

Guoliang Wei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Observer-Based Event-Triggering Consensus Control for Multiagent Systems With Lossy Sensors and Cyber-Attacks. IEEE Transactions on Cybernetics, 2017, 47, 1936-1947.	9.5	377
2	Security Control for Discrete-Time Stochastic Nonlinear Systems Subject to Deception Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 779-789.	9.3	372
3	Distributed recursive filtering for stochastic systems under uniform quantizations and deception attacks through sensor networks. Automatica, 2017, 78, 231-240.	5.0	350
4	Event-triggered consensus control for discrete-time stochastic multi-agent systems: The input-to-state stability in probability. Automatica, 2015, 62, 284-291.	5.0	253
5	Robust filtering with stochastic nonlinearities and multiple missing measurements. Automatica, 2009, 45, 836-841.	5.0	243
6	Distributed Resilient Filtering for Power Systems Subject to Denial-of-Service Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1688-1697.	9.3	235
7	Quantized H_{∞} Control for Nonlinear Stochastic Time-Delay Systems With Missing Measurements. IEEE Transactions on Automatic Control, 2012, 57, 1431-1444.	5.7	231
8	Weighted Average Consensus-Based Unscented Kalman Filtering. IEEE Transactions on Cybernetics, 2016, 46, 558-567.	9.5	228
9	Neural-Network-Based Output-Feedback Control Under Round-Robin Scheduling Protocols. IEEE Transactions on Cybernetics, 2019, 49, 2372-2384.	9.5	187
10	Event-based security control for discrete-time stochastic systems. IET Control Theory and Applications, 2016, 10, 1808-1815.	2.1	179
11	An Event-Triggered Approach to State Estimation for a Class of Complex Networks With Mixed Time Delays and Nonlinearities. IEEE Transactions on Cybernetics, 2016, 46, 2497-2508.	9.5	178
12	Robust filtering for nonlinear discrete-time stochastic systems with randomly varying sensor delays. Automatica, 2009, 45, 1032-1037.	5.0	158
13	Extended Kalman filtering for stochastic nonlinear systems with randomly occurring cyber attacks. Neurocomputing, 2016, 207, 708-716.	5.9	156
14	Robust finite-horizon filtering with randomly occurred nonlinearities and quantization effects. Automatica, 2010, 46, 1743-1751.	5.0	150
15	Synchronization Control for a Class of Discrete-Time Dynamical Networks With Packet Dropouts: A Coding-Decoding-Based Approach. IEEE Transactions on Cybernetics, 2018, 48, 2437-2448.	9.5	138
16	Distributed Set-Membership Filtering for Multirate Systems Under the Round-Robin Scheduling Over Sensor Networks. IEEE Transactions on Cybernetics, 2020, 50, 1910-1920.	9.5	131
17	Finite-Time State Estimation for Recurrent Delayed Neural Networks With Component-Based Event-Triggering Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1046-1057.	11.3	124
18	Reliable control for discrete-time piecewise linear systems with infinite distributed delays. Automatica, 2009, 45, 2991-2994.	5.0	118

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19	Observer-Based Consensus Control for Discrete-Time Multiagent Systems With Coding-“Decoding” Communication Protocol. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 4335-4345.	9.5	106
20	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.	9.5	104
21	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.	9.8	103
22	\mathcal{H}_∞ Control for 2-D Fuzzy Systems With Interval Time-Varying Delays and Missing Measurements. <i>IEEE Transactions on Cybernetics</i> , 2016, 47, 1-12.	9.5	102
23	Probability-guaranteed set-membership filtering for systems with incomplete measurements. <i>Automatica</i> , 2015, 60, 12-16.	5.0	101
24	\mathcal{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.	9.5	99
25	A dynamic event-triggered approach to observer-based PID security control subject to deception attacks. <i>Automatica</i> , 2020, 120, 109128.	5.0	98
26	Consensus Control of Multi-Agent Systems Using Fault-Estimation-in-the-Loop: Dynamic Event-Triggered Case. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 1440-1451.	13.1	93
27	Protocol-Based Unscented Kalman Filtering in the Presence of Stochastic Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1303-1309.	5.7	89
28	On scheduling of deception attacks for discrete-time networked systems equipped with attack detectors. <i>Neurocomputing</i> , 2017, 219, 99-106.	5.9	85
29	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.	5.9	77
30	A Survey on Multisensor Fusion and Consensus Filtering for Sensor Networks. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-12.	0.9	76
31	Robust $\mathcal{H}_2/\mathcal{H}_\infty$ Model Predictive Control for Linear Systems With Polytopic Uncertainties Under Weighted MEF-TOD Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 1470-1481.	9.3	72
32	A delay-dependent approach to \mathcal{H}_∞ filtering for stochastic delayed jumping systems with sensor non-linearities. <i>International Journal of Control</i> , 2007, 80, 885-897.	1.9	70
33	Error-constrained reliable tracking control for discrete time-varying systems subject to quantization effects. <i>Neurocomputing</i> , 2016, 174, 897-905.	5.9	64
34	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.	9.3	64
35	Robust \mathcal{H}_∞ Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2009, 17, 224-232.	9.8	61
36	Robust MPC under event-triggered mechanism and Round-Robin protocol: An average dwell-time approach. <i>Information Sciences</i> , 2018, 457-458, 126-140.	6.9	61

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37	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.	3.7	60
38	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.	9.3	59
39	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.	13.1	57
40	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.	9.5	57
41	Recursive Filtering With Measurement Fading: A Multiple Description Coding Scheme. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 5144-5159.	5.7	57
42	Local Condition Based Consensus Filtering With Stochastic Nonlinearities and Multiple Missing Measurements. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 4784-4790.	5.7	56
43	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.	3.7	55
44	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.	9.3	54
45	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.	9.3	51
46	On quantized H_{∞} filtering for multi-rate systems under stochastic communication protocols: The finite-horizon case. <i>Information Sciences</i> , 2018, 459, 211-223.	6.9	47
47	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.	9.3	47
48	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.	3.7	44
49	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.	3.0	43
50	Reliable H_{∞} 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.	2.5	43
51	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.	9.3	42
52	State estimation for complex networks with randomly occurring coupling delays. <i>Neurocomputing</i> , 2013, 122, 513-520.	5.9	41
53	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.	2.5	41
54	Efficient Model-Predictive Control for Networked Interval Type-2 T-S Fuzzy System With Stochastic Communication Protocol. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 286-297.	9.8	41

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55	Finite-horizon bounded synchronisation and state estimation for discrete-time complex networks: local performance analysis. IET Control Theory and Applications, 2017, 11, 827-837.	2.1	40
56	Networked recursive filtering for time-delayed nonlinear stochastic systems with uniform quantisation under Round-Robin protocol. International Journal of Systems Science, 2019, 50, 871-884.	5.5	40
57	Distributed output feedback MPC with randomly occurring actuator saturation and packet loss. International Journal of Robust and Nonlinear Control, 2016, 26, 3036-3057.	3.7	38
58	Event-triggered control for discrete-time systems with unknown nonlinearities: an interval observer-based approach. International Journal of Systems Science, 2020, 51, 1019-1031.	5.5	37
59	Fault Detection for Fuzzy Systems With Multiplicative Noises Under Periodic Communication Protocols. IEEE Transactions on Fuzzy Systems, 2018, 26, 2384-2395.	9.8	36
60	Set-membership state estimation subject to uniform quantization effects and communication constraints. Journal of the Franklin Institute, 2017, 354, 7012-7027.	3.4	35
61	Set-membership filtering for discrete time-varying nonlinear systems with censored measurements under Round-Robin protocol. Neurocomputing, 2018, 281, 20-26.	5.9	35
62	H_{∞} PID Control With Fading Measurements: The Output-Feedback Case. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2170-2180.	9.3	35
63	Recursive Set-Membership State Estimation Over a FlexRay Network. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3591-3601.	9.3	35
64	H_{∞} analysis of nonlinear stochastic time-delay systems. Chaos, Solitons and Fractals, 2005, 26, 637-647.	5.1	34
65	RMPC-based security problem for polytopic uncertain system subject to deception attacks and persistent disturbances. IET Control Theory and Applications, 2017, 11, 1611-1618.	2.1	33
66	H_{∞} Pinning Control of Complex Dynamical Networks Under Dynamic Quantization Effects: A Coupled Backward Riccati Equation Approach. IEEE Transactions on Cybernetics, 2022, 52, 7377-7387.	9.5	33
67	Finite-Horizon H_{∞} Bipartite Consensus Control of Cooperation-Competition Multiagent Systems With Round-Robin Protocols. IEEE Transactions on Cybernetics, 2021, 51, 3699-3709.	9.5	33
68	A Weightedly Uniform Detectability for Sensor Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5790-5796.	11.3	32
69	Event-based state estimation under constrained bit rate: An encoding-decoding approach. Automatica, 2022, 143, 110421.	5.0	32
70	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
71	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
72	Reliable H_{∞} filtering for discrete piecewise linear systems with infinite distributed delays. International Journal of General Systems, 2014, 43, 346-358.	2.5	29

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73	Distributed H_∞ filtering for a class of sensor networks with uncertain rates of packet losses. <i>Signal Processing</i> , 2014, 104, 143-151.	3.7	29
74	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.	6.9	29
75	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.	3.7	28
76	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.	3.1	26
77	A Gain-Scheduling Approach to Nonfragile H_∞ Fuzzy Control Subject to Fading Channels. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 142-154.	9.8	26
78	Distributed entropy filtering subject to DoS attacks in non-Gauss environments. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 1240-1257.	3.7	26
79	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> , 2023, 34, 786-798.	11.3	26
80	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.	11.3	25
81	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> , 2022, 52, 3704-3713.	9.3	25
82	On Boundedness of Error Covariances for Kalman Consensus Filtering Problems. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 2654-2661.	5.7	24
83	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> , 2022, 30, 63-74.	9.8	24
84	Probability-dependent H_∞ synchronization control for dynamical networks with randomly varying nonlinearities. <i>Neurocomputing</i> , 2014, 133, 369-376.	5.9	23
85	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.	3.4	23
86	Finite-horizon H_∞ -consensus control for multi-agent systems with random parameters: The local condition case. <i>Journal of the Franklin Institute</i> , 2017, 354, 6078-6097.	3.4	23
87	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.	5.5	23
88	Impulsive disturbance on stability analysis of delayed quaternion-valued neural networks. <i>Applied Mathematics and Computation</i> , 2021, 390, 125680.	2.2	23
89	An improved DualGAN for near-infrared image colorization. <i>Infrared Physics and Technology</i> , 2021, 116, 103764.	2.9	22
90	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.	9.3	21

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91	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.	3.7	21
92	Improved ACO-based path planning with rollback and death strategies. <i>Systems Science and Control Engineering</i> , 2018, 6, 102-107.	3.1	20
93	Distributed Set-Membership Fusion Filtering for Nonlinear 2-D Systems Over Sensor Networks: An Encoding-Decoding Scheme. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 416-427.	9.5	20
94	Wireless-sensor-network-based target localization: A semidefinite relaxation approach with adaptive threshold correction. <i>Neurocomputing</i> , 2020, 405, 229-238.	5.9	19
95	Distributed H_∞ consensus filtering for piecewise discrete-time linear systems. <i>Journal of the Franklin Institute</i> , 2015, 352, 2029-2046.	3.4	18
96	Generalized norm for existence, uniqueness and stability of Hopfield neural networks with discrete and distributed delays. <i>Neural Networks</i> , 2020, 128, 288-293.	5.9	18
97	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.	5.9	17
98	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.	3.7	17
99	A Survey on Gain-Scheduled Control and Filtering for Parameter-Varying Systems. <i>Discrete Dynamics in Nature and Society</i> , 2014, 2014, 1-10.	0.9	16
100	H_∞ 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.	2.1	16
101	Event-triggered set-membership filtering for discrete-time memristive neural networks subject to measurement saturation and fadings. <i>Neurocomputing</i> , 2019, 346, 20-29.	5.9	15
102	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> , 2022, 52, 5152-5164.	9.3	15
103	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.	13.1	15
104	Adaptive event-triggered state estimation for large-scale systems subject to deception attacks. <i>Science China Information Sciences</i> , 2022, 65, 1.	4.3	14
105	Sensorless control for the brushless DC motor: an unscented Kalman filter algorithm. <i>Systems Science and Control Engineering</i> , 2015, 3, 8-13.	3.1	13
106	H state estimation for artificial neural networks over redundant channels. <i>Neurocomputing</i> , 2017, 226, 117-125.	5.9	13
107	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.	3.7	13
108	Output-feedback control for stochastic impulsive systems under Round-Robin protocol. <i>Automatica</i> , 2022, 143, 110394.	5.0	13

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109	PID output-feedback control under event-triggered protocol. <i>International Journal of General Systems</i> , 2018, 47, 432-445.	2.5	12
110	Partial-neurons-based state estimation for delayed neural networks with state-dependent noises under redundant channels. <i>Information Sciences</i> , 2021, 547, 931-944.	6.9	11
111	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> , 2022, 52, 4772-4783.	9.3	11
112	Protocol-based H_∞ filtering for piecewise linear systems: A measurement-dependent equivalent reduction approach. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 3163-3178.	3.7	11
113	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.	2.2	11
114	An improved multi-focus image fusion algorithm based on multi-scale weighted focus measure. <i>Applied Intelligence</i> , 2021, 51, 4453-4469.	5.3	11
115	Event-triggered distributed fault detection over sensor networks in finite-frequency domain. <i>IET Control Theory and Applications</i> , 2019, 13, 2261-2269.	2.1	11
116	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	10
117	Robust H_∞ filter for discrete-time linear system with uncertain missing measurements and nonlinearity. <i>IET Signal Processing</i> , 2013, 7, 239-248.	1.5	10
118	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	10
119	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.	3.4	9
120	Reliable fusion estimation over sensor networks with outliers and energy constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 5913-5929.	3.7	9
121	Distributed MPC-based adaptive control for linear systems with unknown parameters. <i>Journal of the Franklin Institute</i> , 2019, 356, 2606-2624.	3.4	9
122	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.	3.7	9
123	Event-Triggered Cost-Guaranteed Control for Linear Repetitive Processes Under Probabilistic Constraints. <i>IEEE Transactions on Automatic Control</i> , 2023, 68, 424-431.	5.7	9
124	Event-based finite-time H_∞ synchronization control for switched complex networks with average dwell time. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 3923-3943.	3.7	9
125	Fault tolerant consensus control of multi-agent systems under dynamic event-triggered mechanisms. <i>ISA Transactions</i> , 2022, 127, 178-187.	5.7	9
126	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> , 2023, 34, 8337-8348.	11.3	9

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127	Speed identification and control for permanent magnet synchronous motor via sliding mode approach. <i>Systems Science and Control Engineering</i> , 2014, 2, 161-167.	3.1	8
128	A Novel Feature Points Tracking Algorithm in Terms of IMU-Aided Information Fusion. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5304-5313.	11.3	8
129	Consensus control of cooperation-competition multi-agent systems with round-robin protocols: A set-membership approach. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 5005-5022.	3.7	8
130	Proportional-Integral Observer Design for Multirate-Networked Systems Under Constrained Bit Rate: An Encoding-Decoding Mechanism. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 4280-4291.	9.5	8
131	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	7
132	A Novel Observability Gramian-Based Fast Covariance Intersection Rule. <i>IEEE Signal Processing Letters</i> , 2018, 25, 1570-1574.	3.6	7
133	Dynamic output-feedback RMPC for systems with polytopic uncertainties under Round-Robin protocol. <i>Journal of the Franklin Institute</i> , 2019, 356, 2421-2439.	3.4	7
134	Finite-Horizon H_{∞} Filtering via a High-Rate Network With the FlexRay Protocol. <i>IEEE Transactions on Automatic Control</i> , 2023, 68, 3596-3603.	5.7	7
135	Deconvolution Filtering for Nonlinear Stochastic Systems with Randomly Occurring Sensor Delays via Probability-Dependent Method. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-12.	0.7	6
136	A Localization and Tracking Approach in NLOS Environment Based on Distance and Angle Probability Model. <i>Sensors</i> , 2019, 19, 4438.	3.8	6
137	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.	1.7	6
138	Finite-horizon H_{∞} consensus control for multi-agent systems under energy constraint. <i>Journal of the Franklin Institute</i> , 2019, 356, 3762-3780.	3.4	6
139	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.	3.7	6
140	Minimal Number of Sensor Nodes for Distributed Kalman Filtering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1778-1786.	9.3	6
141	A Novel Positioning System of UAV Based on IMA-GPS Three-Layer Data Fusion. <i>IEEE Access</i> , 2020, 8, 158449-158458.	4.2	5
142	PD-type h_2 -norm Intermittent Pinning Synchronization Control of Discrete Time-delay Nonlinear Dynamical Networks. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 2027-2037.	2.7	5
143	h_2 -norm 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.	3.7	5
144	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.	4.1	5

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145	Consensus-based unscented Kalman filter for sensor networks with sensor saturations. , 2014, , .		4
146	Kalman-type recursive filtering for stochastic nonlinear time-delay systems with randomly occurring deception attacks. , 2017, , .		4
147	Finite-time control in probability for time-varying systems with measurement censoring. Journal of the Franklin Institute, 2019, 356, 1677-1694.	3.4	4
148	Variance-constrained H ∞ synchronization control of discrete time-delayed complex dynamical networks: An intermittent pinning approach. Asian Journal of Control, 2020, , .	3.0	4
149	Dwell-time-based energy scheduling and distributed control for large-scale nonlinear systems under Round-Robin protocol. Nonlinear Dynamics, 2020, 102, 1643-1656.	5.2	4
150	Interval Estimation for Discrete Sequential Systems Under Round-robin Protocol. International Journal of Control, Automation and Systems, 2021, 19, 318-328.	2.7	4
151	Distributed cubature Kalman filtering for nonlinear systems with stochastic communication protocol. Asian Journal of Control, 2022, 24, 3566-3579.	3.0	4
152	Distributed recursive filtering under random access protocols: A multirate strategy. International Journal of Robust and Nonlinear Control, 2022, 32, 7132-7148.	3.7	4
153	Target Location Method Based on Compressed Sensing in Hidden Semi Markov Model. Electronics (Switzerland), 2022, 11, 1715.	3.1	4
154	Nonfragile Gain-Scheduled Control for Discrete-Time Stochastic Systems with Randomly Occurring Sensor Saturations. Abstract and Applied Analysis, 2013, 2013, 1-10.	0.7	3
155	Fault detection for discrete piecewise linear systems with infinite distributed time-delays. International Journal of Systems Science, 2017, 48, 3431-3439.	5.5	3
156	Resilient, "2- α ," filtering with dwell-time-based communication scheduling. Nonlinear Analysis: Hybrid Systems, 2020, 37, 100901.	3.5	3
157	A dual-mode automatic switching feature points matching algorithm fusing IMU data. Measurement: Journal of the International Measurement Confederation, 2021, 185, 110043.	5.0	3
158	Membership-function-dependent model predictive control for nonlinear systems in a piecewise-fuzzy framework. Fuzzy Sets and Systems, 2022, 443, 308-323.	2.7	3
159	Protocol-based control for nonlinear systems with environment-dependent energy harvesting sensors: An average dwell-time method. Nonlinear Analysis: Hybrid Systems, 2022, 46, 101241.	3.5	3
160	Scale-corrected minimal skew simplex sampling UKF for BLDCM sensorless control. Systems Science and Control Engineering, 2015, 3, 340-350.	3.1	2
161	Protocol-based collaborative design for discrete-time switched systems with sojourn probabilities. International Journal of Robust and Nonlinear Control, 2020, 30, 8044-8059.	3.7	2
162	Nonlinear Filtering Under Stochastic Communication Protocol with Unknown Scheduling Probability. International Journal of Control, Automation and Systems, 2021, 19, 3343-3353.	2.7	2

#	ARTICLE	IF	CITATIONS
163	Uniform Detectability-Aided Boundedness Analysis of Error Covariances of Kalman Filter for Time-Varying Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4798-4806.	9.3	2
164	Event-triggered Fusion Estimation for Nonlinear Stochastic System with Unknown Parameters and Transmission Fading Over Sensor Networks. International Journal of Control, Automation and Systems, 2022, 20, 1405-1417.	2.7	2
165	Recursive filtering with randomly occurring false data injection attacks. , 2016, , .		1
166	Non-fragile " control for discrete-time stochastic nonlinear systems under event-triggered protocols. International Journal of General Systems, 2018, 47, 446-459.	2.5	1
167	Calibration method of anchor position in indoor environment based on two-step extended Kalman filter. Multidimensional Systems and Signal Processing, 2021, 32, 1141-1158.	2.6	1
168	Asynchronous partially mode-dependent control for switched larger-scale nonlinear systems with bounded sojourn time. Applied Mathematics and Computation, 2022, 418, 126809.	2.2	1
169	Error-constrained tracking control for nonlinear systems with incomplete measurements and non-Gaussian noises. , 2011, , .		0
170	Filtering for discrete piecewise linear systems with infinite distributed delays. , 2014, , .		0
171	Filtering and Control for Unreliable Communication: The Discrete-Time Case. Discrete Dynamics in Nature and Society, 2014, 2014, 1-3.	0.9	0
172	Filtering and Control for Unreliable Communication 2015. Discrete Dynamics in Nature and Society, 2015, 2015, 1-3.	0.9	0
173	Event-triggered variance-constrained finite-horizon state estimation for discrete-time systems with redundant channels. , 2017, , .		0
174	H_{∞} finite-horizon filtering for discrete piecewise linear systems with infinite distributed delays and quantization effect. , 2017, , .		0
175	Variance-constrained H_{∞} filtering for stochastic parameter systems under event-triggered protocol. , 2017, , .		0
176	Observer-Based PID Control under an Event-Triggered Protocol. , 2018, , .		0
177	Pinning Synchronization Control for a Class of Dynamical Networks with Coupled Time-Varying Delays: An Interval-Observer-Based Approach. Circuits, Systems, and Signal Processing, 2021, 40, 154-173.	2.0	0
178	Resilient distributed MPC for systems under synchronous round-robin scheduling. Journal of the Franklin Institute, 2021, 358, 1957-1983.	3.4	0
179	Unscented Tobit Kalman filtering for switched nonlinear systems with censored measurement. Applied Mathematics and Computation, 2022, 431, 127327.	2.2	0