

Zidong Wang

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

528 papers	31,615 citations	101 h-index	157 g-index
571 ext. papers	37,604 ext. citations	4.3 avg, IF	8.09 L-index

#	Paper	IF	Citations
528	Outlier-Resistant Filtering With Dead-Zone-Like Censoring Under Try-Once-Discard Protocol. <i>IEEE Transactions on Signal Processing</i> , 2022 , 70, 714-728	4.8	3
527	Dynamic event-based recursive filtering for multirate systems with integral measurements over sensor networks. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 1374	3.6	4
526	Event-Triggered Cost-Guaranteed Control for Linear Repetitive Processes under Probabilistic Constraints. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	2
525	Minimum-Variance State and Fault Estimation for Multi-Rate Systems with Dynamical Bias. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	0
524	Empower parameterized generative adversarial networks using a novel particle swarm optimizer: algorithms and applications. <i>International Journal of Machine Learning and Cybernetics</i> , 2022 , 13, 1145	3.8	1
523	State estimation for systems with unobservable packet losses: Approximate estimation, stability, and performance analysis. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 545	3.6	
522	Bounded H_{∞} Synchronization and H_{∞} Filtering for Discrete-Time Complex Networks. <i>Studies in Systems, Decision and Control</i> , 2022 , 191-212	0.8	
521	Distributed H_{∞} Filtering for Discrete-Time Piecewise Linear Systems. <i>Studies in Systems, Decision and Control</i> , 2022 , 25-41	0.8	
520	Consensus Filtering with Stochastic Nonlinearities and Multiple Missing Measurements. <i>Studies in Systems, Decision and Control</i> , 2022 , 43-58	0.8	
519	Distributed Resilient Filtering for Time-Delayed Systems with Stochastic Perturbations. <i>Studies in Systems, Decision and Control</i> , 2022 , 143-169	0.8	
518	Non-Fragile Dissipative Fuzzy PID Control with Mixed Fading Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	1
517	Distributed Filtering Under Constrained Bit Rate Over Wireless Sensor Networks: Dealing with Bit Rate Allocation Protocol. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	0
516	Distributed Filtering for Complex Networks under Multiple Event-Triggered Transmissions within Node-Wise Communications. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	2
515	Set-Membership Filtering under Round-Robin Protocol and Try-Once-Discard Protocol. <i>Studies in Systems, Decision and Control</i> , 2022 , 87-105	0.8	
514	Remote Estimation for Energy Harvesting Systems under Multiplicative Noises: A Binary Encoding Scheme with Probabilistic Bit Flips. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	
513	Event-Triggered Set-Membership State Estimation for Complex Networks: A Zonotopes-Based Method. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	5
512	State Estimation under Joint False Data Injection Attacks: Dealing with Constraints and Insecurity. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	4

511	A Recursive Algorithm for Secure Filtering for Two-Dimensional State-Saturated Systems under Network-based Deception Attacks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	3
510	Protocol-Based Fusion Estimator Design for State-Saturated Systems with Dead-Zone-Like Censoring under Deception Attacks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2021 , 1-1	2.8	2
509	Proportional-Integral Observer Design for Uncertain Time-Delay Systems Subject to Deception Attacks: An Outlier-Resistant Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	1
508	Multi-Sensor Filtering Fusion With Parametric Uncertainties and Measurement Censoring: Monotonicity and Boundedness. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 5875-5890	4.8	6
507	A Resilient Approach to Recursive Distributed Filtering for Multirate Systems Over Sensor Networks With Time-Correlated Fading Channels. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2021 , 7, 636-647	2.8	2
506	50 Years of international journal of systems science: a review of the past and trends for the future. <i>International Journal of Systems Science</i> , 2021 , 52, 1515-1538	2.3	12
505	Nonfragile H State Estimation for Recurrent Neural Networks With Time-Varying Delays: On Proportional-Integral Observer Design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 3553-3565	10.3	5
504	A PSO-based deep learning approach to classifying patients from emergency departments. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 1939	3.8	12
503	H_{∞} State Estimation for Coupled Stochastic Complex Networks With Periodical Communication Protocol and Intermittent Nonlinearity Switching. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1414-1425	4.9	9
502	Partial-Nodes-Based State Estimation for Complex Networks With Constrained Bit Rate. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1887-1899	4.9	4
501	Probability-Guaranteed Distributed Filtering for Nonlinear Systems With Innovation Constraints Over Sensor Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 951-963	4	18
500	Multi-task Pruning via Filter Index Sharing: A Many-Objective Optimization Approach. <i>Cognitive Computation</i> , 2021 , 13, 1070-1084	4.4	2
499	Synchronization Control for Discrete-Time-Delayed Dynamical Networks With Switching Topology Under Actuator Saturations. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2040-2053	10.3	18
498	Moving-Horizon Estimation for Linear Dynamic Networks With Binary Encoding Schemes. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1763-1770	5.9	25
497	A Novel Framework for Backstepping-Based Control of Discrete-Time Strict-Feedback Nonlinear Systems With Multiplicative Noises. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1484-1496	5.9	46
496	H_{∞} ProportionalIntegral observer design for systems with mixed time-delays under roundRobin protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 887-906	3.6	1
495	Scalable consensus filtering for uncertain systems over sensor networks with Round-Robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1051-1066	3.6	6
494	Particle Filtering for Nonlinear/Non-Gaussian Systems With Energy Harvesting Sensors Subject to Randomly Occurring Sensor Saturations. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 15-27	4.8	8

493	Maximum-correntropy-based Kalman filtering for time-varying systems with randomly occurring uncertainties: An event-triggered approach. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1582-1599	3.6	
492	Model Evaluation of the Stochastic Boolean Control Networks. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	1
491	Local Stabilization for Multiple Input-Delay Systems subject to Saturating Actuators: The Continuous-time Case. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	2
490	Consensus Control of Linear Multiagent Systems Under Actuator Imperfection: When Saturation Meets Fault. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	9
489	Ultimately Bounded Filtering Subject to Impulsive Measurement Outliers. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	24
488	Recursive Set-Membership State Estimation Over a FlexRay Network. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	5
487	Necessary and Sufficient Conditions for Fault Diagnosability of Linear Open- and Closed-Loop Stochastic Systems under Sensor and Actuator Faults. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	3
486	Distributed Auxiliary Particle Filtering With Diffusion Strategy for Target Tracking: A Dynamic Event-Triggered Approach. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 328-340	4.8	9
485	Tobit Kalman filtering for fractional-order systems with stochastic nonlinearities under Round-Robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 2348-2370	3.6	7
484	On State Estimation for Discrete Time-Delayed Memristive Neural Networks Under the WTOD Protocol: A Resilient Set-Membership Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	2
483	Fault-Tolerant Consensus Control for Multi-agent Systems: An Encryption-Decryption Scheme. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	9
482	Data-driven Dynamical Control for Bottom-up Energy Internet System. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 1-1	8.2	5
481	Recursive State Estimation for Stochastic Complex Networks Under Round-Robin Communication Protocol: Handling Packet Disorders. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 2455-2468	4.9	3
480	Robust fusion filtering over multisensor systems with energy harvesting constraints. <i>Automatica</i> , 2021 , 131, 109782	5.7	4
479	A New GAN-Based Approach to Data Augmentation and Image Segmentation for Crack Detection in Thermal Imaging Tests. <i>Cognitive Computation</i> , 2021 , 13, 1263	4.4	3
478	Resilient Actuator Fault Estimation for Discrete-Time Complex Networks: A Distributed Approach. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4214-4221	5.9	6
477	Encryption-Decryption-based consensus control for multi-agent systems: Handling actuator faults. <i>Automatica</i> , 2021 , 134, 109908	5.7	6
476	Two approaches to partial-nodes-based state estimation for delayed complex networks with intermittent measurement transmissions. <i>Information Fusion</i> , 2021 , 76, 315-322	16.7	0

475	Probability-Guaranteed Distributed Secure Estimation for Nonlinear Systems Over Sensor Networks Under Deception Attacks on Innovations. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2021 , 7, 465-477	2.8	5
474	Protocol-Based Tobit Kalman Filter Under Integral Measurements and Probabilistic Sensor Failures. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 546-559	4.8	10
473	State-of-charge estimation for Li-ion batteries with uncertain parameters and uncorrelated/correlated noises: a recursive approach. <i>International Journal of Systems Science</i> , 2021 , 52, 1675-1691	2.3	2
472	H-infinity PID Control for Discrete-Time Fuzzy Systems with Infinite-Distributed Delays under Round-Robin Communication Protocol. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	0
471	Distributed Recursive Filtering over Sensor Networks with Non-Logarithmic Sensor Resolution. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	1
470	Outlier-Resistant Observer-Based Control for a Class of Networked Systems Under Encoding/Decoding Mechanism. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	1
469	Secure Particle Filtering for Cyber-Physical Systems With Binary Sensors Under Multiple Attacks. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	1
468	Federated Tobit Kalman Filtering Fusion With Dead-Zone-Like Censoring and Dynamical Bias Under the Round-Robin Protocol. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2021 , 7, 1-16	2.8	9
467	Anti-disturbance filter design for a class of stochastic systems with fading channels. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	9
466	H _∞ state estimation for multi-rate artificial neural networks with integral measurements: A switched system approach. <i>Information Sciences</i> , 2020 , 539, 434-446	7.7	15
465	Event-triggered recursive state estimation for dynamical networks under randomly switching topologies and multiple missing measurements. <i>Automatica</i> , 2020 , 115, 108908	5.7	83
464	Nonfragile H _∞ filtering for discrete multirate time-delayed systems over sensor networks characterized by Gilbert-Elliott models. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3194-3214	3.6	15
463	Dynamic self-triggered output-feedback control for nonlinear stochastic systems with time delays. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3786-3800	3.6	8
462	A Survey on Filtering Issues for Two-Dimensional Systems: Advances and Challenges. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 629-642	2.9	8
461	Recursive resilient filtering for nonlinear stochastic systems with packet disorders. <i>Journal of the Franklin Institute</i> , 2020 , 357, 4817-4833	4	7
460	Delay-distribution-dependent state estimation for neural networks under stochastic communication protocol with uncertain transition probabilities. <i>Neural Networks</i> , 2020 , 130, 143-151	9.1	23
459	Two-stage particle filtering for non-Gaussian state estimation with fading measurements. <i>Automatica</i> , 2020 , 115, 108882	5.7	11
458	Recursive distributed filtering for two-dimensional shift-varying systems over sensor networks under stochastic communication protocols. <i>Automatica</i> , 2020 , 115, 108865	5.7	10

457	Recursive fusion estimation for stochastic discrete time-varying complex networks under stochastic communication protocol: The state-saturated case. <i>Information Fusion</i> , 2020 , 60, 11-19	16.7	5
456	State Estimation for Stochastic Time-Varying Boolean Networks. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 5480-5487	5.9	24
455	An overview of stability analysis and state estimation for memristive neural networks. <i>Neurocomputing</i> , 2020 , 391, 1-12	5.4	24
454	l-l state estimation for delayed artificial neural networks under high-rate communication channels with Round-Robin protocol. <i>Neural Networks</i> , 2020 , 124, 170-179	9.1	11
453	A Dynamic Event-Triggered Approach to H _∞ Control for Discrete-Time Singularly Perturbed Systems With Time-Delays and Sensor Saturations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	12
452	A Prediction-Based Approach to Distributed Filtering With Missing Measurements and Communication Delays Through Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	25
451	An N-State Markovian Jumping Particle Swarm Optimization Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-13	7.3	15
450	Recursive Filtering with Measurement Fading: A Multiple Description Coding Scheme. <i>IEEE Transactions on Automatic Control</i> , 2020 , 1-1	5.9	24
449	Locally Minimum-Variance Filtering of 2-D Systems Over Sensor Networks With Measurement Degradations: A Distributed Recursive Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	1
448	Two-stage deep regression enhanced depth estimation from a single RGB image. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 1-1	4.1	2
447	Position-Transitional Particle Swarm Optimization-incorporated Latent Factor Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	39
446	Distributed State Estimation Under Random Parameters and Dynamic Quantizations Over Sensor Networks: A Dynamic Event-Based Approach. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2020 , 6, 732-743	2.8	5
445	Event-triggered stabilisation for switched delayed differential systems: the input-to-state stability. <i>IET Control Theory and Applications</i> , 2020 , 14, 1711-1721	2.5	4
444	H _∞ Filtering for multi-rate multi-sensor systems with randomly occurring sensor saturations under the p-persistent CSMA protocol. <i>IET Control Theory and Applications</i> , 2020 , 14, 1255-1265	2.5	10
443	Distributed State-Saturated Recursive Filtering Over Sensor Networks Under Round-Robin Protocol. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3605-3615	10.2	72
442	Recursive state estimation for two-dimensional shift-varying systems with random parameter perturbation and dynamical bias. <i>Automatica</i> , 2020 , 112, 108658	5.7	13
441	Recursive distributed filtering over sensor networks on GilbertElliott channels: A dynamic event-triggered approach. <i>Automatica</i> , 2020 , 113, 108681	5.7	82
440	On Boundedness of Error Covariances for Kalman Consensus Filtering Problems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 2654-2661	5.9	12

439	Scalable Distributed Filtering for a Class of Discrete-Time Complex Networks Over Time-Varying Topology. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2930-2941	10.3	9
438	Mixed H/H State Estimation for Discrete-Time Switched Complex Networks With Random Coupling Strengths Through Redundant Channels. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4130-4142	10.3	24
437	An Event-Triggering Approach to Recursive Filtering for Complex Networks With State Saturations and Random Coupling Strengths. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4279-4289	10.3	11
436	Fault estimation for complex networks with randomly varying topologies and stochastic inner couplings. <i>Automatica</i> , 2020 , 112, 108734	5.7	29
435	Moving horizon estimation with multirate measurements and correlated noises. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7429-7445	3.6	35
434	Dynamic event-based state estimation for delayed artificial neural networks with multiplicative noises: A gain-scheduled approach. <i>Neural Networks</i> , 2020 , 132, 211-219	9.1	15
433	Protocol-based extended Kalman filtering with quantization effects: The Round-Robin case. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7927-7946	3.6	10
432	Resilient H State Estimation for Discrete-Time Stochastic Delayed Memristive Neural Networks: A Dynamic Event-Triggered Mechanism. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
431	H and l-l state estimation for delayed memristive neural networks on finite horizon: The Round-Robin protocol. <i>Neural Networks</i> , 2020 , 132, 121-130	9.1	10
430	On Adaptive Learning Framework for Deep Weighted Sparse Autoencoder: A Multiobjective Evolutionary Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	8
429	Set-membership filtering for time-varying complex networks with uniform quantisations over randomly delayed redundant channels. <i>International Journal of Systems Science</i> , 2020 , 51, 3364-3377	2.3	58
428	Observer-based sliding mode control for state-saturated systems under weighted try-once-discard protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7991-8006	3.6	2
427	Delay-Distribution-Dependent H State Estimation for Discrete-Time Memristive Neural Networks With Mixed Time-Delays and Fading Measurements. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 440-451	10.2	62
426	A Scalable Algorithm for Event-Triggered State Estimation With Unknown Parameters and Switching Topologies Over Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4087-4097	10.2	29
425	\mathcal{H}_{∞} PID Control With Fading Measurements: The Output-Feedback Case. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2170-2180	7.3	26
424	Finite-Horizon Distributed State Estimation Under Randomly Switching Topologies and Redundant Channels. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2938-2947	7.3	21
423	Detection of intermittent faults for nonuniformly sampled multi-rate systems with dynamic quantisation and missing measurements. <i>International Journal of Control</i> , 2020 , 93, 898-909	1.5	27
422	A Collaborative-Filtering-Based Data Collection Strategy for Friedreich Ataxia. <i>Cognitive Computation</i> , 2020 , 12, 249-260	4.4	4

421	A Set-Membership Approach to Event-Triggered Filtering for General Nonlinear Systems Over Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1792-1799	5.9	173
420	Protocol-Based Unscented Kalman Filtering in the Presence of Stochastic Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1303-1309	5.9	58
419	Minimum-Variance Recursive Filtering for Two-Dimensional Systems With Degraded Measurements: Boundedness and Monotonicity. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 4153-4166	5.9	6
418	H _∞ finite-horizon filtering for complex networks with state saturations: The weighted try-once-discard protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2096-2111	3.6	17
417	Variance-constrained H _∞ state estimation for time-varying multi-rate systems with redundant channels: The finite-horizon case. <i>Information Sciences</i> , 2019 , 501, 222-235	7.7	22
416	Active disturbance rejection control for a pneumatic motion platform subject to actuator saturation: An extended state observer approach. <i>Automatica</i> , 2019 , 107, 353-361	5.7	31
415	Non-fragile H_{∞} state estimation for discrete-time complex networks with randomly occurring time-varying delays and channel fadings. <i>IMA Journal of Mathematical Control and Information</i> , 2019 , 36, 247-269	1.1	4
414	A Survey on Model-Based Distributed Control and Filtering for Industrial Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2483-2499	11.9	235
413	A Partial-Nodes-Based Information fusion approach to state estimation for discrete-Time delayed stochastic complex networks. <i>Information Fusion</i> , 2019 , 49, 240-248	16.7	64
412	EGEP: An Event Tracker Enhanced Gene Expression Programming for Data Driven System Engineering Problems. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019 , 3, 117-126	4.1	5
411	Distributed filtering for nonlinear time-delay systems over sensor networks subject to multiplicative link noises and switching topology. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2941-2959	3.6	97
410	Local design of distributed H _∞ consensus filtering over sensor networks under multiplicative noises and deception attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2296-2314	3.6	18
409	An information aware event-triggered scheme for particle filter based remote state estimation. <i>Automatica</i> , 2019 , 103, 151-158	5.7	27
408	Delay-distribution-dependent non-fragile state estimation for discrete-time neural networks under event-triggered mechanism. <i>Neural Computing and Applications</i> , 2019 , 31, 7245-7256	4.8	4
407	Exponential Synchronization for Delayed Dynamical Networks via Intermittent Control: Dealing With Actuator Saturations. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1000-1012	10.3	62
406	State Estimation for Communication-Based Train Control Systems With CSMA Protocol. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 843-854	6.1	12
405	Event-Based Distributed Filtering Over Markovian Switching Topologies. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1595-1602	5.9	43
404	Non-Fragile Distributed Fault Estimation for a Class of Nonlinear Time-Varying Systems Over Sensor Networks: The Finite-Horizon Case. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2019 , 5, 61-69	2.8	19

403	Set-Membership Filtering for State-Saturated Systems With Mixed Time-Delays Under Weighted Try-Once-Discard Protocol. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 312-316	3.5	33
402	Robust H_2/H_∞ Model Predictive Control for Linear Systems With Polytopic Uncertainties Under Weighted MEF-TOD Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1470-1481	7.3	45
401	An Improved Particle Filter With a Novel Hybrid Proposal Distribution for Quantitative Analysis of Gold Immunochromatographic Strips. <i>IEEE Nanotechnology Magazine</i> , 2019 , 18, 819-829	2.6	116
400	State estimation over non-acknowledgment networks with Markovian packet dropouts. <i>Automatica</i> , 2019 , 109, 108484	5.7	12
399	A Hierarchical Game Approach to the Coupled Resilient Control of CPS against Denial-of-Service Attack 2019 ,		3
398	MOI-Based Stratified Crack Detection: A PCA Approach* 2019 ,		1
397	Event-Based Recursive Distributed Filtering. <i>Studies in Systems, Decision and Control</i> , 2019 , 117-134	0.8	
396	Consensus-Based Recursive Distributed Filtering. <i>Studies in Systems, Decision and Control</i> , 2019 , 159-172	0.8	
395	Event-Based Distributed Filtering of Continuous-Time Nonlinear Systems. <i>Studies in Systems, Decision and Control</i> , 2019 , 77-98	0.8	
394	Moving-Horizon Estimation with Binary Encoding Schemes. <i>Studies in Systems, Decision and Control</i> , 2019 , 195-219	0.8	0
393	Prediction-based Optimal Distributed Filtering with Communication Delay over Sensor Networks 2019 ,		1
392	State estimation under non-Gaussian L_0 and time-correlated additive sensor noises: A modified Tobit Kalman filtering approach. <i>Signal Processing</i> , 2019 , 154, 120-128	4.4	20
391	Probabilistic-constrained filtering for a class of nonlinear systems with improved static event-triggered communication. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1484-1498	3.6	110
390	Un-supervised and semi-supervised hand segmentation in egocentric images with noisy label learning. <i>Neurocomputing</i> , 2019 , 334, 11-24	5.4	8
389	Event-Based (H_∞) Consensus Control of Multi-agent Systems. <i>Studies in Systems, Decision and Control</i> , 2019 , 37-56	0.8	
388	A Novel Particle Swarm Optimization Approach for Patient Clustering From Emergency Departments. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 632-644	15.6	72
387	On mean-square H_2 control for discrete-time nonlinear stochastic systems with (x, u, v) -dependent noises. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 882-893	3.6	3
386	Position tracking and attitude control for quadrotors via active disturbance rejection control method. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	17

385	Finite-horizon fault estimation under imperfect measurements and stochastic communication protocol: Dealing with finite-time boundedness. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 117-134	3.6	23
384	Event-Triggered Partial-Nodes-Based State Estimation for Delayed Complex Networks With Bounded Distributed Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1088-1098	7.3	76
383	A Dynamic Event-Triggered Transmission Scheme for Distributed Set-Membership Estimation Over Wireless Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 171-183	10.2	238
382	A Threshold-Parameter-Dependent Approach to Designing Distributed Event-Triggered H Consensus Filters Over Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1148-1159	10.2	136
381	(H_{∞}) state estimation for discrete-time stochastic memristive BAM neural networks with mixed time-delays. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 771-785	3.8	12
380	On passivity and robust passivity for discrete-time stochastic neural networks with randomly occurring mixed time delays. <i>Neural Computing and Applications</i> , 2019 , 31, 65-78	4.8	25
379	Stability analysis for discrete-time stochastic memristive neural networks with both leakage and probabilistic delays. <i>Neural Networks</i> , 2018 , 102, 1-9	9.1	55
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283	Active Fault-Tolerant Control for an Internet-Based Networked Three-Tank System. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 2150-2157	4.8	50
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280	A variance-constrained approach to recursive state estimation for time-varying complex networks with missing measurements. <i>Automatica</i> , 2016 , 64, 155-162	5.7	305
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39	Microarray subgrid detection: a novel algorithm. <i>International Journal of Computer Mathematics</i> , 2007 , 84, 669-678	1.2	1
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37	Design of exponential state estimators for neural networks with mixed time delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 364, 401-412	2.3	115
36	Robust H _∞ control for networked systems with random packet losses. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007 , 37, 916-24		352
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33	On global exponential stability of generalized stochastic neural networks with mixed time-delays. <i>Neurocomputing</i> , 2006 , 70, 314-326	5.4	93
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30	Robust H ₂ /H _∞ filtering for Uncertain Systems with Missing Measurement 2006 ,		2
29	On designing robust controllers under randomly varying sensor delay with variance constraints. <i>International Journal of General Systems</i> , 2006 , 35, 1-15	2.1	8
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17	On global asymptotic stability of neural networks with discrete and distributed delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005 , 345, 299-308	2.3	360
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