

# Zidong Wang

## 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.

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> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2022</b> , 32, 545	3.6	
522	Bounded $H_{\infty}$ Synchronization and $H_{\infty}$ Filtering for Discrete-Time Complex Networks. <i>Studies in Systems, Decision and Control</i> , <b>2022</b> , 191-212	0.8	
521	Distributed $H_{\infty}$ Filtering for Discrete-Time Piecewise Linear Systems. <i>Studies in Systems, Decision and Control</i> , <b>2022</b> , 25-41	0.8	
520	Consensus Filtering with Stochastic Nonlinearities and Multiple Missing Measurements. <i>Studies in Systems, Decision and Control</i> , <b>2022</b> , 43-58	0.8	
519	Distributed Resilient Filtering for Time-Delayed Systems with Stochastic Perturbations. <i>Studies in Systems, Decision and Control</i> , <b>2022</b> , 143-169	0.8	
518	Non-Fragile Dissipative Fuzzy PID Control with Mixed Fading Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2022</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 12, 1939	3.8	12
503	$H_{\infty}$ State Estimation for Coupled Stochastic Complex Networks With Periodical Communication Protocol and Intermittent Nonlinearity Switching. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 8, 951-963	4	18
500	Multi-task Pruning via Filter Index Sharing: A Many-Objective Optimization Approach. <i>Cognitive Computation</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 66, 1484-1496	5.9	46
496	$\mathcal{H}_{\infty}$ proportional-integral observer design for systems with mixed time-delays under round-robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 31, 1582-1599	3.6	
492	Model Evaluation of the Stochastic Boolean Control Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 1-13	7.3	9
489	Ultimately Bounded Filtering Subject to Impulsive Measurement Outliers. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 1-1	5.9	9
482	Data-driven Dynamical Control for Bottom-up Energy Internet System. <i>IEEE Transactions on Sustainable Energy</i> , <b>2021</b> , 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> , <b>2021</b> , 8, 2455-2468 <sup>3</sup>	4.9	
480	Robust fusion filtering over multisensor systems with energy harvesting constraints. <i>Automatica</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 66, 4214-4221	5.9	6
477	Encryption-Decryption-based consensus control for multi-agent systems: Handling actuator faults. <i>Automatica</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2021</b> , 1-1	8.3	0
471	Distributed Recursive Filtering over Sensor Networks with Non-Logarithmic Sensor Resolution. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 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> , <b>2021</b> , 1-11	4.3	1
469	Secure Particle Filtering for Cyber-Physical Systems With Binary Sensors Under Multiple Attacks. <i>IEEE Systems Journal</i> , <b>2021</b> , 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> , <b>2021</b> , 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> , <b>2020</b> , 63, 1	3.4	9
466	H <sub>∞</sub> state estimation for multi-rate artificial neural networks with integral measurements: A switched system approach. <i>Information Sciences</i> , <b>2020</b> , 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> , <b>2020</b> , 115, 108908	5.7	83
464	Nonfragile H <sub>∞</sub> filtering for discrete multirate time-delayed systems over sensor networks characterized by Gilbert-Elliott models. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 18, 629-642	2.9	8
461	Recursive resilient filtering for nonlinear stochastic systems with packet disorders. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 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> , <b>2020</b> , 130, 143-151	9.1	23
459	Two-stage particle filtering for non-Gaussian state estimation with fading measurements. <i>Automatica</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 60, 11-19	16.7	5
456	State Estimation for Stochastic Time-Varying Boolean Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 5480-5487	5.9	24
455	An overview of stability analysis and state estimation for memristive neural networks. <i>Neurocomputing</i> , <b>2020</b> , 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> , <b>2020</b> , 124, 170-179	9.1	11
453	A Dynamic Event-Triggered Approach to H <sub>∞</sub> Control for Discrete-Time Singularly Perturbed Systems With Time-Delays and Sensor Saturations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 1-13	7.3	15
450	Recursive Filtering with Measurement Fading: A Multiple Description Coding Scheme. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 1-1	4.1	2
447	Position-Transitional Particle Swarm Optimization-incorporated Latent Factor Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 14, 1711-1721	2.5	4
444	H <sub>∞</sub> 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 112, 108658	5.7	13
441	Recursive distributed filtering over sensor networks on GilbertElliott channels: A dynamic event-triggered approach. <i>Automatica</i> , <b>2020</b> , 113, 108681	5.7	82
440	On Boundedness of Error Covariances for Kalman Consensus Filtering Problems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 31, 4279-4289	10.3	11
436	Fault estimation for complex networks with randomly varying topologies and stochastic inner couplings. <i>Automatica</i> , <b>2020</b> , 112, 108734	5.7	29
435	Moving horizon estimation with multirate measurements and correlated noises. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 50, 4087-4097	10.2	29
425	$\mathcal{H}_{\infty}$ PID Control With Fading Measurements: The Output-Feedback Case. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 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> , <b>2020</b> , 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> , <b>2020</b> , 93, 898-909	1.5	27
422	A Collaborative-Filtering-Based Data Collection Strategy for Friedreich's Ataxia. <i>Cognitive Computation</i> , <b>2020</b> , 12, 249-260	4.4	4

4 <sup>21</sup>	A Set-Membership Approach to Event-Triggered Filtering for General Nonlinear Systems Over Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 1792-1799	5.9	173
4 <sup>20</sup>	Protocol-Based Unscented Kalman Filtering in the Presence of Stochastic Uncertainties. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 1303-1309	5.9	58
4 <sup>19</sup>	Minimum-Variance Recursive Filtering for Two-Dimensional Systems With Degraded Measurements: Boundedness and Monotonicity. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4153-4166	5.9	6
4 <sup>18</sup>	H <sub>∞</sub> finite-horizon filtering for complex networks with state saturations: The weighted try-once-discard protocol. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 2096-2111	3.6	17
4 <sup>17</sup>	Variance-constrained H <sub>∞</sub> state estimation for time-varying multi-rate systems with redundant channels: The finite-horizon case. <i>Information Sciences</i> , <b>2019</b> , 501, 222-235	7.7	22
4 <sup>16</sup>	Active disturbance rejection control for a pneumatic motion platform subject to actuator saturation: An extended state observer approach. <i>Automatica</i> , <b>2019</b> , 107, 353-361	5.7	31
4 <sup>15</sup>	Non-fragile $H_{\infty}$ state estimation for discrete-time complex networks with randomly occurring time-varying delays and channel fading. <i>IMA Journal of Mathematical Control and Information</i> , <b>2019</b> , 36, 247-269	1.1	4
4 <sup>14</sup>	A Survey on Model-Based Distributed Control and Filtering for Industrial Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 2483-2499	11.9	235
4 <sup>13</sup>	A Partial-Nodes-Based Information fusion approach to state estimation for discrete-time delayed stochastic complex networks. <i>Information Fusion</i> , <b>2019</b> , 49, 240-248	16.7	64
4 <sup>12</sup>	EGEP: An Event Tracker Enhanced Gene Expression Programming for Data Driven System Engineering Problems. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2019</b> , 3, 117-126	4.1	5
4 <sup>11</sup>	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> , <b>2019</b> , 29, 2941-2959	3.6	97
4 <sup>10</sup>	Local design of distributed H <sub>∞</sub> consensus filtering over sensor networks under multiplicative noises and deception attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 2296-2314	3.6	18
4 <sup>09</sup>	An information aware event-triggered scheme for particle filter based remote state estimation. <i>Automatica</i> , <b>2019</b> , 103, 151-158	5.7	27
4 <sup>08</sup>	Delay-distribution-dependent non-fragile state estimation for discrete-time neural networks under event-triggered mechanism. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 7245-7256	4.8	4
4 <sup>07</sup>	Exponential Synchronization for Delayed Dynamical Networks via Intermittent Control: Dealing With Actuator Saturations. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 1000-1012	10.3	62
4 <sup>06</sup>	State Estimation for Communication-Based Train Control Systems With CSMA Protocol. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2019</b> , 20, 843-854	6.1	12
4 <sup>05</sup>	Event-Based Distributed Filtering Over Markovian Switching Topologies. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1595-1602	5.9	43
4 <sup>04</sup>	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> , <b>2019</b> , 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> , <b>2019</b> , 66, 312-316	3.5	33
402	Robust $H_2/H_\infty$ Model Predictive Control for Linear Systems With Polytopic Uncertainties Under Weighted MEF-TOD Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 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> , <b>2019</b> , 18, 819-829	2.6	116
400	State estimation over non-acknowledgment networks with Markovian packet dropouts. <i>Automatica</i> , <b>2019</b> , 109, 108484	5.7	12
399	A Hierarchical Game Approach to the Coupled Resilient Control of CPS against Denial-of-Service Attack <b>2019</b> ,		3
398	MOI-Based Stratified Crack Detection: A PCA Approach* <b>2019</b> ,		1
397	Event-Based Recursive Distributed Filtering. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 117-134	0.8	
396	Consensus-Based Recursive Distributed Filtering. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 159-172	0.8	
395	Event-Based Distributed Filtering of Continuous-Time Nonlinear Systems. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 77-98	0.8	
394	Moving-Horizon Estimation with Binary Encoding Schemes. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 195-219	0.8	0
393	Prediction-based Optimal Distributed Filtering with Communication Delay over Sensor Networks <b>2019</b> ,		1
392	State estimation under non-Gaussian $L_1$ and time-correlated additive sensor noises: A modified Tobit Kalman filtering approach. <i>Signal Processing</i> , <b>2019</b> , 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> , <b>2019</b> , 29, 1484-1498	3.6	110
390	Un-supervised and semi-supervised hand segmentation in egocentric images with noisy label learning. <i>Neurocomputing</i> , <b>2019</b> , 334, 11-24	5.4	8
389	Event-Based ( $H_\infty$ ) Consensus Control of Multi-agent Systems. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 37-56	0.8	
388	A Novel Particle Swarm Optimization Approach for Patient Clustering From Emergency Departments. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 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> , <b>2019</b> , 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> , <b>2019</b> , 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> , <b>2019</b> , 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> , <b>2019</b> , 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> , <b>2019</b> , 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> , <b>2019</b> , 49, 1148-1159	10.2	136
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380	On passivity and robust passivity for discrete-time stochastic neural networks with randomly occurring mixed time delays. <i>Neural Computing and Applications</i> , <b>2019</b> , 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> , <b>2018</b> , 102, 1-9	9.1	55
378	Partial-Nodes-Based State Estimation for Complex Networks With Unbounded Distributed Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3906-3912	10.3	53
377	An event-triggered approach to distributed H $\infty$ state estimation for state-saturated systems with randomly occurring mixed delays. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 3104-3121	4	23
376	Target Tracking for Wireless Localization Systems With Degraded Measurements and Quantization Effects. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 9687-9697	8.9	24
375	Event-based recursive filtering for a class of nonlinear stochastic parameter systems over fading channels. <i>International Journal of General Systems</i> , <b>2018</b> , 47, 401-415	2.1	5
374	Fault Detection for Fuzzy Systems With Multiplicative Noises Under Periodic Communication Protocols. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 2384-2395	8.3	29
373	Event-triggered H $\infty$ state estimation for state-saturated complex networks subject to quantization effects and distributed delays. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 2874-2891	4	30
372	Encoding-Decoding-Based control and filtering of networked systems: insights, developments and opportunities. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2018</b> , 5, 3-18	7	35
371	Resilient Filtering for Linear Time-Varying Repetitive Processes Under Uniform Quantizations and Round-Robin Protocols. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 2992-3004	3.9	28
370	PID output-feedback control under event-triggered protocol. <i>International Journal of General Systems</i> , <b>2018</b> , 47, 432-445	2.1	9
369	An Event-Triggered Pinning Control Approach to Synchronization of Discrete-Time Stochastic Complex Dynamical Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 5812-5822	10.3	46
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366	A Gain-Scheduling Approach to Nonfragile $H_{\infty}$ Fuzzy Control Subject to Fading Channels. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 142-154	8.3	23
365	Recursive Distributed Filtering for a Class of State-Saturated Systems With Fading Measurements and Quantization Effects. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 930-941	7.3	66
364	Event-based distributed recursive filtering for state-saturated systems with redundant channels. <i>Information Fusion</i> , <b>2018</b> , 39, 96-107	16.7	31
363	Event-based input and state estimation for linear discrete time-varying systems. <i>International Journal of Control</i> , <b>2018</b> , 91, 101-113	1.5	17
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361	Event-Based Variance-Constrained $H_{\infty}$ Filtering for Stochastic Parameter Systems Over Sensor Networks With Successive Missing Measurements. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 1007-1017	10.2	86
360	Distributed quantized multi-modal $H_{\infty}$ fusion filtering for two-time-scale systems. <i>Information Sciences</i> , <b>2018</b> , 432, 572-583	7.7	12
359	Quantised polynomial filtering for nonlinear systems with missing measurements. <i>International Journal of Control</i> , <b>2018</b> , 91, 2250-2260	1.5	8
358	Sampled-data consensus of nonlinear multiagent systems subject to cyber attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 53-67	3.6	63
357	Event-Triggered Strategy Design for Discrete-Time Nonlinear Quadratic Games With Disturbance Compensations: The Noncooperative Case. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1885-1896	7.3	66
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354	State estimation under false data injection attacks: Security analysis and system protection. <i>Automatica</i> , <b>2018</b> , 87, 176-183	5.7	172
353	Machine Learning with Applications in Breast Cancer Diagnosis and Prognosis. <i>Designs</i> , <b>2018</b> , 2, 13	1.8	59
352	Recursive Filtering for Time-Varying Systems With Random Access Protocol. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 1-1	5.9	18
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350	Preface to the special issue on event-based analysis and synthesis for general systems. <i>International Journal of General Systems</i> , <b>2018</b> , 47, 395-400	2.1	16

349	Joint state and fault estimation for time-varying nonlinear systems with randomly occurring faults and sensor saturations. <i>Automatica</i> , <b>2018</b> , 97, 150-160	5.7	141
348	State estimation for delayed neural networks with stochastic communication protocol: The finite-time case. <i>Neurocomputing</i> , <b>2018</b> , 281, 86-95	5.4	28
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343	Protocol-based state estimation for delayed Markovian jumping neural networks. <i>Neural Networks</i> , <b>2018</b> , 108, 355-364	9.1	17
342	UKF-based remote state estimation for discrete artificial neural networks with communication bandwidth constraints. <i>Neural Networks</i> , <b>2018</b> , 108, 393-398	9.1	8
341	State estimation and fault reconstruction with integral measurements under partially decoupled disturbances. <i>IET Control Theory and Applications</i> , <b>2018</b> , 12, 1520-1526	2.5	24
340	Robust $\mathcal{H}_{\infty}$ Filtering for a Class of Two-Dimensional Uncertain Fuzzy Systems With Randomly Occurring Mixed Delays. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 70-83	8.3	89
339	Distributed Event-Based Set-Membership Filtering for a Class of Nonlinear Systems With Sensor Saturations Over Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3772-3783	10.2	123
338	Event-triggered filtering and fault estimation for nonlinear systems with stochastic sensor saturations. <i>International Journal of Control</i> , <b>2017</b> , 90, 1052-1062	1.5	20
337	Distributed recursive filtering for stochastic systems under uniform quantizations and deception attacks through sensor networks. <i>Automatica</i> , <b>2017</b> , 78, 231-240	5.7	271
336	Variance-Constrained Distributed Filtering for Time-Varying Systems With Multiplicative Noises and Deception Attacks Over Sensor Networks. <i>IEEE Sensors Journal</i> , <b>2017</b> , 17, 2279-2288	4	99
335	H state estimation for discrete-time neural networks with distributed delays and randomly occurring uncertainties through Fading channels. <i>Neural Networks</i> , <b>2017</b> , 89, 61-73	9.1	30
334	A note on guaranteed cost control for nonlinear stochastic systems with input saturation and mixed time-delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 4443-4456	3.6	61
333	Tobit Kalman filter with fading measurements. <i>Signal Processing</i> , <b>2017</b> , 140, 60-68	4.4	39
332	Ultimate Boundedness Control for Networked Systems With Try-Once-Discard Protocol and Uniform Quantization Effects. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 6582-6588	5.9	86

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329	Quantized/Saturated Control for Sampled-Data Systems Under Noisy Sampling Intervals: A Confluent Vandermonde Matrix Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4753-4759	5.9	72
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327	On $H_{\infty}$ Finite-Horizon Filtering Under Stochastic Protocol: Dealing With High-Rate Communication Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4884-4890	5.9	54
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324	A Resilient Approach to Distributed Filter Design for Time-Varying Systems Under Stochastic Nonlinearities and Sensor Degradation. <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 1300-1309	4.8	77
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322	Distributed sampled-data containment control of linear multi-agent systems with fixed topology. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2299-2306	2.5	11
321	An Adaptive Memetic Algorithm With Rank-Based Mutation for Artificial Neural Network Architecture Optimization. <i>IEEE Access</i> , <b>2017</b> , 5, 18895-18908	3.5	17
320	Fault Diagnosis and Application to Modern Systems. <i>Journal of Control Science and Engineering</i> , <b>2017</b> , 2017, 1-3	1.2	2
319	Tobit Kalman Filter With Time-Correlated Multiplicative Sensor Noises Under Redundant Channel Transmission. <i>IEEE Sensors Journal</i> , <b>2017</b> , 17, 8367-8377	4	40
318	Distributed optimization for multiagent systems over general strongly connected digraph <b>2017</b> ,		1
317	Output-feedback H <sub>2</sub> /H <sub>∞</sub> consensus control for stochastic time-varying multi-agent systems with (x,u,v)-dependent noises. <i>Systems and Control Letters</i> , <b>2017</b> , 107, 58-67	2.4	17
316	Consensus control of stochastic multi-agent systems: a survey. <i>Science China Information Sciences</i> , <b>2017</b> , 60, 1	3.4	108
315	Fault-Tolerant Control for an Internet-Based Three-Tank System: Accommodation to Sensor Bias Faults. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 2266-2275	8.9	52
314	Security-guaranteed filtering for discrete-time stochastic delayed systems with randomly occurring sensor saturations and deception attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 1194-1208	3.6	66

313	Event-Based $H_{\infty}$ State Estimation for Time-Varying Stochastic Dynamical Networks With State- and Disturbance-Dependent Noises. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 2382-2394	10.3	42
312	Event-Triggered Mean-Square Consensus Control for Time-Varying Stochastic Multi-Agent System With Sensor Saturations. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3524-3531	5.9	136
311	A class of observer-based fault diagnosis schemes under closed-loop control: performance evaluation and improvement. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 135-141	2.5	19
310	PD-type $H_{\infty}$ consensus control for discrete-time stochastic multi-agent systems <b>2017</b> ,		1
309	Recent advances on state estimation for power grids with unconventional measurements. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 3221-3232	2.5	14
308	$H_{\infty}$ state estimation for discrete time-delayed stochastic genetic regulatory networks with known sojourn probabilities <b>2017</b> ,		1
307	A sampled-data approach to distributed $H_{\infty}$ resilient state estimation for a class of nonlinear time-delay systems over sensor networks. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 7139-7157	4	37
306	Almost sure state estimation with $H_2$ -type performance constraints for nonlinear hybrid stochastic systems. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2016</b> , 19, 26-37	4.5	3
305	Nonfragile $H_{\infty}$ Fuzzy Filtering With Randomly Occurring Gain Variations and Channel Fadings. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 505-518	8.3	77
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302	Delay-distribution-dependent $H$ state estimation for delayed neural networks with $(x,v)$ -dependent noises and fading channels. <i>Neural Networks</i> , <b>2016</b> , 84, 102-112	9.1	20
301	Security analysis of stochastic networked control systems under false data injection attacks <b>2016</b> ,		2
300	Inferring nonlinear lateral flow immunoassay state-space models via an unscented Kalman filter. <i>Science China Information Sciences</i> , <b>2016</b> , 59, 1	3.4	73
299	Consensus control for nonlinear multi-agent systems subject to deception attacks <b>2016</b> ,		11
298	Event-triggered resilient filtering with missing measurements <b>2016</b> ,		3
297	Particle filtering with applications in networked systems: a survey. <i>Complex &amp; Intelligent Systems</i> , <b>2016</b> , 2, 293-315	7.1	17
296	Variance-constrained state estimation for networked multi-rate systems with measurement quantization and probabilistic sensor failures. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 3507-3523	3.6	55

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294	Distributed fault estimation with randomly occurring uncertainties over sensor networks. <i>International Journal of General Systems</i> , <b>2016</b> , 45, 662-674	2.1	25
293	On H-infinity Estimation of Randomly Occurring Faults for A Class of Nonlinear Time-Varying Systems With Fading Channels. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 479-484	5.9	137
292	Estimation, filtering and fusion for networked systems with network-induced phenomena: New progress and prospects. <i>Information Fusion</i> , <b>2016</b> , 31, 65-75	16.7	103
291	Stabilization for sampled-data systems under noisy sampling interval. <i>Automatica</i> , <b>2016</b> , 63, 162-166	5.7	73
290	Design of non-fragile state estimators for discrete time-delayed neural networks with parameter uncertainties. <i>Neurocomputing</i> , <b>2016</b> , 182, 18-24	5.4	84
289	Distributed Filtering for Fuzzy Time-Delay Systems With Packet Dropouts and Redundant Channels. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 559-572	7.3	134
288	A new approach to non-fragile state estimation for continuous neural networks with time-delays. <i>Neurocomputing</i> , <b>2016</b> , 197, 205-211	5.4	76
287	On general systems with randomly occurring incomplete information. <i>International Journal of General Systems</i> , <b>2016</b> , 45, 479-485	2.1	1
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285	State estimation for a class of artificial neural networks with stochastically corrupted measurements under Round-Robin protocol. <i>Neural Networks</i> , <b>2016</b> , 77, 70-79	9.1	62
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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> , <b>2016</b> , 24, 2150-2157	4.8	50
282	Non-fragile state estimation for discrete Markovian jumping neural networks. <i>Neurocomputing</i> , <b>2016</b> , 179, 238-245	5.4	99
281	Distributed H <sub>2</sub> state estimation for stochastic delayed 2-D systems with randomly varying nonlinearities over saturated sensor networks. <i>Information Sciences</i> , <b>2016</b> , 370-371, 708-724	7.7	25
280	A variance-constrained approach to recursive state estimation for time-varying complex networks with missing measurements. <i>Automatica</i> , <b>2016</b> , 64, 155-162	5.7	305
279	Almost sure H <sub>2</sub> sliding mode control for nonlinear stochastic systems with Markovian switching and time-delays. <i>Neurocomputing</i> , <b>2016</b> , 175, 392-400	5.4	32
278	Distributed parameter estimation in unreliable sensor networks via broadcast gossip algorithms. <i>Neural Networks</i> , <b>2016</b> , 73, 1-9	9.1	7

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275	Distributed Filtering for Switched Nonlinear Positive Systems With Missing Measurements Over Sensor Networks. <i>IEEE Sensors Journal</i> , <b>2016</b> , 16, 4940-4948	4	53
274	Fault detection filter design for networked multi-rate systems with fading measurements and randomly occurring faults. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 573-581	2.5	35
273	A Novel Switching Delayed PSO Algorithm for Estimating Unknown Parameters of Lateral Flow Immunoassay. <i>Cognitive Computation</i> , <b>2016</b> , 8, 143-152	4.4	103
272	Deep Belief Networks for Quantitative Analysis of a Gold Immunochromatographic Strip. <i>Cognitive Computation</i> , <b>2016</b> , 8, 684-692	4.4	135
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270	state estimation for discrete-time memristive recurrent neural networks with stochastic time-delays. <i>International Journal of General Systems</i> , <b>2016</b> , 45, 633-647	2.1	43
269	Recent advances on filtering and control for cyber-physical systems under security and resource constraints. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 2451-2466	4	77
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267	Event-based security control for discrete-time stochastic systems. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1808-1815	2.5	142
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265	Filtering and fault detection for nonlinear systems with polynomial approximation. <i>Automatica</i> , <b>2015</b> , 54, 348-359	5.7	45
264	Robust reliable . <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 2280-2296	4	3
263	Event-Based Distributed Filtering With Stochastic Measurement Fading. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 1643-1652	11.9	56
262	Envelope-constrained H <sub>∞</sub> filtering with fading measurements and randomly occurring nonlinearities: The finite horizon case. <i>Automatica</i> , <b>2015</b> , 55, 37-45	5.7	141
261	On general systems with network-enhanced complexities. <i>International Journal of General Systems</i> , <b>2015</b> , 44, 123-128	2.1	
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257	Event-triggered distributed $H_{\infty}$ state estimation with packet dropouts through sensor networks. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 1948-1955	2.5	102
256	Finite-Horizon $H_{\infty}$ Control for Discrete Time-Varying Systems With Randomly Occurring Nonlinearities and Fading Measurements. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2488-2493	5.9	138
255	A Constrained Optimization Approach to Dynamic State Estimation for Power Systems Including PMU and Missing Measurements. <i>IEEE Transactions on Control Systems Technology</i> , <b>2015</b> , 1-1	4.8	40
254	State estimation for a class of nonlinear discrete-time complex networks subject to false data injection attacks <b>2015</b> ,		2
253	state estimation with fading measurements, randomly varying nonlinearities and probabilistic distributed delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2180-2195	3.6	85
252	Nonlinear Stochastic Systems with Network-Induced Phenomena <b>2015</b> ,		4
251	. <i>Neurocomputing</i> , <b>2015</b> , 148, 388-396	5.4	42
250	Feedback Stabilization of Networked Systems over Fading Channels with Resource Allocation. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 363-367	0.7	3
249	Finite-Horizon Distributed $H_{\infty}$ Fault Estimation for Time-Varying Systems in Sensor Networks: A Krein-Space Approach. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 48-53	0.7	3
248	Event-based filtering with individual triggering thresholds in wireless sensor network: Distributed detectability analysis <b>2015</b> ,		3
247	Event-based state estimation for a class of nonlinear discrete-time complex networks with stochastic noises <b>2015</b> ,		1
246	$H_{\infty}$ Fault estimation with randomly occurring uncertainties, quantization effects and successive packet dropouts: The finite-horizon case. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2671-2686	3.6	21
245	<b>2015</b> ,		2
244	A Survey on Multisensor Fusion and Consensus Filtering for Sensor Networks. <i>Discrete Dynamics in Nature and Society</i> , <b>2015</b> , 2015, 1-12	1.1	51
243	Networked Systems with Incomplete Information. <i>Abstract and Applied Analysis</i> , <b>2015</b> , 2015, 1-4	0.7	
242	Filtering and Control for Unreliable Communication <b>2015</b> . <i>Discrete Dynamics in Nature and Society</i> , <b>2015</b> , 2015, 1-3	1.1	

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238	Non-fragile $H_{\infty}$ control with randomly occurring gain variations, distributed delays and channel fading. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 222-231	2.5	28
237	Event-Based $H_{\infty}$ Consensus Control of Multi-Agent Systems With Relative Output Feedback: The Finite-Horizon Case. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2553-2558	5.9	85
236	Event-triggered distributed state estimation with randomly occurring uncertainties and nonlinearities over sensor networks: A delay-fractioning approach. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 3750-3763	4	57
235	Reliable $H_{\infty}$ filtering for stochastic spatial-temporal systems with sensor saturations and failures. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 2590-2597	2.5	10
234	Sliding Mode Control with Time-Varying Delays and Randomly Occurring Nonlinearities <b>2015</b> , 143-177		
233	$(H_{\infty})$ Sliding Mode Observer Design for Nonlinear Time Delay Systems <b>2015</b> , 119-142		1
232	Recursive Filtering with Missing Measurements and Quantized Effects <b>2015</b> , 23-61		
231	Optimal filtering for networked systems with stochastic sensor gain degradation. <i>Automatica</i> , <b>2014</b> , 50, 1521-1525	5.7	37
230	A survey of event-based strategies on control and estimation. <i>Systems Science and Control Engineering</i> , <b>2014</b> , 2, 90-97	2	130
229	Sliding mode control for uncertain discrete-time systems with Markovian jumping parameters and mixed delays. <i>Journal of the Franklin Institute</i> , <b>2014</b> , 351, 2185-2202	4	40
228	A Survey on Distributed Filtering and Fault Detection for Sensor Networks. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-7	1.1	23
227	Nonlinear Analysis of Dynamical Complex Networks 2014. <i>Abstract and Applied Analysis</i> , <b>2014</b> , 2014, 1-4	0.7	1
226	Analysis and control with randomly occurring incomplete information. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1333-1336	2.3	4
225	Filtering and Control for Unreliable Communication: The Discrete-Time Case. <i>Discrete Dynamics in Nature and Society</i> , <b>2014</b> , 2014, 1-3	1.1	
224	Distributed fault detection for a class of second-order multi-agent systems: an optimal robust observer approach. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1032-1044	2.5	52

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222	Decomposition approach to exponential synchronisation for a class of non-linear singularly perturbed complex networks. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1639-1647	2.5	22
221	Event-based filtering for discrete time-varying systems <b>2014</b> ,		1
220	Event-triggered H <sub>∞</sub> filtering for networked systems with fading channels <b>2014</b> ,		2
219	Fuzzy Filtering With Randomly Occurring Parameter Uncertainties, Interval Delays, and Channel Fadings. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 406-17	10.2	49
218	Recent advances on distributed filtering for stochastic systems over sensor networks. <i>International Journal of General Systems</i> , <b>2014</b> , 43, 372-386	2.1	51
217	Event-triggered fault estimation for nonlinear systems with missing measurements <b>2014</b> ,		4
216	A fault detection scheme for linear discrete-time systems with an integrated online performance evaluation. <i>International Journal of Control</i> , <b>2014</b> , 87, 2511-2521	1.5	23
215	Finite-horizon estimation of randomly occurring faults for a class of nonlinear time-varying systems. <i>Automatica</i> , <b>2014</b> , 50, 3182-3189	5.7	134
214	Dynamic output feedback control for discrete-time stochastic nonlinear systems with adversaries <b>2014</b> ,		1
213	Event-triggered consensus control for a class of discrete-time stochastic multi-agent systems <b>2014</b> ,		7
212	A Survey on Gain-Scheduled Control and Filtering for Parameter-Varying Systems. <i>Discrete Dynamics in Nature and Society</i> , <b>2014</b> , 2014, 1-10	1.1	8
211	Distributed estimation and control for general systems. <i>International Journal of General Systems</i> , <b>2014</b> , 43, 247-253	2.1	5
210	Event-triggered state estimation for a class of nonlinear stochastic systems with mixed time delays <b>2014</b> ,		2
209	State estimation for two-dimensional complex networks with randomly occurring nonlinearities and randomly varying sensor delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 18-38	3.6	70
208	Distributed filtering in sensor networks with randomly occurring saturations and successive packet dropouts. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 1743-1759	3.6	73
207	Fuzzy Control With Randomly Occurring Infinite Distributed Delays and Channel Fadings. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 189-200	8.3	49
206	Robust state estimation for two-dimensional stochastic time-delay systems with missing measurements and sensor saturation. <i>Multidimensional Systems and Signal Processing</i> , <b>2014</b> , 25, 157-177	1.8	31

205	Networked Strong Tracking Filtering with Multiple Packet Dropouts: Algorithms and Applications. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 1454-1463	8.9	89
204	Probability-dependent gain-scheduled control for discrete stochastic delayed systems with randomly occurring nonlinearities. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 815-826	3.6	45
203	State-saturated H <sub>∞</sub> filtering with randomly occurring nonlinearities and packet dropouts: the finite-horizon case. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 1803-1821	3.6	24
202	H <sub>∞</sub> consensus control for multi-agent systems with missing measurements: The finite-horizon case. <i>Systems and Control Letters</i> , <b>2013</b> , 62, 827-836	2.4	98
201	A novel neural network approach to cDNA microarray image segmentation. <i>Computer Methods and Programs in Biomedicine</i> , <b>2013</b> , 111, 189-98	6.9	16
200	H <sub>∞</sub> state estimation for complex networks with uncertain inner coupling and incomplete measurements. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 2027-37	10.3	187
199	Nonlinear Stochastic Systems with Incomplete Information <b>2013</b> ,		10
198	Analysis on passivity and passification of T-S fuzzy systems with time-varying delays. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2013</b> , 24, 21-30	1.6	19
197	Recursive filtering with random parameter matrices, multiple fading measurements and correlated noises. <i>Automatica</i> , <b>2013</b> , 49, 3440-3448	5.7	136
196	State estimation for discrete-time delayed neural networks with fractional uncertainties and sensor saturations. <i>Neurocomputing</i> , <b>2013</b> , 117, 64-71	5.4	29
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193	Finite-Horizon H <sub>∞</sub> Fault Estimation for Uncertain Linear Discrete Time-Varying Systems With Known Inputs. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2013</b> , 60, 902-906	3.5	39
192	Finite-Horizon H <sub>∞</sub> Filtering With Missing Measurements and Quantization Effects. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 1707-1718	5.9	180
191	Consensus control for a class of second-order multi-agent systems: An iterative learning approach <b>2013</b> ,		3
190	Distributed weighted robust Kalman filter fusion for uncertain systems with autocorrelated and cross-correlated noises. <i>Information Fusion</i> , <b>2013</b> , 14, 78-86	16.7	122
189	On modeling and state estimation for genetic regulatory networks with polytopic uncertainties. <i>IEEE Transactions on Nanobioscience</i> , <b>2013</b> , 12, 13-20	3.4	22
188	Dissipative control for state-saturated discrete time-varying systems with randomly occurring nonlinearities and missing measurements. <i>International Journal of Control</i> , <b>2013</b> , 86, 674-688	1.5	44

187	Gain-Constrained Recursive Filtering With Stochastic Nonlinearities and Probabilistic Sensor Delays. <i>IEEE Transactions on Signal Processing</i> , <b>2013</b> , 61, 1230-1238	4.8	115
186	Synchronization of Coupled Neutral-Type Neural Networks With Jumping-Mode-Dependent Discrete and Unbounded Distributed Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 102-114	10.2	150
185	Recent Advances on Recursive Filtering and Sliding Mode Design for Networked Nonlinear Stochastic Systems: A Survey. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-12	1.1	24
184	Variance-Constrained Multiobjective Control and Filtering for Nonlinear Stochastic Systems: A Survey. <i>Abstract and Applied Analysis</i> , <b>2013</b> , 2013, 1-13	0.7	2
183	Mathematical Control of Complex Systems. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-4	1.1	
182	Quantized H <sub>∞</sub> Control for Time-Delay Systems with Missing Measurements <b>2013</b> , 15-48		1
181	Robust stabilisation for a class of stochastic two-dimensional non-linear systems with time-varying delays. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1699-1710	2.5	24
180	State estimation for networked systems with randomly occurring quantisations. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1253-1263	2.3	14
179	Probability-constrained analysis, filtering and control. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1189-1192	2.3	0
178	Distributed H <sub>∞</sub> Consensus Filtering in Sensor Networks <b>2013</b> , 119-138		1
177	H <sub>∞</sub> Filtering with randomly occurring sensor saturations and missing measurements. <i>Automatica</i> , <b>2012</b> , 48, 556-562	5.7	201
176	On design of quantized fault detection filters with randomly occurring nonlinearities and mixed time-delays. <i>Signal Processing</i> , <b>2012</b> , 92, 1117-1125	4.4	53
175	Fuzzy-model-based robust fault detection with stochastic mixed time delays and successive packet dropouts. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2012</b> , 42, 365-76		204
174	Leakage Fault Diagnosis for an Internet-Based Three-Tank System: An Experimental Study. <i>IEEE Transactions on Control Systems Technology</i> , <b>2012</b> , 20, 857-870	4.8	56
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171	Extended Kalman filtering with stochastic nonlinearities and multiple missing measurements. <i>Automatica</i> , <b>2012</b> , 48, 2007-2015	5.7	235
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166	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2012</b> , 59, 2354-2362	3.9	185
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164	Distributed state estimation with stochastic parameters and nonlinearities through sensor networks: The finite-horizon case. <i>Automatica</i> , <b>2012</b> , 48, 1575-1585	5.7	169
163	Distributed Filtering for a Class of Time-Varying Systems Over Sensor Networks With Quantization Errors and Successive Packet Dropouts. <i>IEEE Transactions on Signal Processing</i> , <b>2012</b> , 60, 3164-3173	4.8	185
162	Distributed state estimation for uncertain Markov-type sensor networks with mode-dependent distributed delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 331-346	3.6	47
161	Error-constrained finite-horizon tracking control with incomplete measurements and bounded noises. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 223-238	3.6	12
160	Corrigendum to Error-constrained finite-horizon tracking control with incomplete measurements and bounded noises [International Journal of Robust and Nonlinear Control, 2012; 22(2): 223-238]. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 239-240	3.6	
159	Robust $H_{\infty}$ sliding mode control for nonlinear stochastic systems with multiple data packet losses. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 473-491	3.6	35
158	$H_{\infty}$ sliding mode observer design for a class of nonlinear discrete time-delay systems: A delay-fractioning approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 1806-1826	3.6	52
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140	Recursive Robust Filtering with Finite-Step Correlated Process Noises and Missing Measurements. <i>Circuits, Systems, and Signal Processing</i> , <b>2011</b> , 30, 1355-1368	2.2	21
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123	Global synchronization for discrete-time stochastic complex networks with randomly occurred nonlinearities and mixed time delays. <i>IEEE Transactions on Neural Networks</i> , <b>2010</b> , 21, 11-25		423
122	On passivity and passification of stochastic fuzzy systems with delays: the discrete-time case. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 964-9		67
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102	Global synchronization for delayed complex networks with randomly occurring nonlinearities and multiple stochastic disturbances. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2009</b> , 42, 135101	2	74
101	Mobile robot localization using robust extended H <sub>∞</sub> filtering. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2009</b> , 223, 1067-1080	1	15
100	Analysis and synchronization of complex networks. <i>International Journal of Systems Science</i> , <b>2009</b> , 40, 905-907	2.3	11
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98	State estimation for Markov-type genetic regulatory networks with delays and uncertain mode transition rates. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 4328-4337	2.3	104

97	On Global Stability of Delayed BAM Stochastic Neural Networks with Markovian Switching. <i>Neural Processing Letters</i> , <b>2009</b> , 30, 19-35	2.4	15
96	State estimation for jumping recurrent neural networks with discrete and distributed delays. <i>Neural Networks</i> , <b>2009</b> , 22, 41-8	9.1	208
95	Asymptotic stability for neural networks with mixed time-delays: the discrete-time case. <i>Neural Networks</i> , <b>2009</b> , 22, 67-74	9.1	118
94	Global asymptotic stability of uncertain stochastic bi-directional associative memory networks with discrete and distributed delays. <i>Mathematics and Computers in Simulation</i> , <b>2009</b> , 80, 490-505	3.3	15
93	filtering for systems with repeated scalar nonlinearities under unreliable communication links. <i>Signal Processing</i> , <b>2009</b> , 89, 1567-1575	4.4	29
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90	. <i>Automatica</i> , <b>2009</b> , 45, 1032-1037	5.7	135
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88	Observer-based networked control for continuous-time systems with random sensor delays. <i>Automatica</i> , <b>2009</b> , 45, 578-584	5.7	171
87	Robust filtering with stochastic nonlinearities and multiple missing measurements. <i>Automatica</i> , <b>2009</b> , 45, 836-841	5.7	195
86	Reliable $H_{\infty}$ control for discrete-time piecewise linear systems with infinite distributed delays. <i>Automatica</i> , <b>2009</b> , 45, 2991-2994	5.7	99
85	Robust $H_{\infty}$ control for uncertain discrete-time systems with probabilistic state delays. <i>Asian Journal of Control</i> , <b>2009</b> , 11, 503-516	1.7	9
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83	Guaranteed cost control of switched systems with neutral delay via dynamic output feedback. <i>International Journal of Systems Science</i> , <b>2009</b> , 40, 717-728	2.3	54
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72	On synchronization of coupled neural networks with discrete and unbounded distributed delays. <i>International Journal of Computer Mathematics</i> , <b>2008</b> , 85, 1299-1313	1.2	30
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70	Synchronization and state estimation for discrete-time complex networks with distributed delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 1314-25		359
69	Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 2448-2457	5.9	114
68	Networked fault detection with random communication delays and packet losses. <i>International Journal of Systems Science</i> , <b>2008</b> , 39, 1045-1054	2.3	39
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57	Network-based fault detection for discrete-time state-delay systems: A new measurement model. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2008</b> , 22, 510-528	2.8	52
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54	Global stability of stochastic high-order neural networks with discrete and distributed delays. <i>Chaos, Solitons and Fractals</i> , <b>2008</b> , 36, 388-396	9.3	99
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30	Robust H <sub>2</sub> /H <sub>∞</sub> filtering for Uncertain Systems with Missing Measurement <b>2006</b> ,		2
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