Zidong Wang

List of Publications by Year
in descending order

556 papers	41,127 citations	993 114 h-index	3638 180 g-index
571 all docs	571 docs citations	571 times ranked	11850 citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of deep neural network architectures and their applications. Neurocomputing, 2017, 234, 11-26.	3.5	2,242
2	Global exponential stability of generalized recurrent neural networks with discrete and distributed delays. Neural Networks, 2006, 19, 667-675.	3.3	642
3	Global Synchronization for Discrete-Time Stochastic Complex Networks With Randomly Occurred Nonlinearities and Mixed Time Delays. IEEE Transactions on Neural Networks, 2010, 21, 11-25.	4.8	478
4	Robust H_{∞} Control for Networked Systems With Random Packet Losses. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 916-924.	5.5	470
5	Distributed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow></m filtering in sensor networks with multiple missing measurements: The finite-horizon case. Automatica, 2010, 46, 1682-1688.	3.0	465
6	Robust H/sub /spl infin// filtering for stochastic time-delay systems with missing measurements. IEEE Transactions on Signal Processing, 2006, 54, 2579-2587.	3.2	458
7	Synchronization and State Estimation for Discrete-Time Complex Networks With Distributed Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1314-1325.	5.5	444
8	Stability analysis for stochastic Cohen-Grossberg neural networks with mixed time delays. IEEE Transactions on Neural Networks, 2006, 17, 814-820.	4.8	421
9	On global asymptotic stability of neural networks with discrete and distributed delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 345, 299-308.	0.9	402
10	Exponential stability of delayed recurrent neural networks with Markovian jumping parameters. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 356, 346-352.	0.9	393
11	Robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow><mc control for a class of nonlinear discrete time-delay stochastic systems with missing measurements. Automatica, 2009, 45, 684-691.	3.0	387
12	Distributed Consensus Filtering in Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1568-1577.	5.5	383
13	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si17.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow><mc filtering for uncertain stochastic time-delay systems with sector-bounded nonlinearities. Automatica, 2008, 44, 1268-1277.	3.0	373
14	Security Control for Discrete-Time Stochastic Nonlinear Systems Subject to Deception Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 779-789.	5.9	372
15	State Estimation for Delayed Neural Networks. IEEE Transactions on Neural Networks, 2005, 16, 279-284.	4.8	367
16	A Dynamic Event-Triggered Transmission Scheme for Distributed Set-Membership Estimation Over Wireless Sensor Networks. IEEE Transactions on Cybernetics, 2019, 49, 171-183.	6.2	366
17	Distributed ${\cal H}_{\infty}$ Filtering for a Class of Markovian Jump Nonlinear Time-Delay Systems Over Lossy Sensor Networks. IEEE Transactions on Industrial Electronics, 2013, 60, 4665-4672.	5.2	360
18	A Survey on Model-Based Distributed Control and Filtering for Industrial Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 2483-2499.	7.2	360

#	ARTICLE	IF	CITATIONS
19	A variance-constrained approach to recursive state estimation for time-varying complex networks with missing measurements. Automatica, 2016, 64, 155-162.	3.0	350
20	Distributed recursive filtering for stochastic systems under uniform quantizations and deception attacks through sensor networks. Automatica, 2017, 78, 231-240.	3.0	350
21	Robust Sliding Mode Control for Discrete Stochastic Systems With Mixed Time Delays, Randomly Occurring Uncertainties, and Randomly Occurring Nonlinearities. IEEE Transactions on Industrial Electronics, 2012, 59, 3008-3015.	5.2	340
22	Stability and Synchronization of Discrete-Time Markovian Jumping Neural Networks With Mixed Mode-Dependent Time Delays. IEEE Transactions on Neural Networks, 2009, 20, 1102-1116.	4.8	324
23	Quantised recursive filtering for a class of nonlinear systems with multiplicative noises and missing measurements. International Journal of Control, 2013, 86, 650-663.	1.2	320
24	Variance-constrained filtering for uncertain stochastic systems with missing measurements. IEEE Transactions on Automatic Control, 2003, 48, 1254-1258.	3.6	304
25	Extended Kalman filtering with stochastic nonlinearities and multiple missing measurements. Automatica, 2012, 48, 2007-2015.	3.0	303
26	State estimation under false data injection attacks: Security analysis and system protection. Automatica, 2018, 87, 176-183.	3.0	300
27	Sampled-Data Synchronization Control of Dynamical Networks With Stochastic Sampling. IEEE Transactions on Automatic Control, 2012, 57, 2644-2650.	3.6	271
28	Bounded H_{infty} Synchronization and State Estimation for Discrete Time-Varying Stochastic Complex Networks Over a Finite Horizon. IEEE Transactions on Neural Networks, 2011, 22, 145-157.	4.8	268
29	Robust fault detection for networked systems with communication delay and data missing. Automatica, 2009, 45, 2634-2639.	3.0	265
30	Robust H_{infty} Filtering for a Class of Nonlinear Networked Systems With Multiple Stochastic Communication Delays and Packet Dropouts. IEEE Transactions on Signal Processing, 2010, 58, 1957-1966.	3.2	264
31	A Set-Membership Approach to Event-Triggered Filtering for General Nonlinear Systems Over Sensor Networks. IEEE Transactions on Automatic Control, 2020, 65, 1792-1799.	3.6	256
32	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></m filtering with randomly occurring sensor saturations and missing measurements. Automatica, 2012, 48, 556-562.	3.0	255
33	Robust filtering with stochastic nonlinearities and multiple missing measurements. Automatica, 2009, 45, 836-841.	3.0	243
34	Robust ${{cal H}}_{infty}$ Filtering for Markovian Jump Systems With Randomly Occurring Nonlinearities and Sensor Saturation: The Finite-Horizon Case. IEEE Transactions on Signal Processing, 2011, 59, 3048-3057.	3.2	240
35	Fuzzy-Model-Based Robust Fault Detection With Stochastic Mixed Time Delays and Successive Packet Dropouts. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 365-376.	5.5	240
36	A new switching-delayed-PSO-based optimized SVM algorithm for diagnosis of Alzheimerâ€™s disease. Neurocomputing, 2018, 320, 195-202.	3.5	237

#	ARTICLE	IF	CITATIONS
37	Event-Based Recursive Distributed Filtering Over Wireless Sensor Networks. IEEE Transactions on Automatic Control, 2015, 60, 2470-2475.	3.6	234
38	Observer-based networked control for continuous-time systems with random sensor delays. Automatica, 2009, 45, 578-584.	3.0	231
39	Quantized H_{∞} Control for Nonlinear Stochastic Time-Delay Systems With Missing Measurements. IEEE Transactions on Automatic Control, 2012, 57, 1431-1444.	3.6	231
40	State estimation for jumping recurrent neural networks with discrete and distributed delays. Neural Networks, 2009, 22, 41-48.	3.3	230
41	Fault Detection for Markovian Jump Systems With Sensor Saturations and Randomly Varying Nonlinearities. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 2354-2362.	3.5	226
42	Robust Kalman filtering for discrete time-varying uncertain systems with multiplicative noises. IEEE Transactions on Automatic Control, 2002, 47, 1179-1183.	3.6	225
43	Robust H_{∞} Fuzzy Output-Feedback Control With Multiple Probabilistic Delays and Multiple Missing Measurements. IEEE Transactions on Fuzzy Systems, 2010, 18, 712-725.	6.5	224
44	Stochastic stability of uncertain Hopfield neural networks with discrete and distributed delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 354, 288-297.	0.9	218
45	<formula formulatype="inline"><tex Notation="TeX">H_{∞}</tex></formula> State Estimation for Complex Networks With Uncertain Inner Coupling and Incomplete Measurements. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 2027-2037.	7.2	217
46	Distributed Filtering for a Class of Time-Varying Systems Over Sensor Networks With Quantization Errors and Successive Packet Dropouts. IEEE Transactions on Signal Processing, 2012, 60, 3164-3173.	3.2	215
47	Finite-Horizon H_{∞} Filtering With Missing Measurements and Quantization Effects. IEEE Transactions on Automatic Control, 2013, 58, 1707-1718.	3.6	211
48	State Estimation for Coupled Uncertain Stochastic Networks With Missing Measurements and Time-Varying Delays: The Discrete-Time Case. IEEE Transactions on Neural Networks, 2009, 20, 781-793.	4.8	202
49	Robust stability analysis of generalized neural networks with discrete and distributed time delays. Chaos, Solitons and Fractals, 2006, 30, 886-896.	2.5	201
50	Distributed state estimation with stochastic parameters and nonlinearities through sensor networks: The finite-horizon case. Automatica, 2012, 48, 1575-1585.	3.0	198
51	PINNING IMPULSIVE STABILIZATION OF NONLINEAR DYNAMICAL NETWORKS WITH TIME-VARYING DELAY. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250176.	0.7	195
52	A Threshold-Parameter-Dependent Approach to Designing Distributed Event-Triggered H_{∞} Consensus Filters Over Sensor Networks. IEEE Transactions on Cybernetics, 2019, 49, 1148-1159.	6.2	195
53	Robust stability for stochastic Hopfield neural networks with time delays. Nonlinear Analysis: Real World Applications, 2006, 7, 1119-1128.	0.9	193
54	Stabilization of Systems With Probabilistic Interval Input Delays and Its Applications to Networked Control Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 939-945.	3.4	186

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55	Robust Synchronization of an Array of Coupled Stochastic Discrete-Time Delayed Neural Networks. IEEE Transactions on Neural Networks, 2008, 19, 1910-1921.	4.8	180
56	Event‐based security control for discrete‐time stochastic systems. IET Control Theory and Applications, 2016, 10, 1808-1815.	1.2	179
57	Exponential stability of uncertain stochastic neural networks with mixed time-delays. Chaos, Solitons and Fractals, 2007, 32, 62-72.	2.5	178
58	Robust finite-horizon filtering for stochastic systems with missing measurements. IEEE Signal Processing Letters, 2005, 12, 437-440.	2.1	174
59	Joint state and fault estimation for time-varying nonlinear systems with randomly occurring faults and sensor saturations. Automatica, 2018, 97, 150-160.	3.0	174
60	Event-Triggered Mean-Square Consensus Control for Time-Varying Stochastic Multi-Agent System With Sensor Saturations. IEEE Transactions on Automatic Control, 2017, 62, 3524-3531.	3.6	173
61	Recursive filtering with random parameter matrices, multiple fading measurements and correlated noises. Automatica, 2013, 49, 3440-3448.	3.0	167
62	Exponential synchronization of complex networks with Markovian jump and mixed delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3986-3998.	0.9	162
63	Distributed weighted robust Kalman filter fusion for uncertain systems with autocorrelated and cross-correlated noises. Information Fusion, 2013, 14, 78-86.	11.7	162
64	Synchronization of Coupled Neutral-Type Neural Networks With Jumping-Mode-Dependent Discrete and Unbounded Distributed Delays. IEEE Transactions on Cybernetics, 2013, 43, 102-114.	6.2	162
65	Distributed Filtering for Fuzzy Time-Delay Systems With Packet Dropouts and Redundant Channels. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 559-572.	5.9	162
66	Probabilistic‐constrained filtering for a class of nonlinear systems with improved static event‐triggered communication. International Journal of Robust and Nonlinear Control, 2019, 29, 1484-1498.	2.1	161
67	On Nonlinear H_{∞} Filtering for Discrete-Time Stochastic Systems With Missing Measurements. IEEE Transactions on Automatic Control, 2008, 53, 2170-2180.	3.6	160
68	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow></m filtering for nonlinear discrete-time stochastic systems with randomly varying sensor delays. Automatica, 2009, 45, 1032-1037.	3.0	158
69	On H-infinity Estimation of Randomly Occurring Faults for A Class of Nonlinear Time-Varying Systems With Fading Channels. IEEE Transactions on Automatic Control, 2016, 61, 479-484.	3.6	158
70	A Stochastic Sampled-Data Approach to Distributed H_{∞} Filtering in Sensor Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2237-2246.	3.5	155
71	A survey of event-based strategies on control and estimation. Systems Science and Control Engineering, 2014, 2, 90-97.	1.8	153
72	Envelope-constrained <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si25.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow></mml:msub></mml:math> filtering with fading measurements and randomly occurring nonlinearities: The finite horizon case. Automatica, 2015, 55, 37-45.	3.0	153

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73	Set-membership filtering for time-varying systems with mixed time-delays under Round-Robin and Weighted Try-Once-Discard protocols. Automatica, 2016, 74, 341-348.	3.0	153
74	Event-Based <formula formulatype="inline"><tex Notation="TeX">H_{infty}</tex></formula> Filter Design for a Class of Nonlinear Time-Varying Systems With Fading Channels and Multiplicative Noises. IEEE Transactions on Signal Processing, 2015, 63, 3387-3395.	3.2	151
75	Robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si52.gif display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow><mml finite-horizon filtering with randomly occurred nonlinearities and quantization effects. Automatica, 2010, 46, 1743-1751.	3.0	150
76	Distributed H_{infty} Filtering for Polynomial Nonlinear Stochastic Systems in Sensor Networks. IEEE Transactions on Industrial Electronics, 2011, 58, 1971-1979.	5.2	150
77	Finite-horizon estimation of randomly occurring faults for a class of nonlinear time-varying systems. Automatica, 2014, 50, 3182-3189.	3.0	150
78	Distributed Event-Based Set-Membership Filtering for a Class of Nonlinear Systems With Sensor Saturations Over Sensor Networks. IEEE Transactions on Cybernetics, 2017, 47, 3772-3783.	6.2	150
79	Machine Learning with Applications in Breast Cancer Diagnosis and Prognosis. Designs, 2018, 2, 13.	1.3	150
80	Finite-Horizon <inline-formula> <tex-math notation="TeX">${cal H}_{infty}$</tex-math></inline-formula> Control for Discrete Time-Varying Systems With Randomly Occurring Nonlinearities and Fading Measurements. IEEE Transactions on Automatic Control, 2015, 60, 2488-2493.	3.6	149
81	Distributed State Estimation for Discrete-Time Sensor Networks With Randomly Varying Nonlinearities and Missing Measurements. IEEE Transactions on Neural Networks, 2011, 22, 486-496.	4.8	148
82	Stability analysis of impulsive stochastic Cohenâ€"Grossberg neural networks with mixed time delays. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 3314-3326.	1.2	147
83	Discrete-time recurrent neural networks with time-varying delays: Exponential stability analysis. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 362, 480-488.	0.9	146
84	Deep Belief Networks for Quantitative Analysis of a Gold Immunochromatographic Strip. Cognitive Computation, 2016, 8, 684-692.	3.6	146
85	Event-based filtering for time-varying nonlinear systems subject to multiple missing measurements with uncertain missing probabilities. Information Fusion, 2017, 38, 74-83.	11.7	145
86	Finite-horizon reliable control with randomly occurring uncertainties and nonlinearities subject to output quantization. Automatica, 2015, 52, 355-362.	3.0	144
87	Robust ${cal H}_{infty}$ Finite-Horizon Control for a Class of Stochastic Nonlinear Time-Varying Systems Subject to Sensor and Actuator Saturations. IEEE Transactions on Automatic Control, 2010, 55, 1716-1722.	3.6	143
88	Design of exponential state estimators for neural networks with mixed time delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 401-412.	0.9	142
89	Asymptotic stability for neural networks with mixed time-delays: The discrete-time case. Neural Networks, 2009, 22, 67-74.	3.3	141
90	Ultimate Boundedness Control for Networked Systems With Try-Once-Discard Protocol and Uniform Quantization Effects. IEEE Transactions on Automatic Control, 2017, 62, 6582-6588.	3.6	140

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91	An Improved Particle Filter With a Novel Hybrid Proposal Distribution for Quantitative Analysis of Gold Immunochromatographic Strips. IEEE Nanotechnology Magazine, 2019, 18, 819-829.	1.1	140
92	Position-Transitional Particle Swarm Optimization-Incorporated Latent Factor Analysis. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3958-3970.	4.0	138
93	Estimation, filtering and fusion for networked systems with network-induced phenomena: New progress and prospects. Information Fusion, 2016, 31, 65-75.	11.7	137
94	A delay-dependent LMI approach to dynamics analysis of discrete-time recurrent neural networks with time-varying delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 134-145.	0.9	135
95	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.	2.1	135
96	Event-triggered recursive state estimation for dynamical networks under randomly switching topologies and multiple missing measurements. Automatica, 2020, 115, 108908.	3.0	134
97	Communication-protocol-based analysis and synthesis of networked systems: progress, prospects and challenges. International Journal of Systems Science, 2021, 52, 3013-3034.	3.7	134
98	Recursive distributed filtering over sensor networks on Gilbert‐Elliott channels: A dynamic event-triggered approach. Automatica, 2020, 113, 108681.	3.0	133
99	Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. IEEE Transactions on Automatic Control, 2008, 53, 2448-2457.	3.6	132
100	Consensus control of stochastic multi-agent systems: a survey. Science China Information Sciences, 2017, 60, 1.	2.7	131
101	Variance-Constrained Distributed Filtering for Time-Varying Systems With Multiplicative Noises and Deception Attacks Over Sensor Networks. IEEE Sensors Journal, 2017, 17, 2279-2288.	2.4	128
102	Robust H_∞ observer design of linear state delayed systems with parametric uncertainty: the discrete-time case. Automatica, 1999, 35, 1161-1167.	3.0	127
103	Gain-Constrained Recursive Filtering With Stochastic Nonlinearities and Probabilistic Sensor Delays. IEEE Transactions on Signal Processing, 2013, 61, 1230-1238.	3.2	126
104	Robust H_{∞} Control With Missing Measurements and Time Delays. IEEE Transactions on Automatic Control, 2007, 52, 1666-1672.	3.6	125
105	On Delayed Genetic Regulatory Networks With Polytopic Uncertainties: Robust Stability Analysis. IEEE Transactions on Nanobioscience, 2008, 7, 154-163.	2.2	125
106	Optimal control for networked control systems with disturbances: a delta operator approach. IET Control Theory and Applications, 2017, 11, 1325-1332.	1.2	125
107	State estimation for discrete-time Markovian jumping neural networks with mixed mode-dependent delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 7147-7155.	0.9	124
108	Global stability of stochastic high-order neural networks with discrete and distributed delays. Chaos, Solitons and Fractals, 2008, 36, 388-396.	2.5	124

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109	Event‐triggered distributed ℓ_{∞} state estimation with packet dropouts through sensor networks. IET Control Theory and Applications, 2015, 9, 1948-1955.	1.2	124
110	State estimation for Markov-type genetic regulatory networks with delays and uncertain mode transition rates. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4328-4337.	0.9	121
111	Non-fragile state estimation for discrete Markovian jumping neural networks. Neurocomputing, 2016, 179, 238-245.	3.5	121
112	Robust stability of discrete-time stochastic neural networks with time-varying delays. Neurocomputing, 2008, 71, 823-833.	3.5	120
113	An Extended Kalman Filtering Approach to Modeling Nonlinear Dynamic Gene Regulatory Networks via Short Gene Expression Time Series. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2009, 6, 410-419.	1.9	118
114	A Novel Switching Delayed PSO Algorithm for Estimating Unknown Parameters of Lateral Flow Immunoassay. Cognitive Computation, 2016, 8, 143-152.	3.6	117
115	Robust H/sub 2//H/sub ∞/ filtering for linear systems with error variance constraints. IEEE Transactions on Signal Processing, 2000, 48, 2463-2467.	3.2	114
116	Filtering on nonlinear time-delay stochastic systems. Automatica, 2003, 39, 101-109.	3.0	114
117	Stability analysis for a class of neutral-type neural networks with Markovian jumping parameters and mode-dependent mixed delays. Neurocomputing, 2012, 94, 46-53.	3.5	114
118	Reliable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow></m control for discrete-time piecewise linear systems with infinite distributed delays. Automatica, 2009, 45, 2991-2994.	3.0	113
119	Distributed State-Saturated Recursive Filtering Over Sensor Networks Under Round-Robin Protocol. IEEE Transactions on Cybernetics, 2020, 50, 3605-3615.	6.2	113
120	On global exponential stability of generalized stochastic neural networks with mixed time-delays. Neurocomputing, 2006, 70, 314-326.	3.5	111
121	consensus control for multi-agent systems with missing measurements: The finite-horizon case. Systems and Control Letters, 2013, 62, 827-836.	1.3	110
122	Recent advances on filtering and control for cyber-physical systems under security and resource constraints. Journal of the Franklin Institute, 2016, 353, 2451-2466.	1.9	110
123	A Novel Particle Swarm Optimization Approach for Patient Clustering From Emergency Departments. IEEE Transactions on Evolutionary Computation, 2019, 23, 632-644.	7.5	110
124	Robust *H* $_{\infty}$ filtering for networked systems with multiple state delays. International Journal of Control, 2007, 80, 1217-1232.	1.2	109
125	H_{∞} Fuzzy Control for Systems With Repeated Scalar Nonlinearities and Random Packet Losses. IEEE Transactions on Fuzzy Systems, 2009, 17, 440-450.	6.5	109
126	Exponential synchronization of stochastic delayed discrete-time complex networks. Nonlinear Dynamics, 2008, 53, 153-165.	2.7	108

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127	Event-Based H_{infty} Consensus Control of Multi-Agent Systems With Relative Output Feedback: The Finite-Horizon Case. IEEE Transactions on Automatic Control, 2015, 60, 2553-2558.	3.6	107
128	Networked Strong Tracking Filtering with Multiple Packet Dropouts: Algorithms and Applications. IEEE Transactions on Industrial Electronics, 2014, 61, 1454-1463.	5.2	106
129	Stabilization for sampled-data systems under noisy sampling interval. Automatica, 2016, 63, 162-166.	3.0	105
130	A Resilient Approach to Distributed Filter Design for Time-Varying Systems Under Stochastic Nonlinearities and Sensor Degradation. IEEE Transactions on Signal Processing, 2017, 65, 1300-1309.	3.2	104
131	Event-Based Variance-Constrained ${mathcal {H}}_{infty }$ Filtering for Stochastic Parameter Systems Over Sensor Networks With Successive Missing Measurements. IEEE Transactions on Cybernetics, 2018, 48, 1007-1017.	6.2	104
132	Robust ${mathscr {H}}_{infty }$ Filtering for a Class of Two-Dimensional Uncertain Fuzzy Systems With Randomly Occurring Mixed Delays. IEEE Transactions on Fuzzy Systems, 2017, 25, 70-83.	6.5	103
133	Event-Triggered Partial-Nodes-Based State Estimation for Delayed Complex Networks With Bounded Distributed Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1088-1098.	5.9	100
134	Recursive Distributed Filtering for a Class of State-Saturated Systems With Fading Measurements and Quantization Effects. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 930-941.	5.9	99
135	Design of non-fragile state estimators for discrete time-delayed neural networks with parameter uncertainties. Neurocomputing, 2016, 182, 18-24.	3.5	97
136	Event-triggered robust distributed state estimation for sensor networks with state-dependent noises. International Journal of General Systems, 2015, 44, 254-266.	1.2	96
137	A new genetic algorithm approach to smooth path planning for mobile robots. Assembly Automation, 2016, 36, 138-145.	1.0	95
138	state estimation with fading measurements, randomly varying nonlinearities and probabilistic distributed delays. International Journal of Robust and Nonlinear Control, 2015, 25, 2180-2195.	2.1	92
139	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.	7.2	92
140	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.	3.6	91
141	Quantized/Saturated Control for Sampled-Data Systems Under Noisy Sampling Intervals: A Confluent Vandermonde Matrix Approach. IEEE Transactions on Automatic Control, 2017, 62, 4753-4759.	3.6	90
142	Image encryption using chaotic coupled map lattices with time-varying delays. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2456-2468.	1.7	89
143	State estimation for twoâ€dimensional complex networks with randomly occurring nonlinearities and randomly varying sensorâ€‰delays. International Journal of Robust and Nonlinear Control, 2014, 24, 18-38.	2.1	89
144	Nonfragile <inline-formula> <tex-math notation="LaTeX">H_{infty}</tex-math> </inline-formula> Fuzzy Filtering With Randomly Occurring Gain Variations and Channel Fadings. IEEE Transactions on Fuzzy Systems, 2016, 24, 505-518.	6.5	89

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145	Security-guaranteed filtering for discrete-time stochastic delayed systems with randomly occurring sensor saturations and deception attacks. International Journal of Robust and Nonlinear Control, 2017, 27, 1194-1208.	2.1	89
146	Protocol-Based Unscented Kalman Filtering in the Presence of Stochastic Uncertainties. IEEE Transactions on Automatic Control, 2020, 65, 1303-1309.	3.6	89
147	A new approach to non-fragile state estimation for continuous neural networks with time-delays. Neurocomputing, 2016, 197, 205-211.	3.5	88
148	Event-Triggered Strategy Design for Discrete-Time Nonlinear Quadratic Games With Disturbance Compensations: The Noncooperative Case. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1885-1896.	5.9	88
149	Distributed filtering in sensor networks with randomly occurring saturations and successive packet dropouts. International Journal of Robust and Nonlinear Control, 2014, 24, 1743-1759.	2.1	87
150	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.	6.2	87
151	Global synchronization for delayed complex networks with randomly occurring nonlinearities and multiple stochastic disturbances. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 135101.	0.7	86
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