

# Guang-Hong Yang

## List of Publications by Year in descending order

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751  
papers

26,583  
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12781

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docs citations

753  
times ranked

8198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Based Remote State Estimation for Nonlinear Systems: A Box Particle Filtering Method. IEEE Transactions on Cybernetics, 2024, 54, 2472-2482.	10.1	2
2	Distributed Event-Triggered Algorithm Designs for Resource Allocation Problems via a Universal Scalar Function-Based Analysis. IEEE Transactions on Cybernetics, 2024, 54, 2224-2234.	10.1	1
3	Fuzzy Adaptive Finite-Time Resilient Control Against Unknown False Data Injection Attacks for MIMO Nonlinear Switched Systems With Unknown Dead Zone. IEEE Transactions on Cybernetics, 2024, 54, 586-598.	10.1	9
4	Trust-Based Distributed Secure State Estimation Against Malicious Agents via Two-Hop Communication. IEEE Transactions on Automatic Control, 2024, 69, 1006-1013.	6.0	2
5	Event-Triggered Reference Governors for Collisions-Free Leader-Following Coordination Under Unreliable Communication Topologies. IEEE Transactions on Automatic Control, 2024, 69, 2116-2130.	6.0	29
6	Secure Bearing-Based Target Localization for Multi-Agent Networks Against Malicious Agents. IEEE Transactions on Automation Science and Engineering, 2024, , 1-14.	5.7	2
7	Distributed energy resource coordination for a microgrid over unreliable communication network with DoS attacks. International Journal of Systems Science, 2024, 55, 237-252.	5.6	3
8	Adaptive Memory-Event-Triggered Fault Detection for Interval Type-2 Fuzzy Markov Jump Systems With Sensor Saturation. IEEE Transactions on Fuzzy Systems, 2024, 32, 2089-2101.	10.5	0
9	Secure State Estimation for Train-to-Train Communication Systems: A Neural Network-Aided Robust EKF Approach. IEEE Transactions on Industrial Electronics, 2024, 71, 13092-13102.	8.2	1
10	Historical Data-Based Stealthy Attack Design on Cyber-Physical Systems Under Kullback-Leibler Divergence. IEEE Transactions on Industrial Informatics, 2024, 20, 6664-6672.	12.0	0
11	Reinforcement-Learning-Based Fuzzy Adaptive Finite-Time Optimal Resilient Control for Large-Scale Nonlinear Systems Under False Data Injection Attacks. IEEE Transactions on Fuzzy Systems, 2024, 32, 2483-2495.	10.5	1
12	Optimal Transmission Scheduling for Two-hop Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, , 1-1.	3.2	0
13	Anti-Watermarking Stealthy Deception Attacks Against Networked Unmanned Surface Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2024, , 1-6.	8.4	0
14	Sensor Transmission Scheduling Over a Time-Varying Channel. IEEE Transactions on Industrial Informatics, 2024, , 1-7.	12.0	0
15	Collisions-Free Distributed Cooperative Output Regulation of Nonlinear Multi-Agent Systems. IEEE Transactions on Automatic Control, 2024, , 1-8.	6.0	0
16	Attack Detection From the Perspectives of Control Center and Controlled Systems. IEEE Transactions on Automatic Control, 2024, , 1-12.	6.0	0
17	Distributed Privacy-Preserving Estimation for Multi-Area Power Systems With Multichannel Event-Triggered Mechanisms. IEEE Transactions on Automation Science and Engineering, 2024, , 1-9.	5.7	0
18	Distributed Secure State Estimation for Cyber-Physical Systems Under False Data Injection Attacks. IEEE Transactions on Network Science and Engineering, 2024, , 1-12.	6.8	0

#	ARTICLE	IF	CITATIONS
19	Optimal Intermittent Deception Attacks With Energy Constraints for Cyber-Physical Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, , 1-12.	9.7	0
20	Secure State Estimation of Nonlinear Cyber-Physical Systems Against DoS Attacks: A Multiobserver Approach. IEEE Transactions on Cybernetics, 2023, 53, 1447-1459.	10.1	22
21	Statistical Diagnosis for Quality-Related Faults in BIW Assembly Process. IEEE Transactions on Industrial Electronics, 2023, 70, 898-906.	8.2	5
22	Statistical-Based Optimal $\epsilon$ -Stealthy Attack Under Stochastic Communication Protocol: An Application to Networked Permanent Magnet Synchronous Machine Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 1036-1046.	8.2	10
23	Distributed Fixed-Time Optimal Resource Management for Microgrids. IEEE Transactions on Automation Science and Engineering, 2023, 20, 404-412.	5.7	12
24	Protocol-Based Optimal Stealthy Data-Injection Attacks via Compromised Sensors in Cyber-Physical Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 2907-2915.	8.2	9
25	Optimal Stealthy Attacks on Industrial Cyber Physical Systems Under Random Access Protocol. IEEE Transactions on Industrial Informatics, 2023, 19, 2340-2350.	12.0	2
26	A Multigain-Switching-Mechanism-Based Secure Estimation Scheme Against DoS Attacks for Nonlinear Industrial Cyber-Physical Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 5094-5103.	8.2	3
27	Optimal Stealthy Attack on Cyber-Physical Systems and Its Application to a Networked PMSM System. IEEE Transactions on Industrial Electronics, 2023, 70, 6295-6304.	8.2	1
28	Distributed Optimization of Uncertain Multiagent Systems With Disturbances and Actuator Faults via Exosystem Observer-Based Output Regulation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2023, 70, 897-909.	5.8	14
29	An Intrusion Detection Method Based on Self-Generated Coding Technology for Stealthy False Data Injection Attacks in Train-Ground Communication Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 8468-8476.	8.2	10
30	A Hierarchical Quality-Related Fault Diagnosis Method for Nonlinear Industrial Systems. IEEE Transactions on Industrial Informatics, 2023, 19, 8396-8405.	12.0	1
31	Detection and Identification of Sparse Sensor Attacks in Cyber-Physical Systems With Side Information. IEEE Transactions on Automatic Control, 2023, 68, 5349-5364.	6.0	6
32	A Stacking Learning Data-Driven Method for Nonlinear KPI-Related Fault Detection. IEEE Transactions on Circuits and Systems II: Express Briefs, 2023, 70, 2102-2106.	3.2	2
33	Secure State Estimation Under Sparse Sensor Attacks Via Saturating Adaptive Technique. IEEE Transactions on Control of Network Systems, 2023, 10, 1890-1898.	4.0	4
34	A Polynomial-Time Algorithm for the Secure State Estimation Problem Under Sparse Sensor Attacks via State Decomposition Technique. IEEE Transactions on Automatic Control, 2023, 68, 7451-7465.	6.0	3
35	Distributed Event-Triggered Economic Environmental Resource Management for Islanded Microgrids Under DoS Attacks. IEEE Transactions on Automation Science and Engineering, 2023, , 1-12.	5.7	0
36	Event-Triggered Distributed State Estimation for Cyber-Physical Systems Under DoS Attacks. IEEE Transactions on Cybernetics, 2022, 52, 3620-3631.	10.1	38

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37	Supervisory Nonlinear State Observers for Adversarial Sparse Attacks. IEEE Transactions on Cybernetics, 2022, 52, 1575-1587.	10.1	10
38	Optimal Stealth Attack Strategy Design for Linear Cyber-Physical Systems. IEEE Transactions on Cybernetics, 2022, 52, 472-480.	10.1	9
39	Secure State Estimation With Switched Compensation Mechanism Against DoS Attacks. IEEE Transactions on Cybernetics, 2022, 52, 9609-9620.	10.1	22
40	Event-Triggered Feedforward Predictive Control for Dimension Quality Optimization in BIW Assembly Process. IEEE Transactions on Industrial Informatics, 2022, 18, 1083-1090.	12.0	6
41	Resilient Event-Triggered Distributed State Estimation for Nonlinear Systems Against DoS Attacks. IEEE Transactions on Cybernetics, 2022, 52, 9076-9089.	10.1	29
42	Remote State Estimation for Nonlinear Systems via a Fading Channel: A Risk-Sensitive Approach. IEEE Transactions on Cybernetics, 2022, 52, 10253-10262.	10.1	4
43	Kullback-Leibler Divergence-Based Optimal Stealthy Sensor Attack Against Networked Linear Quadratic Gaussian Systems. IEEE Transactions on Cybernetics, 2022, 52, 11539-11548.	10.1	45
44	Collisions-Free Distributed Optimal Coordination for Multiple Euler-Lagrangian Systems. IEEE Transactions on Automatic Control, 2022, 67, 460-467.	6.0	46
45	Distributed Fuzzy Adaptive Output-Feedback Control of Unknown Nonlinear Multiagent Systems in Strict-Feedback Form. IEEE Transactions on Cybernetics, 2022, 52, 5607-5617.	10.1	18
46	Distributed Optimization of High-Order Nonlinear Systems: Saving Computation and Communication via Prefiltering. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1144-1148.	3.2	14
47	Distributed Sparse Undetectable Attacks Against State Estimation. IEEE Transactions on Control of Network Systems, 2022, 9, 463-473.	4.0	7
48	Kullback-Leibler-Divergence-Based Attacks Against Remote State Estimation in Cyber-Physical Systems. IEEE Transactions on Industrial Electronics, 2022, 69, 5353-5363.	8.2	23
49	Optimal Steady-State Regulator Design for a Class of Nonlinear Systems With Arbitrary Relative Degree. IEEE Transactions on Cybernetics, 2022, 52, 4728-4740.	10.1	5
50	Distributed Model Reference Adaptive Optimization of Disturbed Multiagent Systems With Intermittent Communications. IEEE Transactions on Cybernetics, 2022, 52, 5464-5473.	10.1	60
51	Event-Triggered Distributed State Estimation for Multiagent Systems Under DoS Attacks. IEEE Transactions on Cybernetics, 2022, 52, 6901-6910.	10.1	32
52	Secure Adaptive Trajectory Tracking Control for Nonlinear Robot Systems Under Multiple Dynamic Obstacles: Safety Barrier Certificates. IEEE Transactions on Industrial Electronics, 2022, 69, 11549-11559.	8.2	13
53	Malicious adversaries against secure state estimation: Sparse sensor attack design. Automatica, 2022, 136, 110037.	5.2	9
54	Distributed Optimal Coordination for Heterogeneous Linear Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 6850-6857.	6.0	39

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55	An adaptive cubature Kalman filter for nonlinear systems against randomly occurring injection attacks. Applied Mathematics and Computation, 2022, 418, 126834.	2.3	8
56	Robust Filtering for Fuzzy Systems With Bounded Disturbances via Premise-Region-Dependent Event-Triggered Mechanisms. IEEE Transactions on Fuzzy Systems, 2022, 30, 4093-4101.	10.5	7
57	Data-Based Distributed Sensor Scheduling for Multiple Linear Systems With $H_\infty$ Performance Preservation. IEEE Transactions on Automatic Control, 2022, 67, 6834-6841.	6.0	2
58	Enhancement of opacity for distributed state estimation in cyber-physical systems. Automatica, 2022, 136, 110087.	5.2	27
59	Distributed multi-rate sampled-data consensus filtering for cyber-physical systems under denial-of-service attacks. Information Sciences, 2022, 587, 607-625.	7.2	17
60	Dynamic Reduced-Order Observer-Based Detection of False Data Injection Attacks With Application to Smart Grid Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 6712-6722.	12.0	24
61	Distributed Optimal Energy Management for Integrated Energy Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 6569-6580.	12.0	30
62	Optimal completely stealthy attacks against remote estimation in cyber-physical systems. Information Sciences, 2022, 590, 15-28.	7.2	24
63	Piecewise Attack Strategy Design for $T^S$ Fuzzy Cyber-Physical Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6477-6486.	9.7	10
64	False Data Injection Attacks Against State Estimation Without Knowledge of Estimators. IEEE Transactions on Automatic Control, 2022, 67, 4529-4540.	6.0	32
65	Long-term co-exposure DBP and BaP causes imbalance in liver macrophages polarization via activation of Notch signaling regulated by miR-34a-5p in rats. Chemico-Biological Interactions, 2022, 359, 109919.	4.2	10
66	Event-triggered remote state estimation for cyber-physical systems under malicious DoS attacks. Information Sciences, 2022, 602, 43-56.	7.2	28
67	Sampled-data distributed state estimation with multiple transmission channels under denial-of-service attacks. Applied Mathematics and Computation, 2022, 429, 127229.	2.3	1
68	Fast state estimation under sensor attacks: A sensor categorization approach. Automatica, 2022, 142, 110395.	5.2	4
69	Optimal innovation-based deception attacks with side information against remote state estimation in cyber-physical systems. Neurocomputing, 2022, 500, 461-470.	6.2	6
70	Event-Driven Fault Detection for Discrete-Time Interval Type-2 Fuzzy Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4959-4968.	9.7	41
71	Event-Triggered Controller Design With Varying Gains for $T^S$ Fuzzy Systems. IEEE Transactions on Cybernetics, 2021, 51, 4125-4133.	10.1	13
72	A Dynamic Event-Triggered Control Approach to Leader-Following Consensus for Linear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6271-6279.	9.7	56

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73	Stability Analysis for Cyber-Physical Systems Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2021, 51, 5304-5313.	10.1	41
74	Event-Triggered Fault Detection Observer Design for T&S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 2532-2542.	10.5	33
75	Distributed Composite Optimization Over Relay-Assisted Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6587-6598.	9.7	1
76	Event-Triggered Prescribed Performance Control for a Class of Unknown Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6576-6586.	9.7	33
77	Neural Learning-Based Fixed-Time Consensus Tracking Control for Nonlinear Multiagent Systems With Directed Communication Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 639-652.	12.6	31
78	Optimal Transmission Power Scheduling of Networked Control Systems Via Fuzzy Adaptive Dynamic Programming. IEEE Transactions on Fuzzy Systems, 2021, 29, 1629-1639.	10.5	18
79	Event-Triggered Optimal Dynamic Formation of Heterogeneous Affine Nonlinear Multiagent Systems. IEEE Transactions on Automatic Control, 2021, 66, 497-512.	6.0	64
80	Multiple Environment Integral Reinforcement Learning-Based Fault-Tolerant Control for Affine Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 1913-1928.	10.1	51
81	Distributed Robust Adaptive Optimization for Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1046-1053.	9.7	20
82	Adaptive Fuzzy Output Feedback Fault-Tolerant Compensation for Uncertain Nonlinear Systems With Infinite Number of Time-Varying Actuator Failures and Full-State Constraints. IEEE Transactions on Cybernetics, 2021, 51, 568-578.	10.1	49
83	Resilient observer-based control for cyber-physical systems under denial-of-service attacks. Information Sciences, 2021, 545, 102-117.	7.2	35
84	Distributed Secure State Estimation in the Presence of Malicious Agents. IEEE Transactions on Automatic Control, 2021, 66, 2875-2882.	6.0	11
85	Distributed Optimization Under Unbalanced Digraphs With Node Errors: Robustness of Surplus-Based Dual Averaging Algorithm. IEEE Transactions on Control of Network Systems, 2021, 8, 331-341.	4.0	8
86	Fault detection in finite frequency domain for T-S fuzzy systems with partly unmeasurable premise variables. Fuzzy Sets and Systems, 2021, 421, 158-177.	3.0	16
87	Optimal sensor attacks in cyber-physical systems with Round-Robin protocol. Information Sciences, 2021, 548, 85-100.	7.2	24
88	Adaptive fault estimation for cyber-physical systems with intermittent DoS attacks. Information Sciences, 2021, 547, 746-762.	7.2	29
89	Optimal stealthy switching location attacks against remote estimation in cyber-physical systems. Neurocomputing, 2021, 421, 183-194.	6.2	8
90	Optimal Stealthy Innovation-Based Attacks With Historical Data in Cyber-Physical Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3401-3411.	9.7	54

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91	Event-Triggered H <sub>∞</sub> Control for T <sup>s</sup> Fuzzy Systems via New Asynchronous Premise Reconstruction Approach. IEEE Transactions on Cybernetics, 2021, 51, 3062-3070.	10.1	19
92	ISS control synthesis of T <sup>s</sup> fuzzy systems with multiple transmission channels under denial of service. Journal of the Franklin Institute, 2021, 358, 3010-3032.	3.7	14
93	Distributed unscented Kalman filtering for nonlinear systems: A mixed event-triggered strategy. International Journal of Robust and Nonlinear Control, 2021, 31, 4647-4663.	3.8	11
94	Distributed Optimal Economic Environmental Dispatch for Microgrids Over Time-Varying Directed Communication Graph. IEEE Transactions on Network Science and Engineering, 2021, 8, 1913-1924.	6.8	56
95	Remote observer-based robust control for cyber-physical systems under asynchronous DoS attacks: an intelligent approach. International Journal of Systems Science, 2021, 52, 3511-3525.	5.6	3
96	Switching resilient control scheme for cyber-physical systems against DoS attacks. Journal of the Franklin Institute, 2021, 358, 4257-4276.	3.7	22
97	Byzantine-resilient distributed state estimation: A min-switching approach. Automatica, 2021, 129, 109664.	5.2	49
98	Noise covariance estimation for networked linear systems under random access protocol scheduling. Neurocomputing, 2021, 455, 68-77.	6.2	7
99	Man-in-the-middle attack against cyber-physical systems under random access protocol. Information Sciences, 2021, 576, 708-724.	7.2	25
100	Multi-sensor Kalman filtering over packet-dropping networks subject to Round-Robin protocol scheduling. Journal of the Franklin Institute, 2021, 358, 7938-7954.	3.7	16
101	The role of H3K9me2-regulated base excision repair genes in the repair of DNA damage induced by arsenic in HaCaT cells and the effects of Ginkgo biloba extract intervention. Environmental Toxicology, 2021, 36, 850-860.	4.1	11
102	Distributed Fault Detection and Isolation for Multiagent Systems: An Interval Observer Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2220-2230.	9.7	82
103	Event-Triggered Adaptive Output Feedback Control for a Class of Uncertain Nonlinear Systems With Actuator Failures. IEEE Transactions on Cybernetics, 2020, 50, 201-210.	10.1	142
104	Fuzzy Adaptive Quantized Fault-Tolerant Control of Strict-Feedback Nonlinear Systems With Mismatched External Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3424-3434.	9.7	55
105	Distributed Event-Triggered $H_{\infty}$ Filtering for Discrete-Time T <sup>s</sup> Fuzzy Systems Over Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3269-3280.	9.7	37
106	Observer-Based Adaptive Fuzzy Decentralized Event-Triggered Control of Interconnected Nonlinear System. IEEE Transactions on Cybernetics, 2020, 50, 3104-3112.	10.1	70
107	Adaptive Observer-Based Fault-Tolerant Tracking Control for T <sup>s</sup> Fuzzy Systems With Mismatched Faults. IEEE Transactions on Fuzzy Systems, 2020, 28, 134-147.	10.5	34
108	Resilient Observer-Based Control for Cyber-Physical Systems With Multiple Transmission Channels Under Denial-of-Service. IEEE Transactions on Cybernetics, 2020, 50, 4796-4807.	10.1	46

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109	Fuzzy adaptive fault-tolerant control of multi-agent systems with interactions between physical coupling graph and communication graph. <i>Fuzzy Sets and Systems</i> , 2020, 385, 20-38.	3.0	17
110	Event-Triggered Control for Tâ€™S Fuzzy Systems Under Asynchronous Network Communications. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 390-399.	10.5	46
111	Low-Computation Adaptive Fuzzy Tracking Control of Unknown Nonlinear Systems With Unmatched Disturbances. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 321-332.	10.5	26
112	Global Adaptive Fuzzy Distributed Tracking Control for Interconnected Nonlinear Systems With Communication Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 333-345.	10.5	17
113	$H_{\infty}$ Observer Design for Fuzzy System With Immeasurable State Variables via a New Lyapunov Function. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 236-245.	10.5	16
114	Fault-Tolerant Consensus Tracking Control for Linear Multiagent Systems Under Switching Directed Network. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1921-1930.	10.1	266
115	Prescribed Performance-Based Consensus of Nonlinear Multiagent Systems With Unknown Control Directions and Switching Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 609-616.	9.7	57
116	Adaptive Fault-Tolerant Compensation Control for Tâ€™S Fuzzy Systems With Mismatched Parameter Uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 3412-3423.	9.7	17
117	Fault Detection Approaches for Fuzzy Large-Scale Systems With Unknown Membership Functions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 3333-3343.	9.7	11
118	Fault-tolerant output-constrained control of unknown Eulerâ€™Lagrange systems with prescribed tracking accuracy. <i>Automatica</i> , 2020, 111, 108606.	5.2	127
119	Secure State Estimation for Multiagent Systems With Faulty and Malicious Agents. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 3471-3485.	6.0	42
120	Adaptive fuzzy fault compensation tracking control for uncertain nonlinear systems with multiple sensor faults. <i>Fuzzy Sets and Systems</i> , 2020, 392, 46-59.	3.0	21
121	Cooperative attack strategy design via $H_{\infty}$ / $H_2$ scheme for linear cyberâ€“physical systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 33-50.	3.8	9
122	Adaptive Fuzzy Fault-Tolerant Control of Uncertain Eulerâ€™Lagrange Systems With Process Faults. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2619-2630.	10.5	30
123	False data injection attacks against state estimation in the presence of sensor failures. <i>Information Sciences</i> , 2020, 508, 92-104.	7.2	45
124	Fuzzy Descriptor Sliding Mode Observer Design: A Canonical Form-Based Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2048-2062.	10.5	35
125	Distributed optimization for a class of uncertain MIMO nonlinear multi-agent systems with arbitrary relative degree. <i>Information Sciences</i> , 2020, 506, 58-77.	7.2	24
126	Event-Triggered Consensus of Linear Multiagent Systems With Time-Varying Communication Delays. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2916-2925.	10.1	143

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127	Fault-Estimation-Based Output-Feedback Adaptive FTC for Uncertain Nonlinear Systems With Actuator Faults. IEEE Transactions on Industrial Electronics, 2020, 67, 3065-3075.	8.2	61
128	Opacity Enforcement for Confidential Robust Control in Linear Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2020, 65, 1234-1241.	6.0	34
129	Event-Triggered Global Finite-Time Control for a Class of Uncertain Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 1340-1347.	6.0	121
130	Fault-Tolerant Fixed-Time Trajectory Tracking Control of Autonomous Surface Vessels With Specified Accuracy. IEEE Transactions on Industrial Electronics, 2020, 67, 4889-4899.	8.2	86
131	Malicious Attacks on State Estimation Against Distributed Control Systems. IEEE Transactions on Automatic Control, 2020, 65, 3911-3918.	6.0	29
132	Observer-Based Control for Cyber-Physical Systems Under Denial-of-Service With a Decentralized Event-Triggered Scheme. IEEE Transactions on Cybernetics, 2020, 50, 4886-4895.	10.1	80
133	Adaptive control for nonlinear cyber-physical systems under false data injection attacks through sensor networks. International Journal of Robust and Nonlinear Control, 2020, 30, 65-79.	3.8	104
134	Cooperative adaptive fault-tolerant control for multi-agent systems with deception attacks. Journal of the Franklin Institute, 2020, 357, 3419-3433.	3.7	83
135	Asynchronous fault detection observer design for discrete-time piecewise linear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 1564-1581.	3.8	4
136	Worst-case $\mu$ -stealthy false data injection attacks in cyber-physical systems. Information Sciences, 2020, 515, 352-364.	7.2	22
137	Adaptive sensor and actuator failure compensation for $H_\infty$ static output control of linear systems: a new Lyapunov function method. International Journal of Systems Science, 2020, 51, 146-157.	5.6	5
138	Optimal deception attacks against remote state estimation in cyber-physical systems. Journal of the Franklin Institute, 2020, 357, 1832-1852.	3.7	30
139	Stabilization of switched systems with all modes unstable via periodical switching laws. Automatica, 2020, 122, 109150.	5.2	38
140	Data-driven fault detection for linear systems: A $q$ -step residual iteration approach. International Journal of Robust and Nonlinear Control, 2020, 30, 5341-5355.	3.8	3
141	Resilient decentralized sampled-data $H_\infty$ filter design for linear interconnected systems subject to denial-of-service attacks. Information Sciences, 2020, 538, 467-485.	7.2	13
142	Obstacle-Avoidance Distributed Optimal Coordination of Multiple Euler-Lagrangian Systems. , 2020, , .		1
143	DNMT1-mediated Foxp3 gene promoter hypermethylation involved in immune dysfunction caused by arsenic in human lymphocytes. Toxicology Research, 2020, 9, 519-529.	2.2	6
144	Balanced truncation of linear time-invariant systems over finite-frequency ranges. Advances in Computational Mathematics, 2020, 46, 1.	1.6	8

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145	Adaptive Secure State Estimation for Cyber-Physical Systems With Low Memory Cost. IEEE Transactions on Control of Network Systems, 2020, 7, 1621-1632.	4.0	4
146	Differentially private distributed optimization for multi-agent systems via the augmented Lagrangian algorithm. Information Sciences, 2020, 538, 39-53.	7.2	16
147	Histone demethylase JHDM2A regulates H3K9 dimethylation in response to arsenic-induced DNA damage and repair in normal human liver cells. Journal of Applied Toxicology, 2020, 40, 1661-1672.	2.9	10
148	Distributed Learning Over Networks: Effect of Using Historical Observations. IEEE Transactions on Automatic Control, 2020, 65, 5503-5509.	6.0	8
149	Fault estimation for fractional-order linear systems with polytopic uncertainties in the finite frequency domain. International Journal of Systems Science, 2020, 51, 389-403.	5.6	3
150	Supervisory switching-based prescribed performance control of unknown nonlinear systems against actuator failures. International Journal of Robust and Nonlinear Control, 2020, 30, 2367-2385.	3.8	22
151	Adaptive fault-tolerant control for nonlinear multi-agent systems with DoS attacks. Information Sciences, 2020, 526, 39-53.	7.2	69
152	Malicious attack design for cyber physical systems: a novel sparse sensor attack strategy. , 2020, , .		0
153	Data-Driven Methods for Stealthy Attacks on TCP/IP-Based Networked Control Systems Equipped With Attack Detectors. IEEE Transactions on Cybernetics, 2019, 49, 3020-3031.	10.1	44
154	Consensus Control of a Class of Uncertain Nonlinear Multiagent Systems via Gradient-Based Algorithms. IEEE Transactions on Cybernetics, 2019, 49, 2085-2094.	10.1	38
155	Data-Based Fault-Tolerant Consensus Control for Uncertain Multiagent Systems Via Weighted Edge Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2548-2558.	9.7	38
156	Data-Driven Approach to Accommodating Multiple Simultaneous Sensor Faults in Variable-Gain PID Systems. IEEE Transactions on Industrial Electronics, 2019, 66, 3117-3126.	8.2	18
157	Model-Free Fault Tolerant Control for a Class of Complex Dynamical Networks With Derivative Couplings. IEEE Transactions on Cybernetics, 2019, 49, 3482-3493.	10.1	11
158	Fault detection for T&S fuzzy systems with past output measurements. Fuzzy Sets and Systems, 2019, 365, 98-115.	3.0	19
159	Adaptive Fault Estimation for T&S Fuzzy Interconnected Systems Based on Persistent Excitation Condition via Reference Signals. IEEE Transactions on Cybernetics, 2019, 49, 2822-2834.	10.1	54
160	Fixed-time fault-tolerant consensus control for multi-agent systems with mismatched disturbances. Neurocomputing, 2019, 366, 154-160.	6.2	25
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