

Bin Jiang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fixed-Time Fault Estimation and Prescribed Performance Fault-Tolerant Control for Interconnected Systems. IEEE Transactions on Cybernetics, 2024, 54, 1084-1095.	9.5	4
2	Fault Detection and Diagnosis Using Statistic Feature and Improved Broad Learning for Traction Systems in High-Speed Trains. IEEE Transactions on Artificial Intelligence, 2023, 4, 679-688.	4.7	4
3	Fixed-Time Fault-Tolerant Formation Control for a Cooperative Heterogeneous Multiagent System With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 462-474.	9.3	11
4	Data-Driven Fault Diagnosis for Traction Systems in High-Speed Trains: A Survey, Challenges, and Perspectives. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1700-1716.	8.0	244
5	Composite Adaptive Disturbance Observer-Based Decentralized Fractional-Order Fault-Tolerant Control of Networked UAVs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 799-813.	9.3	45
6	Incipient Fault Diagnosis for High-Speed Train Traction Systems via Stacked Generalization. IEEE Transactions on Cybernetics, 2022, 52, 7624-7633.	9.5	32
7	Reduction of Torque Ripple and Rotor Eddy Current Losses by Closed Slots Design in a High-Speed PMSM for EHA Applications. IEEE Transactions on Magnetics, 2022, 58, 1-6.	2.1	13
8	Hierarchical Structure-Based Fault-Tolerant Tracking Control of Multiple 3-DOF Laboratory Helicopters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4247-4258.	9.3	8
9	Adaptive actuator fault-tolerant control for non-minimum phase air-breathing hypersonic vehicle model. ISA Transactions, 2022, 126, 47-64.	5.7	8
10	Decentralised state feedback stabilisation for nonlinear interconnected systems using sliding mode control*. International Journal of Systems Science, 2022, 53, 1017-1030.	5.5	5
11	Distributed adaptive fault-tolerant supervisory control for leader-following systems with actuator faults. International Journal of Systems Science, 2022, 53, 967-981.	5.5	2
12	Distributed fault-tolerant time-varying formation control of heterogeneous multi-agent systems. International Journal of Robust and Nonlinear Control, 2022, 32, 2864-2882.	3.7	15
13	Distributed Fault-Tolerant Consensus Tracking of Multi-Agent Systems Under Cyber-Attacks. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1037-1048.	13.1	14
14	Cooperative fault estimation for a class of heterogeneous multi-agents with stochastic nonlinearities based on finite impulse response filter. International Journal of Robust and Nonlinear Control, 2022, 32, 4696-4715.	3.7	3
15	Robust ADP-Based Sliding-Mode Fault-Tolerant Control for Nonlinear Systems with Application to Spacecraft. Applied Sciences (Switzerland), 2022, 12, 1673.	2.5	10
16	Enhanced Recurrent Fuzzy Neural Fault-Tolerant Synchronization Tracking Control of Multiple Unmanned Airships via Fractional Calculus and Fixed-Time Prescribed Performance Function. IEEE Transactions on Fuzzy Systems, 2022, 30, 4515-4529.	9.8	13
17	Unknown Input Observer-based Distributed Fault Estimation of Discrete-time Nonlinear Interconnected Systems. International Journal of Control, Automation and Systems, 2022, 20, 803-812.	2.7	2
18	Distributed adaptive fault-tolerant formation control for heterogeneous multiagent systems under switching directed topologies. Journal of the Franklin Institute, 2022, 359, 3366-3388.	3.4	12

#	ARTICLE	IF	CITATIONS
19	Intelligent Discrete Sliding Mode Predictive Fault-Tolerant Control Method for Multi-Delay Quad-Rotor UAV System Based on DIECOA. Aerospace, 2022, 9, 207.	2.2	2
20	Adaptive Fault-Tolerant Control of Heterogeneous Multi-Agent Systems with Actuator Faults. , 2022, , .		0
21	Fixed-time Fault Estimation Observer Design for Interconnected Systems. , 2022, , .		1
22	A Comprehensive Review on Signal-Based and Model-Based Condition Monitoring of Wind Turbines: Fault Diagnosis and Lifetime Prognosis. Proceedings of the IEEE, 2022, 110, 754-806.	21.3	43
23	Adaptive fault-tolerant attitude control for hypersonic reentry vehicle subject to complex uncertainties. Journal of the Franklin Institute, 2022, 359, 5458-5487.	3.4	7
24	Virtual-Sensor-Based Model-Free Adaptive Fault-Tolerant Constrained Control for Discrete-Time Nonlinear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 4191-4202.	5.4	6
25	Distributed Adaptive Fault-Tolerant Formation Control for Heterogeneous Multiagent Systems With Communication Link Faults. IEEE Transactions on Aerospace and Electronic Systems, 2022, , 1-11.	4.7	7
26	Adaptive Compensation of Persistent Actuator Failures Using Control-Separation-Based LQ Design. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5030-5045.	9.3	7
27	A Novel Multi-Agent Model-Free Control for State-of-Charge Balancing Between Distributed Battery Energy Storage Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 679-688.	4.9	16
28	Adaptive Sliding Mode Fault-Tolerant Fuzzy Tracking Control With Application to Unmanned Marine Vehicles. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6691-6700.	9.3	105
29	Adaptive Control Design and Evaluation for Multibody High-Speed Train Dynamic Models. IEEE Transactions on Control Systems Technology, 2021, 29, 1061-1074.	5.2	20
30	Fault-Tolerant Control for Systems With Unmatched Actuator Faults and Disturbances. IEEE Transactions on Automatic Control, 2021, 66, 1725-1732.	5.7	28
31	Fault-tolerant control for a class of switched linear hyperbolic systems. International Journal of Control, 2021, 94, 871-880.	1.9	4
32	Fault-Tolerant Control of Multilayer Interconnected Nonlinear Systems: An Inclusion Principle Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2403-2414.	9.3	10
33	Disturbance-Observer-Based Terminal Sliding Mode Control for Linear Traction System With Prescribed Performance. IEEE Transactions on Transportation Electrification, 2021, 7, 649-658.	7.8	30
34	Fault Detection for A Class of Closed-loop Hypersonic Vehicle System via Hypothesis Test Method. International Journal of Control, Automation and Systems, 2021, 19, 350-362.	2.7	13
35	Adaptive compensation of persistent actuator failures of nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2021, 35, 373-400.	4.1	3
36	Zero dynamics analysis and adaptive tracking control of underactuated multibody systems with flexible links. International Journal of Control, 2021, 94, 1931-1943.	1.9	1

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37	Policy Iteration Based Online Adaptive Optimal Fault Compensation Control for Spacecraft. International Journal of Control, Automation and Systems, 2021, 19, 1607-1617.	2.7	12
38	Data-Driven Fault Detection for Dynamic Systems With Performance Degradation: A Unified Transfer Learning Framework. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	34
39	Control separation based fault accommodation for flexible hypersonic vehicles. International Journal of Systems Science, 2021, 52, 2020-2033.	5.5	1
40	Shaping of the Air Gap in a V-Typed IPMSM for Compressed-Air System Applications. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	5
41	Fault-Tolerant Time-Varying Elliptical Formation Control of Multiple Fixed-Wing UAVs for Cooperative Forest Fire Monitoring. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 101, 1.	3.4	28
42	Fault-Tolerant Formation Tracking Control for Heterogeneous Multiagent Systems with Directed Topology. Research on World Agricultural Economy, 2021, 01, 2150001.	1.3	6
43	Distributed Fault-Tolerant Consensus Tracking Control of Multi-Agent Systems Under Fixed and Switching Topologies. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1646-1658.	5.4	50
44	Modeling and Adaptive Fault Compensation for Two Physically Linked 2WD Mobile Robots. IEEE/ASME Transactions on Mechatronics, 2021, 26, 1161-1171.	5.8	4
45	A Data-Driven Long Time-Series Electrical Line Trip Fault Prediction Method Using an Improved Stacked-Informer Network. Sensors, 2021, 21, 4466.	3.8	11
46	HisPhosSite: A comprehensive database of histidine phosphorylated proteins and sites. Journal of Proteomics, 2021, 243, 104262.	2.4	12
47	Fault tolerant consensus of multiple nonholonomic chained-form systems with actuator and communication faults. International Journal of Robust and Nonlinear Control, 2021, 31, 9483-9500.	3.7	3
48	Resilient observer design of sensor fault estimation for discrete-time multi-agent systems: A distributed approach. International Journal of Robust and Nonlinear Control, 2021, 31, 9604-9618.	3.7	10
49	Dynamic Predictive Maintenance Scheduling Using Deep Learning Ensemble for System Health Prognostics. IEEE Sensors Journal, 2021, 21, 26878-26891.	4.7	24
50	Backstepping based Actuator Failure Compensation of Rigid-Flexible Coupled Systems. , 2021, , .		1
51	Small-Time Local Controllability of Switched Nonlinear Systems. IEEE Transactions on Automatic Control, 2021, 66, 5422-5428.	5.7	6
52	On robust stability of switched homogeneous systems. IET Control Theory and Applications, 2021, 15, 758-770.	2.1	1
53	Prediction Interval Estimation of Aeroengine Remaining Useful Life Based on Bidirectional Long Short-Term Memory Network. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	38
54	Hybrid Fuzzy Controller Design on Oxygen Excess Ratio Control of PEMFC Air Feed System by using PSO Algorithm. , 2021, , .		0

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55	An Adaptive Fault Compensation Scheme for Formation Control of Spacecraft Formation Flying. , 2021, , .		1
56	An Intelligent Data-Driven Machine Learning Approach for Fault Detection of Wind Turbines. , 2021, , .		5
57	Fault-Tolerant Control for Spacecraft under Actuator Fault via Zero-Sum Differential Game Theory. , 2021, , .		1
58	Life Prediction of Rolling Bearing using Temporal Convolution Network and Attention Mechanism. , 2021, , .		0
59	TD-GAT: Graph Neural Network for Fault Diagnosis Knowledge Graph. , 2021, , .		1
60	Fault-Tolerant Tracking Control for Spacecraft with Minimum-Eigenvalue. , 2021, , .		0
61	Construction and Reasoning Method of Fault Knowledge Graph with application of Engineering Machinery. , 2021, , .		1
62	A parameter based transfer learning fault diagnosis method under different working conditions. , 2021, , .		0
63	Cooperative Fault Tolerant Control of Security Games. , 2021, , .		0
64	Decentralized Sliding Mode Control for Output Tracking of Large-Scale Interconnected Systems. , 2021, , .		0
65	Partial State Feedback Based Adaptive Control for Lateral Vehicle Motion with Sensor Failures. , 2021, , .		0
66	Minimum-Eigenvalue-Based Adaptive Fault-Tolerant Containment Control for Heterogeneous Multiagent Systems With Actuator Faults. , 2021, , .		0
67	Fault-tolerant Control of Formation Flying Attitude Based on F-16 Fixed-Wing Aircraft. , 2021, , .		0
68	Fault Diagnosis based on Domain Adaptive Multi-task learning Convolutional Neural Network. , 2021, , .		0
69	Fault-tolerant Formation for Multi-UAV via Improved Artificial Potential Field Method. , 2021, , .		0
70	Time-Varying Formation Control for Heterogeneous Multi-Agent Systems with Actuator Faults. , 2021, , .		0
71	Fixed-Time Convergence-Based Fault-Tolerant Cooperative Control of Fixed-Wing UAVs. , 2021, , .		0
72	Adaptive fault-tolerant formation control for quadrotors with actuator faults. Asian Journal of Control, 2020, 22, 1317-1326.	3.0	17

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73	Adaptive Fault-Tolerant Sliding-Mode Control for High-Speed Trains With Actuator Faults and Uncertainties. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2449-2460.	8.0	77
74	A Review of Fault Detection and Diagnosis for the Traction System in High-Speed Trains. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 450-465.	8.0	258
75	Diagnosis, Diagnosticability Analysis, and Test Point Design for Multiple Faults Based on Multisignal Modeling and Blind Source Separation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 137-148.	9.3	22
76	Fault-tolerant control of flexible air-breathing hypersonic vehicles in linear ODE-beam systems. International Journal of Control, 2020, 93, 820-831.	1.9	13
77	A modified neighborhood preserving embedding-based incipient fault detection with applications to small-scale cyber-physical systems. ISA Transactions, 2020, 104, 175-183.	5.7	18
78	Incipient winding fault detection and diagnosis for squirrel-cage induction motors equipped on CRH trains. ISA Transactions, 2020, 99, 488-495.	5.7	166
79	Directed-Graph-Observer-Based Model-Free Cooperative Sliding Mode Control for Distributed Energy Storage Systems in DC Microgrid. IEEE Transactions on Industrial Informatics, 2020, 16, 1224-1235.	11.3	35
80	Fault diagnosis and accommodation with flight control applications. Journal of Control and Decision, 2020, 7, 24-43.	1.6	19
81	Interval sliding mode observer-based fault accommodation for non-minimum phase LPV systems with online control allocation. International Journal of Control, 2020, 93, 2675-2689.	1.9	14
82	Fault-Tolerant Cooperative Control of Multiagent Systems: A Survey of Trends and Methodologies. IEEE Transactions on Industrial Informatics, 2020, 16, 4-17.	11.3	105
83	Intelligent bearing fault diagnosis using PCA-DBN framework. Neural Computing and Applications, 2020, 32, 10773-10781.	5.6	82
84	Interval observer and unknown input observer-based sensor fault estimation for high-speed railway traction motor. Journal of the Franklin Institute, 2020, 357, 1137-1154.	3.4	25
85	A Sliding Mode Fault Compensation Scheme for a Coupled Rigid-Flexible System in PDE-ODE Form. Journal of the Franklin Institute, 2020, 357, 9174-9194.	3.4	11
86	An accurate and efficient machine fault diagnosis approach using a recurring broad learning model. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2020, , 095965182093696.	1.0	1
87	Adaptive observer design for nonlinear interconnected systems by the application of LaSalle's theorem. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1559-1571.	4.1	5
88	Dynamic Modeling and Flight Simulation of a Folding Wing-Tip UAV. , 2020, , .		2
89	IRESbase: A Comprehensive Database of Experimentally Validated Internal Ribosome Entry Sites. Genomics, Proteomics and Bioinformatics, 2020, 18, 129-139.	6.9	48
90	Distributed adaptive fault-tolerant close formation flight control of multiple trailing fixed-wing UAVs. ISA Transactions, 2020, 106, 181-199.	5.7	33

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91	Hierarchical structure-based adaptive fault-tolerant consensus control for multiple 3-DOF laboratory helicopters. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020, 34, 992-1012.	4.1	4
92	Fault-tolerant control of energy-conserving networks. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	0
93	Robust decentralised load frequency control for interconnected time delay power systems using sliding mode techniques. <i>IET Control Theory and Applications</i> , 2020, 14, 470-480.	2.1	38
94	Data-driven Detection and Diagnosis of Faults in Traction Systems of High-speed Trains. <i>Lecture Notes in Intelligent Transportation and Infrastructure</i> , 2020, , .	0.5	13
95	Robust adaptive control of nonlinearly parametrized multivariable systems with unmatched disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 3582-3606.	3.7	12
96	Identification of Potential Prognostic Competing Triplets in High-Grade Serous Ovarian Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 607722.	2.3	14
97	Fractional-Order Sliding-Mode Fault-Tolerant Neural Adaptive Control of Fixed-Wing UAV With Prescribed Tracking Performance. , 2020, , .		6
98	Fault-Tolerant Tracking Control of Quadrotor Aircrafts with Actuator Faults and External Disturbances. , 2020, , .		1
99	Backstepping-based sliding mode fault-tolerant control for linear interconnected parabolic distributed parameter systems. <i>IET Control Theory and Applications</i> , 2020, 14, 1928-1936.	2.1	6
100	Fault Tolerant Control for a Class of Evolutionary Matrix Games. , 2020, , .		0
101	Fault tolerant control of centralized potential games. , 2020, , .		0
102	Second-Order Consensus for Heterogeneous Nonlinear Multi-agent Systems with Actuator Faults. , 2020, , .		0
103	A Dynamic Scaling Based Adaptive Fault-tolerant Control Scheme for Rigid Spacecraft with Simultaneous Sensor and Actuator Faults. , 2020, , .		0
104	Incipient Fault Detection for Traction Motors of High-Speed Railways Using an Interval Sliding Mode Observer. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019, 20, 2703-2714.	8.0	65
105	Hierarchical-Structure-Based Fault Estimation and Fault-Tolerant Control for Multiagent Systems. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 586-597.	3.7	59
106	Adaptive Fault-Tolerant H-Infinity Output Feedback Control for Lead-Wing Close Formation Flight. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, , 1-11.	9.3	21
107	Extended state observer-based sliding mode fault-tolerant control for unmanned autonomous helicopter with wind gusts. <i>IET Control Theory and Applications</i> , 2019, 13, 1500-1513.	2.1	39
108	Distributed-observer-based Fault Tolerant Control Design for Nonlinear Multi-agent Systems. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 3149-3157.	2.7	15

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109	Adaptive Sensor Fault Detection for Rail Vehicle Suspension Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 7552-7565.	6.3	9
110	Fault-tolerant safe control design of switched and interconnected nonlinear systems. Journal of the Franklin Institute, 2019, 356, 8929-8951.	3.4	10
111	Effective aerial monitoring of cyanobacterial harmful algal blooms is dependent on understanding cellular migration. Harmful Algae, 2019, 87, 101620.	4.8	8
112	Stability analysis of switched positive nonlinear systems: an invariant ray approach. Science China Information Sciences, 2019, 62, 1.	4.3	3
113	Adaptive fault-tolerant attitude tracking control of hypersonic vehicle subject to unexpected centroid-shift and state constraints. Aerospace Science and Technology, 2019, 95, 105515.	4.8	25
114	Singular Perturbation-Based Fault-Tolerant Control of the Air-Breathing Hypersonic Vehicle. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2562-2571.	5.8	35
115	High Speed Train Trajectory Algorithm through Fiber Optic Sensor. , 2019, , .		0
116	Crack and Noncrack Damage Automatic Classification from Concrete Surface Images using Broad Network Architecture. , 2019, , .		5
117	Integrated structure and precision control of flat voice coil actuator for non-contact satellite. Journal of Engineering, 2019, 2019, 566-570.	1.1	1
118	Distributed fault estimation design of interconnected systems with external disturbances. IET Control Theory and Applications, 2019, 13, 377-386.	2.1	14
119	Fault Tolerant Time Optimization of Switched Systems with Application to Multi-agent Flight Control. International Journal of Control, Automation and Systems, 2019, 17, 380-390.	2.7	8
120	Interval Sliding Mode Observer Based Incipient Sensor Fault Detection With Application to a Traction Device in China Railway High-Speed. IEEE Transactions on Vehicular Technology, 2019, 68, 2585-2597.	6.3	36
121	Attitude Synchronization For Multiple 3-DOF Helicopters With Actuator Faults. IEEE/ASME Transactions on Mechatronics, 2019, 24, 597-608.	5.8	25
122	Adaptive Backstepping Based Fault-tolerant Control for High-speed Trains with Actuator Faults. International Journal of Control, Automation and Systems, 2019, 17, 1408-1420.	2.7	37
123	Data-driven Sliding Mode Control for MIMO systems and Its Application on Linear Induction Motors. International Journal of Control, Automation and Systems, 2019, 17, 1717-1725.	2.7	13
124	Sensors Information Fusion System with Fault Detection Based on Multi-Manifold Regularization Neighborhood Preserving Embedding. Sensors, 2019, 19, 1440.	3.8	5
125	A telemetry data based diagnostic health monitoring strategy for in-orbit spacecrafts with component degradation. Advances in Mechanical Engineering, 2019, 11, 168781401983959.	1.6	5
126	Fault recoverability analysis of interconnected systems. IET Control Theory and Applications, 2019, 13, 554-561.	2.1	8

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127	Adaptive Fault-tolerant Neural Control for Large-scale Systems with Actuator Faults. International Journal of Control, Automation and Systems, 2019, 17, 1421-1431.	2.7	17
128	Robust adaptive active fault-tolerant control of UAH with unknown disturbances and actuator faults. International Journal of Adaptive Control and Signal Processing, 2019, 33, 684-711.	4.1	10
129	Fault Detection and Estimation of Multi-Agent Systems: Neighborhood-Observer-Based Approach. , 2019, , .		2
130	Optimal Test Sequencing Method with Unreliable Tests based on Quasi-depth First Search Algorithm. , 2019, , .		2
131	Fault Diagnosis for Stator Inter-turn Short Circuit Fault of Traction Motors under Closed-loop Structure. , 2019, , .		0
132	On Functional Interval Observers for Discrete-time Linear Systems. , 2019, , .		0
133	Research on Fault Estimation and Fault-tolerant Control of Hypersonic Aircraft Based on Adaptive Observer. , 2019, , .		0
134	Active Fault-Tolerant Control of A Class of Multi-Agent Systems Based on Sliding Mode Technology. , 2019, , .		0
135	Fault Isolation Via Multiple-model Estimation for Traction Inverter with IGBT Open Circuit Fault. , 2019, , .		0
136	Model-Based Event-Triggered Control for T-S Fuzzy Systems with Parameter Uncertainties. , 2019, , .		0
137	Sliding mode fault tolerant control for a class of nonholonomic systems and its aerospace application. , 2019, , .		1
138	Supervisory fault tolerant control for a class of parabolic PDEs system. , 2019, , .		0
139	CircAST: Full-length Assembly and Quantification of Alternatively Spliced Isoforms in Circular RNAs. Genomics, Proteomics and Bioinformatics, 2019, 17, 522-534.	6.9	40
140	Robust Adaptive Control for Non-minimum Phase Flexible Air-breathing Hypersonic Vehicles. , 2019, , .		3
141	Decentralized Observer Design for Heterogeneous Multi-agent Systems with Fault Bound Estimation. , 2019, , .		2
142	Backstepping based Sliding Mode Fault-Tolerant Control of a Class of Euler-Bernoulli Beam Systems. , 2019, , .		0
143	Remaining Useful Life Interval Estimation-Based Maintenance Decision-Making for Key Equipment. , 2019, , .		0
144	A backstepping-based fault compensation scheme for a class of Euler-Bernoulli beam-ODE cascade systems. International Journal of Control, 2019, , 1-13.	1.9	2

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145	Observer Based Fault Estimation for Induction Motor with Stator Inter-turn Short Circuit Faults and Disturbances. , 2019, , .		1
146	Robust Asymptotic Estimation of Sensor Faults for Continuous-time Interconnected Systems. International Journal of Control, Automation and Systems, 2019, 17, 3170-3178.	2.7	3
147	A Newly Robust Fault Detection and Diagnosis Method for High-Speed Trains. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2198-2208.	8.0	50
148	Adaptive relevant vector machine based RUL prediction under uncertain conditions. ISA Transactions, 2019, 87, 217-224.	5.7	49
149	Fault-tolerant control for a class of switched parabolic systems. Nonlinear Analysis: Hybrid Systems, 2019, 32, 214-227.	3.5	15
150	Adaptive Sliding Mode Observer for Nonlinear Interconnected Systems with Time Varying Parameters. Asian Journal of Control, 2019, 21, 405-414.	3.0	8
151	Pathway enrichment analysis approach based on topological structure and updated annotation of pathway. Briefings in Bioinformatics, 2019, 20, 168-177.	6.5	32
152	Fault Tolerant Control of Switched Systems: A Generalized Separation Principle. IEEE Transactions on Control Systems Technology, 2019, 27, 553-565.	5.2	21
153	A Descriptor System Approach for Estimation of Incipient Faults With Application to High-Speed Railway Traction Devices. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2108-2118.	9.3	169
154	Adaptive non-singular fault-tolerant control for hypersonic vehicle with unexpected centroid shift. IET Control Theory and Applications, 2019, 13, 1773-1785.	2.1	9
155	Safe Reconfigurability of a Class of Nonlinear Interconnected Systems. , 2019, , .		0
156	Data-driven based ToMFIR Design with Application to Incipient Fault Detection in High-speed Rail Vehicle Suspension System. , 2019, , .		1
157	Integrated multiple-model adaptive fault identification and reconfigurable fault-tolerant control for Lead-Wing close formation systems. International Journal of Systems Science, 2018, 49, 701-717.	5.5	7
158	Synchronization of multiple 3-DOF helicopters under actuator faults and saturations with prescribed performance. ISA Transactions, 2018, 75, 118-126.	5.7	38
159	Finite-Time Unknown Input Observer-Based Distributed Fault Diagnosis for Multi-agent Systems with Disturbances. Circuits, Systems, and Signal Processing, 2018, 37, 4215-4233.	2.0	10
160	Missing Output Identification Model Based Recursive Least Squares Algorithm for a Distributed Parameter System. International Journal of Control, Automation and Systems, 2018, 16, 150-157.	2.7	17
161	Fault Detection for a Class of Nonlinear Networked Control Systems with Communication Constraints. International Journal of Control, Automation and Systems, 2018, 16, 256-264.	2.7	17
162	Fault-tolerant anti-windup control for hypersonic vehicles in reentry based on ISMDO. Journal of the Franklin Institute, 2018, 355, 2067-2090.	3.4	32

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163	Rendezvous of multiple nonholonomic unicycles-based on backstepping. International Journal of Control, 2018, 91, 1271-1283.	1.9	12
164	Adaptive Compensation of Multiple Actuator Faults for Two Physically Linked 2WD Robots. IEEE Transactions on Robotics, 2018, 34, 248-255.	10.3	9
165	MIMO Evolution Model-Based Coupled Fault Estimation and Adaptive Control With High-Speed Train Applications. IEEE Transactions on Control Systems Technology, 2018, 26, 1552-1566.	5.2	15
166	Fault Detection and Isolation Based on MM-ICA with Application to High-speed Railway. , 2018, , .		1
167	Assessment on bearing performance degradation using improved discriminant LPP. , 2018, , .		1
168	Incipient Fault Detection Method using Kullback-Leibler Divergence for CRH5 and Some Remarks. , 2018, , .		4
169	Sliding mode control of linear multiple-input multiple-output systems with mismatched uncertainties. , 2018, , .		0
170	Dynamic Long Short-Term Memory Neural-Network- Based Indirect Remaining-Useful-Life Prognosis for Satellite Lithium-Ion Battery. Applied Sciences (Switzerland), 2018, 8, 2078.	2.5	61
171	Modeling and control of hypersonic vehicle dynamic under centroid shift. Advances in Mechanical Engineering, 2018, 10, 168781401879912.	1.6	6
172	Fault-Tolerant Control for Euler-Bernoulli Beam Systems by Using Backstepping Approach. , 2018, , .		0
173	Bond graph modeling and fault injection of CRH5 traction system. , 2018, , .		0
174	Actuator fault diagnosis for flight control system based on sliding mode observer. , 2018, , .		3
175	Modeling and Analysis of Flexible Solar Sail. , 2018, , .		1
176	Sensor Composite Faults Estimation and Control for Hypersonic Flight Vehicle. , 2018, , .		0
177	Sliding Mode Tracking Control and GA-based Optimization for Reentry Guidance Subject to Multi-Constraints. , 2018, , .		1
178	An improved incipient fault detection method based on Kullback-Leibler divergence. ISA Transactions, 2018, 79, 127-136.	5.7	84
179	A Multi-mode Incipient Sensor Fault Detection and Diagnosis Method for Electrical Traction Systems. International Journal of Control, Automation and Systems, 2018, 16, 1783-1793.	2.7	49
180	Distributed control for robot manipulators with pseudoholonomic behavior. , 2018, , .		0

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