

Guoliang Wei

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.

166 papers	5,578 citations	41 h-index	71 g-index
179 ext. papers	6,782 ext. citations	4.7 avg, IF	6.77 L-index

#	Paper	IF	Citations
166	Fault tolerant consensus control of multi-agent systems under dynamic event-triggered mechanisms.. <i>ISA Transactions</i> , 2022 ,	5.5	3
165	Adaptive event-triggered state estimation for large-scale systems subject to deception attacks. <i>Science China Information Sciences</i> , 2022 , 65, 1	3.4	2
164	Asynchronous partially mode-dependent control for switched larger-scale nonlinear systems with bounded sojourn time. <i>Applied Mathematics and Computation</i> , 2022 , 418, 126809	2.7	1
163	Event-Triggered Cost-Guaranteed Control for Linear Repetitive Processes under Probabilistic Constraints. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	2
162	Adaptive Set-Membership State Estimation for Nonlinear Systems Under Bit Rate Allocation Mechanism: A Neural-Network-Based Approach.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , PP,	10.3	1
161	Event-triggered Fusion Estimation for Nonlinear Stochastic System with Unknown Parameters and Transmission Fading Over Sensor Networks. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 1405-1417	2.9	
160	Consensus Control for Multiple Euler-Lagrange Systems Based on High-Order Disturbance Observer: An Event-Triggered Approach. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022 , 9, 945-948	7	1
159	Target Location Method Based on Compressed Sensing in Hidden Semi Markov Model. <i>Electronics (Switzerland)</i> , 2022 , 11, 1715	2.6	0
158	Output-feedback control for stochastic impulsive systems under Round-Robin protocol. <i>Automatica</i> , 2022 , 143, 110394	5.7	1
157	Event-based state estimation under constrained bit rate: An encoding&decoding approach. <i>Automatica</i> , 2022 , 143, 110421	5.7	5
156	Finite-Horizon H ₁ Bipartite Consensus Control of Cooperation-Competition Multiagent Systems With Round-Robin Protocols. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3699-3709	10.2	13
155	Consensus Control of Multi-Agent Systems Using Fault-Estimation-in-the-Loop: Dynamic Event-Triggered Case. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 1-12	7	22
154	Proportional-Integral Observer Design for Uncertain Time-Delay Systems Subject to Deception Attacks: An Outlier-Resistant Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	1
153	Membership-function-dependent model predictive control for nonlinear systems in a piecewise-fuzzy framework. <i>Fuzzy Sets and Systems</i> , 2021 ,	3.7	1
152	Nonfragile H State Estimation for Recurrent Neural Networks With Time-Varying Delays: On Proportional-Integral Observer Design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 3553-3565	10.3	5
151	Protocol-based H ₁ filtering for piecewise linear systems: A measurement-dependent equivalent reduction approach. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 3163-3178	3.6	7
150	Calibration method of anchor position in indoor environment based on two-step extended Kalman filter. <i>Multidimensional Systems and Signal Processing</i> , 2021 , 32, 1141-1158	1.8	

149	Efficient Model-Predictive Control for Networked Interval Type-2 T _B Fuzzy System With Stochastic Communication Protocol. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 286-297	8.3	14
148	Pinning Synchronization Control for a Class of Dynamical Networks with Coupled Time-Varying Delays: An Interval-Observer-Based Approach. <i>Circuits, Systems, and Signal Processing</i> , 2021 , 40, 154-173 ^{2,2}		
147	Distributed set-membership filtering for discrete-time systems subject to denial-of-service attacks and fading measurements: A zonotopic approach. <i>Information Sciences</i> , 2021 , 547, 49-67	7.7	10
146	Impulsive disturbance on stability analysis of delayed quaternion-valued neural networks. <i>Applied Mathematics and Computation</i> , 2021 , 390, 125680	2.7	15
145	Partial-neurons-based state estimation for delayed neural networks with state-dependent noises under redundant channels. <i>Information Sciences</i> , 2021 , 547, 931-944	7.7	2
144	Proportional-Integral observer design for systems with mixed time-delays under round-robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 887-906	3.6	1
143	Distributed stubborn-set-membership filtering with a dynamic event-based scheme: The Takagi-Sugeno fuzzy framework. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 513-531	2.8	2
142	A Novel Feature Points Tracking Algorithm in Terms of IMU-Aided Information Fusion. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5304-5313	11.9	5
141	Interval Estimation for Discrete Sequential Systems Under Round-robin Protocol. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 318-328	2.9	2
140	Observer-Based PID Security Control for Discrete Time-Delay Systems Under Cyber-Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3926-3938	7.3	27
139	Distributed Set-Membership Fusion Filtering for Nonlinear 2-D Systems Over Sensor Networks: An Encoding-Decoding Scheme. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	6
138	Recursive Set-Membership State Estimation Over a FlexRay Network. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	5
137	Recursive Filtering for Time-Varying Discrete Sequential Systems Subject to Deception Attacks: Weighted Try-Once-Discard Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	2
136	Security-Based Resilient Robust Model Predictive Control for Polytopic Uncertain Systems Subject to Deception Attacks and RR Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	2
135	Resilient distributed MPC for systems under synchronous round-robin scheduling. <i>Journal of the Franklin Institute</i> , 2021 , 358, 1957-1983	4	
134	An improved DualGAN for near-infrared image colorization. <i>Infrared Physics and Technology</i> , 2021 , 116, 103764	2.7	6
133	Nonlinear Filtering Under Stochastic Communication Protocol with Unknown Scheduling Probability. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 3343	2.9	
132	Distributed resilient interval estimation for sensor networks under aperiodic denial-of-service attacks and adaptive event-triggered protocols. <i>Applied Mathematics and Computation</i> , 2021 , 409, 126371 ⁷	2.7	3

131	A dual-mode automatic switching feature points matching algorithm fusing IMU data. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 185, 110043	4.6	0
130	An improved multi-focus image fusion algorithm based on multi-scale weighted focus measure. <i>Applied Intelligence</i> , 2021 , 51, 4453-4469	4.9	2
129	Neural-Network-Based Set-Membership Fault Estimation for 2-D Systems Under Encoding-Decoding Mechanism. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	8
128	Uniform Detectability-Aided Boundedness Analysis of Error Covariances of Kalman Filter for Time-Varying Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-9	7.3	0
127	Dwell-time-based energy scheduling and distributed control for large-scale nonlinear systems under Round-Robin protocol. <i>Nonlinear Dynamics</i> , 2020 , 102, 1643-1656	5	0
126	Wireless-sensor-network-based target localization: A semidefinite relaxation approach with adaptive threshold correction. <i>Neurocomputing</i> , 2020 , 405, 229-238	5.4	10
125	Proportional-Integral Observer Design for Multidelayed Sensor-Saturated Recurrent Neural Networks: A Dynamic Event-Triggered Protocol. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4619-4632	10.2	43
124	PD-type π - Intermittent Pinning Synchronization Control of Discrete Time-delay Nonlinear Dynamical Networks. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 2027-2037	2.9	3
123	Resilient π -filtering with dwell-time-based communication scheduling. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020 , 37, 100901	4.5	2
122	A Novel Fault Detection Method Under Weighted Try-Once-Discard Scheduling Over Sensor Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 1489-1499	4	25
121	Recursive Filtering with Measurement Fading: A Multiple Description Coding Scheme. <i>IEEE Transactions on Automatic Control</i> , 2020 , 1-1	5.9	24
120	Minimal Number of Sensor Nodes for Distributed Kalman Filtering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	2
119	Generalized norm for existence, uniqueness and stability of Hopfield neural networks with discrete and distributed delays. <i>Neural Networks</i> , 2020 , 128, 288-293	9.1	9
118	On Boundedness of Error Covariances for Kalman Consensus Filtering Problems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 2654-2661	5.9	12
117	Distributed entropy filtering subject to DoS attacks in non-Gauss environments. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1240-1257	3.6	15
116	Dynamic event-based state estimation for delayed artificial neural networks with multiplicative noises: A gain-scheduled approach. <i>Neural Networks</i> , 2020 , 132, 211-219	9.1	15
115	Robust model predictive control for multirate systems with model uncertainties and circular scheduling. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8206-8227	3.6	1
114	Protocol-based extended Kalman filtering with quantization effects: The Round-Robin case. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7927-7946	3.6	10

113	A dynamic event-triggered approach to observer-based PID security control subject to deception attacks. <i>Automatica</i> , 2020 , 120, 109128	5.7	51
112	Finite-time fault tolerant control for stochastic parameter systems with intermittent fault under stochastic communication protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6112-6129	3.6	5
111	Efficient Model Predictive Control for Nonlinear Systems in Interval Type-2 T-S Fuzzy Form Under Round-Robin Protocol. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	6
110	Protocol-based collaborative design for discrete-time switched systems with sojourn probabilities. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8044-8059	3.6	0
109	H _∞ Pinning Control of Complex Dynamical Networks Under Dynamic Quantization Effects: A Coupled Backward Riccati Equation Approach. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	8
108	A Novel Positioning System of UAV Based on IMA-GPS Three-Layer Data Fusion. <i>IEEE Access</i> , 2020 , 8, 158449-158458	3.5	2
107	Interval Observer Design Under Stealthy Attacks and Improved Event-Triggered Protocols. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2020 , 6, 570-579	2.8	3
106	Variance-constrained H ₂ synchronization control of discrete time-delayed complex dynamical networks: An intermittent pinning approach. <i>Asian Journal of Control</i> , 2020 ,	1.7	1
105	Nonfragile H_{∞} Fault Estimation for Markovian Jump 2-D Systems With Specified Power Bounds. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1964-1975	7.3	42
104	Quantized Control for Networked Switched Systems With a More General Switching Rule. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1909-1917	7.3	14
103	H Containment Control of Multiagent Systems Under Event-Triggered Communication Scheduling: The Finite-Horizon Case. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1372-1382	10.2	72
102	Distributed Set-Membership Filtering for Multirate Systems Under the Round-Robin Scheduling Over Sensor Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1910-1920	10.2	90
101	H_{∞} PID Control With Fading Measurements: The Output-Feedback Case. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2170-2180	7.3	26
100	Stability Analysis of Covariance Intersection-Based Kalman Consensus Filtering for Time-Varying Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4611-4622	7.3	21
99	N-Step MPC for Systems With Persistent Bounded Disturbances Under SCP. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4762-4772	7.3	26
98	Protocol-Based Unscented Kalman Filtering in the Presence of Stochastic Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1303-1309	5.9	58
97	Event-triggered control for discrete-time systems with unknown nonlinearities: an interval observer-based approach. <i>International Journal of Systems Science</i> , 2020 , 51, 1019-1031	2.3	22
96	Dynamic output-feedback RMPC for systems with polytopic uncertainties under Round-Robin protocol. <i>Journal of the Franklin Institute</i> , 2019 , 356, 2421-2439	4	4

95	Variance-constrained H_∞ state estimation for time-varying multi-rate systems with redundant channels: The finite-horizon case. <i>Information Sciences</i> , 2019 , 501, 222-235	7.7	22
94	Non-fragile H_∞ state estimation for discrete-time complex networks with randomly occurring time-varying delays and channel fadings. <i>IMA Journal of Mathematical Control and Information</i> , 2019 , 36, 247-269	1.1	4
93	Networked recursive filtering for time-delayed nonlinear stochastic systems with uniform quantisation under Round-Robin protocol. <i>International Journal of Systems Science</i> , 2019 , 50, 871-884	2.3	32
92	Robust model predictive control for polytopic uncertain systems with state saturation nonlinearities under Round-Robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2188-2202	3.6	12
91	Event-triggered set-membership filtering for discrete-time memristive neural networks subject to measurement saturation and fadings. <i>Neurocomputing</i> , 2019 , 346, 20-29	5.4	10
90	Distributed MPC-based adaptive control for linear systems with unknown parameters. <i>Journal of the Franklin Institute</i> , 2019 , 356, 2606-2624	4	7
89	Finite-horizon H_∞ consensus control for multi-agent systems under energy constraint. <i>Journal of the Franklin Institute</i> , 2019 , 356, 3762-3780	4	5
88	Neural-Network-Based Output-Feedback Control Under Round-Robin Scheduling Protocols. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2372-2384	10.2	131
87	Finite-time control in probability for time-varying systems with measurement censoring. <i>Journal of the Franklin Institute</i> , 2019 , 356, 1677-1694	4	1
86	Robust H_2/H_∞ Model Predictive Control for Linear Systems With Polytopic Uncertainties Under Weighted MEF-TOD Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1470-1481	7.3	45
85	Reliable fusion estimation over sensor networks with outliers and energy constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5913-5929	3.6	7
84	Finite-horizon fault estimation for time-varying systems with multiple fading measurements under torus-event-based protocols. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 4594-4608	3.6	23
83	A Localization and Tracking Approach in NLOS Environment Based on Distance and Angle Probability Model. <i>Sensors</i> , 2019 , 19,	3.8	6
82	Fault detection for discrete time-delay networked systems with round-robin protocol in finite-frequency domain. <i>International Journal of Systems Science</i> , 2019 , 50, 2497-2509	2.3	17
81	Event-triggered fault detection for switched systems with time-varying sojourn probabilities. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 6463-6482	3.6	7
80	Distributed Resilient Filtering for Power Systems Subject to Denial-of-Service Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1688-1697	7.3	160
79	Event-triggered distributed fault detection over sensor networks in finite-frequency domain. <i>IET Control Theory and Applications</i> , 2019 , 13, 2261-2269	2.5	7
78	Observer-Based Consensus Control for Discrete-Time Multiagent Systems With Coding-Decoding Communication Protocol. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4335-4345	10.2	73

77	Synchronization Control for a Class of Discrete-Time Dynamical Networks With Packet Dropouts: A Coding-Decoding-Based Approach. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2437-2448	10.2	104
76	Robust MPC under event-triggered mechanism and Round-Robin protocol: An average dwell-time approach. <i>Information Sciences</i> , 2018 , 457-458, 126-140	7.7	34
75	Non-fragile \mathcal{H}_∞ control for discrete-time stochastic nonlinear systems under event-triggered protocols. <i>International Journal of General Systems</i> , 2018 , 47, 446-459	2.1	1
74	Fault Detection for Fuzzy Systems With Multiplicative Noises Under Periodic Communication Protocols. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2384-2395	8.3	29
73	Encoding-Decoding-Based control and filtering of networked systems: insights, developments and opportunities. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 3-18	7	35
72	Set-membership filtering for discrete time-varying nonlinear systems with censored measurements under Round-Robin protocol. <i>Neurocomputing</i> , 2018 , 281, 20-26	5.4	25
71	PID output-feedback control under event-triggered protocol. <i>International Journal of General Systems</i> , 2018 , 47, 432-445	2.1	9
70	Security Control for Discrete-Time Stochastic Nonlinear Systems Subject to Deception Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 779-789	7.3	245
69	A New Look at Boundedness of Error Covariance of Kalman Filtering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 309-314	7.3	45
68	A Gain-Scheduling Approach to Nonfragile \mathcal{H}_∞ Fuzzy Control Subject to Fading Channels. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 142-154	8.3	23
67	Event-Based Variance-Constrained \mathcal{H}_∞ Filtering for Stochastic Parameter Systems Over Sensor Networks With Successive Missing Measurements. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1007-1017	10.2	86
66	Finite-Time State Estimation for Recurrent Delayed Neural Networks With Component-Based Event-Triggering Protocol. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1046-1057	10.3	101
65	Improved ACO-based path planning with rollback and death strategies. <i>Systems Science and Control Engineering</i> , 2018 , 6, 102-107	2	8
64	A Weightedly Uniform Detectability for Sensor Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5790-5796	10.3	19
63	A Novel Observability Gramian-Based Fast Covariance Intersection Rule. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 1570-1574	3.2	4
62	On quantized \mathcal{H}_∞ filtering for multi-rate systems under stochastic communication protocols: The finite-horizon case. <i>Information Sciences</i> , 2018 , 459, 211-223	7.7	37
61	Robust \mathcal{H}_∞ Filtering for a Class of Two-Dimensional Uncertain Fuzzy Systems With Randomly Occurring Mixed Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 70-83	8.3	89
60	Observer-Based Event-Triggering Consensus Control for Multiagent Systems With Lossy Sensors and Cyber-Attacks. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1936-1947	10.2	276

59	Distributed recursive filtering for stochastic systems under uniform quantizations and deception attacks through sensor networks. <i>Automatica</i> , 2017 , 78, 231-240	5.7	271
58	Finite-horizon bounded synchronisation and state estimation for discrete-time complex networks: local performance analysis. <i>IET Control Theory and Applications</i> , 2017 , 11, 827-837	2.5	34
57	Design and analysis of H _∞ filter for a class of T-S fuzzy system with redundant channels and multiplicative noises. <i>Neurocomputing</i> , 2017 , 260, 257-264	5.4	12
56	Local Condition Based Consensus Filtering With Stochastic Nonlinearities and Multiple Missing Measurements. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4784-4790	5.9	44
55	Event-triggered dynamic output feedback RMPC for polytopic systems with redundant channels: Input-to-state stability. <i>Journal of the Franklin Institute</i> , 2017 , 354, 2871-2892	4	17
54	H_{∞} Fuzzy Fault Detection for Uncertain 2-D Systems Under Round-Robin Scheduling Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2172-2184	7.3	42
53	RMPC-based security problem for polytopic uncertain system subject to deception attacks and persistent disturbances. <i>IET Control Theory and Applications</i> , 2017 , 11, 1611-1618	2.5	19
52	Fault detection for discrete piecewise linear systems with infinite distributed time-delays. <i>International Journal of Systems Science</i> , 2017 , 48, 3431-3439	2.3	1
51	H_{∞} Control for 2-D Fuzzy Systems With Interval Time-Varying Delays and Missing Measurements. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 365-377	10.2	93
50	Set-membership state estimation subject to uniform quantization effects and communication constraints. <i>Journal of the Franklin Institute</i> , 2017 , 354, 7012-7027	4	24
49	Finite-horizon H ₂ consensus control for multi-agent systems with random parameters: The local condition case. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6078-6097	4	18
48	Kalman-type recursive filtering for stochastic nonlinear time-delay systems with randomly occurring deception attacks 2017 ,		3
47	H state estimation for artificial neural networks over redundant channels. <i>Neurocomputing</i> , 2017 , 226, 117-125	5.4	10
46	On scheduling of deception attacks for discrete-time networked systems equipped with attack detectors. <i>Neurocomputing</i> , 2017 , 219, 99-106	5.4	71
45	An Event-Triggered Approach to State Estimation for a Class of Complex Networks With Mixed Time Delays and Nonlinearities. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2497-2508	10.2	147
44	Weighted Average Consensus-Based Unscented Kalman Filtering. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 558-67	10.2	161
43	Distributed output feedback MPC with randomly occurring actuator saturation and packet loss. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 3036-3057	3.6	28
42	Event-based distributed set-membership filtering for a class of time-varying non-linear systems over sensor networks with saturation effects. <i>International Journal of General Systems</i> , 2016 , 45, 532-547 ^{2.1}		34

41	Error-constrained reliable tracking control for discrete time-varying systems subject to quantization effects. <i>Neurocomputing</i> , 2016 , 174, 897-905	5.4	59
40	State estimation for a class of artificial neural networks with stochastically corrupted measurements under Round-Robin protocol. <i>Neural Networks</i> , 2016 , 77, 70-79	9.1	62
39	Robust model predictive control under redundant channel transmission with applications in networked DC motor systems. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 3937-3957	7.6	43
38	Recursive filtering with randomly occurring false data injection attacks 2016 ,		1
37	Event-based security control for discrete-time stochastic systems. <i>IET Control Theory and Applications</i> , 2016 , 10, 1808-1815	2.5	142
36	Extended Kalman filtering for stochastic nonlinear systems with randomly occurring cyber attacks. <i>Neurocomputing</i> , 2016 , 207, 708-716	5.4	129
35	Distributed . <i>Journal of the Franklin Institute</i> , 2015 , 352, 2029-2046	4	16
34	Probability-guaranteed set-membership filtering for systems with incomplete measurements. <i>Automatica</i> , 2015 , 60, 12-16	5.7	79
33	Reliable H ₂ state estimation for 2-D discrete systems with infinite distributed delays and incomplete observations. <i>International Journal of General Systems</i> , 2015 , 44, 155-168	2.1	42
32	Event-triggered consensus control for discrete-time stochastic multi-agent systems: The input-to-state stability in probability. <i>Automatica</i> , 2015 , 62, 284-291	5.7	215
31	A Survey on Multisensor Fusion and Consensus Filtering for Sensor Networks. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-12	1.1	51
30	Fuzzy-Logic-Based Control, Filtering, and Fault Detection for Networked Systems: A Survey. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-11	1.1	2
29	Filtering and Control for Unreliable Communication 2015. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-3	1.1	
28	Scale-corrected minimal skew simplex sampling UKF for BLDCM sensorless control. <i>Systems Science and Control Engineering</i> , 2015 , 3, 340-350	2	1
27	H ₂ control for a class of multi-agent systems via a stochastic sampled-data method. <i>IET Control Theory and Applications</i> , 2015 , 9, 2057-2065	2.5	12
26	Sensorless control for the brushless DC motor: an unscented Kalman filter algorithm. <i>Systems Science and Control Engineering</i> , 2015 , 3, 8-13	2	9
25	Speed identification and control for permanent magnet synchronous motor via sliding mode approach. <i>Systems Science and Control Engineering</i> , 2014 , 2, 161-167	2	6
24	Controller design for 2-D stochastic nonlinear Roesser model: A probability-dependent gain-scheduling approach. <i>Journal of the Franklin Institute</i> , 2014 , 351, 5182-5203	4	9

23	Probability-dependent H_∞ synchronization control for dynamical networks with randomly varying nonlinearities. <i>Neurocomputing</i> , 2014 , 133, 369-376	5-4	22
22	Consensus-based unscented Kalman filter for sensor networks with sensor saturations 2014 ,		2
21	Filtering and Control for Unreliable Communication: The Discrete-Time Case. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-3	1.1	
20	Reliable H_∞ filtering for discrete piecewise linear systems with infinite distributed delays. <i>International Journal of General Systems</i> , 2014 , 43, 346-358	2.1	28
19	A Survey on Gain-Scheduled Control and Filtering for Parameter-Varying Systems. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-10	1.1	8
18	Distributed H_∞ filtering for a class of sensor networks with uncertain rates of packet losses. <i>Signal Processing</i> , 2014 , 104, 143-151	4-4	22
17	Probability-dependent gain-scheduled control for discrete stochastic delayed systems with randomly occurring nonlinearities. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 815-826	3-6	45
16	State estimation for complex networks with randomly occurring coupling delays. <i>Neurocomputing</i> , 2013 , 122, 513-520	5-4	36
15	A gain-scheduled approach to fault-tolerant control for discrete-time stochastic delayed systems with randomly occurring actuator faults. <i>Systems Science and Control Engineering</i> , 2013 , 1, 82-90	2	26
14	Robust H_∞ filter for discrete-time linear system with uncertain missing measurements and non-linearity. <i>IET Signal Processing</i> , 2013 , 7, 239-248	1-7	5
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10	Probability-Dependent Static Output Feedback Control for Discrete-Time Nonlinear Stochastic Systems with Missing Measurements. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-15	1.1	6
9	Probability-Dependent Gain-Scheduled Filtering for Stochastic Systems With Missing Measurements. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2011 , 58, 753-757	3-5	34
8	Robust . <i>Automatica</i> , 2010 , 46, 1743-1751	5-7	134
7	Robust H_∞ Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 224-232	8-3	50
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5	Robust filtering with stochastic nonlinearities and multiple missing measurements. <i>Automatica</i> , 2009 , 45, 836-841	5.7	195
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