

Bin Jiang

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.

318
papers

6,866
citations

44
h-index

71
g-index

442
ext. papers

8,719
ext. citations

3.4
avg, IF

6.82
L-index

#	Paper	IF	Citations
3 ¹⁸	Distributed Fault-Tolerant Consensus Tracking of Multi-Agent Systems under Cyber-Attacks. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022 , 1-12	7	1
3 ¹⁷	Robust ADP-Based Sliding-Mode Fault-Tolerant Control for Nonlinear Systems with Application to Spacecraft. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1673	2.6	1
3 ¹⁶	Enhanced Recurrent Fuzzy Neural Fault-Tolerant Synchronization Tracking Control of Multiple Unmanned Airships via Fractional Calculus and Fixed-Time Prescribed Performance Function. <i>IEEE Transactions on Fuzzy Systems</i> , 2022 , 1-1	8.3	3
3 ¹⁵	Unknown Input Observer-based Distributed Fault Estimation of Discrete-time Nonlinear Interconnected Systems. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 803-812	2.9	
3 ¹⁴	Distributed Adaptive Fault-Tolerant Formation Control for Heterogeneous Multiagent Systems Under Switching Directed Topologies. <i>Journal of the Franklin Institute</i> , 2022 , 359, 3366-3366	4	0
3 ¹³	Intelligent Discrete Sliding Mode Predictive Fault-Tolerant Control Method for Multi-Delay Quad-Rotor UAV System Based on DIECOA. <i>Aerospace</i> , 2022 , 9, 207	2.5	0
3 ¹²	Fault detection and diagnosis using statistic feature and improved broad learning for traction systems in high-speed trains. <i>IEEE Transactions on Artificial Intelligence</i> , 2022 , 1-1	4.7	
3 ¹¹	A Comprehensive Review on Signal-Based and Model-Based Condition Monitoring of Wind Turbines: Fault Diagnosis and Lifetime Prognosis. <i>Proceedings of the IEEE</i> , 2022 , 1-53	14.3	4
3 ¹⁰	Adaptive fault-tolerant attitude control for hypersonic reentry vehicle subject to complex uncertainties. <i>Journal of the Franklin Institute</i> , 2022 , 359, 5458-5458	4	1
3 ⁰⁹	An Intelligent Data-Driven Machine Learning Approach for Fault Detection of Wind Turbines 2021 ,		1
3 ⁰⁸	Prediction Interval Estimation of Aeroengine Remaining Useful Life Based on Bidirectional Long Short-Term Memory Network. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-13	5.2	11
3 ⁰⁷	Dynamic Predictive Maintenance Scheduling Using Deep Learning Ensemble for System Health Prognostics. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	7
3 ⁰⁶	Small-Time Local Controllability of Switched Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 5422-5428	5.9	4
3 ⁰⁵	On robust stability of switched homogeneous systems. <i>IET Control Theory and Applications</i> , 2021 , 15, 758-770	2.5	0
3 ⁰⁴	Fault-Tolerant Formation Tracking Control for Heterogeneous Multiagent Systems with Directed Topology. <i>Research on World Agricultural Economy</i> , 2021 , 01, 2150001		1
3 ⁰³	Distributed Fault-Tolerant Consensus Tracking Control of Multi-Agent Systems Under Fixed and Switching Topologies. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 1646-1658	3.9	3
3 ⁰²	Modeling and Adaptive Fault Compensation for Two Physically Linked 2WD Mobile Robots. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 26, 1161-1171	5.5	1

301	A data-driven prognostics method for explicit health index assessment and improved remaining useful life prediction of bearings. <i>ISA Transactions</i> , 2021 ,	5.5	2
300	A Data-Driven Long Time-Series Electrical Line Trip Fault Prediction Method Using an Improved Stacked-Informer Network. <i>Sensors</i> , 2021 , 21,	3.8	3
299	HisPhosSite: A comprehensive database of histidine phosphorylated proteins and sites. <i>Journal of Proteomics</i> , 2021 , 243, 104262	3.9	2
298	Adaptive actuator fault-tolerant control for non-minimum phase air-breathing hypersonic vehicle model. <i>ISA Transactions</i> , 2021 ,	5.5	2
297	Adaptive Control Design and Evaluation for Multibody High-Speed Train Dynamic Models. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 1061-1074	4.8	5
296	Fault-Tolerant Control for Systems With Unmatched Actuator Faults and Disturbances. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1725-1732	5.9	8
295	Fault-tolerant control for a class of switched linear hyperbolic systems. <i>International Journal of Control</i> , 2021 , 94, 871-880	1.5	3
294	Fault-Tolerant Control of Multilayer Interconnected Nonlinear Systems: An Inclusion Principle Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2403-2414	7.3	5
293	Disturbance-Observer-Based Terminal Sliding Mode Control for Linear Traction System With Prescribed Performance. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 7, 649-658	7.6	8
292	Composite Adaptive Disturbance Observer-Based Decentralized Fractional-Order Fault-Tolerant Control of Networked UAVs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	14
291	Fault Detection for A Class of Closed-loop Hypersonic Vehicle System via Hypothesis Test Method. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 350-362	2.9	6
290	Adaptive compensation of persistent actuator failures of nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 373-400	2.8	1
289	Zero dynamics analysis and adaptive tracking control of underactuated multibody systems with flexible links. <i>International Journal of Control</i> , 2021 , 94, 1931-1943	1.5	0
288	Policy Iteration Based Online Adaptive Optimal Fault Compensation Control for Spacecraft. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1607-1617	2.9	5
287	Reduction of Torque Ripple and Rotor Eddy Current Losses by Closed Slots Design in a High-speed PMSM for EHA Applications. <i>IEEE Transactions on Magnetics</i> , 2021 , 1-1	2	1
286	Hierarchical Structure-Based Fault-Tolerant Tracking Control of Multiple 3-DOF Laboratory Helicopters. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	0
285	Data-Driven Fault Detection for Dynamic Systems With Performance Degradation: A Unified Transfer Learning Framework. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-12	5.2	13
284	Control separation based fault accommodation for flexible hypersonic vehicles. <i>International Journal of Systems Science</i> , 2021 , 52, 2020-2033	2.3	

283	Shaping of the Air Gap in a V-Typed IPMSM for Compressed-Air System Applications. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-5	2	1
282	Fault-Tolerant Time-Varying Elliptical Formation Control of Multiple Fixed-Wing UAVs for Cooperative Forest Fire Monitoring. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2021 , 101, 1	2.9	8
281	IRESbase: A Comprehensive Database of Experimentally Validated Internal Ribosome Entry Sites. <i>Genomics, Proteomics and Bioinformatics</i> , 2020 , 18, 129-139	6.5	14
280	A Novel Multi-Agent Model-Free Control for State-of-Charge Balancing Between Distributed Battery Energy Storage Systems. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 1-10	4.1	8
279	Distributed adaptive fault-tolerant close formation flight control of multiple trailing fixed-wing UAVs. <i>ISA Transactions</i> , 2020 , 106, 181-199	5.5	14
278	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	2.8	1
277	Fault-tolerant control of energy-conserving networks. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	
276	Adaptive Sliding Mode Fault-Tolerant Fuzzy Tracking Control With Application to Unmanned Marine Vehicles. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	47
275	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	2.5	18
274	Data-driven Detection and Diagnosis of Faults in Traction Systems of High-speed Trains. <i>Lecture Notes in Intelligent Transportation and Infrastructure</i> , 2020 ,	0.3	5
273	Robust adaptive control of nonlinearly parametrized multivariable systems with unmatched disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3582-3606	3.6	5
272	Fractional-Order Sliding-Mode Fault-Tolerant Neural Adaptive Control of Fixed-Wing UAV With Prescribed Tracking Performance 2020 ,		2
271	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	2.5	4
270	Fault diagnosis and accommodation with flight control applications. <i>Journal of Control and Decision</i> , 2020 , 7, 24-43	0.9	12
269	Interval sliding mode observer-based fault accommodation for non-minimum phase LPV systems with online control allocation. <i>International Journal of Control</i> , 2020 , 93, 2675-2689	1.5	3
268	Fault-Tolerant Cooperative Control of Multiagent Systems: A Survey of Trends and Methodologies. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4-17	11.9	52
267	Intelligent bearing fault diagnosis using PCADBN framework. <i>Neural Computing and Applications</i> , 2020 , 32, 10773-10781	4.8	24
266	Interval observer and unknown input observer-based sensor fault estimation for high-speed railway traction motor. <i>Journal of the Franklin Institute</i> , 2020 , 357, 1137-1154	4	8

265	A Sliding Mode Fault Compensation Scheme for a Coupled Rigid-Flexible System in PDE-ODE Form. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9174-9194	4	3
264	An accurate and efficient machine fault diagnosis approach using a recurring broad learning model. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2020 , 095965182093696	1	1
263	Adaptive observer design for nonlinear interconnected systems by the application of LaSalle's theorem. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1559-1571	2.8	3
262	Data-Driven Fault Diagnosis for Traction Systems in High-Speed Trains: A Survey, Challenges, and Perspectives. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-17	6.1	78
261	Adaptive fault-tolerant formation control for quadrotors with actuator faults. <i>Asian Journal of Control</i> , 2020 , 22, 1317-1326	1.7	7
260	Adaptive Fault-Tolerant Sliding-Mode Control for High-Speed Trains With Actuator Faults and Uncertainties. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 2449-2460	6.1	23
259	A Review of Fault Detection and Diagnosis for the Traction System in High-Speed Trains. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 450-465	6.1	123
258	Diagnosis, Diagnosticability Analysis, and Test Point Design for Multiple Faults Based on Multisignal Modeling and Blind Source Separation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 137-148	7.3	14
257	Fault-tolerant control of flexible air-breathing hypersonic vehicles in linear ODE-beam systems. <i>International Journal of Control</i> , 2020 , 93, 820-831	1.5	7
256	A modified neighborhood preserving embedding-based incipient fault detection with applications to small-scale cyber-physical systems. <i>ISA Transactions</i> , 2020 , 104, 175-183	5.5	8
255	Incipient winding fault detection and diagnosis for squirrel-cage induction motors equipped on CRH trains. <i>ISA Transactions</i> , 2020 , 99, 488-495	5.5	104
254	Directed-Graph-Observer-Based Model-Free Cooperative Sliding Mode Control for Distributed Energy Storage Systems in DC Microgrid. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1224-1235 ^{11.9}	11.9	15
253	Incipient Fault Diagnosis for High-Speed Train Traction Systems via Stacked Generalization. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
252	Identification of Potential Prognostic Competing Triplets in High-Grade Serous Ovarian Cancer. <i>Frontiers in Genetics</i> , 2020 , 11, 607722	4.5	6
251	Singular Perturbation-Based Fault-Tolerant Control of the Air-Breathing Hypersonic Vehicle. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 2562-2571	5.5	16
250	Crack and Noncrack Damage Automatic Classification from Concrete Surface Images using Broad Network Architecture 2019 ,		3
249	Integrated structure and precision control of flat voice coil actuator for non-contact satellite. <i>Journal of Engineering</i> , 2019 , 2019, 566-570	0.7	
248	Distributed fault estimation design of interconnected systems with external disturbances. <i>IET Control Theory and Applications</i> , 2019 , 13, 377-386	2.5	9

247	Fault Tolerant Time Optimization of Switched Systems with Application to Multi-agent Flight Control. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 380-390	2.9	4
246	Interval Sliding Mode Observer Based Incipient Sensor Fault Detection With Application to a Traction Device in China Railway High-Speed. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 2585-2597	6.8	20
245	Attitude Synchronization For Multiple 3-DOF Helicopters With Actuator Faults. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 597-608	5.5	19
244	Adaptive Backstepping Based Fault-tolerant Control for High-speed Trains with Actuator Faults. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1408-1420	2.9	20
243	Data-driven Sliding Mode Control for MIMO systems and Its Application on Linear Induction Motors. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1717-1725	2.9	6
242	Sensors Information Fusion System with Fault Detection Based on Multi-Manifold Regularization Neighborhood Preserving Embedding. <i>Sensors</i> , 2019 , 19,	3.8	2
241	A telemetry data based diagnostic health monitoring strategy for in-orbit spacecrafts with component degradation. <i>Advances in Mechanical Engineering</i> , 2019 , 11, 168781401983959	1.2	0
240	Fault recoverability analysis of interconnected systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 554-561	2.5	7
239	Adaptive Fault-tolerant Neural Control for Large-scale Systems with Actuator Faults. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1421-1431	2.9	10
238	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	4	28
237	Adaptive Fault-Tolerant H-Infinity Output Feedback Control for LeadWing Close Formation Flight. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-11	7.3	7
236	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	2.5	25
235	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	2.9	4
234	Adaptive Sensor Fault Detection for Rail Vehicle Suspension Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 7552-7565	6.8	3
233	Fault-tolerant safe control design of switched and interconnected nonlinear systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 8929-8951	4	6
232	Effective aerial monitoring of cyanobacterial harmful algal blooms is dependent on understanding cellular migration. <i>Harmful Algae</i> , 2019 , 87, 101620	5.3	2
231	Stability analysis of switched positive nonlinear systems: an invariant ray approach. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	1
230	Adaptive fault-tolerant attitude tracking control of hypersonic vehicle subject to unexpected centroid-shift and state constraints. <i>Aerospace Science and Technology</i> , 2019 , 95, 105515	4.9	17

229	Adaptive Compensation of Persistent Actuator Failures Using Control-Separation-Based LQ Design. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-16	7.3	5
228	Adaptive non-singular fault-tolerant control for hypersonic vehicle with unexpected centroid shift. <i>IET Control Theory and Applications</i> , 2019 , 13, 1773-1785	2.5	5
227	Robust adaptive active fault-tolerant control of UAH with unknown disturbances and actuator faults. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 684-711	2.8	5
226	Fault Detection and Estimation of Multi-Agent Systems: Neighborhood-Observer-Based Approach 2019 ,		1
225	CircAST: Full-length Assembly and Quantification of Alternatively Spliced Isoforms in Circular RNAs. <i>Genomics, Proteomics and Bioinformatics</i> , 2019 , 17, 522-534	6.5	19
224	Robust Adaptive Control for Non-minimum Phase Flexible Air-breathing Hypersonic Vehicles 2019 ,		1
223	A backstepping-based fault compensation scheme for a class of EulerBernoulli beam-ODE cascade systems. <i>International Journal of Control</i> , 2019 , 1-13	1.5	1
222	Robust Asymptotic Estimation of Sensor Faults for Continuous-time Interconnected Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 3170-3178	2.9	2
221	A Newly Robust Fault Detection and Diagnosis Method for High-Speed Trains. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 2198-2208	6.1	33
220	Adaptive relevant vector machine based RUL prediction under uncertain conditions. <i>ISA Transactions</i> , 2019 , 87, 217-224	5.5	31
219	Fault-tolerant control for a class of switched parabolic systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019 , 32, 214-227	4.5	10
218	Adaptive Sliding Mode Observer for Nonlinear Interconnected Systems with Time Varying Parameters. <i>Asian Journal of Control</i> , 2019 , 21, 405-414	1.7	6
217	Pathway enrichment analysis approach based on topological structure and updated annotation of pathway. <i>Briefings in Bioinformatics</i> , 2019 , 20, 168-177	13.4	21
216	Fault Tolerant Control of Switched Systems: A Generalized Separation Principle. <i>IEEE Transactions on Control Systems Technology</i> , 2019 , 27, 553-565	4.8	12
215	A Descriptor System Approach for Estimation of Incipient Faults With Application to High-Speed Railway Traction Devices. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2108-2118	7.3	129
214	Integrated multiple-model adaptive fault identification and reconfigurable fault-tolerant control for Lead-Wing close formation systems. <i>International Journal of Systems Science</i> , 2018 , 49, 701-717	2.3	5
213	Synchronization of multiple 3-DOF helicopters under actuator faults and saturations with prescribed performance. <i>ISA Transactions</i> , 2018 , 75, 118-126	5.5	24
212	Finite-Time Unknown Input Observer-Based Distributed Fault Diagnosis for Multi-agent Systems with Disturbances. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 4215-4233	2.2	6

211	Missing Output Identification Model Based Recursive Least Squares Algorithm for a Distributed Parameter System. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 150-157	2.9	14
210	Fault Detection for a Class of Nonlinear Networked Control Systems with Communication Constraints. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 256-264	2.9	15
209	Fault-tolerant anti-windup control for hypersonic vehicles in reentry based on ISMDO. <i>Journal of the Franklin Institute</i> , 2018 , 355, 2067-2090	4	21
208	Rendezvous of multiple nonholonomic unicycles-based on backstepping. <i>International Journal of Control</i> , 2018 , 91, 1271-1283	1.5	5
207	Adaptive Compensation of Multiple Actuator Faults for Two Physically Linked 2WD Robots. <i>IEEE Transactions on Robotics</i> , 2018 , 34, 248-255	6.5	5
206	MIMO Evolution Model-Based Coupled Fault Estimation and Adaptive Control With High-Speed Train Applications. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 1552-1566	4.8	6
205	A Multi-mode Incipient Sensor Fault Detection and Diagnosis Method for Electrical Traction Systems. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1783-1793	2.9	35
204	Adaptive finite-time fault-tolerant formation control for quadrotors with actuator faults 2018 ,		2
203	Deep forest based multivariate classification for diagnostic health monitoring 2018 ,		3
202	Improved Model-Free Adaptive Sliding-Mode-Constrained Control for Linear Induction Motor considering End Effects. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-9	1.1	2
201	Fault Detection and Isolation Based on MM-ICA with Application to High-speed Railway 2018 ,		1
200	Incipient Fault Detection Method using Kullback-Leibler Divergence for CRH5 and Some Remarks 2018 ,		3
199	Incipient Fault Detection for Traction Motors of High-Speed Railways Using an Interval Sliding Mode Observer. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 1-12	6.1	48
198	Dynamic Long Short-Term Memory Neural-Network- Based Indirect Remaining-Useful-Life Prognosis for Satellite Lithium-Ion Battery. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2078	2.6	37
197	Modeling and control of hypersonic vehicle dynamic under centroid shift. <i>Advances in Mechanical Engineering</i> , 2018 , 10, 168781401879912	1.2	1
196	Actuator fault diagnosis for flight control system based on sliding mode observer 2018 ,		2
195	An improved incipient fault detection method based on Kullback-Leibler divergence. <i>ISA Transactions</i> , 2018 , 79, 127-136	5.5	55
194	Adaptive Fault tolerant control against actuator faults. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 147-162	2.8	31

193	Fault recoverability analysis of switched nonlinear systems. <i>International Journal of Systems Science</i> , 2017 , 48, 471-484	2.3	5
192	Robust Unknown Input Observer-Based Fault Estimation of Leader-Follower Linear Multi-agent Systems. <i>Circuits, Systems, and Signal Processing</i> , 2017 , 36, 525-542	2.2	20
191	Autonomous cyanobacterial harmful algal blooms monitoring using multirotor UAS. <i>International Journal of Remote Sensing</i> , 2017 , 38, 2818-2843	3.1	14
190	Active fault-tolerant control against actuator fault and performance analysis of the effect of time delay due to fault diagnosis. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 537-546	2.9	36
189	Fault recoverability analysis of nonlinear systems: A piecewise affine system approach. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 547-556	2.9	2
188	Adjustable parameter-based multi-objective fault estimation observer design for continuous-time/discrete-time dynamic systems. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1077-1088	2.9	7
187	Incipient Voltage Sensor Fault Isolation for Rectifier in Railway Electrical Traction Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 6763-6774	8.9	30
186	Adaptive sliding mode fault-tolerant control for hypersonic vehicle based on radial basis function neural networks. <i>International Journal of Advanced Robotic Systems</i> , 2017 , 14, 172988141667378	1.4	5
185	On stability of switched nonlinear systems with time-scaling transformation. <i>International Journal of Systems Science</i> , 2017 , 48, 2120-2127	2.3	1
184	Multiple incipient sensor faults diagnosis with application to high-speed railway traction devices. <i>ISA Transactions</i> , 2017 , 67, 183-192	5.5	39
183	Distributed fault estimation observer design for multi-agent systems with switching topologies. <i>IET Control Theory and Applications</i> , 2017 , 11, 2801-2807	2.5	18
182	Data-Driven Incipient Sensor Fault Estimation with Application in Inverter of High-Speed Railway. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-13	1.1	29
181	EEMD based incipient fault diagnosis for sensors faults in high-speed train traction systems 2017 ,		1
180	Incipient winding fault detection and isolation for induction motors of high-speed trains 2017 ,		2
179	Cooperative path following control of multiple nonholonomic mobile robots. <i>ISA Transactions</i> , 2017 , 71, 161-169	5.5	17
178	A Micro-cloning dynamic multiobjective algorithm with an adaptive change reaction strategy. <i>Soft Computing</i> , 2017 , 21, 3781-3801	3.5	9
177	Robust sliding-mode observers for large-scale systems with application to a multimachine power system. <i>IET Control Theory and Applications</i> , 2017 , 11, 1307-1315	2.5	18
176	Robust fault estimation observer design with finite-time convergence specification. <i>IET Control Theory and Applications</i> , 2017 , 11, 1-9	2.5	10

175	Adaptive robust fault-tolerant control for linear MIMO systems with unmatched uncertainties. <i>International Journal of Control</i> , 2017 , 90, 2253-2269	1.5	7
174	Incipient sensor fault estimation and accommodation for inverter devices in electric railway traction systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 785-804	2.8	12
173	Dissipativity-based robust reduced-order fault estimation observer design of multi-agent systems. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 2619-2627	2.9	8
172	Incipient Fault Detection Based on Robust Threshold Generators: A Sliding Mode Interval Estimation Approach. <i>IFAC-PapersOnLine</i> , 2017 , 50, 5067-5072	0.7	6
171	Decentralised fault-tolerant control of tethered spacecraft formation: an interconnected system approach. <i>IET Control Theory and Applications</i> , 2017 , 11, 3047-3055	2.5	7
170	Direct self-repairing control for a helicopter via quantum multi-model and disturbance observer. <i>International Journal of Systems Science</i> , 2016 , 47, 533-543	2.3	11
169	A new approach to robust reliable H _∞ control for uncertain nonlinear systems. <i>International Journal of Systems Science</i> , 2016 , 47, 1376-1383	2.3	5
168	Fault-tolerant control for a class of non-linear systems with dead-zone. <i>International Journal of Systems Science</i> , 2016 , 47, 1689-1699	2.3	25
167	Incipient fault diagnosis for TB fuzzy systems with application to high-speed railway traction devices. <i>IET Control Theory and Applications</i> , 2016 , 10, 2286-2297	2.5	19
166	Data-based incipient actuator fault detection and diagnosis for three-phase PWM voltage source inverter 2016 ,		5
165	Fault diagnosis for a class of active suspension systems with dynamic actuators faults. <i>International Journal of Control, Automation and Systems</i> , 2016 , 14, 1160-1172	2.9	12
164	Modified stochastic gradient parameter estimation algorithms for a nonlinear two-variable difference system. <i>International Journal of Control, Automation and Systems</i> , 2016 , 14, 1493-1500	2.9	7
163	Interval sliding mode observer based incipient fault detection with application to a high-speed railway traction device 2016 ,		6
162	Adaptive Sliding Mode Observer-Based Robust Fault Reconstruction for a Helicopter With Actuator Fault. <i>Asian Journal of Control</i> , 2016 , 18, 1558-1565	1.7	30
161	Identification Methods for Two-Variable Difference Systems. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 3027-3039	2.2	3
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150	Fault-tolerant control for reentry hypersonic vehicle with blended aerodynamic surfaces and RCS 2016 ,		1
149	Decentralized fault tolerant control for tethered formation spacecraft 2016 ,		1
148	Distributed adaptive observers-based fault estimation for leader-following multi-agent linear uncertain systems with actuator faults 2016 ,		3
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