Zidong Wang

List of Publications by Year
in descending order

556 papers	**41,127** citations	997 **114** h-index
571 all docs	**571** docs citations	**571** times ranked

3650 **180** g-index

11850 citing authors

#	Article	IF	Citations
1	Event-Triggered Cost-Guaranteed Control for Linear Repetitive Processes Under Probabilistic Constraints. IEEE Transactions on Automatic Control, 2023, 68, 424-431.	5.7	9
2	Distributed Filtering Under Constrained Bit Rate Over Wireless Sensor Networks: Dealing With Bit Rate Allocation Protocol. IEEE Transactions on Automatic Control, 2023, 68, 1642-1654.	5.7	9
3	Remote Estimation for Energy Harvesting Systems Under Multiplicative Noises: A Binary Encoding Scheme With Probabilistic Bit Flips. IEEE Transactions on Automatic Control, 2023, 68, 343-354.	5.7	9
4	Resilient Unscented Kalman Filtering Fusion With Dynamic Event-Triggered Scheme: Applications to Multiple Unmanned Aerial Vehicles. IEEE Transactions on Control Systems Technology, 2023, 31, 370-381.	5.2	13
5	Finite-Horizon H_{∞} Filtering via a High-Rate Network With the FlexRay Protocol. IEEE Transactions on Automatic Control, 2023, 68, 3596-3603.	5.7	7
6	Resilient H_{∞} State Estimation for Discrete-Time Stochastic Delayed Memristive Neural Networks: A Dynamic Event-Triggered Mechanism. IEEE Transactions on Cybernetics, 2022, 52, 3333-3341.	9.5	20
7	On Adaptive Learning Framework for Deep Weighted Sparse Autoencoder: A Multiobjective Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2022, 52, 3221-3231.	9.5	19
8	Model Evaluation of the Stochastic Boolean Control Networks. IEEE Transactions on Automatic Control, 2022, 67, 4146-4153.	5.7	8
9	Local Stabilization for Multiple Input-Delay Systems Subject to Saturating Actuators: The Continuous-Time Case. IEEE Transactions on Automatic Control, 2022, 67, 3090-3097.	5.7	7
10	Consensus Control of Linear Multiagent Systems Under Actuator Imperfection: When Saturation Meets Fault. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2651-2663.	9.3	28
11	Ultimately Bounded Filtering Subject to Impulsive Measurement Outliers. IEEE Transactions on Automatic Control, 2022, 67, 304-319.	5.7	72
12	Recursive Set-Membership State Estimation Over a FlexRay Network. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3591-3601.	9.3	35
13	Necessary and Sufficient Conditions for Fault Diagnosability of Linear Open- and Closed-Loop Stochastic Systems Under Sensor and Actuator Faults. IEEE Transactions on Automatic Control, 2022, 67, 4178-4185.	5.7	15
14	On State Estimation for Discrete Time-Delayed Memristive Neural Networks Under the WTOD Protocol: A Resilient Set-Membership Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2145-2155.	9.3	14
15	Fault-Tolerant Consensus Control for Multiagent Systems: An Encryption-Decryption Scheme. IEEE Transactions on Automatic Control, 2022, 67, 2560-2567.	5.7	48
16	Data-Driven Dynamical Control for Bottom-up Energy Internet System. IEEE Transactions on Sustainable Energy, 2022, 13, 315-327.	8.8	79
17	An improved generative adversarial network with modified loss function for crack detection in electromagnetic nondestructive testing. Complex & Intelligent Systems, 2022, 8, 467-476.	6.5	9
18	H_{∞} PID Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delays Under Round-Robin Communication Protocol. IEEE Transactions on Fuzzy Systems, 2022, 30, 1875-1888.	9.8	16

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19	Distributed Recursive Filtering Over Sensor Networks With Nonlogarithmic Sensor Resolution. IEEE Transactions on Automatic Control, 2022, 67, 5408-5415.	5.7	13
20	Outlier-Resistant Observer-Based Control for a Class of Networked Systems Under Encodingâ€"Decoding Mechanism. IEEE Systems Journal, 2022, 16, 922-932.	4.6	5
21	Secure Particle Filtering for Cyber-Physical Systems With Binary Sensors Under Multiple Attacks. IEEE Systems Journal, 2022, 16, 603-613.	4.6	5
22	Locally Minimum-Variance Filtering of 2-D Systems Over Sensor Networks With Measurement Degradations: A Distributed Recursive Algorithm. IEEE Transactions on Cybernetics, 2022, 52, 996-1008.	9.5	3
23	Position-Transitional Particle Swarm Optimization-Incorporated Latent Factor Analysis. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3958-3970.	5.7	138
24	Proportionalâ€"Integral Observer Design for Uncertain Time-Delay Systems Subject to Deception Attacks: An Outlier-Resistant Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5152-5164.	9.3	15
25	Empower parameterized generative adversarial networks using a novel particle swarm optimizer: algorithms and applications. International Journal of Machine Learning and Cybernetics, 2022, 13, 1145-1155.	3.6	4
26	State estimation for systems with unobservable packet losses: Approximate estimation, stability, and performance analysis. International Journal of Robust and Nonlinear Control, 2022, 32, 545-566.	3.7	0
27	Dynamic outputâ€feedback control for discrete timeâ€delayed systems with actuator saturations under roundâ€robin communication protocol. International Journal of Robust and Nonlinear Control, 2022, 32, 1703-1720.	3.7	6
28	A novel PID-like particle swarm optimizer: on terminal convergence analysis. Complex & Intelligent Systems, 2022, 8, 1217-1228.	6.5	3
29	Electric vehicle charging station planning with dynamic prediction of elastic charging demand: a hybrid particle swarm optimization algorithm. Complex & Intelligent Systems, 2022, 8, 1035-1046.	6.5	16
30	Dynamic eventâ€based recursive filtering for multirate systems with integral measurements over sensor networks. International Journal of Robust and Nonlinear Control, 2022, 32, 1374-1392.	3.7	7
31	Event-Triggered Set-Membership State Estimation for Complex Networks: A Zonotopes-Based Method. IEEE Transactions on Network Science and Engineering, 2022, 9, 1175-1186.	6.4	25
32	State Estimation Under Joint False Data Injection Attacks: Dealing With Constraints and Insecurity. IEEE Transactions on Automatic Control, 2022, 67, 6745-6753.	5.7	23
33	A Recursive Algorithm for Secure Filtering for Two-Dimensional State-Saturated Systems Under Network-Based Deception Attacks. IEEE Transactions on Network Science and Engineering, 2022, 9, 678-688.	6.4	11
34	Protocol-Based Fusion Estimator Design for State-Saturated Systems With Dead-Zone-Like Censoring Under Deception Attacks. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 37-48.	2.8	12
35	Minimum-Variance State and Fault Estimation for Multirate Systems With Dynamical Bias. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2361-2365.	3.0	7
36	Outlier-Resistant Filtering With Dead-Zone-Like Censoring Under Try-Once-Discard Protocol. IEEE Transactions on Signal Processing, 2022, 70, 714-728.	5.3	27

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37	Centralized moving‐horizon estimation for a class of nonlinear dynamical complex networks under event‐triggered transmission scheme. International Journal of Robust and Nonlinear Control, 2022, 32, 3872-3889.	3.7	1
38	Bounded H_{∞} Synchronization and H_{∞} Filtering for Discrete-Time Complex Networks. Studies in Systems, Decision and Control, 2022, , 191-212.	1.0	0
39	Distributed Resilient Filtering for Time-Delayed Systems with Stochastic Perturbations. Studies in Systems, Decision and Control, 2022, , 143-169.	1.0	0
40	Nonfragile Dissipative Fuzzy PID Control With Mixed Fading Measurements. IEEE Transactions on Fuzzy Systems, 2022, 30, 5019-5033.	9.8	6
41	Distributed Filtering for Complex Networks Under Multiple Event-Triggered Transmissions Within Node-Wise Communications. IEEE Transactions on Network Science and Engineering, 2022, 9, 2521-2534.	6.4	6
42	Recursive state estimation for multi‐rate time‐varying systems with multiplicative noises: Dealing with sensor resolutions. International Journal of Robust and Nonlinear Control, 2022, 32, 6110-6126.	3.7	3
43	A Local Approach to Distributed H_{∞}-Consensus State Estimation Over Sensor Networks Under Hybrid Attacks: Dynamic Event-Triggered Scheme. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 556-570.	2.8	16
44	Recursive Quadratic Filtering for Linear Discrete Non-Gaussian Systems Over Time-Correlated Fading Channels. IEEE Transactions on Signal Processing, 2022, 70, 3343-3356.	5.3	8
45	Recursive Distributed Filter Design for 2-D Systems Over Sensor Networks: On Component-Based, Node-Wise and Dynamic Event-Triggered Scheme. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 584-596.	2.8	4
46	H_{∞} fusion estimation for uncertain discrete time-delayed Hamiltonian systems with sensor saturations: An event-triggered approach. Information Fusion, 2022, 86-87, 93-103.	19.1	5
47	Nonfragile H_{∞} State Estimation for Recurrent Neural Networks With Time-Varying Delays: On Proportional–Integral Observer Design. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3553-3565.	11.3	25
48	A Dynamic Event-Triggered Approach to H_{∞} Control for Discrete-Time Singularly Perturbed Systems With Time-Delays and Sensor Saturations. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6614-6625.	9.3	31
49	A Prediction-Based Approach to Distributed Filtering With Missing Measurements and Communication Delays Through Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7063-7074.	9.3	55
50	An N-State Markovian Jumping Particle Swarm Optimization Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6626-6638.	9.3	22
51	Synchronization Control for Discrete-Time-Delayed Dynamical Networks With Switching Topology Under Actuator Saturations. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2040-2053.	11.3	38
52	Moving-Horizon Estimation for Linear Dynamic Networks With Binary Encoding Schemes. IEEE Transactions on Automatic Control, 2021, 66, 1763-1770.	5.7	53
53	A Novel Framework for Backstepping-Based Control of Discrete-Time Strict-Feedback Nonlinear Systems With Multiplicative Noises. IEEE Transactions on Automatic Control, 2021, 66, 1484-1496.	5.7	91
54	ℓ_2–ℓ_{∞} proportional–integral observer design for systems with mixed time‐delays under round‐robin protocol. International Journal of Robust and Nonlinear Control, 2021, 31, 887-906.	3.7	5

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55	Scalable consensus filtering for uncertain systems over sensor networks with Round‐Robin protocol. International Journal of Robust and Nonlinear Control, 2021, 31, 1051-1066.	3.7	10
56	Particle Filtering for Nonlinear/Non-Gaussian Systems With Energy Harvesting Sensors Subject to Randomly Occurring Sensor Saturations. IEEE Transactions on Signal Processing, 2021, 69, 15-27.	5.3	20
57	Maximum‐correntropy‐based Kalman filtering for time‐varying systems with randomly occurring uncertainties: An event‐triggered approach. International Journal of Robust and Nonlinear Control, 2021, 31, 1582-1599.	3.7	1
58	Distributed Auxiliary Particle Filtering With Diffusion Strategy for Target Tracking: A Dynamic Event-Triggered Approach. IEEE Transactions on Signal Processing, 2021, 69, 328-340.	5.3	25
59	Tobit Kalman filtering for fractional‐order systems with stochastic nonlinearities under Round‐Robin protocol. International Journal of Robust and Nonlinear Control, 2021, 31, 2348-2370.	3.7	19
60	A PSO-based deep learning approach to classifying patients from emergency departments. International Journal of Machine Learning and Cybernetics, 2021, 12, 1939-1948.	3.6	39
61	H_{∞} State Estimation for Coupled Stochastic Complex Networks With Periodical Communication Protocol and Intermittent Nonlinearity Switching. IEEE Transactions on Network Science and Engineering, 2021, 8, 1414-1425.	6.4	24
62	Communication-protocol-based analysis and synthesis of networked systems: progress, prospects and challenges. International Journal of Systems Science, 2021, 52, 3013-3034.	5.5	134
63	Partial-Nodes-Based State Estimation for Complex Networks With Constrained Bit Rate. IEEE Transactions on Network Science and Engineering, 2021, 8, 1887-1899.	6.4	24
64	Probability-Guaranteed Distributed Filtering for Nonlinear Systems With Innovation Constraints Over Sensor Networks. IEEE Transactions on Control of Network Systems, 2021, 8, 951-963.	3.7	44
65	Multi-task Pruning via Filter Index Sharing: A Many-Objective Optimization Approach. Cognitive Computation, 2021, 13, 1070-1084.	5.2	7
66	Recursive State Estimation for Stochastic Complex Networks Under Round-Robin Communication Protocol: Handling Packet Disorders. IEEE Transactions on Network Science and Engineering, 2021, 8, 2455-2468.	6.4	16
67	Robust fusion filtering over multisensor systems with energy harvesting constraints. Automatica, 2021, 131, 109782.	5.0	24
68	A New GAN-Based Approach to Data Augmentation and Image Segmentation for Crack Detection in Thermal Imaging Tests. Cognitive Computation, 2021, 13, 1263-1273.	5.2	17
69	Resilient Actuator Fault Estimation for Discrete-Time Complex Networks: A Distributed Approach. IEEE Transactions on Automatic Control, 2021, 66, 4214-4221.	5.7	30
70	Encryption‐decryption-based consensus control for multi-agent systems: Handling actuator faults. Automatica, 2021, 134, 109908.	5.0	19
71	Two approaches to partial-nodes-based state estimation for delayed complex networks with intermittent measurement transmissions. Information Fusion, 2021, 76, 315-322.	19.1	3
72	Probability-Guaranteed Distributed Secure Estimation for Nonlinear Systems Over Sensor Networks Under Deception Attacks on Innovations. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 465-477.	2.8	17

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73	Protocol-Based Tobit Kalman Filter Under Integral Measurements and Probabilistic Sensor Failures. IEEE Transactions on Signal Processing, 2021, 69, 546-559.	5.3	26
74	State-of-charge estimation for Li-ion batteries with uncertain parameters and uncorrelated/correlated noises: a recursive approach. International Journal of Systems Science, 2021, 52, 1675-1691.	5.5	9
75	Federated Tobit Kalman Filtering Fusion With Dead-Zone-Like Censoring and Dynamical Bias Under the Round-Robin Protocol. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 1-16.	2.8	19
76	50 Years of international journal of systems science: a review of the past and trends for the future. International Journal of Systems Science, 2021, 52, 1515-1538.	5.5	21
77	Recursive Filtering With Measurement Fading: A Multiple Description Coding Scheme. IEEE Transactions on Automatic Control, 2021, 66, 5144-5159.	5.7	57
78	Multi-Sensor Filtering Fusion With Parametric Uncertainties and Measurement Censoring: Monotonicity and Boundedness. IEEE Transactions on Signal Processing, 2021, 69, 5875-5890.	5.3	19
79	A Resilient Approach to Recursive Distributed Filtering for Multirate Systems Over Sensor Networks With Time-Correlated Fading Channels. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 636-647.	2.8	11
80	Delay-Distribution-Dependent H_∞ State Estimation for Discrete-Time Memristive Neural Networks With Mixed Time-Delays and Fading Measurements. IEEE Transactions on Cybernetics, 2020, 50, 440-451.	9.5	87
81	A Scalable Algorithm for Event-Triggered State Estimation With Unknown Parameters and Switching Topologies Over Sensor Networks. IEEE Transactions on Cybernetics, 2020, 50, 4087-4097.	9.5	47
82	$\mathcal{H}_{\infty}$ PID Control With Fading Measurements: The Output-Feedback Case. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2170-2180.	9.3	35
83	Finite-Horizon Distributed State Estimation Under Randomly Switching Topologies and Redundant Channels. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2938-2947.	9.3	26
84	Detection of intermittent faults for nonuniformly sampled multi-rate systems with dynamic quantisation and missing measurements. International Journal of Control, 2020, 93, 898-909.	1.9	41
85	A Collaborative-Filtering-Based Data Collection Strategy for Friedreich's Ataxia. Cognitive Computation, 2020, 12, 249-260.	5.2	6
86	A Set-Membership Approach to Event-Triggered Filtering for General Nonlinear Systems Over Sensor Networks. IEEE Transactions on Automatic Control, 2020, 65, 1792-1799.	5.7	256
87	Protocol-Based Unscented Kalman Filtering in the Presence of Stochastic Uncertainties. IEEE Transactions on Automatic Control, 2020, 65, 1303-1309.	5.7	89
88	Distributed State-Saturated Recursive Filtering Over Sensor Networks Under Round-Robin Protocol. IEEE Transactions on Cybernetics, 2020, 50, 3605-3615.	9.5	113
89	Recursive state estimation for two-dimensional shift-varying systems with random parameter perturbation and dynamical bias. Automatica, 2020, 112, 108658.	5.0	27
90	Recursive distributed filtering over sensor networks on Gilbert–Elliott channels: A dynamic event-triggered approach. Automatica, 2020, 113, 108681.	5.0	133

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91	On Boundedness of Error Covariances for Kalman Consensus Filtering Problems. IEEE Transactions on Automatic Control, 2020, 65, 2654-2661.	5.7	24
92	Scalable Distributed Filtering for a Class of Discrete-Time Complex Networks Over Time-Varying Topology. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2930-2941.	11.3	16
93	Mixed H_2/H_∞ State Estimation for Discrete-Time Switched Complex Networks With Random Coupling Strengths Through Redundant Channels. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4130-4142.	11.3	38
94	An Event-Triggering Approach to Recursive Filtering for Complex Networks With State Saturations and Random Coupling Strengths. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4279-4289.	11.3	30
95	Fault estimation for complex networks with randomly varying topologies and stochastic inner couplings. Automatica, 2020, 112, 108734.	5.0	42
96	Moving horizon estimation with multirate measurements and correlated noises. International Journal of Robust and Nonlinear Control, 2020, 30, 7429-7445.	3.7	40
97	Dynamic event-based state estimation for delayed artificial neural networks with multiplicative noises: A gain-scheduled approach. Neural Networks, 2020, 132, 211-219.	5.9	30
98	Protocol‐based extended Kalman filtering with quantization effects: The Round‐Robin case. International Journal of Robust and Nonlinear Control, 2020, 30, 7927-7946.	3.7	21
99	H_∞ and H_2 ... Neural Networks, 2020, 132, 121-130.	5.9	23
100	Set-membership filtering for time-varying complex networks with uniform quantisations over randomly delayed redundant channels. International Journal of Systems Science, 2020, 51, 3364-3377.	5.5	84
101	Observer‐based sliding mode control for state‐saturated systems under weighted try‐once‐discard protocol. International Journal of Robust and Nonlinear Control, 2020, 30, 7991-8006.	3.7	13
102	Anti-disturbance filter design for a class of stochastic systems with fading channels. Science China Information Sciences, 2020, 63, 1.	4.3	9
103	H_∞ ... estimation for multi-rate artificial neural networks with integral measurements: A switched system approach. Information Sciences, 2020, 539, 434-446.	6.9	27
104	Event-triggered recursive state estimation for dynamical networks under randomly switching topologies and multiple missing measurements. Automatica, 2020, 115, 108908.	5.0	134
105	Nonfragile H_∞ filtering for discrete multirate time‐delayed systems over sensor networks characterized by Gilbert‐Elliott models. International Journal of Robust and Nonlinear Control, 2020, 30, 3194-3214.	3.7	20
106	Dynamic self‐triggered output‐feedback control for nonlinear stochastic systems with time delays. International Journal of Robust and Nonlinear Control, 2020, 30, 3786-3800.	3.7	8
107	A Survey on Filtering Issues for Two-Dimensional Systems: Advances and Challenges. International Journal of Control, Automation and Systems, 2020, 18, 629-642.	2.7	12
108	Recursive resilient filtering for nonlinear stochastic systems with packet disorders. Journal of the Franklin Institute, 2020, 357, 4817-4833.	3.4	15

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109	Delay-distribution-dependent state estimation for neural networks under stochastic communication protocol with uncertain transition probabilities. Neural Networks, 2020, 130, 143-151.	5.9	34
110	Two-stage particle filtering for non-Gaussian state estimation with fading measurements. Automatica, 2020, 115, 108882.	5.0	24
111	Recursive distributed filtering for two-dimensional shift-varying systems over sensor networks under stochastic communication protocols. Automatica, 2020, 115, 108865.	5.0	25
112	Recursive fusion estimation for stochastic discrete time-varying complex networks under stochastic communication protocol: The state-saturated case. Information Fusion, 2020, 60, 11-19.	19.1	16
113	State Estimation for Stochastic Time-Varying Boolean Networks. IEEE Transactions on Automatic Control, 2020, 65, 5480-5487.	5.7	47
114	An overview of stability analysis and state estimation for memristive neural networks. Neurocomputing, 2020, 391, 1-12.	5.9	44
115	<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e315" altimg="si11.svg"><mml:msub><mml:mrow><mml:mi>l</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></math> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e325" altimg="si12.svg"><mml:msub><mml:mrow><mml:mi>l</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow></mml:msub> estimation for delayed artificial neural networks under high-rate communicati. Neural Networks, 2020, 124, 170-179.	5.9	18
116	<i>H</i> _∞ filtering for multi‐rate multi‐sensor systems with randomly occurring sensor saturations under the <i>p</i> ‐persistent CSMA protocol. IET Control Theory and Applications, 2020, 14, 1255-1265.	2.1	15
117	Two-stage deep regression enhanced depth estimation from a single RGB image. IEEE Transactions on Emerging Topics in Computing, 2020, , 1-1.	4.6	6
118	Event‐triggered stabilisation for switched delayed differential systems: the input‐to‐state stability. IET Control Theory and Applications, 2020, 14, 1711-1721.	2.1	4
119	Distributed State Estimation Under Random Parameters and Dynamic Quantizations Over Sensor Networks: A Dynamic Event-Based Approach. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 732-743.	2.8	16
120	Delay-distribution-dependent non-fragile state estimation for discrete-time neural networks under event-triggered mechanism. Neural Computing and Applications, 2019, 31, 7245-7256.	5.6	6
121	Exponential Synchronization for Delayed Dynamical Networks via Intermittent Control: Dealing With Actuator Saturations. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1000-1012.	11.3	92
122	State Estimation for Communication-Based Train Control Systems With CSMA Protocol. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 843-854.	8.0	17
123	Event-Based Distributed Filtering Over Markovian Switching Topologies. IEEE Transactions on Automatic Control, 2019, 64, 1595-1602.	5.7	60
124	Non-Fragile Distributed Fault Estimation for a Class of Nonlinear Time-Varying Systems Over Sensor Networks: The Finite-Horizon Case. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 61-69.	2.8	28
125	Set-Membership Filtering for State-Saturated Systems With Mixed Time-Delays Under Weighted Try-Once-Discard Protocol. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 312-316.	3.0	54
126	Robust H_{2}/H_infty Model Predictive Control for Linear Systems With Polytopic Uncertainties Under Weighted MEF-TOD Protocol. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1470-1481.	9.3	72

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127	An Improved Particle Filter With a Novel Hybrid Proposal Distribution for Quantitative Analysis of Gold Immunochromatographic Strips. IEEE Nanotechnology Magazine, 2019, 18, 819-829.	2.0	140
128	State estimation over non-acknowledgment networks with Markovian packet dropouts. Automatica, 2019, 109, 108484.	5.0	19
129	H_∞ State Estimation for Neural Networks Subject to Missing Measurements with Uncertain Missing Probabilities*. , 2019, , .		0
130	Minimum-Variance Recursive Filtering for Two-Dimensional Systems With Degraded Measurements: Boundedness and Monotonicity. IEEE Transactions on Automatic Control, 2019, 64, 4153-4166.	5.7	14
131	H_∞ finite-horizon filtering for complex networks with state saturations: The weighted try-once-discard protocol. International Journal of Robust and Nonlinear Control, 2019, 29, 2096-2111.	3.7	26
132	Variance-constrained H_∞ state estimation for time-varying multi-rate systems with redundant channels: The finite-horizon case. Information Sciences, 2019, 501, 222-235.	6.9	31
133	Active disturbance rejection control for a pneumatic motion platform subject to actuator saturation: An extended state observer approach. Automatica, 2019, 107, 353-361.	5.0	69
134	Non-fragile H_{∞} state estimation for discrete-time complex networks with randomly occurring time-varying delays and channel fadings. IMA Journal of Mathematical Control and Information, 2019, 36, 247-269.	1.7	6
135	A Survey on Model-Based Distributed Control and Filtering for Industrial Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 2483-2499.	11.3	360
136	A Partial-Nodes-Based Information fusion approach to state estimation for discrete-Time delayed stochastic complex networks. Information Fusion, 2019, 49, 240-248.	19.1	83
137	EGEP: An Event Tracker Enhanced Gene Expression Programming for Data Driven System Engineering Problems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 117-126.	4.9	8
138	Distributed filtering for nonlinear time-delay systems over sensor networks subject to multiplicative link noises and switching topology. International Journal of Robust and Nonlinear Control, 2019, 29, 2941-2959.	3.7	135
139	Local design of distributed H_∞-consensus filtering over sensor networks under multiplicative noises and deception attacks. International Journal of Robust and Nonlinear Control, 2019, 29, 2296-2314.	3.7	23
140	An information aware event-triggered scheme for particle filter based remote state estimation. Automatica, 2019, 103, 151-158.	5.0	37
141	Resilient Recursive State Estimation for Discrete Time-Varying Systems with Deception Attacks*. , 2019, , .		0
142	Prediction-based Optimal Distributed Filtering with Communication Delay over Sensor Networks. , 2019, , .		2
143	A Deep Learning Approach for Classifying Patient Attendance Disposal from Emergency Departments. , 2019, , .		1
144	$\mathscr{L}_2$-$\mathscr{L}_\infty$ PID Output-Feedback Control for Discrete Time-Delay Systems*. , 2019, , .		0

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145	Hybrid-Disturbance-Observer-Based Nonlinear Control for Characteristic Model with Applications to Bionic Pneumatic Actuator System. , 2019, , .		0
146	State estimation under non-Gaussian LÃ©vy and time-correlated additive sensor noises: A modified Tobit Kalman filtering approach. Signal Processing, 2019, 154, 120-128.	3.7	35
147	Probabilisticâ€constrained filtering for a class of nonlinear systems with improved static eventâ€triggered communication. International Journal of Robust and Nonlinear Control, 2019, 29, 1484-1498.	3.7	161
148	Un-supervised and semi-supervised hand segmentation in egocentric images with noisy label learning. Neurocomputing, 2019, 334, 11-24.	5.9	15
149	Event-Based $$H_infty $$ Consensus Control of Multi-agent Systems. Studies in Systems, Decision and Control, 2019, , 37-56.	1.0	0
150	A Novel Particle Swarm Optimization Approach for Patient Clustering From Emergency Departments. IEEE Transactions on Evolutionary Computation, 2019, 23, 632-644.	10.0	110
151	On meanâ€square $H_{â̂ž}$ control for discreteâ€time nonlinear stochastic systems with (x, u, v)â€dependent noises. International Journal of Robust and Nonlinear Control, 2019, 29, 882-893.	3.7	5
152	Stochastic Control and Filtering over Constrained Communication Networks. Studies in Systems, Decision and Control, 2019, , .	1.0	1
153	Position tracking and attitude control for quadrotors via active disturbance rejection control method. Science China Information Sciences, 2019, 62, 1.	4.3	34
154	Finiteâ€horizon fault estimation under imperfect measurements and stochastic communication protocol: Dealing with finiteâ€time boundedness. International Journal of Robust and Nonlinear Control, 2019, 29, 117-134.	3.7	36
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