

Hamid Reza Karimi

List of Publications by Year in Descending Order

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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	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
565	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
564	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
563	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
562	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
561	Real-time implementation of a super twisting control algorithm for an upper limb wearable robot. <i>Mechatronics</i> , 2022 , 84, 102808	3	1
560	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
559	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
558	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	
557	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
556	Adaptive Fading Extended Kalman Filtering for Mobile Robot Localization Using a Doppler Azimuth Radar. <i>Electronics (Switzerland)</i> , 2021 , 10, 2544	2.6	1
555	Optimal control of Markovian jump systems via a neural network-based ADP iterative algorithm. <i>Neurocomputing</i> , 2021 , 468, 441-441	5.4	0
554	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
553	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
552	Finite-time estimation algorithms for LPV discrete-time systems with application to output feedback stabilization. <i>Automatica</i> , 2021 , 125, 109436	5.7	1
551	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
550	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

549	Dynamic sliding mode control for nonlinear parameter-varying systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 8408	3.6	4
548	Finite-time fuzzy adaptive quantized output feedback control of triangular structural systems. <i>Information Sciences</i> , 2021 , 557, 153-169	7.7	7
547	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
546	Guidance and control methodologies for marine vehicles: A survey. <i>Control Engineering Practice</i> , 2021 , 111, 104785	3.9	22
545	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
544	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
543	Dynamic Self-Triggered Controller Codesign for Markov Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1353-1360	5.9	21
542	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
541	Adaptive Event-Triggered Consensus of Multiagent Systems on Directed Graphs. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1670-1685	5.9	44
540	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 466-477	8.9	52
539	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
538	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
537	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2873-2884	7.3	15
536	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
535	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
534	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
533	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
532	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

531	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
530	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
529	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
528	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
527	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
526	Solving the production transportation problem via a deterministic annealing neural network method. <i>Applied Mathematics and Computation</i> , 2021 , 411, 126518	2.7	4
525	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 12636-12645	8.9	14
524	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
523	Analysis of Electric Motor Magnetic Core Loss under Axial Mechanical Stress. <i>Sensors</i> , 2020 , 20,	3.8	0
522	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
521	Distributed frequent subgraph mining on evolving graph using SPARK. <i>Intelligent Data Analysis</i> , 2020 , 24, 495-513	1.1	3
520	Output-Constrained Robust Sliding Mode Based Nonlinear Active Suspension Control. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10652-10662	8.9	19
519	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
518	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
517	Consensus of multi-agent systems via fully distributed event-triggered control. <i>Automatica</i> , 2020 , 116, 108898	5.7	66
516	Observer-based robust H vibration control of a half-car active suspension system: A finite-time approach 2020 , 253-273		1
515	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
514	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

513	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
512	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
511	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 1402-1412	3.9	29
510	Security Control for TB 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
509	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
508	Distributed Passive Actuation Schemes for Seismic Protection of Multibuilding Systems. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2383	2.6	1
507	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
506	A self-triggered control scheme for Markov jump systems under multiple range performance restrictions. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2783-2788	0.7	
505	Successive Waypoints Tracking of an Underactuated Surface Vehicle. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 898-908	11.9	45
504	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
503	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	10.2	15
502	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
501	Quantized Nonstationary Filtering of Networked Markov Switching RSNs: A Multiple Hierarchical Structure Strategy. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4816-4823	5.9	108
500	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
499	A logarithmic descent direction algorithm for the quadratic knapsack problem. <i>Applied Mathematics and Computation</i> , 2020 , 369, 124854	2.7	9
498	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
497	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
496	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

495	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
494	A resource-aware sliding mode control approach for Markov jump systems. <i>ISA Transactions</i> , 2020 ,	5.5	3
493	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
492	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
491	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
490	Modelling and Identification of the Hysteretic Dynamics of Inerters. <i>Designs</i> , 2020 , 4, 27	1.8	1
489	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
488	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
487	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
486	Self-Triggered DMPC Design for Cooperative Multiagent Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 512-520	8.9	39
485	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
484	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
483	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
482	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
481	\mathcal{H}_∞ 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
480	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
479	Passivity-based robust sliding mode synthesis for uncertain delayed stochastic systems via state observer. <i>Automatica</i> , 2020 , 111, 108596	5.7	36
478	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

477	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
476	Nonlinear disturbance observer-based control for a class of discrete-time stochastic systems with multiple heterogenous disturbances. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 180-187	1.8	2
475	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
474	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
473	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
472	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
471	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
470	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
469	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
468	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
467	Observer-Based Sliding Mode Control for T Σ Fuzzy Descriptor Systems With Time Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2009-2023	8.3	33
466	An approximation algorithm for graph partitioning via deterministic annealing neural network. <i>Neural Networks</i> , 2019 , 117, 191-200	9.1	48
465	Practical trajectory tracking of random Lagrange systems. <i>Automatica</i> , 2019 , 105, 314-322	5.7	40
464	Universal adaptive control for uncertain nonlinear systems via output feedback. <i>Information Sciences</i> , 2019 , 500, 140-155	7.7	43
463	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
462	Takagi-Bugeno 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
461	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
460	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

459	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
458	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
457	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
456	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
455	\mathscr{L}_{∞} 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
454	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
453	Notice of Violation of IEEE Publication Principles: An Adaptive Event-Triggered Synchronization Approach for Chaotic LurĒ Systems Subject to Aperiodic Sampled Data. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 442-446	3.5	52
452	Fuzzy-Model-Based Sliding Mode Control of Nonlinear Descriptor Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3409-3419	10.2	124
451	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
450	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
449	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2340-2351	7.3	41
448	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
447	TakagiĒugeno 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
446	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
445	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
444	A novel approach to sampled-data filter design for piecewise-affine systems. <i>Automatica</i> , 2019 , 109, 108481	5.7	7
443	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
442	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

441	State Estimation of LPV Discrete-Time Systems with Application to Output Feedback Stabilization 2019 ,		1
440	A New Design of Asynchronous Observer-Based Output-Feedback Control for Piecewise-Affine Systems 2019 , 3, 338-343		0
439	Evolutionary computing methodology for small wind turbine supporting structures. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 100, 2741-2752	3.2	5
438	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
437	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
436	H ∞ control of Markov jump time-delay systems under asynchronous controller and quantizer. <i>Automatica</i> , 2019 , 99, 352-360	5.7	87
435	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
434	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
433	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
432	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, 395-403	7.3	52
431	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
430	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
429	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
428	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
427	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	3.9	153
426	Sampled-Data Control of Network Systems in Industrial Manufacturing. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 9016-9024	8.9	56
425	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
424	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

423	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
422	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	7.9	75
421	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
420	Distributed H_{∞} 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
419	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
418	Construction of hybrid interval observers for switched linear systems. <i>Information Sciences</i> , 2018 , 454-455, 242-254	7.7	18
417	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
416	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
415	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
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240	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
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79	Optimization of Biodiesel Injection Parameters Based on Support Vector Machine. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-8	1.1	5
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25	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
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