

Hamid Reza Karimi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1258877/hamid-reza-karimi-publications-by-citations.pdf>

Version: 2024-04-26

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.

566
papers

19,725
citations

80
h-index

117
g-index

653
ext. papers

23,303
ext. citations

3.5
avg, IF

8.12
L-index

#	Paper	IF	Citations
566	New delay-dependent exponential H_{∞} synchronization for uncertain neural networks with mixed time delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 173-85		397
565	Output-Feedback-Based H_{∞} Control for Vehicle Suspension Systems With Control Delay. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 436-446	8.9	389
564	Finite-Time Event-Triggered H_{∞} Control for TB Fuzzy Markov Jump Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3122-3135	8.3	336
563	Notice of Violation of IEEE Publication Principles: Robust Observer Design for Unknown Inputs Takagi-Sugeno Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 158-164	8.3	319
562	Notice of Violation of IEEE Publication Principles: Robust Delay-Dependent H_{∞} Control of Uncertain Time-Delay Systems With Mixed Neutral, Discrete, and Distributed Time-Delays and Markovian Switching Parameters. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011 , 58, 1618-1628	3.9	288
561	Notice of Violation of IEEE Publication Principles: Reliable Output Feedback Control of Discrete-Time Fuzzy Affine Systems With Actuator Faults. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 170-181	3.9	277
560	Data-driven design of robust fault detection system for wind turbines. <i>Mechatronics</i> , 2014 , 24, 298-306	3	268
559	Notice of Violation of IEEE Publication Principles: Dissipativity-Based Fuzzy Integral Sliding Mode Control of Continuous-Time T-S Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1164-1176	8.3	262
558	A sliding mode approach to H_{∞} synchronization of master-slave time-delay systems with Markovian jumping parameters and nonlinear uncertainties. <i>Journal of the Franklin Institute</i> , 2012 , 349, 1480-1496	4	245
557	A Robust Observer-Based Sensor Fault-Tolerant Control for PMSM in Electric Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 7671-7681	8.9	244
556	Approximation-Based Adaptive Fuzzy Tracking Control for a Class of Nonstrict-Feedback Stochastic Nonlinear Time-Delay Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 1746-1760	8.3	227
555	A sliding mode approach to H_{∞} non-fragile observer-based control design for uncertain Markovian neutral-type stochastic systems. <i>Automatica</i> , 2015 , 52, 218-226	5.7	217
554	Asynchronous Finite-Time Filtering of Networked Switched Systems and its Application: an Event-Driven Method. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 391-402	3.9	195
553	. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 1299-1307	8.9	181
552	New results on dynamic output feedback control for Markovian jump systems with time-varying delay and defective mode information. <i>Optimal Control Applications and Methods</i> , 2014 , 35, 656-675	1.7	172
551	Actuator and sensor faults estimation based on proportional integral observer for TS fuzzy model. <i>Journal of the Franklin Institute</i> , 2017 , 354, 2524-2542	4	171
550	. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 313-323	8.3	162

549	Adaptive Output-Feedback Controller Design for Switched Nonlinear Stochastic Systems With a Modified Average Dwell-Time Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1371-1382	7.3	158
548	Notice of Violation of IEEE Publication Principles: A Novel Robust Fuzzy Integral Sliding Mode Control for Nonlinear Semi-Markovian Jump TB Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3594-3604	8.3	158
547	New approach to delay-dependent . <i>Journal of the Franklin Institute</i> , 2015 , 352, 189-215	4	156
546	Disturbance observer-based disturbance attenuation control for a class of stochastic systems. <i>Automatica</i> , 2016 , 63, 21-25	5.7	156
545	Vibration analysis for bearing fault detection and classification using an intelligent filter. <i>Mechatronics</i> , 2014 , 24, 151-157	3	154
544	Observer-Based Adaptive SMC for Nonlinear Uncertain Singular Semi-Markov Jump Systems With Applications to DC Motor. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2951-2960	7.9	153
543	Stability and Stabilization for Singular Switching Semi-Markovian Jump Systems With Generally Uncertain Transition Rates. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 3919-3926	5.9	148
542	Notice of Violation of IEEE Publication Principles: Sliding Mode Control of Fuzzy Singularly Perturbed Systems With Application to Electric Circuit. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1667-1675	7.3	147
541	A Flexible Terminal Approach to Sampled-Data Exponentially Synchronization of Markovian Neural Networks With Time-Varying Delayed Signals. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2232-2244	10.2	143
540	Adaptive Sliding Mode Control for Takagi-Sugeno Fuzzy Systems and Its Applications. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 531-542	8.3	138
539	Output Feedback Active Suspension Control With Higher Order Terminal Sliding Mode. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 1392-1403	8.9	135
538	Filtering design for two-dimensional Markovian jump systems with state-delays and deficient mode information. <i>Information Sciences</i> , 2014 , 269, 316-331	7.7	132
537	Improved Stability and Stabilization Results for Stochastic Synchronization of Continuous-Time Semi-Markovian Jump Neural Networks With Time-Varying Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2488-2501	10.3	131
536	. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1904-1918	5.9	131
535	Quantized Filtering for Continuous-Time Markovian Jump Systems with Deficient Mode Information. <i>Asian Journal of Control</i> , 2015 , 17, 1914-1923	1.7	127
534	Fuzzy-Model-Based Sliding Mode Control of Nonlinear Descriptor Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3409-3419	10.2	124
533	A review of diagnostics and prognostics of low-speed machinery towards wind turbine farm-level health management. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 53, 697-708	16.2	122
532	Accurate Trajectory Tracking of Disturbed Surface Vehicles: A Finite-Time Control Approach. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 1064-1074	5.5	121

531	\$H_{\infty}\$ Refined Antidisturbance Control of Switched LPV Systems With Application to Aero-Engine. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3180-3190	8.9	114
530	Event-Triggered Communication and Annular Finite-Time H_{∞} Filtering for Networked Switched Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 309-317	10.2	114
529	Notice of Violation of IEEE Publication Principles: An Improved Result on Exponential Stabilization of Sampled-Data Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3875-3883	8.3	114
528	An Event-Based Asynchronous Approach to Markov Jump Systems With Hidden Mode Detections and Missing Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1749-1758	7.7	113
527	Distributed Filtering for Switched Linear Systems With Sensor Networks in Presence of Packet Dropouts and Quantization. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 2783-2796	7.9	112
526	. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 883-897	8.3	112
525	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 4161-4170	8.9	111
524	model reduction for continuous-time Markovian jump systems with incomplete statistics of mode information. <i>International Journal of Systems Science</i> , 2014 , 45, 1496-1507	2.3	111
523	A linear matrix inequality approach to robust fault detection filter design of linear systems with mixed time-varying delays and nonlinear perturbations. <i>Journal of the Franklin Institute</i> , 2010 , 347, 957-973	4.7	111
522	Semiactive Control Methodologies for Suspension Control With Magnetorheological Dampers. <i>IEEE/ASME Transactions on Mechatronics</i> , 2012 , 17, 370-380	5.5	110
521	Adaptive Neural Control of MIMO Nonstrict-Feedback Nonlinear Systems With Time Delay. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1337-49	10.2	109
520	\$\mathscr{L}_{\infty}\$ Control for Positive Delay Systems With Semi-Markov Process and Application to a Communication Network Model. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 2081-2091	8.9	109
519	Distributed \$H_{\infty}\$ Output-Feedback Control for Consensus of Heterogeneous Linear Multiagent Systems With Aperiodic Sampled-Data Communications. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 4145-4155	8.9	108
518	Quantized Nonstationary Filtering of Networked Markov Switching RSNSs: A Multiple Hierarchical Structure Strategy. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4816-4823	5.9	108
517	Takagi-Bugeno Model Based Event-Triggered Fuzzy Sliding-Mode Control of Networked Control Systems With Semi-Markovian Switchings. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 673-683	8.3	106
516	Discrete-time H_{∞} sensor fault detection observer design for nonlinear systems with parameter uncertainty. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 339-361	3.6	105
515	Delay-range-dependent exponential H_{∞} synchronization of a class of delayed neural networks. <i>Chaos, Solitons and Fractals</i> , 2009 , 41, 1125-1135	9.3	104
514	A new design of H_{∞} filtering for continuous-time Markovian jump systems with time-varying delay and partially accessible mode information. <i>Signal Processing</i> , 2013 , 93, 2392-2407	4.4	102

513	Static output feedback control of nonhomogeneous Markovian jump systems with asynchronous time delays. <i>Information Sciences</i> , 2017 , 399, 219-238	7.7	100
512	Some Improved Razumikhin Stability Criteria for Impulsive Stochastic Delay Differential Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 5207-5213	5.9	98
511	On stability and stabilization of singular uncertain Takagi-Sugeno fuzzy systems. <i>Journal of the Franklin Institute</i> , 2014 , 351, 1453-1463	4	95
510	Robust fault tolerant tracking controller design for a VTOL aircraft. <i>Journal of the Franklin Institute</i> , 2013 , 350, 2627-2645	4	95
509	Optimization and finite-frequency H_2 control of active suspensions in in-wheel motor driven electric ground vehicles. <i>Journal of the Franklin Institute</i> , 2015 , 352, 468-484	4	93
508	Sliding Mode Control for Nonlinear Stochastic Singular Semi-Markov Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 361-368	5.9	93
507	Stability of Markovian Jump Generalized Neural Networks With Interval Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1840-1850	10.3	91
506	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 1504-1515	8.9	91
505	Improved recurrent neural network-based manipulator control with remote center of motion constraints: Experimental results. <i>Neural Networks</i> , 2020 , 131, 291-299	9.1	91
504	Observer-based finite-time fuzzy H_2 control for discrete-time systems with stochastic jumps and time-delays. <i>Signal Processing</i> , 2014 , 97, 252-261	4.4	90
503	Robust Finite-Time Control of Switched Linear Systems and Application to a Class of Servomechanism Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 2476-2485	5.5	90
502	An ant colony optimization-based fuzzy predictive control approach for nonlinear processes. <i>Information Sciences</i> , 2015 , 299, 143-158	7.7	89
501	Fault detection for discrete-time Markov jump linear systems with partially known transition probabilities. <i>International Journal of Control</i> , 2010 , 83, 1564-1572	1.5	89
500	Robust fault tolerant tracking controller design for vehicle dynamics: A descriptor approach. <i>Mechatronics</i> , 2015 , 30, 316-326	3	88
499	Data-Driven Adaptive Observer for Fault Diagnosis. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-21	1.1	87
498	H_2 control of Markov jump time-delay systems under asynchronous controller and quantizer. <i>Automatica</i> , 2019 , 99, 352-360	5.7	87
497	Model approximation for two-dimensional Markovian jump systems with state-delays and imperfect mode information. <i>Multidimensional Systems and Signal Processing</i> , 2015 , 26, 575-597	1.8	86
496	Reliable Control of Discrete-Time Piecewise-Affine Time-Delay Systems via Output Feedback. <i>IEEE Transactions on Reliability</i> , 2018 , 67, 79-91	4.6	86

495	Consensus and synchronization of nonlinear systems based on a novel fuzzy model. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 2157-69	10.2	86
494	Adaptive Neural Control of Nonlinear Systems With Unknown Control Directions and Input Dead-Zone. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1897-1907	7.3	85
493	Fuzzy control for Electric Power Steering System with assist motor current input constraints. <i>Journal of the Franklin Institute</i> , 2015 , 352, 562-576	4	84
492	Asynchronous L1 control of delayed switched positive systems with mode-dependent average dwell time. <i>Information Sciences</i> , 2014 , 278, 703-714	7.7	84
491	Resilient Sampled-Data Control for Markovian Jump Systems With an Adaptive Fault-Tolerant Mechanism. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 1312-1316	3.5	82
490	Static output-feedback control under information structure constraints. <i>Automatica</i> , 2013 , 49, 313-316	5.7	82
489	H_{∞} Output Tracking Control for Networked Systems With Adaptively Adjusted Event-Triggered Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2050-2058	7.3	82
488	Fuzzy Output Tracking Control and Filtering for Nonlinear Discrete-Time Descriptor Systems Under Unreliable Communication Links. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2369-2379	10.2	81
487	Robust H_{∞} sliding mode control with pole placement for a fluid power electrohydraulic actuator (EHA) system. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 73, 1095-1104	3.2	79
486	Mixed H_2/H_{∞} output-feedback control of second-order neutral systems with time-varying state and input delays. <i>ISA Transactions</i> , 2008 , 47, 311-24	5.5	78
485	A Novel Memory Filtering Design for Semi-Markovian Jump Time-Delay Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2229-2241	7.3	78
484	Robust synchronization and fault detection of uncertain master-slave systems with mixed time-varying delays and nonlinear perturbations. <i>International Journal of Control, Automation and Systems</i> , 2011 , 9, 671-680	2.9	77
483	Local Capacity H_{∞} Control for Production Networks of Autonomous Work Systems With Time-Varying Delays. <i>IEEE Transactions on Automation Science and Engineering</i> , 2010 , 7, 849-857	4.9	77
482	Adaptive output feedback neural network control of uncertain non-affine systems with unknown control direction. <i>Journal of the Franklin Institute</i> , 2014 , 351, 4302-4316	4	76
481	Adaptive Control of Nonlinear Semi-Markovian Jump T-S Fuzzy Systems With Immeasurable Premise Variables via Sliding Mode Observer. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 810-820	10.2	76
480	Finite-time stability and stabilisation for a class of nonlinear systems with time-varying delay. <i>International Journal of Systems Science</i> , 2016 , 47, 1433-1444	2.3	75
479	Fault Detection for Linear Discrete Time-Varying Systems Subject to Random Sensor Delay: A Riccati Equation Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 1707-1716	3.9	75
478	Notice of Violation of IEEE Publication Principles: Fuzzy-Affine-Model-Based Memory Filter Design of Nonlinear Systems With Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 504-517	8.3	73

477	Adaptive NN Dynamic Surface Controller Design for Nonlinear Pure-Feedback Switched Systems With Time-Delays and Quantized Input. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1676-1688	7.3	71
476	Event-Triggered Robust Fuzzy Adaptive Finite-Time Control of Nonlinear Systems With Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1460-1471	8.3	70
475	Asymptotic Tracking Control for a More Representative Class of Uncertain Nonlinear Systems With Mismatched Uncertainties. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 9417-9427	8.9	69
474	Decentralized unscented Kalman filter based on a consensus algorithm for multi-area dynamic state estimation in power systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2015 , 65, 26-33	5.1	67
473	Fault-tolerant SMC for Takagi-Sugeno fuzzy systems with time-varying delay and actuator saturation. <i>IET Control Theory and Applications</i> , 2017 , 11, 1112-1123	2.5	66
472	Prediction of stock index futures prices based on fuzzy sets and multivariate fuzzy time series. <i>Neurocomputing</i> , 2015 , 151, 1528-1536	5.4	66
471	Consensus of multi-agent systems via fully distributed event-triggered control. <i>Automatica</i> , 2020 , 116, 108898	5.7	66
470	Finite-Time L-Gain Asynchronous Control for Continuous-Time Positive Hidden Markov Jump Systems via T-S Fuzzy Model Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 77-87	10.2	66
469	Asynchronous Control of Continuous-Time Nonlinear Markov Jump Systems Subject to Strict Dissipativity. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1250-1256	5.9	65
468	Fault estimation for a class of nonlinear semi-Markovian jump systems with partly unknown transition rates and output quantization. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5962-5980	3.6	65
467	Takagi-Sugeno Model-Based Sliding Mode Observer Design for Finite-Time Synthesis of Semi-Markovian Jump Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1505-1515	7.3	64
466	H_{∞} control of parameter-dependent state-delayed systems using polynomial parameter-dependent quadratic functions. <i>International Journal of Control</i> , 2005 , 78, 254-263	1.5	63
465	Global exponential stability of delayed Markovian jump fuzzy cellular neural networks with generally incomplete transition probability. <i>Neural Networks</i> , 2015 , 63, 18-30	9.1	62
464	Robust fault estimation and fault-tolerant control for Markovian jump systems with general uncertain transition rates. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3508-3540	4	61
463	New Criteria for Stability of Generalized Neural Networks Including Markov Jump Parameters and Additive Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 485-499	7.3	61
462	Filtering of Discrete-Time Switched Neural Networks Ensuring Exponential Dissipative and L_{∞} - L_{∞} Performances. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3195-3207	10.2	60
461	Stability analysis and . <i>Systems and Control Letters</i> , 2014 , 66, 85-93	2.4	60
460	On robust Kalman filter for two-dimensional uncertain linear discrete time-varying systems: A least squares method. <i>Automatica</i> , 2019 , 99, 203-212	5.7	58

459	Event-Based Secure Leader-Following Consensus Control for Multiagent Systems With Multiple Cyber Attacks. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 162-173	10.2	58
458	Global output feedback control for a class of nonlinear systems with unknown homogenous growth condition. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2082-2095	3.6	57
457	Model predictive control-based non-linear fault tolerant control for air-breathing hypersonic vehicles. <i>IET Control Theory and Applications</i> , 2014 , 8, 1147-1153	2.5	57
456	Synchronization of Network Systems via Aperiodic Sampled-Data Control With Constant Delay and Application to Unmanned Ground Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 4980-4990	8.9	57
455	Sampled-Data Control of Network Systems in Industrial Manufacturing. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 9016-9024	8.9	56
454	A computational method for optimal control problem of time-varying state-delayed systems by Haar wavelets. <i>International Journal of Computer Mathematics</i> , 2006 , 83, 235-246	1.2	54
453	. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3368-3378	8.3	54
452	Adaptive reliable output tracking of networked control systems against actuator faults. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3813-3837	4	53
451	Finite-Time H_{∞} Filtering for TB Fuzzy Discrete-Time Systems With Time-Varying Delay and Norm-Bounded Uncertainties. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 2427-2434	8.3	53
450	Observer and Stochastic Faulty Actuator-Based Reliable Consensus Protocol for Multiagent System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2383-2393	7.3	53
449	Notice of Violation of IEEE Publication Principles: An Adaptive Event-Triggered Synchronization Approach for Chaotic Lur β Systems Subject to Aperiodic Sampled Data. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 442-446	3.5	52
448	Exponential Stability, Passivity, and Dissipativity Analysis of Generalized Neural Networks With Mixed Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 395-405	7.3	52
447	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 466-477	8.9	52
446	Robust Composite Nonlinear Feedback Path-Following Control for Independently Actuated Autonomous Vehicles With Differential Steering. <i>IEEE Transactions on Transportation Electrification</i> , 2016 , 2, 312-321	7.6	51
445	A Markovian jump system approach to consensus of heterogeneous multiagent systems with partially unknown and uncertain attack strategies. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3039-3053	3.6	50
444	Input-Output Finite-Time Stability of Discrete-Time Impulsive Switched Linear Systems with State Delays. <i>Circuits, Systems, and Signal Processing</i> , 2014 , 33, 141-158	2.2	50
443	Convergence Analysis on Multi-AUV Systems With Leader-Follower Architecture. <i>IEEE Access</i> , 2017 , 5, 853-868	3.5	49
442	State estimation on positive Markovian jump systems with time-varying delay and uncertain transition probabilities. <i>Information Sciences</i> , 2016 , 369, 251-266	7.7	49

441	Design of unknown inputs proportional integral observers for TS fuzzy models. <i>Neurocomputing</i> , 2014 , 123, 156-165	5.4	49
440	Finite-Time Observer-Based Sliding Mode Control for Quantized Semi-Markov Switching Systems With Application. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1259-1271	11.9	49
439	Input-to-state stability for discrete-time nonlinear switched singular systems. <i>Information Sciences</i> , 2016 , 358-359, 18-28	7.7	49
438	An approximation algorithm for graph partitioning via deterministic annealing neural network. <i>Neural Networks</i> , 2019 , 117, 191-200	9.1	48
437	Adaptive sliding mode reliable control for switched systems with actuator degradation. <i>IET Control Theory and Applications</i> , 2015 , 9, 1197-1204	2.5	48
436	Finite-time boundedness for uncertain discrete neural networks with time-delays and Markovian jumps. <i>Neurocomputing</i> , 2014 , 140, 1-7	5.4	48
435	L_1 Control of Positive Semi-Markov Jump Systems With State Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	47
434	H_2 Control for asynchronously switched linear parameter-varying systems with mode-dependent average dwell time. <i>IET Control Theory and Applications</i> , 2013 , 7, 673-683	2.5	46
433	Adaptive Neural Stabilizing Controller for a Class of Mismatched Uncertain Nonlinear Systems by State and Output Feedback. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 1587-96	10.2	45
432	Haar Wavelet-Based Approach for Optimal Control of Second-Order Linear Systems in Time Domain. <i>Journal of Dynamical and Control Systems</i> , 2005 , 11, 237-252	1.1	45
431	Successive Waypoints Tracking of an Underactuated Surface Vehicle. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 898-908	11.9	45
430	Observer-Based Adaptive Consensus for a Class of Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1893-1900	7.3	45
429	Sliding Mode Control for Nonlinear Stochastic Semi-Markov Switching Systems With Application to SRMM. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3955-3966	8.9	45
428	A Novel Finite-Time Control for Nonstrict Feedback Saturated Nonlinear Systems With Tracking Error Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3968-3979	7.3	45
427	H_2 Sliding mode control for uncertain neutral-type stochastic systems with Markovian jumping parameters. <i>Information Sciences</i> , 2015 , 314, 200-211	7.7	44
426	Robust H_2 Synchronization of a hyper-chaotic system with disturbance input. <i>Nonlinear Analysis: Real World Applications</i> , 2013 , 14, 1487-1495	2.1	44
425	Robust Unknown Input Observer Design for Linear Uncertain Time Delay Systems with Application to Fault Detection. <i>Asian Journal of Control</i> , 2014 , 16, 1006-1019	1.7	44
424	An Incremental Learning Framework for Human-like Redundancy Optimization of Anthropomorphic Manipulators. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 1-1	11.9	44

423	Adaptive Event-Triggered Consensus of Multiagent Systems on Directed Graphs. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1670-1685	5.9	44
422	Universal adaptive control for uncertain nonlinear systems via output feedback. <i>Information Sciences</i> , 2019 , 500, 140-155	7.7	43
421	A computational method for solving optimal control and parameter estimation of linear systems using Haar wavelets. <i>International Journal of Computer Mathematics</i> , 2004 , 81, 1121-1132	1.2	42
420	Interval Type-2 Fuzzy Sampled-Data H_{∞} Control for Nonlinear Unreliable Networked Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1434-1448	8.3	42
419	Fault Detection for Linear Discrete Time-Varying Systems With Multiplicative Noise: The Finite-Horizon Case. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 3492-3505	3.9	42
418	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2340-2351	7.3	41
417	Reduced-order adaptive sliding mode control for nonlinear switching semi-Markovian jump delayed systems. <i>Information Sciences</i> , 2019 , 477, 334-348	7.7	41
416	Practical trajectory tracking of random Lagrange systems. <i>Automatica</i> , 2019 , 105, 314-322	5.7	40
415	Modeling and Control of Linear Two-time Scale Systems: Applied to Single-Link Flexible Manipulator. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2006 , 45, 235-265	2.9	40
414	Non-fragile H_{∞} control for switched stochastic delay systems with application to water quality process. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 1677-1693	3.6	39
413	Robust finite-time fuzzy . <i>Journal of the Franklin Institute</i> , 2014 , 351, 4211-4229	4	39
412	Robust H_{∞} control of uncertain stochastic Markovian jump systems with mixed time-varying delays. <i>International Journal of Systems Science</i> , 2017 , 48, 862-872	2.3	39
411	Self-Triggered DMPC Design for Cooperative Multiagent Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 512-520	8.9	39
410	Finite-Time Passivity-Based Stability Criteria for Delayed Discrete-Time Neural Networks via New Weighted Summation Inequalities. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 58-71	10.3	38
409	Reduced-Order Observer Design for Switched Descriptor Systems With Unknown Inputs. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 287-294	5.9	38
408	Mixed $L_{\infty} L_1$ fault detection observer design for positive switched systems with time-varying delay via delta operator approach. <i>International Journal of Control, Automation and Systems</i> , 2014 , 12, 709-721 ^{2.9}	2.9	37
407	Finite-time stability analysis and stabilization for linear discrete-time system with time-varying delay. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3457-3476	4	37
406	Leader-following consensus of discrete-time multiagent systems with time-varying delay based on large delay theory. <i>Information Sciences</i> , 2017 , 417, 236-246	7.7	37

405	Fault detection for continuous-time switched systems under asynchronous switching. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 1694-1706	3.6	37
404	Integration of supply networks for customization with modularity in cloud and make-to-upgrade strategy. <i>Systems Science and Control Engineering</i> , 2013 , 1, 28-42	2	37
403	Modeling and Parameter Analysis of the OC3-Hywind Floating Wind Turbine with a Tuned Mass Damper in Nacelle. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-10	1.1	37
402	Fuzzy-Model-Based Output Feedback Sliding-Mode Control for Discrete-Time Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1519-1530	8.3	37
401	State and disturbance observers-based polynomial fuzzy controller. <i>Information Sciences</i> , 2017 , 382-383, 38-59	7.7	36
400	Conditions for the Stability of Switched Systems Containing Unstable Subsystems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 617-621	3.5	36
399	Feasibility issues in static output-feedback controller design with application to structural vibration control. <i>Journal of the Franklin Institute</i> , 2014 , 351, 139-155	4	36
398	State Feedback (H_{∞}) Control For 2-D Switched Delay Systems with Actuator Saturation in the Second FM Model. <i>Circuits, Systems, and Signal Processing</i> , 2015 , 34, 2167-2192	2.2	36
397	Attitude Stabilization Control of a Quadrotor UAV by Using Backstepping Approach. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-9	1.1	36
396	Passivity-based robust sliding mode synthesis for uncertain delayed stochastic systems via state observer. <i>Automatica</i> , 2020 , 111, 108596	5.7	36
395	Novel Results on Generalized Dissipativity of Two-Dimensional Digital Filters. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 893-897	3.5	35
394	Composite fault-tolerant control with disturbance observer for stochastic systems with multiple disturbances. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4897-4915	4	35
393	Observer-Based Sliding Mode Control for TS Fuzzy Descriptor Systems With Time Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2009-2023	8.3	33
392	A survey on retail sales forecasting and prediction in fashion markets. <i>Systems Science and Control Engineering</i> , 2015 , 3, 154-161	2	33
391	Security Control for TS Fuzzy Systems With Adaptive Event-Triggered Mechanism and Multiple Cyber-Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	33
390	Data-based modeling of vehicle collisions by nonlinear autoregressive model and feedforward neural network. <i>Information Sciences</i> , 2013 , 235, 65-79	7.7	33
389	Output Tracking Control for Fractional-Order Positive Switched Systems With Input Time Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1013-1017	3.5	33
388	Voltage Difference Residual-Based Open-Circuit Fault Diagnosis Approach for Three-Level Converters in Electric Traction Systems. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 3012-3028	7.2	33

387	Control of uncertain highly nonlinear biological process based on Takagi-Bugeno fuzzy models. <i>Signal Processing</i> , 2015 , 108, 195-205	4.4	32
386	Parameter optimization of an inerter-based isolator for passive vibration control of Michelangelo's Rondanini Pietà. <i>Mechanical Systems and Signal Processing</i> , 2018 , 98, 667-683	7.8	32
385	Adaptive-Critic Design for Decentralized Event-Triggered Control of Constrained Nonlinear Interconnected Systems Within an Identifier-Critic Framework. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	32
384	Composite hierarchical antidisturbance control for a class of discrete-time stochastic systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3292-3302	3.6	31
383	Mixed L_2/L_1 fault detection filter design for fuzzy positive linear systems with time-varying delays. <i>IET Control Theory and Applications</i> , 2014 , 8, 1023-1031	2.5	31
382	Equivalent-input-disturbance-based repetitive tracking control for Takagi-Bugeno fuzzy systems with saturating actuator. <i>IET Control Theory and Applications</i> , 2016 , 10, 1916-1927	2.5	31
381	Fault detection for nonlinear networked systems based on quantization and dropout compensation: An interval type-2 fuzzy-model method. <i>Neurocomputing</i> , 2016 , 191, 409-420	5.4	30
380	New Approach to Fixed-Order Output-Feedback Control for Piecewise-Affine Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2961-2969	3.9	30
379	Design of inerter-based multi-actuator systems for vibration control of adjacent structures. <i>Journal of the Franklin Institute</i> , 2019 , 356, 7785-7809	4	29
378	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 1402-1412	3.9	29
377	New approaches to positive observer design for discrete-time positive linear systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4336-4350	4	29
376	Passivity-based output feedback control of Markovian jump systems with discrete and distributed time-varying delays. <i>International Journal of Systems Science</i> , 2013 , 44, 1290-1300	2.3	29
375	Numerically efficient approximations to the optimal control of linear singularly perturbed systems based on Haar wavelets. <i>International Journal of Computer Mathematics</i> , 2005 , 82, 495-507	1.2	29
374	Simultaneous Input and State Estimation for Integrated Motor-Transmission Systems in a Controller Area Network Environment via an Adaptive Unscented Kalman Filter. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1570-1579	7.3	29
373	Asynchronous Finite-Time Filtering of Markov Jump Nonlinear Systems and Its Applications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	28
372	Non-fragile fault-tolerant control for nonlinear Markovian jump systems with intermittent actuator fault. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019 , 32, 337-350	4.5	28
371	Soft variable structure controller design for singular systems. <i>Journal of the Franklin Institute</i> , 2015 , 352, 1613-1626	4	28
370	Stabilization of positive switched systems with time-varying delays under asynchronous switching. <i>International Journal of Control, Automation and Systems</i> , 2014 , 12, 939-947	2.9	28

369	Global stability of coupled Markovian switching reaction-diffusion systems on networks. <i>Nonlinear Analysis: Hybrid Systems</i> , 2014 , 13, 61-73	4.5	28
368	Adaptive synchronization of master-slave systems with mixed neutral and discrete time-delays and nonlinear perturbations. <i>Asian Journal of Control</i> , 2012 , 14, 251-257	1.7	28
367	Study on Support Vector Machine-Based Fault Detection in Tennessee Eastman Process. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-8	0.7	28
366	Signal reconstruction, modeling and simulation of a vehicle full-scale crash test based on Morlet wavelets. <i>Neurocomputing</i> , 2012 , 93, 88-99	5.4	28
365	LMI-based H _∞ synchronization of second-order neutral master-slave systems using delayed output feedback control. <i>International Journal of Control, Automation and Systems</i> , 2009 , 7, 371-380	2.9	28
364	Improved exponential convergence result for generalized neural networks including interval time-varying delayed signals. <i>Neural Networks</i> , 2017 , 86, 10-17	9.1	27
363	Anti-disturbance control based on disturbance observer for nonlinear systems with bounded disturbances. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4916-4930	4	27
362	EID estimator-based modified repetitive control for singular systems with time-varying delay. <i>Nonlinear Dynamics</i> , 2017 , 89, 1141-1156	5	26
361	Bond graph modeling and simulation of wind turbine systems. <i>Journal of Mechanical Science and Technology</i> , 2013 , 27, 1843-1852	1.6	26
360	Allocation of Actuators and Sensors for Coupled-Adjacent-Building Vibration Attenuation. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 5792-5801	8.9	26
359	H _∞ static output-feedback control design with constrained information for offshore wind turbine system. <i>Journal of the Franklin Institute</i> , 2013 , 350, 2244-2260	4	26
358	Development of lumped-parameter mathematical models for a vehicle localized impact. <i>Journal of Mechanical Science and Technology</i> , 2011 , 25, 1737-1747	1.6	26
357	H _∞ control of 2-D continuous Markovian jump delayed systems with partially unknown transition probabilities. <i>Information Sciences</i> , 2017 , 382-383, 274-291	7.7	25
356	Stabilization for a class of nonlinear networked control systems via polynomial fuzzy model approach. <i>Complexity</i> , 2015 , 21, 74-81	1.6	25
355	Distributed cruise control of high-speed trains. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6044-6061	4	25
354	SIGNAL ANALYSIS AND PERFORMANCE EVALUATION OF A VEHICLE CRASH TEST WITH A FIXED SAFETY BARRIER BASED ON HAAR WAVELETS. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2011 , 09, 131-149	0.9	24
353	Robust Stabilization of Delayed Neural Networks: Dissipativity-Learning Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 913-922	10.3	23
352	A Uniform Modeling Method Based on Open-Circuit Faults Analysis for NPC-Three-Level Converter. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 457-461	3.5	23

351	Fuzzy sliding mode control design for a class of disturbed systems. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3593-3609	4	23
350	Robust stabilisation of 2D state-delayed stochastic systems with randomly occurring uncertainties and nonlinearities. <i>International Journal of Systems Science</i> , 2014 , 45, 1402-1415	2-3	23
349	Optimal passive-damping design using a decentralized velocity-feedback H-Infinity approach. <i>Modeling, Identification and Control</i> , 2012 , 33, 87-97	1	23
348	Semiactive vibration control of offshore wind turbine towers with tuned liquid column dampers using H _∞ output feedback control 2010 ,		23
347	A Robust Repetitive-Control Design for a Class of Uncertain Stochastic Dynamical Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 427-431	3-5	22
346	Data-Based Modeling of Vehicle Crash Using Adaptive Neural-Fuzzy Inference System. <i>IEEE/ASME Transactions on Mechatronics</i> , 2014 , 19, 684-696	5-5	22
345	Robust mixed H ₂ /H _∞ delayed state feedback control of uncertain neutral systems with time-varying delays. <i>Asian Journal of Control</i> , 2008 , 10, 569-580	1-7	22
344	Guidance and control methodologies for marine vehicles: A survey. <i>Control Engineering Practice</i> , 2021 , 111, 104785	3-9	22
343	Optimization of Vehicle-to-Vehicle Frontal Crash Model Based on Measured Data Using Genetic Algorithm. <i>IEEE Access</i> , 2017 , 5, 3131-3138	3-5	21
342	Robust L1 fixed-order filtering for switched LPV systems with parameter-dependent delays. <i>Journal of the Franklin Institute</i> , 2015 , 352, 761-775	4	21
341	Fault Detection, Isolation, and Tolerant Control of Vehicles using Soft Computing Methods. <i>IET Control Theory and Applications</i> , 2014 , 8, 655-657	2-5	21
340	Mathematical modeling of a vehicle crash test based on elasto-plastic unloading scenarios of spring-mass models. <i>International Journal of Advanced Manufacturing Technology</i> , 2011 , 55, 369-378	3-2	21
339	Dynamic Self-Triggered Controller Codesign for Markov Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1353-1360	5-9	21
338	Observer-Based (H _∞) Sliding Mode Controller Design for Uncertain Stochastic Singular Time-Delay Systems. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 63-77	2-2	20
337	Optimal residual generation for fault detection in linear discrete time-varying systems with uncertain observations. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3330-3353	4	20
336	New delay-dependent stability of Markovian jump neutral stochastic systems with general unknown transition rates. <i>International Journal of Systems Science</i> , 2016 , 47, 2499-2509	2-3	20
335	Adaptive Fuzzy Decentralized Tracking Control for Large-Scale Interconnected Nonlinear Networked Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8-3	20
334	ADP-Based Security Decentralized Sliding Mode Control for Partially Unknown Large-Scale Systems Under Injection Attacks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 5290-5301	3-9	20

333	Residual wide-kernel deep convolutional auto-encoder for intelligent rotating machinery fault diagnosis with limited samples. <i>Neural Networks</i> , 2021 , 141, 133-144	9.1	20
332	Takagi-Sugeno Model-Based Reliable Sliding Mode Control of Descriptor Systems With Semi-Markov Parameters: Average Dwell Time Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	19
331	Robust H _∞ reliable control for delta operator switched systems with time-varying delays under asynchronous switching. <i>Transactions of the Institute of Measurement and Control</i> , 2015 , 37, 219-229	1.8	19
330	Output-Constrained Robust Sliding Mode Based Nonlinear Active Suspension Control. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10652-10662	8.9	19
329	Observer-based tracking control for switched stochastic systems based on a hybrid 2-D model. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 478-491	3.6	19
328	Finite-time H _∞ control for switched systems with time-varying delay using delta operator approach. <i>International Journal of Control, Automation and Systems</i> , 2014 , 12, 1150-1159	2.9	19
327	Static output-feedback controller design for vehicle suspensions: an effective two-step computational approach. <i>IET Control Theory and Applications</i> , 2014 , 8, 1566-1574	2.5	19
326	Output Multiformation Tracking of Networked Heterogeneous Robotic Systems via Finite-Time Hierarchical Control. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2893-2904	10.2	19
325	Global finite-time control for a class of switched nonlinear systems with different powers via output feedback. <i>International Journal of Systems Science</i> , 2018 , 49, 2776-2783	2.3	19
324	Stability Analysis for a Class of Discrete-Time Switched Systems With Partial Unstable Subsystems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 2017-2021	3.5	18
323	Construction of hybrid interval observers for switched linear systems. <i>Information Sciences</i> , 2018 , 454-455, 242-254	7.7	18
322	Positive (L ₁) Observer Design for Positive Switched Systems. <i>Circuits, Systems, and Signal Processing</i> , 2014 , 33, 2085-2106	2.2	18
321	A Lyapunov-Bazumikhin approach for stability analysis of logistics networks with time-delays. <i>International Journal of Systems Science</i> , 2012 , 43, 845-853	2.3	18
320	Fuzzy Control of DC-DC Converters with Input Constraint. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-18	1.1	18
319	Quantized control for uncertain singular Markovian jump linear systems with general incomplete transition rates. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1107-1116	2.9	17
318	Robust H _∞ Filtering for Two-Dimensional Uncertain Linear Discrete Time-Varying Systems: A Krein Space-Based Method. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 5124-5131	5.9	17
317	Investigation of vehicle crash modeling techniques: theory and application. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 70, 965-993	3.2	17
316	WAVELET-BASED IDENTIFICATION AND CONTROL DESIGN FOR A CLASS OF NONLINEAR SYSTEMS. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2006 , 04, 213-226	0.9	17

315	Sliding mode control of automotive electronic valve system under weighted try-once-discard protocol. <i>Information Sciences</i> , 2020 , 515, 324-340	7.7	17
314	A Deterministic Annealing Neural Network Algorithm for the Minimum Concave Cost Transportation Problem. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4354-4366	10.3	17
313	Towards farm-level health management of offshore wind farms for maintenance improvements. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 83, 1557-1567	3.2	16
312	Semiglobal practical integral input-to-state stability for a family of parameterized discrete-time interconnected systems with application to sampled-data control systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2015 , 17, 10-24	4.5	16
311	A structured filter for Markovian switching systems. <i>International Journal of Systems Science</i> , 2014 , 45, 1518-1527	2.3	16
310	Robust Production Planning in Fashion Apparel Industry under Demand Uncertainty via Conditional Value at Risk. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-10	1.1	16
309	A new type of hydraulic cylinder system controlled by the new-type hydraulic transformer. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2014 , 228, 2233-2245	1.3	16
308	An LMI approach to vibration control of base-isolated building structures with delayed measurements. <i>International Journal of Systems Science</i> , 2010 , 41, 1511-1523	2.3	16
307	Robust Observer Design for Takagi-Sugeno Fuzzy Systems with Mixed Neutral and Discrete Delays and Unknown Inputs. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-13	1.1	16
306	Mutual-Collision-Avoidance Scheme Synthesized by Neural Networks for Dual Redundant Robot Manipulators Executing Cooperative Tasks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1052-1066	10.3	16
305	Single-Input Pinning Controller Design for Reachability of Boolean Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3264-3269	10.3	15
304	On the p th moment integral input-to-state stability and input-to-state stability criteria for impulsive stochastic functional differential equations. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5609-5620	3.6	15
303	Modeling, simulation and design optimization of a hoisting rig active heave compensation system. <i>International Journal of Machine Learning and Cybernetics</i> , 2013 , 4, 85-98	3.8	15
302	Fault Detection and Diagnosis in Process Data Using Support Vector Machines. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-9	1.1	15
301	Input-Output Finite-Time Generalized Dissipative Filter of Discrete Time-Varying Systems With Quantization and Adaptive Event-Triggered Mechanism. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 5061-5073	10.3	15
300	SMC for Nonlinear Stochastic Switching Systems With Quantization. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2032-2036	3.5	15
299	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2873-2884	7.3	15
298	Dissipative based adaptive reliable sampled-data control of time-varying delay systems. <i>International Journal of Control, Automation and Systems</i> , 2016 , 14, 39-50	2.9	14

297	Control Strategy Based on Wavelet Transform and Neural Network for Hybrid Power System. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-8	1.1	14
296	Quality Evaluation Based on Multivariate Statistical Methods. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	14
295	Energy-saving analysis of hydraulic hybrid excavator based on common pressure rail. <i>Scientific World Journal, The</i> , 2013 , 2013, 560694	2.2	14
294	Robust Dynamic Output Feedback Control Synthesis with Pole Placement Constraints for Offshore Wind Turbine Systems. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-18	1.1	14
293	Dynamic output feedback sliding mode control for Markovian jump systems under stochastic communication protocol and its application. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7307-7325	3.6	14
292	New results on stability analysis and stabilization of time-delay continuous Markovian jump systems with partially known rates matrix. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 1873-1887	3.6	14
291	Fault detection filter design for discrete-time nonlinear Markovian jump systems with missing measurements. <i>European Journal of Control</i> , 2018 , 44, 27-39	2.5	14
290	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 12636-12645	8.9	14
289	Autonomous Bearing Fault Diagnosis Method based on Envelope Spectrum. <i>IFAC-PapersOnLine</i> , 2017 , 50, 13378-13383	0.7	13
288	Event-based networked predictive control for networked control systems subject to two-channel delays. <i>Information Sciences</i> , 2020 , 524, 136-147	7.7	13
287	Sampled-Data Exponential Synchronization of Chaotic Lü Systems. <i>IEEE Access</i> , 2017 , 5, 17834-17840	3.5	13
286	Firefly Optimization and Mathematical Modeling of a Vehicle Crash Test Based on Single-Mass. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-10	1.1	13
285	Motion Control of Four-Wheel Independently Actuated Electric Ground Vehicles considering Tire Force Saturations. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	13
284	Control design for a hypersonic aircraft using a switched linear parameter-varying system approach. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2013 , 227, 85-95	1	13
283	Missing Value Estimation for Microarray Data by Bayesian Principal Component Analysis and Iterative Local Least Squares. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-5	1.1	13
282	Semiactive vibration control of nonlinear structures through adaptive backstepping techniques with H _∞ performance. <i>International Journal of Systems Science</i> , 2011 , 42, 853-861	2.3	13
281	Stochastic Filtering for neural networks with leakage delay and mixed time-varying delays. <i>Information Sciences</i> , 2017 , 388-389, 118-134	7.7	12
280	An EEMD Aided Comparison of Time Histories and Its Application in Vehicle Safety. <i>IEEE Access</i> , 2017 , 5, 519-528	3.5	12

279	Further criterion for stochastic stability analysis of semi-Markovian jump linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2689-2700	3.6	12
278	An effective computational design strategy for H _∞ vibration control of large structures with information constraints. <i>Engineering Structures</i> , 2018 , 171, 298-308	4.7	12
277	Stability analysis of logistics networks with time-delays. <i>Production Planning and Control</i> , 2013 , 24, 567-574	4.4	12
276	Adaptive H _∞ synchronization of master-slave systems with mixed time-varying delays and nonlinear perturbations: An LMI approach. <i>International Journal of Automation and Computing</i> , 2011 , 8, 381-390	3.5	12
275	Fault-Reconstruction-Based Cascaded Sliding Mode Observers for Descriptor Linear Systems. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-20	1.1	12
274	Observer-based adaptive neural tracking control for a class of nonlinear systems with prescribed performance and input dead-zone constraints.. <i>Neural Networks</i> , 2021 , 147, 126-135	9.1	12
273	High-Order Moment Filtering for Markov Jump Systems in Finite Frequency Domain. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1217-1221	3.5	12
272	Global Mittag-Leffler stability for fractional-order coupled systems on network without strong connectedness. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	11
271	Asynchronous output regulation with passivity control for a class of switched stochastic delay systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 3269-3277	2.5	11
270	Fuzzy Sliding Mode Controller Design Using Takagi-Sugeno Modelled Nonlinear Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-7	1.1	11
269	Wind turbine modeling using the bond graph 2011 ,		11
268	New Results on Fuzzy Integral Sliding Mode Control of Nonlinear Singularly Perturbed Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	11
267	Vibration control strategy for large-scale structures with incomplete multi-actuator system and neighbouring state information. <i>IET Control Theory and Applications</i> , 2016 , 10, 407-416	2.5	10
266	Observer-based adaptive stabilization of a class of uncertain nonlinear systems. <i>Systems Science and Control Engineering</i> , 2014 , 2, 362-367	2	10
265	A robust aerial image registration method using Gaussian mixture models. <i>Neurocomputing</i> , 2014 , 144, 546-552	5.4	10
264	Vibration Protection of a Famous Statue against Ambient and Earthquake Excitation Using A Tuned InerterDamper. <i>Machines</i> , 2017 , 5, 33	2.9	10
263	Integrated Design of Hybrid Interstory-Interbuilding Multi-Actuation Schemes for Vibration Control of Adjacent Buildings under Seismic Excitations. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 323	2.6	10
262	Parameter Matching Analysis of Hydraulic Hybrid Excavators Based on Dynamic Programming Algorithm. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-10	1.1	10

261	A New Interpretable Learning Method for Fault Diagnosis of Rolling Bearings. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-10	5.2	10
260	Delay-dependent fault-tolerant controller for time-delay systems with randomly occurring uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 5044-5060	3.6	9
259	Analog Circuit Design Optimization Based on Evolutionary Algorithms. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-12	1.1	9
258	Instrumentation and modeling of high-pressure roller crusher for silicon carbide production. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 62, 1107-1113	3.2	9
257	Adaptive Real-Time Estimation on Road Disturbances Properties Considering Load Variation via Vehicle Vertical Dynamics. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	9
256	Mathematical Modeling and Parameters Estimation of Car Crash Using Eigensystem Realization Algorithm and Curve-Fitting Approaches. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-13	1.1	9
255	The Impact of the Subsidy Policy on Total Factor Productivity: An Empirical Analysis of China's Cotton Production. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	9
254	A logarithmic descent direction algorithm for the quadratic knapsack problem. <i>Applied Mathematics and Computation</i> , 2020 , 369, 124854	2.7	9
253	Finite- and Fixed-Time Cluster Synchronization of Nonlinearly Coupled Delayed Neural Networks via Pinning Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5222-5231	10.3	9
252	Processes soft modeling based on stacked autoencoders and wavelet extreme learning machine for aluminum plant-wide application. <i>Control Engineering Practice</i> , 2021 , 108, 104706	3.9	9
251	Data-based modeling and estimation of vehicle crash processes in frontal fixed-barrier crashes. <i>Journal of the Franklin Institute</i> , 2017 , 354, 4896-4912	4	8
250	A state-space approach to mathematical modeling and parameters identification of vehicle frontal crash. <i>Systems Science and Control Engineering</i> , 2014 , 2, 351-361	2	8
249	Recent Advances in Static Output-Feedback Controller Design with Applications to Vibration Control of Large Structures. <i>Modeling, Identification and Control</i> , 2014 , 35, 169-190	1	8
248	Improving the Performance Metric of Wireless Sensor Networks with Clustering Markov Chain Model and Multilevel Fusion. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	8
247	Stability Analysis and Stabilization of T-S Fuzzy Delta Operator Systems with Time-Varying Delay via an Input-Output Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-14	1.1	8
246	Sequential design of multioverlapping controllers for structural vibration control of tall buildings under seismic excitation. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2013 , 227, 176-183	1	8
245	Region Stabilization of Switched Neural Networks With Multiple Modes and Multiple Equilibria: A Pole Assignment Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 ,	10.3	8
244	Data-Driven Adaptive Tracking Control of Unknown Autonomous Marine Vehicles. <i>IEEE Access</i> , 2018 , 6, 55723-55730	3.5	8

243	Improved child-resistant system for better side impact protection. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 3925-3935	3.2	8
242	A novel approach to sampled-data filter design for piecewise-affine systems. <i>Automatica</i> , 2019 , 109, 108481	5.7	7
241	Dynamic characterization for the dielectric electroactive polymer fundamental sheet. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 66, 1457-1466	3.2	7
240	Design of temperature control system using conventional PID and Intelligent Fuzzy Logic controller 2015 ,		7
239	A Filtering Algorithm for Maneuvering Target Tracking Based on Smoothing Spline Fitting. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-6	0.7	7
238	Tracking Mobile Robot in Indoor Wireless Sensor Networks. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	7
237	Discrete-time static output-feedback semi-decentralized H_{∞} controller design: An application to structural vibration control 2012 ,		7
236	Robust Reliable Control of Uncertain Discrete Impulsive Switched Systems with State Delays. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	7
235	Static Output-Feedback Control for Vehicle Suspensions: A Single-Step Linear Matrix Inequality Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-12	1.1	7
234	Observer-Based Robust Control for Hydraulic Velocity Control System. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	7
233	Fuzzy Investment Portfolio Selection Models Based on Interval Analysis Approach. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-15	1.1	7
232	A new modeling approach to single-link flexible manipulator using singular perturbation method. <i>Electrical Engineering</i> , 2006 , 88, 375-382	1.5	7
231	Sliding Mode Control of Interval Type-2 Fuzzy Systems Under Round-Robin Scheduling Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	7
230	Global output feedback control for a class of uncertain nonlinear systems using dynamic gain method. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7690-7705	3.6	7
229	Non-fragile H_{∞} control for LPV-based CACC systems subject to denial-of-service attacks. <i>IET Control Theory and Applications</i> , 2021 , 15, 1246-1256	2.5	7
228	Finite-time fuzzy adaptive quantized output feedback control of triangular structural systems. <i>Information Sciences</i> , 2021 , 557, 153-169	7.7	7
227	Stability Analysis for Interval Type-2 Fuzzy Systems by Applying Homogenous Polynomially Membership Functions Dependent Matrices and Switching Technique. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 203-212	8.3	7
226	Application of Genetic Algorithm on Parameter Optimization of Three Vehicle Crash Scenarios. <i>IFAC-PapersOnLine</i> , 2017 , 50, 3697-3701	0.7	6

225	On integral input-to-state stability for a feedback interconnection of parameterised discrete-time systems. <i>International Journal of Systems Science</i> , 2016 , 47, 1598-1614	2.3	6
224	Comments on Finite-Time H_{∞} Fuzzy Control of Nonlinear Jump Systems With Time Delays Via Dynamic Observer-Based State Feedback <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 230-233	8.3	6
223	Deformation measurement of circular steel plates using projected fringes. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 70, 321-326	3.2	6
222	Faults diagnosis based on proportional integral observer for TS fuzzy model with unmeasurable premise variable 2014 ,		6
221	Fuzzy Modeling and Control for a Class of Inverted Pendulum System. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-6	0.7	6
220	Robust Control Allocation for Spacecraft Attitude Stabilization under Actuator Faults and Uncertainty. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-12	1.1	6
219	Filtering for Discrete Fuzzy Stochastic Time-Delay Systems with Sensor Saturation. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	6
218	Sliding Intermittent Control for BAM Neural Networks with Delays. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-15	0.7	6
217	Sampled-Data Control of Spacecraft Rendezvous with Discontinuous Lyapunov Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	6
216	Passive-damping design for vibration control of large structures 2013 ,		6
215	Delay-Range-Dependent Linear Matrix Inequality Approach to Quantized H_{∞} Control of Linear Systems with Network-Induced Delays and Norm-Bounded Uncertainties. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2010 , 224, 689-700	1	6
214	Dynamic learning control design for interval type-2 fuzzy singularly perturbed systems: A component-based event-triggering protocol. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	6
213	Lag-Bipartite Formation Tracking of Networked Robotic Systems Over Directed Matrix-Weighted Signed Graphs. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	6
212	Finite-Time Projective Synchronization Control of Variable-Order Fractional Chaotic Systems via Sliding Mode Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2503-2507	3.5	6
211	Surface topography measurement of double-curved propeller blades using projected fringes. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 91, 375-381	3.2	5
210	Comparative analysis of component design problems for integrated hydraulic transformers. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 103, 389-407	3.2	5
209	Event-Triggered Control for Switched T-S Fuzzy Systems with General Asynchronism. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	5
208	Fault Estimation for Discrete-Time Systems With Lipschitz Perturbation and Time-Variant Coefficients. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3137-3141	3.5	5

207	Real-time accurate pedestrian tracking using extended finite impulse response filter bank for tightly coupling recent inertial navigation system and ultra-wideband measurements. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2018 , 232, 464-472	1	5
206	Bearing fault detection based on time-frequency representations of vibration signals 2015 ,		5
205	General Output Feedback Stabilization for Fractional Order Systems: An LMI Approach. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	5
204	The Finding and Dynamic Detection of Opinion Leaders in Social Network. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	5
203	Distributed Multitarget Probabilistic Coverage Control Algorithm for Wireless Sensor Networks. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	5
202	Broken rotor bars detection via Park's vector approach based on ANFIS 2014 ,		5
201	Robust Control for Autonomous Spacecraft Evacuation with Model Uncertainty and Upper Bound of Performance with Constraints. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-16	1.1	5
200	LMI-Based Model Predictive Control for a Class of Constrained Uncertain Fuzzy Markov Jump Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-13	1.1	5
199	Robust Fault Detection of Linear Uncertain Time-Delay Systems Using Unknown Input Observers. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-12	1.1	5
198	Robust Tracking Control for Rendezvous in Near-Circular Orbits. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	5
197	BIBO Stability Analysis for Delay Switched Systems with Nonlinear Perturbation. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-8	0.7	5
196	Control for Networked Control Systems with Time Delays and Packet Dropouts. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	5
195	Optimization of Biodiesel Injection Parameters Based on Support Vector Machine. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	5
194	Further results on mathematical models of vehicle localized impact 2010 ,		5
193	Robust Anti-Windup Control Considering Multiple Design Objectives. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-13	1.1	5
192	Adaptive H _∞ sliding mode control of uncertain neutral-type stochastic systems based on state observer. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1141-1155	3.6	5
191	Fault Diagnostics for Electrically Operated Pitch Systems in Offshore Wind Turbines. <i>Journal of Physics: Conference Series</i> , 2016 , 753, 052005	0.3	5
190	Evolutionary computing methodology for small wind turbine supporting structures. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 100, 2741-2752	3.2	5

189	Observer-based finite time H ∞ control of nonlinear discrete time-varying systems with an adaptive event-triggered Mechanism. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11668-11689	4	5
188	A new deep learning framework based on blood pressure range constraint for continuous cuffless BP estimation.. <i>Neural Networks</i> , 2022 , 152, 181-190	9.1	5
187	Current signature based fault diagnosis of field-oriented and direct torque controlled induction motor drives. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2017 , 231, 849-866	1	4
186	Sliding-mode observer based sensor-less control of a small wind energy conversion system 2015 ,		4
185	An Analytical Tire Model with Flexible Carcass for Combined Slips. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-9	1.1	4
184	Energy-efficient routing control algorithm in large-scale WSN for water environment monitoring with application to Three Gorges Reservoir area. <i>Scientific World Journal, The</i> , 2014 , 2014, 802915	2.2	4
183	Observer-Based Robust Control for Spacecraft Rendezvous with Thrust Saturation. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-10	0.7	4
182	Finite-Time Control for Attitude Tracking Maneuver of Rigid Satellite. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-15	0.7	4
181	Research of Smart Car Speed Control Based on the Internal Model Control. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-5	0.7	4
180	Active Disturbance Rejection Station-Keeping Control of Unstable Orbits around Collinear Libration Points. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-14	1.1	4
179	Study on the Characteristics of Electromagnetic Noise of Axial Flux Permanent Magnet Synchronous Motor. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-8	0.7	4
178	State Estimation for Wireless Network Control System with Stochastic Uncertainty and Time Delay Based on Sliding Mode Observer. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-8	0.7	4
177	Robust Decentralized Adaptive Neural Control for a Class of Nonaffine Nonlinear Large-Scale Systems with Unknown Dead Zones. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-10	1.1	4
176	The unbalanced linguistic aggregation operator in group decision making 2012 ,		4
175	Predictive control of networked systems with communication delays 2012 ,		4
174	Observer-Based Sliding Mode Control for Stabilization of a Dynamic System with Delayed Output Feedback. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-6	1.1	4
173	Deconvolution Filtering for Nonlinear Stochastic Systems with Randomly Occurring Sensor Delays via Probability-Dependent Method. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-12	0.7	4
172	A Data-Based Approach for Modeling and Analysis of Vehicle Collision by LPV-ARMAX Models. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-9	1.1	4

171	On the Multipeakon Dissipative Behavior of the Modified Coupled Camassa-Holm Model for Shallow Water System. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	4
170	Observer-Based Stabilization of Spacecraft Rendezvous with Variable Sampling and Sensor Nonlinearity. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	4
169	Improved Switching Strategy for Selective Harmonic Elimination in DC-AC Signal Generation via Pulse-Width Modulation. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-12	0.7	4
168	Stability Analysis for Uncertain Neural Networks of Neutral Type with Time-Varying Delay in the Leakage Term and Distributed Delay. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-11	0.7	4
167	Peak Power Demand and Energy Consumption Reduction Strategies for Trains under Moving Block Signalling System. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	4
166	Mathematical modeling of vehicle frontal crash by a double spring-mass-damper model 2013 ,		4
165	State feedback control against sensor faults for Lipschitz nonlinear systems via new sliding mode observer techniques 2011 ,		4
164	Application of the LISS Lyapunov-Krasovskii small-gain theorem to autonomously controlled production networks with time-delays 2010 ,		4
163	Fuzzy Variable Structure Control for Uncertain Systems with Disturbance. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-12	1.1	4
162	On the robust design of unknown inputs Takagi-Sugeno observer 2012 ,		4
161	A neuro-fuzzy based approach for output tracking of transverse flux machines		4
160	Dynamic sliding mode control for nonlinear parameter-varying systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 8408	3.6	4
159	Robust estimator design for switched systems with unknown switching time: An LMI-based approach. <i>European Journal of Control</i> , 2018 , 44, 58-64	2.5	4
158	Solving the production transportation problem via a deterministic annealing neural network method. <i>Applied Mathematics and Computation</i> , 2021 , 411, 126518	2.7	4
157	A distributed dynamic event-triggered mechanism to HMM-based observer design for H _∞ sliding mode control of Markov jump systems. <i>Automatica</i> , 2022 , 142, 110357	5.7	4
156	Distributed frequent subgraph mining on evolving graph using SPARK. <i>Intelligent Data Analysis</i> , 2020 , 24, 495-513	1.1	3
155	Experimental Analysis of Inerter-Based Suspension Systems for Slender Structures. <i>Designs</i> , 2018 , 2, 15	1.8	3
154	Fault diagnosis of induction motors broken rotor bars by pattern recognition based on noise cancelation 2014 ,		3

153	Input-output finite-time stability of positive switched linear systems with state delays 2013 ,		3
152	Fuzzy logic approach to predict vehicle crash severity from acceleration data 2015 ,		3
151	Vibration Control of a Semiactive Vehicle Suspension System Based on Extended State Observer Techniques. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-10	1.1	3
150	Robust H _∞ Filtering for a class of complex networks with stochastic packet dropouts and time delays. <i>Scientific World Journal, The</i> , 2014 , 2014, 560234	2.2	3
149	New Results on Passivity Analysis for Uncertain Neural Networks with Time-Varying Delay. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	3
148	Finite-Time L ₁ -Gain Control for Positive Switched Systems with Time-Varying Delay via Delta Operator Approach. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-11	0.7	3
147	Development of La ₃ +Doped CeO ₂ Thick Film Humidity Sensors. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-6	0.7	3
146	Novel Iris Biometric Watermarking Based on Singular Value Decomposition and Discrete Cosine Transform. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-6	1.1	3
145	Information Sharing and Channel Construction of Supply Chain under Asymmetric Demand Information. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-8	1.1	3
144	An Adaptive Metamodel-Based Optimization Approach for Vehicle Suspension System Design. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-9	1.1	3
143	Reconstruction and simulation of the vehicle to road safety barrier oblique collision based on the Levenberg-Marquardt algorithm. <i>International Journal of Crashworthiness</i> , 2012 , 17, 676-692	1	3
142	Angle Displacement Robust Controller for the Port Plate of the Hydraulic Transformer. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	3
141	Stability and L ₁ -Gain Analysis for Positive 2D Systems with State Delays in the Roesser Model. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	3
140	Robust Estimation for Discrete Markov System with Time-Varying Delay and Missing Measurements. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	3
139	Adaptive Finite-Time Control for a Flexible Hypersonic Vehicle with Actuator Fault. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	3
138	A New Adaptive LSSVR with Online Multikernel RBF Tuning to Evaluate Analog Circuit Performance. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-7	0.7	3
137	Robust Stability and H _∞ Stabilization of Switched Systems with Time-Varying Delays Using Delta Operator Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	3
136	Wavelet-Based Optimal Control of a Wind Turbine System: A Computational Approach. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2011 , 5, 171-186	0.6	3

135	Robust regulation with H_{∞} control of linear two-time-scale systems: A new modelling approach. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2010 , 224, 235-246	1	3
134	Sliding mode exponential H_{∞} synchronization of Markovian jumping master-slave systems with time-delays and nonlinear uncertainties 2011 ,		3
133	Stability analysis and H_{∞} controller design of a class of switched discrete-time fuzzy systems 2011 ,		3
132	A resource-aware sliding mode control approach for Markov jump systems. <i>ISA Transactions</i> , 2020 ,	5.5	3
131	A Novel Iterative Linear Matrix Inequality Design Procedure for Passive Inter-Substructure Vibration Control. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5859	2.6	3
130	Variance-constrained resilient H_{∞} filtering for mobile robot localization under dynamic event-triggered communication mechanism. <i>Asian Journal of Control</i> , 2021 , 23, 2064-2078	1.7	3
129	Recursive fusion estimation for mobile robot localization under multiple energy harvesting sensors. <i>IET Control Theory and Applications</i> ,	2.5	3
128	Neural adaptive fault-tolerant finite-time control for nonstrict feedback systems: An event-triggered mechanism. <i>Neural Networks</i> , 2021 , 143, 377-385	9.1	3
127	An adaptive fuzzy sliding-mode control for regenerative braking system of electric vehicles. <i>International Journal of Adaptive Control and Signal Processing</i> , 2022 , 36, 391-410	2.8	3
126	Distributed Tracking for Discrete-Time Multiagent Networks via an Ultrafast Control Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	2
125	Convergence analysis of cubature Kalman filter 2014 ,		2
124	Robust Predictive Control of a variable speed wind turbine using the LMI formalism 2014 ,		2
123	A novel soft-stall power control for a small wind turbine 2017 ,		2
122	Sensorless small wind turbine with a sliding-mode observer for water heating applications 2015 ,		2
121	Modeling, Planning, and Control of Complex Logistic Processes. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-2	1.1	2
120	Fuzzy predictive controller design using Ant Colony Optimization algorithm 2014 ,		2
119	Robust Model Predictive Control of Networked Control Systems under Input Constraints and Packet Dropouts. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-11	0.7	2
118	Exploring the Best Classification from Average Feature Combination. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-7	0.7	2

117	Advanced Control and Optimization with Applications to Complex Automotive Systems. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-3	1.1	2
116	Optimal Design of Complex Passive-Damping Systems for Vibration Control of Large Structures: An Energy-to-Peak Approach. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	2
115	A Mahalanobis Hyperellipsoidal Learning Machine Class Incremental Learning Algorithm. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-5	0.7	2
114	Collaborative Development Planning Model of Supporting Product in Platform Innovation Ecosystem. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	2
113	Transformation Algorithm of Dielectric Response in Time-Frequency Domain. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	2
112	Residual Generator-Based Controller Design via Process Measurements. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	2
111	Firefly optimization used to identify hysteresis parameter on rotational MR-damper 2014 ,		2
110	Active Vibration Control in Mechanical Systems. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-2	1.1	2
109	Stabilization and l_x -gain analysis of switched positive systems with actuator saturation 2014 ,		2
108	An iterative based approach for hysteresis parameters estimation in Magnetorheological dampers 2012 ,		2
107	Robust Switching Rule Design for Boost Converters with Uncertain Parameters and Disturbances. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-7	0.7	2
106	On Building a Universal and Compact Visual Vocabulary. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	2
105	Dynamic Output Feedback Passive Control of Uncertain Switched Stochastic Systems with Time-Varying Delay. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	2
104	Stabilization and Controller Design of 2D Discrete Switched Systems with State Delays under Asynchronous Switching. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-12	0.7	2
103	Distributed Consensus for Discrete-Time Directed Networks of Multiagents with Time-Delays and Random Communication Links. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-9	0.7	2
102	Nonfragile Gain-Scheduled Control for Discrete-Time Stochastic Systems with Randomly Occurring Sensor Saturations. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-10	0.7	2
101	Delay-Dependent Control for Networked Control Systems with Large Delays. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	2
100	Reaction Wheel Installation Deviation Compensation for Overactuated Spacecraft with Finite-Time Attitude Control. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	2

99	Robust H_2 -Filtering for Discrete-Time Delay Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	2
98	Design of robust observer for T-S fuzzy time-delayed systems subject to unknown inputs 2013 ,		2
97	Robust synchronization and fault detection of uncertain master-slave systems with mixed time-varying delays and nonlinear perturbations 2010 ,		2
96	Actuators and sensors allocation for adjacent buildings vibration control 2012 ,		2
95	Nonlinear disturbance observer-based control for a class of discrete-time stochastic systems with multiple heterogeneous disturbances. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 180-187	1.8	2
94	Stability of stochastic delay switched neural networks with all unstable subsystems: A multiple discretized Lyapunov-Krasovskii functionals method. <i>Information Sciences</i> , 2022 , 582, 302-315	7.7	2
93	Adaptive Optimal Control for Unknown Constrained Nonlinear Systems With a Novel Quasi-Model Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
92	Observer-based robust H vibration control of a half-car active suspension system: A finite-time approach 2020 , 253-273		1
91	Distributed Passive Actuation Schemes for Seismic Protection of Multibuilding Systems. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2383	2.6	1
90	Oil whip-induced wear in journal bearings. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 73, 973-980	3.2	1
89	Composite nonlinear feedback control for path following of four-wheel independently actuated autonomous ground vehicles 2015 ,		1
88	Observer-based control design for a class of nonlinear systems subject to unknown inputs: LMI approach 2015 ,		1
87	Model Reduction of Fuzzy Logic Systems. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-9	1.1	1
86	Finite-Time Distributed Energy-to-Peak Control for Uncertain Multiagent Systems. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	1
85	A Novel Data-Driven Fault Diagnosis Algorithm Using Multivariate Dynamic Time Warping Measure. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-8	0.7	1
84	Macroscopic Expressions of Molecular Adiabatic Compressibility of Methyl and Ethyl Caprate under High Pressure and High Temperature. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-10	0.7	1
83	Robust Redundant Input Reliable Tracking Control for Omnidirectional Rehabilitative Training Walker. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-10	1.1	1
82	A Partial Robust M-Regression-Based Prediction and Fault Detection Method. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-7	0.7	1

81	On the Global Dissipative and Multipeakon Dissipative Behavior of the Two-Component Camassa-Holm System. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-16	0.7	1
80	Sampling Based Average Classifier Fusion. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-6	1.1	1
79	Global Conservative and Multipeakon Conservative Solutions for the Modified Camassa-Holm System with Coupling Effects. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-17	1.1	1
78	Robust Adaptive Neural Backstepping Control for a Class of Nonlinear Systems with Dynamic Uncertainties. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-12	0.7	1
77	Effects of Surfactants on the Performance of CeO ₂ Humidity Sensor. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-6	1.1	1
76	Multilevel Association Rule Mining for Bridge Resource Management Based on Immune Genetic Algorithm. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-8	0.7	1
75	Fault Detection for Network Control Systems with Multiple Communication Delays and Stochastic Missing Measurements. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-9	1.1	1
74	Model predictive control for drum water level of boiler systems 2014 ,		1
73	Design of a TFT-LCD Based Digital Automobile Instrument. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	1
72	Identification of LTI Time-Delay Systems with Missing Output Data Using GEM Algorithm. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	1
71	New Strategy for Analog Circuit Performance Evaluation under Disturbance and Fault Value. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	1
70	On stability and dissipativity of stochastic nonlinear systems 2012 ,		1
69	Neural network-based models for a vibration suppression system equipped with MR brake 2012 ,		1
68	Robust output feedback H _∞ control synthesis with pole placement for offshore wind turbine system: An LMI approach 2012 ,		1
67	The harp: a vehicle crash test apparatus for full-scale crash test experiments. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 63, 1073-1080	3.2	1
66	State-Feedback Stabilization for a Class of Stochastic Feedforward Nonlinear Time-Delay Systems. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-8	0.7	1
65	Observer-Based Control Design for Nonlinear Networked Control Systems with Limited Information. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-9	0.7	1
64	H _∞ filter Design with Minimum Entropy for Continuous-Time Linear Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	1

63	Observer-Based Robust Control for Switched Stochastic Systems with Time-Varying Delay. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-12	0.7	1
62	Modeling and Backstepping Control of the Electronic Throttle System. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-6	1.1	1
61	H_{∞} Control for Two-Dimensional Markovian Jump Systems with State-Delays and Defective Mode Information. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	1
60	New Delay-Dependent Stability Conditions for Time-Varying Delay Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-6	1.1	1
59	Finite Frequency Vibration Control for Polytopic Active Suspensions via Dynamic Output Feedback. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-12	1.1	1
58	Improving Performance of Evolutionary Algorithms with Application to Fuzzy Control of Truck Backer-Upper System. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	1
57	Control Design for Discrete-Time Fuzzy Systems with Disturbance Inputs via Delta Operator Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-13	1.1	1
56	Input-to-State Stability of Lur \bar{B} Hyperbolic Distributed Complex-Valued Parameter Control Systems: LOI Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-4	1.1	1
55	Reference tracking control of hypersonic vehicles using switched linear parameter-varying approach 2013 ,		1
54	Chaos synchronization for a class of chaotic systems via H_{∞} control technique 2013 ,		1
53	Feedback vibration control of a base-isolated building with delayed measurements using h_{∞} techniques 2010 ,		1
52	Delay-dependent parameter-dependent H_{∞} filtering for a class of LPV delayed systems using PPDQ functions. <i>Journal of Mathematical Sciences</i> , 2009 , 161, 208-225	0.4	1
51	H_{∞} synchronization of Markovian jump master-slave systems with delay 2012 ,		1
50	Entry-Item-Quantity-ABC Analysis-Based Multitype Cigarette Fast Sorting System. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-9	1.1	1
49	Robust stability of switched nonlinear systems with delay and sampling. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 2570-2584	3.6	1
48	Adaptive Fading Extended Kalman Filtering for Mobile Robot Localization Using a Doppler Azimuth Radar. <i>Electronics (Switzerland)</i> , 2021 , 10, 2544	2.6	1
47	Self-triggered finite-time H_{∞} control for Markov jump systems with multiple frequency ranges performance. <i>Information Sciences</i> , 2021 , 581, 694-710	7.7	1
46	Modelling and Identification of the Hysteretic Dynamics of Inerters. <i>Designs</i> , 2020 , 4, 27	1.8	1

45	Finite-time estimation algorithms for LPV discrete-time systems with application to output feedback stabilization. <i>Automatica</i> , 2021 , 125, 109436	5.7	1
44	State Estimation of LPV Discrete-Time Systems with Application to Output Feedback Stabilization 2019 ,		1
43	Adaptive finite-time super-twisting sliding mode control for robotic manipulators with control backlash. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 8537	3.6	1
42	Observer-based SMC for stochastic systems with disturbance driven by fractional Brownian motion. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022 ,	2.8	1
41	Manifold semi-supervised learning for aluminum electrolysis temperature identification based on regularized hierarchical extreme learning machine. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 095965182210828	1	1
40	Real-time implementation of a super twisting control algorithm for an upper limb wearable robot. <i>Mechatronics</i> , 2022 , 84, 102808	3	1
39	Analysis of Electric Motor Magnetic Core Loss under Axial Mechanical Stress. <i>Sensors</i> , 2020 , 20,	3.8	0
38	A Fast Logdet Divergence Based Metric Learning Algorithm for Large Data Sets Classification. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	0
37	Mathematical Modeling, Analysis, and Advanced Control of Complex Dynamical Systems. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-2	1.1	0
36	The Identification of Convex Function on Riemannian Manifold. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-6	1.1	0
35	Multivariate Methods Based Soft Measurement for Wine Quality Evaluation. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-7	0.7	0
34	Experimental Study on Antivibration Control of Electrical Power Steering Systems. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-7	1.1	0
33	Output Feedback Control of Discrete Impulsive Switched Systems with State Delays and Missing Measurements. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1	0
32	A traverse algorithm approach to stochastic stability analysis of Markovian jump systems with unknown and uncertain transition rates. <i>Applied Mathematics and Computation</i> , 2022 , 422, 126968	2.7	0
31	Optimal control of Markovian jump systems via a neural network-based ADP iterative algorithm. <i>Neurocomputing</i> , 2021 , 468, 441-441	5.4	0
30	Direct Torque Control of a Small Wind Turbine with a Sliding-Mode Speed Controller. <i>Journal of Physics: Conference Series</i> , 2016 , 753, 052031	0.3	0
29	A New Design of Asynchronous Observer-Based Output-Feedback Control for Piecewise-Affine Systems 2019 , 3, 338-343		0
28	Development and validation of a nonlinear dynamic impact model for a notch impact. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 80, 1945-1955	3.2	

- 27 A Novel Mathematical Formula for Retrieval Algorithm. *Mathematical Problems in Engineering*, **2014**, 2014, 1-5 1.1
- 26 Switched Dynamics with Its Applications. *Abstract and Applied Analysis*, **2014**, 2014, 1-3 0.7
- 25 Advanced Stochastic Control Systems with Engineering Applications. *Abstract and Applied Analysis*, **2014**, 2014, 1-2 0.7
- 24 Research on Amplifier Performance Evaluation Based on Support Vector Regression. *Abstract and Applied Analysis*, **2014**, 2014, 1-6 0.7
- 23 Research on Vocabulary Sizes and Codebook Universality. *Abstract and Applied Analysis*, **2014**, 2014, 1-7 0.7
- 22 Wind Turbine Pitch Control and Load Mitigation Using an Adaptive Approach. *Mathematical Problems in Engineering*, **2014**, 2014, 1-11 1.1
- 21 Fault Detection for Wireless Networked Control Systems with Stochastic Switching Topology and Time Delay. *Abstract and Applied Analysis*, **2014**, 2014, 1-13 0.7
- 20 Metric Learning Method Aided Data-Driven Design of Fault Detection Systems. *Mathematical Problems in Engineering*, **2014**, 2014, 1-9 1.1
- 19 Direct Adaptive Tracking Control for a Class of Pure-Feedback Stochastic Nonlinear Systems Based on Fuzzy-Approximation. *Abstract and Applied Analysis*, **2014**, 2014, 1-10 0.7
- 18 Recent Advances on Mathematical Modeling and Control Methods for Complex Vehicle Systems. *Journal of Applied Mathematics*, **2014**, 2014, 1-2 1.1
- 17 Observation of a Class of Disturbance in Time Series Expansion for Fractional Order Systems. *Abstract and Applied Analysis*, **2014**, 2014, 1-9 0.7
- 16 Stability in Mean of Partial Variables for Coupled Stochastic Reaction-Diffusion Systems on Networks: A Graph Approach. *Abstract and Applied Analysis*, **2014**, 2014, 1-13 0.7
- 15 A Novel Research on Rough Clustering Algorithm. *Abstract and Applied Analysis*, **2014**, 2014, 1-6 0.7
- 14 Quantized State-Feedback Stabilization for Delayed Markovian Jump Linear Systems with Generally Incomplete Transition Rates. *Abstract and Applied Analysis*, **2014**, 2014, 1-9 0.7
- 13 A Parameter-Dependent Approach to Observer-Based Control for Networked Control LPV Systems. *Mathematical Problems in Engineering*, **2014**, 2014, 1-11 1.1
- 12 Edge Detector Design Based on LS-SVR. *Mathematical Problems in Engineering*, **2014**, 2014, 1-11 1.1
- 11 Further Results on Modeling, Analysis, and Control Synthesis for Offshore Wind Turbine Systems. *Advances in Industrial Control*, **2014**, 135-155 0.3
- 10 Mathematical Control of Complex Systems 2013. *Mathematical Problems in Engineering*, **2014**, 2014, 1-4 1.1

9	Delay-Probability-Distribution-Dependent FIR Filtering Design with Envelope Constraints. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1
8	Robust Coordinated Control Algorithm for Multiple Marine Vessels with External Disturbances. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1
7	Stability and -Gain Control of Positive Switched Systems with Time-Varying Delays via Delta Operator Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-10	1.1
6	Mathematical Modeling, Analysis, and Control of Hybrid Dynamical Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-3	1.1
5	New Developments in Mathematical Control and Information for Fuzzy Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-6	1.1
4	Mathematical Control of Complex Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-4	1.1
3	Stabilization of a Class of Stochastic Nonlinear Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1
2	A self-triggered control scheme for Markov jump systems under multiple range performance restrictions. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2783-2788	0.7
1	A Multi-sensor Information Fusion Method for Autonomous Vehicle Perception System. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022 , 633-646	0.2