

30,625  
ext. citations

3.6  
avg. IF

7.67  
L-index

#	Paper	IF	Citations
497	Stability and stabilization of almost periodic piecewise linear systems with dwell time uncertainty. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	
496	Reduced-order interval observer based consensus for MASs with time-varying interval uncertainties. <i>Automatica</i> , <b>2022</b> , 135, 109989	5.7	6
495	Interval observer-based fault-tolerant control for a class of positive Markov jump systems. <i>Information Sciences</i> , <b>2022</b> , 590, 142-142	7.7	2
494	State estimation for systems with unobservable packet losses: Approximate estimation, stability, and performance analysis. <i>International Journal of Robust and Nonlinear Control</i> , <b>2022</b> , 32, 545	3.6	
493	Bumpless H $\infty$ control for periodic piecewise linear systems. <i>Automatica</i> , <b>2022</b> , 135, 109941	5.7	0
492	Tactual Recognition of Soft Objects From Deformation Cues. <i>IEEE Robotics and Automation Letters</i> , <b>2022</b> , 7, 96-103	4.2	0
491	Grid connected photovoltaic system impression on power quality of low voltage distribution system. <i>Cogent Engineering</i> , <b>2022</b> , 9,	1.5	4
490	Kinematic Analysis of Soft Continuum Manipulators Based on Sparse Workspace Mapping. <i>IEEE Robotics and Automation Letters</i> , <b>2022</b> , 7, 5055-5062	4.2	
489	A polynomial blossoming approach to stabilization of periodic time-varying systems. <i>Automatica</i> , <b>2022</b> , 141, 110305	5.7	2
488	On Stability and Performance of Optimal Linear Filter over Gilbert-Elliott Channels with Unobservable Packet Losses. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	
487	Optimal filter design for cyber-physical systems under stealthy hybrid attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 1340-1357	3.6	2
486	Variable-Parameter-Dependent Saturated Robust Control for Vehicle Lateral Stability. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 1-12	4.8	1
485	Master-slave synchronization of neural networks subject to mixed-type communication attacks. <i>Information Sciences</i> , <b>2021</b> , 560, 20-34	7.7	5
484	Global Stabilization of Discrete-Time Linear Systems Subject to Input Saturation and Time Delay. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1345-1352	5.9	9
483	Reachable Set Estimation and Synthesis for Periodic Positive Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 501-511	10.2	14
482	Positivity and stability of mixed fractional-order systems with unbounded delays: Necessary and sufficient conditions. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 37-50	3.6	3
481	Improved reachable set estimation for positive systems: A polyhedral approach. <i>Automatica</i> , <b>2021</b> , 124, 109167	5.7	5

480	State estimation of CPSs with deception attacks: Stability analysis and approximate computation. <i>Neurocomputing</i> , <b>2021</b> , 423, 318-326	5.4	6
479	Adaptive event-triggered mechanism for networked control systems under deception attacks with uncertain occurring probability. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 1426-1439	2.3	3
478	Secure state estimation for systems under mixed cyber-attacks: Security and performance analysis. <i>Information Sciences</i> , <b>2021</b> , 546, 943-960	7.7	9
477	Further Results for Pinning Stabilization of Boolean Networks. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 897-905	4	3
476	Global Consensus of Positive Edge System With Sector Input Nonlinearities. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 4057-4066	7.3	10
475	Analysis of Positive Systems with Input Saturation: Invariant Hyper-Pyramids and Hyper-Rectangles. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	0
474	Fault-tolerant Control of Switched LPV Systems: A Bumpless Transfer Approach. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2021</b> , 1-1	5.5	13
473	Stability and L1-gain analysis of periodic piecewise positive systems with constant time delay. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	2
472	Energy-to-Peak Output Tracking Control of Actuator Saturated Periodic Piecewise Time-Varying Systems With Nonlinear Perturbations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	6
471	. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	2
470	Further Improvements on Non-Negative Edge Consensus of Networked Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
469	Input-output gain analysis of positive periodic systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 2928-2945	3.6	3
468	Fault estimation for periodic piecewise T-S fuzzy systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 8055	3.6	1
467	A Multimodal Hydrogel Soft-Robotic Sensor for Multi-Functional Perception. <i>Frontiers in Robotics and AI</i> , <b>2021</b> , 8, 692754	2.8	0
466	Observer-based output reachable set synthesis for periodic piecewise time-varying systems. <i>Information Sciences</i> , <b>2021</b> , 571, 246-261	7.7	3
465	Differentially private average consensus with general directed graphs. <i>Neurocomputing</i> , <b>2021</b> , 458, 87-98	5.4	0
464	PD control of positive interval continuous-time systems with time-varying delay. <i>Information Sciences</i> , <b>2021</b> , 580, 371-384	7.7	5
463	Aperiodic sampled-data controller design for switched Itô stochastic Markovian jump systems. <i>Systems and Control Letters</i> , <b>2021</b> , 157, 105031	2.4	4

462	Nonnegative Consensus Tracking of Networked Systems With Convergence Rate Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	2
461	Positive Consensus of Directed Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	0
460	A Bernstein Polynomial Approach to Estimating Reachable Set of Periodic Piecewise Polynomial Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 1-1	5.9	3
459	Eye-in-Hand Visual Servoing Enhanced With Sparse Strain Measurement for Soft Continuum Robots. <i>IEEE Robotics and Automation Letters</i> , <b>2020</b> , 5, 2161-2168	4.2	24
458	On positive realness and negative imaginarity of uncertain discrete-time state-space symmetric systems. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 1406-1417	2.3	1
457	Fault detection observer design for periodic piecewise linear systems. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 1622-1636	2.3	4
456	A Hybrid Sliding Mode Control Scheme of Markovian Jump Systems via Transition Rates Optimal Design. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12	7.3	16
455	Robust and nonfragile consensus of positive multiagent systems via observer-based output-feedback protocols. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 5386-5403	3.6	7
454	Bounded control of feedforward nonlinear systems subject to input time-delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 5579-5601	3.6	
453	On the algebraic Riccati inequality arising in cone-preserving time-delay systems. <i>Automatica</i> , <b>2020</b> , 113, 108820	5.7	6
452	Generalized Lead-Lag H $\infty$ Compensators for MIMO Linear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	1
451	A Novel Scheme of Nonfragile Controller Design for Periodic Piecewise LTV Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 10766-10775	8.9	22
450	Positivity-Preserving Consensus of Homogeneous Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 2724-2729	5.9	30
449	Descriptor state-bounding observer design for positive Markov jump linear systems with sensor faults: Simultaneous state and faults estimation. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 2113-2129	3.6	9
448	Coordination Control for Uncertain Networked Systems Using Interval Observers. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4008-4019	10.2	30
447	On construction of Lyapunov functions for scalar linear time-varying systems. <i>Systems and Control Letters</i> , <b>2020</b> , 135, 104591	2.4	6
446	The $\{L_{\{q\}}/L_{\{p\}}\}$ Hankel Norms of Positive Systems <b>2020</b> , 4, 462-467		5
445	Necessary and Sufficient Conditions on Negative Imaginarity for Interval SISO Transfer Functions and Their Interconnection. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4362-4368	5.9	3

444	Geometric Programming for Optimal Positive Linear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4648-4663	5.9	16
443	Compliant Control and Compensation for A Compact Cable-Driven Robotic Manipulator. <i>IEEE Robotics and Automation Letters</i> , <b>2020</b> , 5, 5417-5424	4.2	5
442	Equivalent conditions of finite-time time-varying output-feedback control for discrete-time positive time-varying linear systems. <i>Cogent Engineering</i> , <b>2020</b> , 7, 1791547	1.5	
441	Event-Triggered Output Feedback Synchronization of Master-Slave Neural Networks Under Deception Attacks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , PP,	10.3	9
440	On stability of neutral-type linear stochastic time-delay systems with three different delays. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 360, 147-166	2.7	3
439	A novel H <sub>∞</sub> tracking control scheme for periodic piecewise time-varying systems. <i>Information Sciences</i> , <b>2019</b> , 484, 71-83	7.7	16
438	Positive Edge-Consensus for Nodal Networks via Output Feedback. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1244-1249	5.9	69
437	. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 928-943	5.9	21
436	Trajectory Regulating Model Reference Adaptive Controller for Robotic Systems. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 2749-2756	4.8	13
435	Stability and $H_2$ -gain analysis for positive 2-D Markov jump systems. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 2077-2087	2.3	9
434	Dynamic modelling and simulation of rail car suspension systems using classic controls. <i>Cogent Engineering</i> , <b>2019</b> , 6, 1602927	1.5	2
433	State estimation over non-acknowledgment networks with Markovian packet dropouts. <i>Automatica</i> , <b>2019</b> , 109, 108484	5.7	12
432	Consensus of Discrete-time Positive Multi-agent Systems with Observer-type Protocols* <b>2019</b> ,		2
431	Stability and $H_2$ Synthesis of a Class of Periodic Piecewise Time-Varying Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 3378-3384	5.9	31
430	Mean square stability of linear stochastic neutral-type time-delay systems with multiple delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 451-472	3.6	5
429	Stability and L1-gain analysis of linear periodic piecewise positive systems. <i>Automatica</i> , <b>2019</b> , 101, 232-240	5.7	22
428	On positive realness, negative imaginarity, and H <sub>∞</sub> control of state-space symmetric systems. <i>Automatica</i> , <b>2019</b> , 101, 190-196	5.7	16
427	Bounded control of feedforward time-delay systems with linearized systems consisting of chain of oscillators. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 283-305	3.6	5

426	H $\infty$ control problem of linear periodic piecewise time-delay systems. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 997-1011	2.3	20
425	A Hybrid Design Approach for Output Feedback Exponential Stabilization of Markovian Jump Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 1404-1417	5.9	56
424	Stability and stabilization of periodic piecewise linear systems: A matrix polynomial approach. <i>Automatica</i> , <b>2018</b> , 94, 1-8	5.7	58
423	Stability analysis of linear stochastic neutral-type time-delay systems with two delays. <i>Automatica</i> , <b>2018</b> , 91, 179-189	5.7	29
422	Stability and stabilization of a class of stochastic switching systems with lower bound of sojourn time. <i>Automatica</i> , <b>2018</b> , 92, 18-28	5.7	42
421	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 1125-1137	8.3	51
420	Stability and Guaranteed Cost Analysis of Time-Triggered Boolean Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3893-3899	10.3	42
419	On Stability of A Class of Stochastic Neutral-Type Time-Delay Systems <b>2018</b> ,		1
418	Reachable set estimation for switched positive systems. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 2341-2352	2.3	8
417	Switched systems approach to state bounding for time delay systems. <i>Information Sciences</i> , <b>2018</b> , 465, 191-201	7.7	8
416	Quantized feedback stabilization of continuous time-delay systems subject to actuator saturation. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2018</b> , 30, 1-13	4.5	17
415	Stability and Stabilization of Boolean Networks With Stochastic Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 1-1	5.9	9
414	Finite-frequency H control for offshore platforms subject to parametric model uncertainty and practical hard constraints. <i>ISA Transactions</i> , <b>2018</b> , 83, 53-65	5.5	12
413	Peak-to-peak filtering for periodic piecewise linear polytopic systems. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 1997-2011	2.3	17
412	On stability and H $\infty$ control of switched systems with random switching signals. <i>Automatica</i> , <b>2018</b> , 95, 419-425	5.7	34
411	Motion-based active disturbance rejection control for a non-linear full-car suspension system. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , <b>2018</b> , 232, 616-631	1.4	19
410	On Bounded Control of A Class of Feedforward Nonlinear Time-Delay Systems. <i>IFAC-PapersOnLine</i> , <b>2018</b> , 51, 89-93	0.7	1
409	Localized online learning-based control of a soft redundant manipulator under variable loading. <i>Advanced Robotics</i> , <b>2018</b> , 32, 1168-1183	1.7	13

408	Robust time-weighted guaranteed cost control of uncertain periodic piecewise linear systems. <i>Information Sciences</i> , <b>2018</b> , 460-461, 238-253	7.7	24
407	Guaranteed cost control of periodic piecewise linear time-delay systems. <i>Automatica</i> , <b>2018</b> , 94, 274-282	5.7	58
406	$H_{\infty}$ control of periodic piecewise vibration systems with actuator saturation. <i>JVC/Journal of Vibration and Control</i> , <b>2017</b> , 23, 3377-3391	2	31
405	Controller synthesis for positive Takagi-Sugeno fuzzy systems under $H_{\infty}$ performance. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 515-524	2.3	29
404	Input-Output gain analysis for linear systems on cones. <i>Automatica</i> , <b>2017</b> , 77, 44-50	5.7	11
403	Global Stabilization of Linearized Spacecraft Rendezvous System by Saturated Linear Feedback. <i>IEEE Transactions on Control Systems Technology</i> , <b>2017</b> , 25, 2185-2193	4.8	18
402	Exponential stability analysis and synthesis of positive T-S fuzzy systems with time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2017</b> , 24, 186-197	4.5	26
401	An Improved Criterion for Controllability of Boolean Control Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 6012-6018	5.9	44
400	Fixed-Time Synchronization of Complex Networks With Impulsive Effects via Nonchattering Control. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 5511-5521	5.9	214
399	Finite-time $H_{\infty}$ control of periodic piecewise linear systems. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 2333-2344	2.3	50
398	Global dynamics of an HIV model incorporating senior male clients. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 311, 203-216	2.7	7
397	A novel body frame based approach to aerospacecraft attitude tracking. <i>ISA Transactions</i> , <b>2017</b> , 70, 228-237	3.7	7
396	Non-fragile multivariable PID controller design via system augmentation. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 2168-2181	2.3	17
395	New Bounded Real Lemma Formulation and Control for Continuous-Time Descriptor Systems. <i>Asian Journal of Control</i> , <b>2017</b> , 19, 2192-2198	1.7	8
394	Stability analysis and L1-gain characterization for switched positive systems under dwell-time constraint. <i>Automatica</i> , <b>2017</b> , 85, 1-8	5.7	120
393	Global Stabilization of Multiple Oscillator Systems by Delayed and Bounded Feedback. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2017</b> , 64, 675-679	3.5	8
392	On the Decay Rate of Discrete-Time Linear Delay Systems With Cone Invariance. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3442-3447	5.9	10
391	An Energy-Efficient Adaptive Overlapping Clustering Method for Dynamic Continuous Monitoring in WSNs. <i>IEEE Sensors Journal</i> , <b>2017</b> , 17, 834-847	4	34

390	Some Extensions on the Bounded Real Lemma for Positive Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3034-3038	5.9	17
389	Dominant pole and eigenstructure assignment for positive systems with state feedback. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 2901-2912	2.3	8
388	Robust stabilisation of time-varying delay systems with probabilistic uncertainties. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3016-3026	2.3	4
387	Sampling-interval-dependent stability for linear sampled-data systems with non-uniform sampling. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 2893-2900	2.3	17
386	Frequency interval balanced truncation of discrete-time bilinear systems. <i>Cogent Engineering</i> , <b>2016</b> , 3, 1203082	1.5	3
385	Position control under simultaneous limited torque and speed of a torque-driven nonlinear rotational mechanism. <i>Cogent Engineering</i> , <b>2016</b> , 3, 1192009	1.5	3
384	Output feedback negative imaginary synthesis under structural constraints. <i>Automatica</i> , <b>2016</b> , 71, 222-238	3.8	30
383	Estimation and synthesis of reachable set for discrete-time periodic systems. <i>Optimal Control Applications and Methods</i> , <b>2016</b> , 37, 885-901	1.7	25
382	Relaxed results on reachable set estimation of time-delay systems with bounded peak inputs. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 1994-2007	3.6	52
381	$H_{\infty}$ Control with Transients for Singular Systems. <i>Asian Journal of Control</i> , <b>2016</b> , 18, 817-827	1.7	22
380	Model reduction of discrete Markovian jump systems with time-weighted $H_2$ performance. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 401-425	3.6	6
379	Generalized $(\{\varvec{H}\}_{\infty})$ model reduction for stable two-dimensional discrete systems. <i>Multidimensional Systems and Signal Processing</i> , <b>2016</b> , 27, 359-382	1.8	13
378	Containment control of multi-agent systems with unbounded communication delays. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 2048-2057	2.3	25
377	Dissipative control and filtering of discrete-time singular systems. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 2532-2542	2.3	31
376	Finite-Time Consensus of Multiagent Systems With a Switching Protocol. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 853-62	10.3	131
375	Static output-feedback stabilization with optimal $L_1$ -gain for positive linear systems. <i>Automatica</i> , <b>2016</b> , 63, 248-253	5.7	77
374	Robust admissibility and admissibilisation of uncertain discrete singular time-delay systems. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3720-3729	2.3	7
373	An Improved Incremental Learning Approach for KPI Prognosis of Dynamic Fuel Cell System. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 3135-3144	10.2	59



372	Stability and Performance Analysis for Positive Fractional-Order Systems With Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 2676-2681	5.9	86
371	Event-triggered networked predictive control of system with data loss. <i>Cogent Engineering</i> , <b>2016</b> , 3, 1134039	4.39	1
370	Multiobjective controller synthesis via eigenstructure assignment with state feedback. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3219-3231	2.3	5
369	H <sub>∞</sub> and H <sub>2</sub> filtering for linear systems with uncertain Markov transitions. <i>Automatica</i> , <b>2016</b> , 67, 252-266	5.7	79
368	Estimation and synthesis of reachable set for switched linear systems. <i>Automatica</i> , <b>2016</b> , 63, 122-132	5.7	60
367	Pseudo-predictor feedback control of discrete-time linear systems with a single input delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 2845-2863	3.6	9
366	A novel nonlinear process monitoring approach: Locally weighted learning based total PLS <b>2016</b> ,		2
365	Networked control under communication constraints: The discrete-time case <b>2016</b> ,		2
364	l1-gain analysis and model reduction problem for Boolean control networks. <i>Information Sciences</i> , <b>2016</b> , 348, 68-83	7.7	42
363	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 4357-4366	8.9	70
362	Dissipativity analysis for discrete singular systems with time-varying delay. <i>ISA Transactions</i> , <b>2016</b> , 64, 86-91	5.5	22
361	On reachable sets for positive linear systems under constrained exogenous inputs. <i>Automatica</i> , <b>2016</b> , 74, 230-237	5.7	37
360	Distributed active anti-disturbance output consensus algorithms for higher-order multi-agent systems with mismatched disturbances. <i>Automatica</i> , <b>2016</b> , 74, 30-37	5.7	70
359	$\ell_{\infty}/L_{\infty}$ -Gain Analysis for Positive Linear Systems With Unbounded Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 857-862	5.9	54
358	New admissibility analysis for discrete singular systems with time-varying delay. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 265, 1058-1066	2.7	37
357	Constrained predictive control synthesis for quantized systems with Markovian data loss. <i>Automatica</i> , <b>2015</b> , 55, 217-225	5.7	73
356	Robust quantized output feedback control for uncertain discrete time-delay systems with saturation nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 3515-3527	3.6	19
355	Side-slip angle estimation and stability control for a vehicle with a non-linear tyre model and a varying speed. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , <b>2015</b> , 229, 486-505	1.4	25

354	Control of vehicle suspension using an adaptive inerter. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , <b>2015</b> , 229, 1934-1943	1.4	29
353	Finite-Horizon $H_{\infty}$ Control for Discrete Time-Varying Systems With Randomly Occurring Nonlinearities and Fading Measurements. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2488-2493	5.9	138
352	Stability, stabilization and L2-gain analysis of periodic piecewise linear systems. <i>Automatica</i> , <b>2015</b> , 61, 218-226	5.7	57
351	Pseudo-predictor feedback control of discrete-time linear systems with a single input delay <b>2015</b> ,		1
350	Quasi-synchronization of heterogeneous dynamic networks via distributed impulsive control: Error estimation, optimization and design. <i>Automatica</i> , <b>2015</b> , 62, 249-262	5.7	269
349	On reachable set estimation of singular systems. <i>Automatica</i> , <b>2015</b> , 52, 146-153	5.7	117
348	A frequency-partitioning approach to stability analysis of two-dimensional discrete systems. <i>Multidimensional Systems and Signal Processing</i> , <b>2015</b> , 26, 67-93	1.8	24
347	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 511-524	8.3	46
346	On static output-feedback stabilization for multi-input multi-output positive systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 3154-3162	3.6	37
345	Stability Analysis of Distributed Delay Neural Networks Based on Relaxed Lyapunov-Krasovskii Functionals. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 1480-92	10.3	125
344	On a conjecture about the norm of Lyapunov mappings. <i>Linear Algebra and Its Applications</i> , <b>2015</b> , 465, 88-103	0.9	4
343	Remarks on Decay rate constrained stability analysis for positive systems with discrete and distributed delays <i>Systems Science and Control Engineering</i> , <b>2015</b> , 3, 24-25	2	2
342	Development of a novel in-pipe walking robot <b>2015</b> ,		3
341	A probabilistic approach to stability and stabilization of networked control systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2015</b> , 29, 925-938	2.8	7
340	Optimal partitioning method for stability analysis of continuous/discrete delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 559-574	3.6	77
339	New insight into delay-dependent stability of time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 961-970	3.6	98
338	On $L_1$ and $L_2$ gains for positive systems with bounded time-varying delays. <i>International Journal of Systems Science</i> , <b>2015</b> , 46, 1953-1960	2.3	38
337	On the synthesis of H $\infty$ consensus for multi-agent systems. <i>IMA Journal of Mathematical Control and Information</i> , <b>2015</b> , 32, 591-607	1.1	6

336	Joint unscented Kalman filter for dual estimation in a bifilar pendulum for a small UAV <b>2015</b> ,		2
335	Observer-based controller synthesis for discrete systems under bounded peak disturbances: Convergence within ellipsoids <b>2015</b> ,		2
334	Design of a one-motor tree-climbing robot <b>2015</b> ,		2
333	Positive filtering for positive Takagi-Sugeno fuzzy systems under . <i>Information Sciences</i> , <b>2015</b> , 299, 32-41	7.7	62
332	H <sub>∞</sub> model reduction for discrete-time positive systems with inhomogeneous initial conditions. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 88-102	3.6	13
331	Reachable set estimation for discrete-time linear systems with time delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 269-281	3.6	91
330	Improved results on . <i>Automatica</i> , <b>2015</b> , 53, 79-84	5.7	13
329	Stability Analysis of Continuous-Time Switched Systems With a Random Switching Signal. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 180-186	5.9	65
328	Non-existence of finite-time stable equilibria in fractional-order nonlinear systems. <i>Automatica</i> , <b>2014</b> , 50, 547-551	5.7	131
327	Towards positive definite solutions of a class of nonlinear matrix equations. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 237, 546-559	2.7	12
326	Reachable set estimation and controller design for distributed delay systems with bounded disturbances. <i>Journal of the Franklin Institute</i> , <b>2014</b> , 351, 3068-3088	4	63
325	An improved result on reachable set estimation and synthesis of time-delay systems. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 249, 89-97	2.7	36
324	Output-Feedback Control for Continuous-time Interval Positive Systems under L1 Performance. <i>Asian Journal of Control</i> , <b>2014</b> , 16, 1592-1601	1.7	15
323	Multi-Bound-Dependent Stability Criterion for Digital Filters With Overflow Arithmetics and Time Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2014</b> , 61, 31-35	3.5	26
322	Positive filtering for continuous-time positive systems under L1 performance. <i>International Journal of Control</i> , <b>2014</b> , 87, 1906-1913	1.5	60
321	Multi-objective control for active vehicle suspension with wheelbase preview. <i>Journal of Sound and Vibration</i> , <b>2014</b> , 333, 5269-5282	3.9	80
320	Improved results on . <i>Systems and Control Letters</i> , <b>2014</b> , 70, 109-117	2.4	37
319	Lyapunov-Krasovskii functionals for predictor feedback control of linear systems with multiple input delays. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 244, 303-311	2.7	6

318	Semiglobal Observer-Based Leader-Following Consensus With Input Saturation. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 2842-2850	8.9	206
317	Equivalence of several characteristics of dual switched linear systems. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2014</b> , 13, 74-83	4.5	6
316	Velocity-dependent multi-objective control of vehicle suspension with preview measurements. <i>Mechatronics</i> , <b>2014</b> , 24, 464-475	3	33
315	Vibration control systems. <i>Mechatronics</i> , <b>2014</b> , 24, 287-288	3	2
314	Relaxed passivity conditions for neural networks with time-varying delays. <i>Neurocomputing</i> , <b>2014</b> , 142, 299-306	5.4	46
313	Constrained control of switched positive systems with discrete and distributed delays <b>2014</b> ,		6
312	Positive state-bounding observer for interval positive systems under L1 performance <b>2014</b> ,		3
311	Sliding Mode Control for Uncertain Switched Systems with Partial Actuator Faults. <i>Asian Journal of Control</i> , <b>2014</b> , 16, 1779-1788	1.7	22
310	Reachable set analysis for singular systems <b>2014</b> ,		1
309	A new result on the delay-dependent stability of discrete systems with time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 2512-2521	3.6	60
308	Decay rate constrained stability analysis for positive systems with discrete and distributed delays. <i>Systems Science and Control Engineering</i> , <b>2014</b> , 2, 7-12	2	19
307	Distributed filtering in sensor networks with randomly occurring saturations and successive packet dropouts. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 1743-1759	3.6	73
306	Output feedback delay compensation control for networked control systems with random delays. <i>Information Sciences</i> , <b>2014</b> , 265, 154-166	7.7	67
305	LEgain analysis for positive systems with distributed delays. <i>Automatica</i> , <b>2014</b> , 50, 175-179	5.7	104
304	H $\infty$ Model Reduction for Positive Fractional Order Systems. <i>Asian Journal of Control</i> , <b>2014</b> , 16, 441-450	1.7	38
303	State feedback H $\infty$ Control of commensurate fractional-order systems. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 363-372	2.3	59
302	Strong practical stability and stabilization of uncertain discrete linear repetitive processes. <i>Numerical Linear Algebra With Applications</i> , <b>2013</b> , 20, 220-233	1.6	5
301	Adaptive consensus with a virtual leader of multiple agents governed by locally Lipschitz nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 978-990	3.6	41

300	Real-time Kalman filtering based on distributed measurements. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 1597-1608	3.6	14
299	Stability analysis and control design for 2-D fuzzy systems via basis-dependent Lyapunov functions. <i>Multidimensional Systems and Signal Processing</i> , <b>2013</b> , 24, 395-415	1.8	44
298	Stabilization of Discrete-Time Nonlinear Uncertain Systems by Feedback Based on LS Algorithm. <i>SIAM Journal on Control and Optimization</i> , <b>2013</b> , 51, 1128-1151	1.9	13
297	Stability and synchronization of discrete-time neural networks with switching parameters and time-varying delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 1957-72	10.3	152
296	Consensus of multi-agent systems with Luenberger observers. <i>Journal of the Franklin Institute</i> , <b>2013</b> , 350, 2769-2790	4	32
295	Relationships between asymptotic stability and exponential stability of positive delay systems. <i>International Journal of General Systems</i> , <b>2013</b> , 42, 224-238	2.1	38
294	Dissipative control for linear systems by static output feedback. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1566-1576	2.3	20
293	Simultaneous Optimization of Damper Parameters and Controllers for Building Vibration Attenuation over Finite Frequency Band. <i>Asian Journal of Control</i> , <b>2013</b> , 15, 1589-1598	1.7	4
292	Realization of a Special Class of Admittances with One Damper and One Inerter for Mechanical Control. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 1841-1846	5.9	49
291	Semi-Global Leader-Following Consensus of Linear Multi-Agent Systems With Input Saturation via Low Gain Feedback. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2013</b> , 60, 1881-1889	3.9	34 <sup>o</sup>
290	Reduced-order dissipative filtering for discrete-time singular systems <b>2013</b> ,		1
289	Stability and Stabilization for Markovian Jump Time-Delay Systems With Partially Unknown Transition Rates. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2013</b> , 60, 341-351	3.9	57
288	Decentralized Control of Compartmental Networks With $H_{\infty}$ Tracking Performance. <i>IEEE Transactions on Industrial Electronics</i> , <b>2013</b> , 60, 546-553	8.9	14
287	Joint optimization approach to building vibration control via multiple active tuned mass dampers. <i>Mechatronics</i> , <b>2013</b> , 23, 355-368	3	11
286	Positive definite solutions of the nonlinear matrix equation $X+AHX^{-1}A=I$ . <i>Applied Mathematics and Computation</i> , <b>2013</b> , 219, 7377-7391	2.7	26
285	$H_{\infty}$ -induced norm and controller synthesis of positive systems. <i>Automatica</i> , <b>2013</b> , 49, 1377-1385	5.7	17 <sup>o</sup>
284	Consensus control of multi-agent systems with missing data in actuators and Markovian communication failure. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1867-1878	2.3	39
283	$H_2$ performance analysis with transients for singular systems <b>2013</b> ,		1

282	Reliable Dissipative Control for Singular Markovian Systems. <i>Asian Journal of Control</i> , <b>2013</b> , 15, 901-910	1.7	38
281	Mixed Additive/Multiplicative H <sub>∞</sub> Model Reduction. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2013</b> , 135,	1.6	3
280	Effects of secondary loudspeaker properties on broadband feedforward active duct noise control. <i>Journal of the Acoustical Society of America</i> , <b>2013</b> , 134, 257-63	2.2	1
279	Direct voltage control of magnetorheological damper for vehicle suspensions. <i>Smart Materials and Structures</i> , <b>2013</b> , 22, 105016	3.4	43
278	Reduced-order H <sub>∞</sub> filtering for commensurate fractional-order systems <b>2013</b> ,		1
277	Output feedback sliding mode control under networked environment. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 750-759	2.3	20
276	Semi-global stabilization of linear time-delay systems with control energy constraint. <i>Automatica</i> , <b>2012</b> , 48, 694-698	5.7	21
275	On the synthesis of linear filters for polynomial systems. <i>Systems and Control Letters</i> , <b>2012</b> , 61, 31-36	2.4	16
274	Fuzzy-model-based robust fault detection with stochastic mixed time delays and successive packet dropouts. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2012</b> , 42, 365-76		204
273	Stability and dissipativity analysis of static neural networks with time delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2012</b> , 23, 199-210	10.3	196
272	On global asymptotic stability for a class of delayed neural networks. <i>International Journal of Circuit Theory and Applications</i> , <b>2012</b> , 40, 1165-1174	2	26
271	Stability Analysis of Markovian Jump Systems with Multiple Delay Components and Polytopic Uncertainties. <i>Circuits, Systems, and Signal Processing</i> , <b>2012</b> , 31, 143-162	2.2	3
270	Computer-Aided Design and Optimization of High-Efficiency LLC Series Resonant Converter. <i>IEEE Transactions on Power Electronics</i> , <b>2012</b> , 27, 3243-3256	7.2	126
269	Realization of a special class of admittances with one damper and one inerter <b>2012</b> ,		2
268	Optimal time-weighted H <sub>2</sub> model reduction for Markovian jump systems. <i>International Journal of Control</i> , <b>2012</b> , 85, 613-628	1.5	13
267	On Exponential Almost Sure Stability of Random Jump Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 3064-3077	5.9	36
266	Passivity criteria for continuous-time neural networks with mixed time-varying delays. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 218, 11062-11074	2.7	51
265	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2012</b> , 20, 820-831	8.3	20

264	Two-Stage Optimization Method for Efficient Power Converter Design Including Light Load Operation. <i>IEEE Transactions on Power Electronics</i> , <b>2012</b> , 27, 1327-1337	7.2	26
263	Robust reliable dissipative filtering for discrete delay singular systems. <i>Signal Processing</i> , <b>2012</b> , 92, 3010-3025	7.1	79
262	Integral partitioning approach to robust stabilization for uncertain distributed time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 676-689	3.6	61
261	Positive state-bounding observer for positive interval continuous-time systems with time delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 1244-1257	3.6	54
260	Recursive filtering for a class of nonlinear systems with missing measurements <b>2012</b> ,		1
259	Asynchronous output-feedback stabilization of discrete-time Markovian jump linear systems <b>2012</b> ,		8
258	H <sub>∞</sub> and Passivity Control via Static and Integral Output Feedback for Systems With Input Delay. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2012</b> , 134,	1.6	2
257	Stability and dissipativity analysis of distributed delay cellular neural networks. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 976-81		159
256	Integral Partitioning Approach to Stability Analysis and Stabilization of Distributed Time Delay Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 5094-5099		1
255	Semi-Global Stabilization of Linear Time-Delay Systems with Input Energy Constraint. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 5106-5111		
254	Dissipativity analysis of singular time-delay systems. <i>Automatica</i> , <b>2011</b> , 47, 2548-2552	5.7	143
253	Synchronization in networks of genetic oscillators with delayed coupling. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 713-725	1.7	23
252	Stabilization for TS model based uncertain stochastic systems. <i>Information Sciences</i> , <b>2011</b> , 181, 779-791	7.7	32
251	Robust Stability for Interval Stochastic Neural Networks with Time-Varying Discrete and Distributed Delays. <i>Differential Equations and Dynamical Systems</i> , <b>2011</b> , 19, 97-118	0.8	17
250	Decay rate constrained stabilization of positive systems using static output feedback. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 44-54	3.6	57
249	Delay-dependent robust H <sub>∞</sub> controller synthesis for discrete singular delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 1880-1902	3.6	44
248	Robust guaranteed cost control of discrete-time networked control systems. <i>Optimal Control Applications and Methods</i> , <b>2011</b> , 32, 95-112	1.7	48
247	New results on H <sub>∞</sub> filtering for fuzzy systems with interval time-varying delays. <i>Information Sciences</i> , <b>2011</b> , 181, 2356-2369	7.7	39

246	Further Results on Exponential Estimates of Markovian Jump Systems With Mode-Dependent Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 223-229	5.9	114
245	Distributed H <sub>∞</sub> Filtering for repeated scalar nonlinear systems with random packet losses in sensor networks. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 1507-1519	2.3	31
244	Disturbance analysis of nonlinear differential equation models of genetic SUM regulatory networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2011</b> , 8, 253-9	3	13
243	Estimates of the spectral condition number. <i>Linear and Multilinear Algebra</i> , <b>2011</b> , 59, 249-260	0.7	4
242	Robust distributed state estimation for sensor networks with multiple stochastic communication delays. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 1459-1471	2.3	43
241	Positive operator based iterative algorithms for solving Lyapunov equations for Itô stochastic systems with Markovian jumps. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 8179-8195	2.7	20
240	Positivity-preserving . <i>Automatica</i> , <b>2011</b> , 47, 1504-1511	5.7	62
239	Toward solution of matrix equation . <i>Linear Algebra and Its Applications</i> , <b>2011</b> , 435, 1370-1398	0.9	61
238	Variance-constrained dissipative observer-based control for a class of nonlinear stochastic systems with degraded measurements. <i>Journal of Mathematical Analysis and Applications</i> , <b>2011</b> , 377, 645-658	1.1	17
237	Design of structured dynamic output-feedback controllers for interconnected systems. <i>International Journal of Control</i> , <b>2011</b> , 84, 2081-2091	1.5	39
236	Stabilization of Markovian Systems via Probability Rate Synthesis and Output Feedback. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 773-777	5.9	33
235	Gradient-based maximal convergence rate iterative method for solving linear matrix equations. <i>International Journal of Computer Mathematics</i> , <b>2010</b> , 87, 515-527	1.2	30
234	$H_{\infty}$ Positive Filtering for Positive Linear Discrete-Time Systems: An Augmentation Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 2337-2342	5.9	80
233	Internal positivity preserved model reduction. <i>International Journal of Control</i> , <b>2010</b> , 83, 575-584	1.5	31
232	Necessary and Sufficient Conditions for Analysis and Synthesis of Markov Jump Linear Systems With Incomplete Transition Descriptions. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 1695-1701	5.9	384
231	Stabilization of Networked Control Systems via Dynamic Output-Feedback Controllers. <i>SIAM Journal on Control and Optimization</i> , <b>2010</b> , 48, 3643-3658	1.9	63
230	On the transient and steady-state estimates of interval genetic regulatory networks. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 336-49		38
229	Robust state estimation for stochastic genetic regulatory networks. <i>International Journal of Systems Science</i> , <b>2010</b> , 41, 47-63	2.3	72



228	Robust incoherent control of qubit systems via switching and optimisation. <i>International Journal of Control</i> , <b>2010</b> , 83, 206-217	1.5	26
227	H $\infty$ Filtering for Systems with Delays and Time-varying Nonlinear Parameters. <i>Circuits, Systems, and Signal Processing</i> , <b>2010</b> , 29, 601-627	2.2	6
226	Full delayed state feedback pole assignment of discrete-time time-delay systems. <i>Optimal Control Applications and Methods</i> , <b>2010</b> , 31, 155-169	1.7	19
225	On the absolute stability approach to quantized feedback control. <i>Automatica</i> , <b>2010</b> , 46, 337-346	5.7	54
224	Static output-feedback stabilization of discrete-time Markovian jump linear systems: A system augmentation approach. <i>Automatica</i> , <b>2010</b> , 46, 687-694	5.7	104
223	Absolute exponential stability criteria for a class of nonlinear time-delay systems. <i>Nonlinear Analysis: Real World Applications</i> , <b>2010</b> , 11, 1963-1976	2.1	24
222	Global stabilization and restricted tracking with bounded feedback for multiple oscillator systems. <i>Systems and Control Letters</i> , <b>2010</b> , 59, 414-422	2.4	19
221	A delay-partitioning approach to the stability analysis of discrete-time systems. <i>Automatica</i> , <b>2010</b> , 46, 610-614	5.7	171
220	Stabilization for state/input delay systems via static and integral output feedback. <i>Automatica</i> , <b>2010</b> , 46, 2000-2007	5.7	48
219	Non-Fragile Exponential Stability Assignment of Discrete-Time Linear Systems With Missing Data in Actuators. <i>IEEE Transactions on Automatic Control</i> , <b>2009</b> , 54, 625-630	5.9	59
218	Fault Detection for Fuzzy Systems With Intermittent Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 398-410	8.3	182
217	Improved stability and stabilization results for discrete singular delay systems via delay partitioning <b>2009</b> ,		4
216	State estimation for Markov-type genetic regulatory networks with delays and uncertain mode transition rates. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 4328-4337	2.3	104
215	On Smith-type iterative algorithms for the Stein matrix equation. <i>Applied Mathematics Letters</i> , <b>2009</b> , 22, 1038-1044	3.5	62
214	Control and filtering for discrete linear repetitive processes with $\mathcal{H}_\infty$ and $\mathcal{L}_2$ performance. <i>Multidimensional Systems and Signal Processing</i> , <b>2009</b> , 20, 235-264	1.8	15
213	Finite-time functional observers for descriptor systems. <i>International Journal of Control, Automation and Systems</i> , <b>2009</b> , 7, 341-347	2.9	10
212	A Generalized Parameter-Dependent Approach to Robust $H_\infty$ Filtering of Stochastic Systems. <i>Circuits, Systems, and Signal Processing</i> , <b>2009</b> , 28, 191-204	2.2	8
211	New Stability Criteria for Neural Networks with Distributed and Probabilistic Delays. <i>Circuits, Systems, and Signal Processing</i> , <b>2009</b> , 28, 505-522	2.2	28

210	Weighted $H_2$ Filtering of Switched Systems with Time-Varying Delay: Average Dwell Time Approach. <i>Circuits, Systems, and Signal Processing</i> , <b>2009</b> , 28, 1017-1036	2.2	51
209	Network-based $H_2$ Control for stochastic systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 295-312	3.6	35
208	An augmented system approach to static output-feedback stabilization with $H_2$ performance for continuous-time plants. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 768-785	3.6	57
207	New passivity criteria for neural networks with time-varying delay. <i>Neural Networks</i> , <b>2009</b> , 22, 864-8	9.1	89
206	Robust stabilization of uncertain T $\Sigma$ fuzzy time-delay systems with exponential estimates. <i>Fuzzy Sets and Systems</i> , <b>2009</b> , 160, 1720-1737	3.7	44
205	An ARE approach to semi-global stabilization of discrete-time descriptor linear systems with input saturation. <i>Systems and Control Letters</i> , <b>2009</b> , 58, 609-616	2.4	17
204	Stability analysis of static recurrent neural networks using delay-partitioning and projection. <i>Neural Networks</i> , <b>2009</b> , 22, 343-7	9.1	68
203	Spectral properties of sums of certain Kronecker products. <i>Linear Algebra and Its Applications</i> , <b>2009</b> , 431, 1691-1701	0.9	12
202	Deconvolution filtering for stochastic systems via homogeneous polynomial Lyapunov functions. <i>Signal Processing</i> , <b>2009</b> , 89, 605-614	4.4	28
201	Persistent disturbance rejection via state feedback for networked control systems. <i>Chaos, Solitons and Fractals</i> , <b>2009</b> , 40, 382-391	9.3	11
200	Robust admissibility of time-varying singular systems with commensurate time delays. <i>Automatica</i> , <b>2009</b> , 45, 2714-2717	5.7	42
199	Improved exponential estimates for neutral systems. <i>Asian Journal of Control</i> , <b>2009</b> , 11, 261-270	1.7	5
198	On stability and stabilizability of positive delay systems. <i>Asian Journal of Control</i> , <b>2009</b> , 11, 226-234	1.7	38
197	Stabilization of Networked Control Systems With a Logic ZOH. <i>IEEE Transactions on Automatic Control</i> , <b>2009</b> , 54, 358-363	5.9	194
196	On positive filtering with $H_2$ performance for compartmental networks. <i>International Journal of Systems Science</i> , <b>2009</b> , 40, 961-971	2.3	7
195	Partial feedback control of quantum systems using probabilistic fuzzy estimator <b>2009</b> ,		6
194	Robust filtering for stochastic genetic regulatory networks with time-varying delay. <i>Mathematical Biosciences</i> , <b>2009</b> , 220, 73-80	3.9	44
193	Robust $H_2$ control of Markovian jump systems with uncertain switching probabilities. <i>International Journal of Systems Science</i> , <b>2009</b> , 40, 255-265	2.3	110

192	Stability and Stabilization of Delayed T-S Fuzzy Systems: A Delay Partitioning Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 750-762	8.3	233
191	Stability analysis of discrete-time recurrent neural networks with stochastic delay. <i>IEEE Transactions on Neural Networks</i> , <b>2009</b> , 20, 1330-9		28
190	H <sub>∞</sub> model reduction for continuous-time switched stochastic hybrid systems. <i>International Journal of Systems Science</i> , <b>2009</b> , 40, 1241-1251	2.3	15
189	Positive observers for positive interval linear discrete-time delay systems <b>2009</b> ,		9
188	$H_{\infty}$ Fuzzy Filtering of Nonlinear Systems With Intermittent Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 291-300	8.3	219
187	Stabilization of Systems With Probabilistic Interval Input Delays and Its Applications to Networked Control Systems. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2009</b> , 39, 939-945		142
186	Stability analysis and stabilization for discrete-time fuzzy systems with time-varying delay. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 306-17		142
185	Robust Stability For Uncertain Discrete Singular Systems With State Delay. <i>Asian Journal of Control</i> , <b>2008</b> , 5, 399-405	1.7	34
184	IMPROVED CONDITIONS FOR DELAY-DEPENDENT ROBUST STABILITY AND STABILIZATION OF UNCERTAIN DISCRETE TIME-DELAY SYSTEMS. <i>Asian Journal of Control</i> , <b>2008</b> , 7, 344-348	1.7	41
183	A NEW LMI CONDITION FOR DELAY-DEPENDENT ROBUST STABILITY OF STOCHASTIC TIME-DELAY SYSTEMS. <i>Asian Journal of Control</i> , <b>2008</b> , 7, 419-423	1.7	58
182	STABILIZATION AND H <sub>∞</sub> CONTROL FOR UNCERTAIN STOCHASTIC TIME-DELAY SYSTEMS VIA NON-FRAGILE CONTROLLERS. <i>Asian Journal of Control</i> , <b>2008</b> , 8, 197-200	1.7	38
181	STABILITY ANALYSIS OF UNCERTAIN DISCRETE-TIME SYSTEMS WITH TIME-VARYING STATE DELAY: A PARAMETER-DEPENDENT LYAPUNOV FUNCTION APPROACH. <i>Asian Journal of Control</i> , <b>2008</b> , 8, 433-440	1.7	9
180	Global exponential estimates of stochastic interval neural networks with discrete and distributed delays. <i>Neurocomputing</i> , <b>2008</b> , 71, 2950-2963	5.4	25
179	Exponential estimates and stabilization of uncertain singular systems with discrete and distributed delays. <i>International Journal of Control</i> , <b>2008</b> , 81, 865-882	1.5	83
178	Analysis and Synthesis of Markov Jump Linear Systems With Time-Varying Delays and Partially Known Transition Probabilities. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 2458-2464	5.9	366
177	A survey of linear matrix inequality techniques in stability analysis of delay systems. <i>International Journal of Systems Science</i> , <b>2008</b> , 39, 1095-1113	2.3	298
176	A new criterion of delay-dependent asymptotic stability for Hopfield neural networks with time delay. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 532-5		174
175	Positive Observers and Dynamic Output-Feedback Controllers for Interval Positive Linear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2008</b> , 55, 3209-3222	3.9	170

174	Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 2448-2457	5.9	114
173	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2008</b> , 55, 2813-2826	3.9	12
172	Neural Adaptive Sliding Mode Control for a Class of Nonlinear Neutral Delay Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2008</b> , 130,	1.6	16
171	Time-Multiplied Guaranteed Cost Control of Linear Delay Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2008</b> , 130,	1.6	5
170	DELAY-DEPENDENT ASYMPTOTIC STABILITY OF NEURAL NETWORKS WITH TIME-VARYING DELAYS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2008</b> , 18, 245-250	2.4	24
169	Mixed H <sub>2</sub> /H <sub>∞</sub> Control of Discrete-Time Markovian Jump Systems via Static Output-Feedback Controllers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 5909-5914	1	1
168	A Delay-Partitioning Projection Approach to Stability Analysis of Neutral Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 12348-12353	1	1
167	Iterative solutions of coupled discrete Markovian jump Lyapunov equations. <i>Computers and Mathematics With Applications</i> , <b>2008</b> , 55, 843-850	2.7	26
166	Convergence of gradient-based iterative solution of coupled Markovian jump Lyapunov equations. <i>Computers and Mathematics With Applications</i> , <b>2008</b> , 56, 3070-3078	2.7	32
165	Hankel-type model reduction for linear repetitive processes: differential and discrete cases. <i>Multidimensional Systems and Signal Processing</i> , <b>2008</b> , 19, 41-78	1.8	10
164	Convex Optimization Approaches to Robust L1 Fixed-Order Filtering for Polytopic Systems with Multiple Delays. <i>Circuits, Systems, and Signal Processing</i> , <b>2008</b> , 27, 1-22	2.2	7
163	An improved characterization of bounded realness for singular delay systems and its applications. <i>International Journal of Robust and Nonlinear Control</i> , <b>2008</b> , 18, 263-277	3.6	101
162	Feedback control with signal transmission after-effects. <i>International Journal of Robust and Nonlinear Control</i> , <b>2008</b> , 18, 351-363	3.6	8
161	Optimal stabilizing controllers for linear discrete-time stochastic systems. <i>Optimal Control Applications and Methods</i> , <b>2008</b> , 29, 243-253	1.7	12
160	Output Feedback Stabilization of Uncertain Time-Delay Systems Containing Saturating Actuators. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2008</b> , 9, 183-190	2	2
159	Sliding mode control of switched hybrid systems with time-varying delay. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2008</b> , 22, 909-931	2.8	122
158	Robust H <sub>∞</sub> Filtering for uncertain differential linear repetitive processes. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2008</b> , 22, 243-265	2.8	22
157	Stabilization of generalized Hamiltonian systems with internally generated energy and applications to power systems. <i>Nonlinear Analysis: Real World Applications</i> , <b>2008</b> , 9, 1202-1223	2.1	7

156	Parameter-dependent input-delayed control of uncertain vehicle suspensions. <i>Journal of Sound and Vibration</i> , <b>2008</b> , 317, 537-556	3.9	69
155	A new delay system approach to network-based control. <i>Automatica</i> , <b>2008</b> , 44, 39-52	5.7	892
154	Positive real control for 2-D discrete delayed systems via output feedback controllers. <i>Journal of Computational and Applied Mathematics</i> , <b>2008</b> , 216, 87-97	2.4	13
153	Stabilisation of hybrid stochastic differential equations by delay feedback control. <i>Systems and Control Letters</i> , <b>2008</b> , 57, 927-935	2.4	94
152	Robust H $\infty$ Control and Filtering of Networked Control Systems <b>2008</b> , 121-151		1
151	Global Exponential Estimates of Stochastic Cohen-Grossberg Neural Networks with Time Delay <b>2007</b> ,		1
150	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2007</b> , 15, 188-199	8.3	87
149	Stability analysis for continuous systems with two additive time-varying delay components. <i>Systems and Control Letters</i> , <b>2007</b> , 56, 16-24	2.4	253
148	Reduced-order filtering for singular systems. <i>Systems and Control Letters</i> , <b>2007</b> , 56, 48-57	2.4	110
147	Corrigendum to Stability analysis for continuous systems with two additive time-varying delay components $\square$ <i>Systems and Control Letters</i> , <b>2007</b> , 56, 662	2.4	1
146	Robust exponential stabilization for Markovian jump systems with mode-dependent input delay. <i>Automatica</i> , <b>2007</b> , 43, 1799-1807	5.7	81
145	Filtering for a class of nonlinear discrete-time stochastic systems with state delays. <i>Journal of Computational and Applied Mathematics</i> , <b>2007</b> , 201, 153-163	2.4	58
144	filtering of discrete-time fuzzy systems via basis-dependent Lyapunov function approach. <i>Fuzzy Sets and Systems</i> , <b>2007</b> , 158, 180-193	3.7	101
143	Discrete bilinear stochastic systems with time-varying delay: Stability analysis and control synthesis. <i>Chaos, Solitons and Fractals</i> , <b>2007</b> , 34, 394-404	9.3	49
142	Stabilization of linear systems over networks with bounded packet loss. <i>Automatica</i> , <b>2007</b> , 43, 80-87	5.7	463
141	Robust stability of uncertain discrete-time singular fuzzy systems. <i>Fuzzy Sets and Systems</i> , <b>2007</b> , 158, 2306-2316	3.7	72
140	Constrained H $_2$ approximation of multiple input-output delay systems using genetic algorithm. <i>ISA Transactions</i> , <b>2007</b> , 46, 211-21	5.5	3
139	New Versions of Bounded Real Lemmas for Continuous and Discrete Uncertain Systems. <i>Circuits, Systems, and Signal Processing</i> , <b>2007</b> , 26, 829-838	2.2	10

138	ROBUST SYNCHRONIZATION CRITERIA FOR RECURRENT NEURAL NETWORKS VIA LINEAR FEEDBACK. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2007</b> , 17, 2723-2738	2	9
137	Dynamic output feedback $H_{\infty}$ control of discrete-time fuzzy systems: a fuzzy-basis-dependent Lyapunov function approach. <i>International Journal of Systems Science</i> , <b>2007</b> , 38, 25-37	2.3	76
136	On Equivalence and Efficiency of Certain Stability Criteria for Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2007</b> , 52, 95-101	5.9	198
135	Delay-Dependent $H_{\infty}$ Control and Filtering for Uncertain Markovian Jump Systems With Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>2007</b> , 54, 2070-2077		432
134	Robust control of descriptor discrete-time Markovian jump systems. <i>International Journal of Control</i> , <b>2007</b> , 80, 374-385	1.5	123
133	Modelling of a magneto-rheological damper by evolving radial basis function networks. <i>Engineering Applications of Artificial Intelligence</i> , <b>2006</b> , 19, 869-881	7.2	58
132	A New Model for Time-delay Systems with Application to Network Based Control <b>2006</b> ,		12
131	Delay-dependent stability condition for uncertain linear 2-D state-delayed systems <b>2006</b> ,		9
130	Controller reduction with error performance: continuous- and discrete-time cases. <i>International Journal of Control</i> , <b>2006</b> , 79, 604-616	1.5	7
129	Global point dissipativity of neural networks with mixed time-varying delays. <i>Chaos</i> , <b>2006</b> , 16, 013105	3.3	46
128	Energy-to-Peak Model Reduction for 2-D Discrete Systems in Fornasini-Marchesini Form. <i>European Journal of Control</i> , <b>2006</b> , 12, 420-430	2.5	4
127	Delay-Dependent $H_2$ Suboptimal $H_1$ Model Reduction for Neutral Systems With Time-Varying Delays. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2006</b> , 128, 394-399	1.6	4
126	New results on delay-dependent robust . <i>Automatica</i> , <b>2006</b> , 42, 343-348	5.7	179
125	Robust stabilization of Markovian delay systems with delay-dependent exponential estimates. <i>Automatica</i> , <b>2006</b> , 42, 2001-2008	5.7	77
124	Energy-to-peak performance controller design for building via static output feedback under consideration of actuator saturation. <i>Computers and Structures</i> , <b>2006</b> , 84, 2277-2290	4.5	28
123	A new approach to exponential stability analysis of neural networks with time-varying delays. <i>Neural Networks</i> , <b>2006</b> , 19, 76-83	9.1	141
122	Global exponential stability of impulsive high-order BAM neural networks with time-varying delays. <i>Neural Networks</i> , <b>2006</b> , 19, 1581-90	9.1	129
121	Stabilization of discrete-time Markovian jump linear systems via time-delayed controllers. <i>Automatica</i> , <b>2006</b> , 42, 747-753	5.7	150

120	New criteria for synchronization stability of general complex dynamical networks with coupling delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 360, 263-273	2.3	272
119	Multi-objective control of vehicle active suspension systems via load-dependent controllers. <i>Journal of Sound and Vibration</i> , <b>2006</b> , 290, 654-675	3.9	164
118	Razumikhin method and exponential stability of hybrid stochastic delay interval systems. <i>Journal of Mathematical Analysis and Applications</i> , <b>2006</b> , 314, 45-66	1.1	63
117	Robust energy-to-peak filter design for stochastic time-delay systems. <i>Systems and Control Letters</i> , <b>2006</b> , 55, 101-111	2.4	216
116	Model simplification for switched hybrid systems. <i>Systems and Control Letters</i> , <b>2006</b> , 55, 1015-1021	2.4	91
115	Delay-Dependent Exponential Estimates of Stochastic Neural Networks with Time Delay. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 332-341	0.9	1
114	Adaptive H $\infty$ Control Using Backstepping Design and Neural Networks. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2005</b> , 127, 478-485	1.6	25
113	Further results on local stability of REM algorithm with time-varying delays. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 402-404	3.8	6
112	Improved global robust asymptotic stability criteria for delayed cellular neural networks. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2005</b> , 35, 1317-21		62
111	Exponential epsilon-regulation for multi-input nonlinear systems using neural networks. <i>IEEE Transactions on Neural Networks</i> , <b>2005</b> , 16, 1710-4		6
110	Delay-dependent and delay-independent energy-to-peak model approximation for systems with time-varying delay. <i>International Journal of Systems Science</i> , <b>2005</b> , 36, 445-460	2.3	25
109	ROBUST H $\infty$ CONTROL OF MARKOVIAN JUMP LINEAR SYSTEMS WITH UNCERTAIN SWITCHING PROBABILITIES. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2005</b> , 38, 417-422		
108	Robust integral sliding mode control for uncertain stochastic systems with time-varying delay. <i>Automatica</i> , <b>2005</b> , 41, 873-880	5.7	380
107	On robust stabilization of Markovian jump systems with uncertain switching probabilities. <i>Automatica</i> , <b>2005</b> , 41, 897-903	5.7	399
106	Semi-active control of vehicle suspension with magneto-rheological dampers. <i>Journal of Sound and Vibration</i> , <b>2005</b> , 283, 981-996	3.9	246
105	Novel global robust stability criteria for interval neural networks with multiple time-varying delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 342, 322-330	2.3	105
104	Observer design and stabilization for linear neutral delay systems. <i>ISA Transactions</i> , <b>2005</b> , 44, 35-42	5.5	9
103	Bounded real lemma and robust control of 2-D singular Roesser models. <i>Systems and Control Letters</i> , <b>2005</b> , 54, 339-346	2.4	16

102	New characterization of positive realness and control of a class of uncertain polytopic discrete-time systems. <i>Systems and Control Letters</i> , <b>2005</b> , 54, 417-427	2.4	18
101	Delay-dependent exponential stability for a class of neural networks with time delays. <i>Journal of Computational and Applied Mathematics</i> , <b>2005</b> , 183, 16-28	2.4	160
100	Robust $H_{\infty}$ control for discrete-time fuzzy systems via basis-dependent Lyapunov functions. <i>Information Sciences</i> , <b>2005</b> , 174, 197-217	7.7	123
99	Network-based robust . <i>Automatica</i> , <b>2005</b> , 41, 999-1007	5.7	753
98	Non-fragile guaranteed cost control for uncertain descriptor systems with time-varying state and input delays. <i>Optimal Control Applications and Methods</i> , <b>2005</b> , 26, 85-105	1.7	62
97	$H_{\infty}$ model reduction for uncertain two-dimensional discrete systems. <i>Optimal Control Applications and Methods</i> , <b>2005</b> , 26, 199-227	1.7	38
96	Robust Positive Real Synthesis for 2D Continuous Systems via State and Output Feedback. <i>Circuits, Systems, and Signal Processing</i> , <b>2005</b> , 24, 183-199	2.2	5
95	Mixed $H_2/H_{\infty}$ Filtering for Continuous-Time Polytopic Systems: A Parameter-Dependent Approach. <i>Circuits, Systems, and Signal Processing</i> , <b>2005</b> , 24, 689-702	2.2	22
94	Robust $H_{\infty}$ Filtering for Uncertain Discrete Stochastic Systems with Time Delays. <i>Circuits, Systems, and Signal Processing</i> , <b>2005</b> , 24, 753-770	2.2	34
93	Stability and Stabilization of Uncertain 2-D Discrete Systems with Stochastic Perturbation. <i>Multidimensional Systems and Signal Processing</i> , <b>2005</b> , 16, 85-106	1.8	47
92	$H_{\infty}$ Model Reduction of 2-D Singular Roesser Models. <i>Multidimensional Systems and Signal Processing</i> , <b>2005</b> , 16, 285-304	1.8	17
91	Further results on delay-dependent robust stability conditions of uncertain neutral systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2005</b> , 15, 233-246	3.6	75
90	Design of Non-Fragile $H_{\infty}$ Controller for Active Vehicle Suspensions. <i>JVC/Journal of Vibration and Control</i> , <b>2005</b> , 11, 225-243	2	43
89	$H_{\infty}$ disturbance attenuation for uncertain mechanical systems with input delay. <i>Transactions of the Institute of Measurement and Control</i> , <b>2005</b> , 27, 37-52	1.8	35
88	CONVERGENCE OF DISCRETE-TIME RECURRENT NEURAL NETWORKS WITH VARIABLE DELAY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2005</b> , 15, 581-595	2	56
87	DELAY-DEPENDENT APPROACH TO STABILIZATION OF TIME-DELAY CHAOTIC SYSTEMS VIA STANDARD AND DELAYED FEEDBACK CONTROLLERS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2005</b> , 15, 1455-1465	2	9
86	Hankel norm approximation of linear systems with time-varying delay: continuous and discrete cases. <i>International Journal of Control</i> , <b>2004</b> , 77, 1503-1520	1.5	32
85	Reliable observer-based $H_{\infty}$ control of uncertain state-delayed systems. <i>International Journal of Systems Science</i> , <b>2004</b> , 35, 707-718	2.3	13



84	Exponential stability of high-order bidirectional associative memory neural networks with time delays. <i>Physica D: Nonlinear Phenomena</i> , <b>2004</b> , 199, 425-436	3.3	175
83	Robust Fault Detection of Markovian Jump Systems. <i>Circuits, Systems, and Signal Processing</i> , <b>2004</b> , 23, 387-407	2.2	26
82	Robust H <sub>∞</sub> Filtering for 2D Stochastic Systems. <i>Circuits, Systems, and Signal Processing</i> , <b>2004</b> , 23, 479-505	2.2	45
81	On H <sub>∞</sub> Filtering for a Class of Uncertain Nonlinear Neutral Systems. <i>Circuits, Systems, and Signal Processing</i> , <b>2004</b> , 23, 215-230	2.2	8
80	Robust H <sub>∞</sub> Control for discrete-time polytopic uncertain systems with linear fractional vertices. <i>Journal of Control Theory and Applications</i> , <b>2004</b> , 2, 75-81		4
79	Non-fragile H <sub>∞</sub> Vibration control for uncertain structural systems. <i>Journal of Sound and Vibration</i> , <b>2004</b> , 273, 1031-1045	3.9	32
78	Reliable memory feedback design for a class of non-linear time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2004</b> , 14, 39-60	3.6	25
77	Robust eigenstructure assignment with minimum subspace separation. <i>International Journal of Robust and Nonlinear Control</i> , <b>2004</b> , 14, 1227-1253	3.6	3
76	Robust H <sub>∞</sub> Control for uncertain discrete stochastic time-delay systems. <i>Systems and Control Letters</i> , <b>2004</b> , 51, 203-215	2.4	99
75	Robust stability and stabilisation of 2D discrete state-delayed systems. <i>Systems and Control Letters</i> , <b>2004</b> , 51, 277-291	2.4	130
74	Non-fragile positive real control for uncertain linear neutral delay systems. <i>Systems and Control Letters</i> , <b>2004</b> , 52, 59-74	2.4	57
73	Global robust exponential stability analysis for interval recurrent neural networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 325, 124-133	2.3	104
72	Robust output feedback stabilization for two-dimensional continuous systems in roesser form. <i>Applied Mathematics Letters</i> , <b>2004</b> , 17, 1331-1341	3.5	51
71	Exponential filter design for uncertain Takagi-Sugeno fuzzy systems with time delay. <i>Engineering Applications of Artificial Intelligence</i> , <b>2004</b> , 17, 645-659	7.2	65
70	H <sub>∞</sub> Model reduction for discrete time-delay systems: delay-independent and dependent approaches. <i>International Journal of Control</i> , <b>2004</b> , 77, 321-335	1.5	63
69	Robust H <sub>∞</sub> Control for Uncertain Fuzzy Neutral Delay Systems. <i>European Journal of Control</i> , <b>2004</b> , 10, 365-380	2.5	23
68	Positive Real Control for Uncertain Singular Time-Delay Systems via Output Feedback Controllers. <i>European Journal of Control</i> , <b>2004</b> , 10, 293-302	2.5	3
67	Robust Stability Analysis for Descriptor Systems with State Delay and Parameter Uncertainty □ <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2004</b> , 37, 803-807		

66	Delay-dependent stochastic stability and $H_2$ analysis for time-delay systems with Markovian jumping parameters. <i>Journal of the Franklin Institute</i> , <b>2003</b> , 340, 423-434	4	75
65	Robust Stabilization of Delayed Singular Systems with Linear Fractional Parametric Uncertainties. <i>Circuits, Systems, and Signal Processing</i> , <b>2003</b> , 22, 579-588	2.2	60
64	Non-fragile output feedback $H_2$ vehicle suspension control using genetic algorithm. <i>Engineering Applications of Artificial Intelligence</i> , <b>2003</b> , 16, 667-680	7.2	94
63	An LMI approach to design robust fault detection filter for uncertain LTI systems. <i>Automatica</i> , <b>2003</b> , 39, 543-550	5.7	424
62	$H_2$ model reduction for discrete-time singular systems. <i>Systems and Control Letters</i> , <b>2003</b> , 48, 121-133	2.4	33
61	$H_2$ model reduction of Markovian jump linear systems. <i>Systems and Control Letters</i> , <b>2003</b> , 50, 103-118	2.4	123
60	An LMI approach to guaranteed cost control for uncertain linear neutral delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2003</b> , 13, 35-53	3.6	56
59	Robust $H_2$ control for uncertain singular systems with state delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2003</b> , 13, 1213-1223	3.6	49
58	On gramians and balanced truncation of discrete-time bilinear systems. <i>International Journal of Control</i> , <b>2003</b> , 76, 414-427	1.5	44
57	Positive real control of two-dimensional systems: Roesser models and linear repetitive processes. <i>International Journal of Control</i> , <b>2003</b> , 76, 1047-1058	1.5	35
56	LMI approach to state-feedback stabilization of multidimensional systems. <i>International Journal of Control</i> , <b>2003</b> , 76, 1428-1436	1.5	37
55	Robust $H_2$ filtering for uncertain Markovian jump systems with mode-dependent time delays. <i>IEEE Transactions on Automatic Control</i> , <b>2003</b> , 48, 900-907	5.9	366
54	Robust observer design for non-linear interconnected systems using structural characteristics. <i>International Journal of Control</i> , <b>2003</b> , 76, 741-746	1.5	21
53	Robust $H_2$ control for uncertain linear neutral delay systems. <i>Optimal Control Applications and Methods</i> , <b>2002</b> , 23, 113-123	1.7	40
52	Robust hyperplane synthesis for sliding mode control systems via sensitivity minimization. <i>Optimal Control Applications and Methods</i> , <b>2002</b> , 23, 125-139	1.7	4
51	On $H_2$ model reduction of bilinear systems. <i>Automatica</i> , <b>2002</b> , 38, 205-216	5.7	126
50	Robust $H_2$ reliable control for a class of uncertain neutral delay systems. <i>International Journal of Systems Science</i> , <b>2002</b> , 33, 611-622	2.3	19
49	Robust stability analysis and stabilization for uncertain linear neutral delay systems. <i>International Journal of Systems Science</i> , <b>2002</b> , 33, 1195-1206	2.3	11

48	Saturated linear quadratic regulation of uncertain linear systems: Stability region estimation and controller design. <i>International Journal of Control</i> , <b>2002</b> , 75, 97-110	1.5	7
47	Robust Fault Detection for Uncertain Discrete-Time Systems. <i>Journal of Guidance, Control, and Dynamics</i> , <b>2002</b> , 25, 291-301	2.1	24
46	Stable controller synthesis for linear time-invariant systems. <i>International Journal of Control</i> , <b>2002</b> , 75, 154-162	1.5	10
45	Stability of Limit Cycles for Time-Delay Relay Feedback Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2001</b> , 34, 395-400		
44	Analysis on robust stability for interval descriptor systems. <i>Systems and Control Letters</i> , <b>2001</b> , 42, 267-278.	2.4	35
43	Quadratic stability and stabilization of uncertain linear discrete-time systems with state delay. <i>Systems and Control Letters</i> , <b>2001</b> , 43, 77-84	2.4	113
42	Robust $H_\infty$ control for uncertain discrete singular systems with pole placement in a disk. <i>Systems and Control Letters</i> , <b>2001</b> , 43, 85-93	2.4	14
41	Robust stabilization for uncertain discrete singular systems. <i>Automatica</i> , <b>2001</b> , 37, 769-774	5.7	45
40	A Constructive Approach to Stabilizability and Stabilization of a Class of nD Systems. <i>Multidimensional Systems and Signal Processing</i> , <b>2001</b> , 12, 329-343	1.8	21
39	$H_2$ model reduction for linear time-delay systems: Continuous-time case. <i>International Journal of Control</i> , <b>2001</b> , 74, 1062-1074	1.5	79
38	Robust stability of composite singular and impulsive interval uncertain dynamic systems with time delay. <i>International Journal of Systems Science</i> , <b>2001</b> , 32, 1297-1307	2.3	4
37	Reliable linear-quadratic control for symmetric composite systems. <i>International Journal of Systems Science</i> , <b>2001</b> , 32, 73-82	2.3	4
36	Optimal model reduction of discrete-time descriptor systems. <i>International Journal of Systems Science</i> , <b>2001</b> , 32, 575-583	2.3	10
35	Robust deadbeat pole assignment with gain constraints: an LMI optimization approach. <i>Optimal Control Applications and Methods</i> , <b>2000</b> , 21, 243-256	1.7	8
34	On simultaneous $H_\infty$ control and strong $H_2$ stabilization. <i>Automatica</i> , <b>2000</b> , 36, 859-865	5.7	32
33	On impulsive autoassociative neural networks. <i>Neural Networks</i> , <b>2000</b> , 13, 63-9	9.1	107
32	Computation of robust stability bounds for time-delay systems with nonlinear time-varying perturbations. <i>International Journal of Systems Science</i> , <b>2000</b> , 31, 359-365	2.3	72
31	Robust stabilization via state feedback for descriptor systems with uncertainties in the derivative matrix. <i>International Journal of Control</i> , <b>2000</b> , 73, 407-415	1.5	49

30	Decentralized robust control for nonlinear large-scale systems with similarity. <i>Computers and Electrical Engineering</i> , <b>1999</b> , 25, 169-179	4.3	15
29	Stochastic stabilizability and $H_2$ control for discrete-time jump linear systems with time delay. <i>Journal of the Franklin Institute</i> , <b>1999</b> , 336, 1263-1281	4	99
28	Neural computation for robust approximate pole assignment. <i>Neurocomputing</i> , <b>1999</b> , 25, 191-211	5.4	21
27	Simultaneous linear-quadratic optimal control design via static output feedback. <i>International Journal of Robust and Nonlinear Control</i> , <b>1999</b> , 9, 551-558	3.6	31
26	Pole assignment with eigenvalue and stability robustness. <i>International Journal of Control</i> , <b>1999</b> , 72, 1165-1174	5.5	25
25	An Optimal Differential Sensitivity Approach to Pole Assignment for Structurally Perturbed Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>1999</b> , 121, 410-417	1.6	
24	Decentralized stabilization for nonlinear similar composite systems with uncertainty. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 3444-3449		3
23	Optimal model reduction via delay approximation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 1933-1938		
22	Robust output feedback stabilization using genetic algorithm. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 1356-1359		
21	New lyapunov and riccati equations for discrete-time descriptor systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 1583-1588		1
20	A parametric optimization approach to discrete-time model reduction. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 1678-1683		
19	Further results on $H_2$ optimal model reduction. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 1684-1689		
18	Static Output Feedback Stabilization: An ILMI Approach. <i>Automatica</i> , <b>1998</b> , 34, 1641-1645	5.7	389
17	On computation of the stability radius for nonlinearly structured perturbations. <i>Systems and Control Letters</i> , <b>1998</b> , 34, 273-280	2.4	3
16	Robust Approximate Pole Assignment for Second-Order Systems: Neural Network Computation. <i>Journal of Guidance, Control, and Dynamics</i> , <b>1998</b> , 21, 923-929	2.1	12
15	Robust deadbeat regulation. <i>International Journal of Control</i> , <b>1997</b> , 67, 587-602	1.5	11
14	Regional pole assignment with eigenstructure robustness. <i>International Journal of Systems Science</i> , <b>1997</b> , 28, 507-515	2.3	7
13	Convergent algorithms for frequency weighted $L_2$ model reduction. <i>Systems and Control Letters</i> , <b>1997</b> , 31, 11-20	2.4	16

12	Pole assignment with optimal spectral conditioning. <i>Systems and Control Letters</i> , <b>1997</b> , 29, 241-253	2.4	29
11	On the stability of projections of balanced realizations. <i>Linear Algebra and Its Applications</i> , <b>1997</b> , 257, 163-182	0.9	6
10	Robust partial pole-placement via gradient flow. <i>Optimal Control Applications and Methods</i> , <b>1997</b> , 18, 371-379	1.7	13
9	Balanced model reduction of symmetric composite systems. <i>International Journal of Control</i> , <b>1996</b> , 65, 1031-1043	1.5	5
8	A gradient flow approach to the robust pole-placement problem. <i>International Journal of Robust and Nonlinear Control</i> , <b>1995</b> , 5, 175-185	3.6	55
7	Model reduction of delay systems using Pade approximants. <i>International Journal of Control</i> , <b>1993</b> , 57, 377-391	1.5	76
6	An application of H <sub>∞</sub> design to model-following. <i>International Journal of Control</i> , <b>1992</b> , 55, 483-509	1.5	9
5	Error bounds for Padé approximations of $e^z$ on the imaginary axis. <i>Journal of Approximation Theory</i> , <b>1992</b> , 69, 222-230	0.9	1
4	Comments on "New algorithm for minimal balanced realization of transfer function matrix"	1.5	2
3	Convergence of a class of Padé approximations for delay systems. <i>International Journal of Control</i> , <b>1990</b> , 52, 989-1008	1.5	32
2	Stabilisation of quadrotor aircraft with constrained controls. <i>International Journal of Systems Science</i> , 1-15	2.3	1
1	Intent inference in shared-control teleoperation system in consideration of user behavior. <i>Complex &amp; Intelligent Systems</i> , 1	7.1	