

Dong-Hua Zhou

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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.

149
papers

6,619
citations

43
h-index

78
g-index

163
ext. papers

8,313
ext. citations

4.7
avg, IF

6.8
L-index

#	Paper	IF	Citations
149	Remaining useful life estimation [A review on the statistical data driven approaches. <i>European Journal of Operational Research</i> , 2011 , 213, 1-14	5.6	1163
148	. <i>IEEE Transactions on Reliability</i> , 2012 , 61, 50-67	4.6	320
147	A Wiener-process-based degradation model with a recursive filter algorithm for remaining useful life estimation. <i>Mechanical Systems and Signal Processing</i> , 2013 , 35, 219-237	7.8	265
146	Geometric properties of partial least squares for process monitoring. <i>Automatica</i> , 2010 , 46, 204-210	5.7	241
145	Event-Based Recursive Distributed Filtering Over Wireless Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2470-2475	5.9	181
144	A Review on Recent Development of Spacecraft Attitude Fault Tolerant Control System. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 3311-3320	8.9	181
143	Strong tracking filtering of nonlinear time-varying stochastic systems with coloured noise: application to parameter estimation and empirical robustness analysis. <i>International Journal of Control</i> , 1996 , 65, 295-307	1.5	181
142	A degradation path-dependent approach for remaining useful life estimation with an exact and closed-form solution. <i>European Journal of Operational Research</i> , 2013 , 226, 53-66	5.6	158
141	Moving Horizon Estimation for Networked Time-Delay Systems Under Round-Robin Protocol. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 5191-5198	5.9	126
140	Generalized Reconstruction-Based Contributions for Output-Relevant Fault Diagnosis With Application to the Tennessee Eastman Process. <i>IEEE Transactions on Control Systems Technology</i> , 2011 , 19, 1114-1127	4.8	123
139	Moving Horizon Estimation With Unknown Inputs Under Dynamic Quantization Effects. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 5368-5375	5.9	115
138	Least-Squares Fault Detection and Diagnosis for Networked Sensing Systems Using A Direct State Estimation Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 1670-1679	11.9	113
137	A New Method of Dynamic Latent-Variable Modeling for Process Monitoring. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 6438-6445	8.9	109
136	Moving horizon estimation with non-uniform sampling under component-based dynamic event-triggered transmission. <i>Automatica</i> , 2020 , 120, 109154	5.7	99
135	Quasi-Synchronization of Discrete-Time Lur'e-Type Switched Systems With Parameter Mismatches and Relaxed PDT Constraints. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2026-2037	10.2	98
134	Incipient fault detection with smoothing techniques in statistical process monitoring. <i>Control Engineering Practice</i> , 2017 , 62, 11-21	3.9	93
133	HMM-Based \mathcal{H}_∞ Filtering for Discrete-Time Markov Jump LPV Systems Over Unreliable Communication Channels. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2035-2046	7.3	88

132	A Descriptor System Approach to Stability and Stabilization of Discrete-Time Switched PWA Systems. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 3456-3463	5.9	86
131	Reconstruction based fault prognosis for continuous processes. <i>Control Engineering Practice</i> , 2010 , 18, 1211-1219	3.9	86
130	Moving Horizon Estimation of Networked Nonlinear Systems With Random Access Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2937-2948	7.3	86
129	Event-Based H_{∞} Consensus Control of Multi-Agent Systems With Relative Output Feedback: The Finite-Horizon Case. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2553-2558	5.9	85
128	Recursive transformed component statistical analysis for incipient fault detection. <i>Automatica</i> , 2017 , 80, 313-327	5.7	83
127	On Kalman-Consensus Filtering With Random Link Failures Over Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2701-2708	5.9	82
126	. <i>IEEE Transactions on Reliability</i> , 2008 , 57, 230-242	4.6	80
125	Contribution rate plot for nonlinear quality-related fault diagnosis with application to the hot strip mill process. <i>Control Engineering Practice</i> , 2013 , 21, 360-369	3.9	76
124	On Designing H_{∞} Fault Detection Filter for Linear Discrete Time-Varying Systems. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 1689-1695	5.9	75
123	Robust H_{∞} Filtering for Time-Delay Systems With Probabilistic Sensor Faults. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 442-445	3.2	63
122	Control Performance Assessment for ILC-Controlled Batch Processes in a 2-D System Framework. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1493-1504	7.3	61
121	Finite-Time Stabilizability and Instabilizability for Complex-Valued Memristive Neural Networks With Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2371-2382	7.3	60
120	Key-Performance-Indicator-Related Process Monitoring Based on Improved Kernel Partial Least Squares. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 2626-2636	8.9	60
119	Residual generation and evaluation of networked control systems subject to random packet dropout. <i>Automatica</i> , 2009 , 45, 2427-2434	5.7	59
118	Leakage Fault Diagnosis for an Internet-Based Three-Tank System: An Experimental Study. <i>IEEE Transactions on Control Systems Technology</i> , 2012 , 20, 857-870	4.8	56
117	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 6304-6315	8.9	53
116	Fault-Tolerant Control for an Internet-Based Three-Tank System: Accommodation to Sensor Bias Faults. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 2266-2275	8.9	52
115	Distributed fault detection for a class of second-order multi-agent systems: an optimal robust observer approach. <i>IET Control Theory and Applications</i> , 2014 , 8, 1032-1044	2.5	52

114	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
113	Active Fault-Tolerant Control for an Internet-Based Networked Three-Tank System. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 2150-2157	4.8	50
112	Multi-Sensor Information Based Remaining Useful Life Prediction With Anticipated Performance. <i>IEEE Transactions on Reliability</i> , 2013 , 62, 183-198	4.6	48
111	Review on Diagnosis Techniques for Intermittent Faults in Dynamic Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 2337-2347	8.9	47
110	Event-based control and filtering of networked systems: A survey. <i>International Journal of Automation and Computing</i> , 2017 , 14, 239-253	3.5	45
109	Fault Diagnosis Techniques for Dynamic Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2009 , 35, 748-758		44
108	A New Scheme of Fault Detection for Linear Discrete Time-Varying Systems. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2597-2602	5.9	43
107	Event-Based Distributed Filtering Over Markovian Switching Topologies. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1595-1602	5.9	43
106	Robust Stability of Switched Nonlinear Systems With Switching Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2531-2537	5.9	40
105	Total projection to latent structures for process monitoring. <i>AIChE Journal</i> , 2009 , 56, NA-NA	3.6	39
104	Networked fault detection with random communication delays and packet losses. <i>International Journal of Systems Science</i> , 2008 , 39, 1045-1054	2.3	39
103	Specifying measurement errors for required lifetime estimation performance. <i>European Journal of Operational Research</i> , 2013 , 231, 631-644	5.6	38
102	Optimal filtering for networked systems with stochastic sensor gain degradation. <i>Automatica</i> , 2014 , 50, 1521-1525	5.7	37
101	Full Information Estimation for Time-Varying Systems Subject to Round-Robin Scheduling: A Recursive Filter Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1904-1916	7.2	37
100	Fault Detection and Isolation of the Brake Cylinder System for Electric Multiple Units. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 1744-1757	4.8	36
99	A Probabilistic Approach to Robust Fault Detection for a Class of Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3930-3939	8.9	33
98	Incipient Sensor Fault Diagnosis Using Moving Window Reconstruction-Based Contribution. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 2746-2759	3.9	33
97	A Novel Lifetime Estimation Method for Two-Phase Degrading Systems. <i>IEEE Transactions on Reliability</i> , 2019 , 68, 689-709	4.6	31

96	Hidden Markov Model-Based Statistics Pattern Analysis for Multimode Process Monitoring: An Index-Switching Scheme. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 11084-11095	3.9	31
95	Remaining Useful Life Prediction for Degradation Processes With Long-Range Dependence. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 1368-1379	4.6	29
94	Minimum-Variance Recursive Filtering Over Sensor Networks With Stochastic Sensor Gain Degradation: Algorithms and Performance Analysis. <i>IEEE Transactions on Control of Network Systems</i> , 2016 , 3, 265-274	4	27
93	Incipient sensor fault isolation based on augmented Mahalanobis distance. <i>Control Engineering Practice</i> , 2019 , 86, 144-154	3.9	27
92	Batch Process Modeling and Monitoring With Local Outlier Factor. <i>IEEE Transactions on Control Systems Technology</i> , 2019 , 27, 1552-1565	4.8	26
91	On the use of reconstruction-based contribution for fault diagnosis. <i>Journal of Process Control</i> , 2016 , 40, 24-34	3.9	25
90	Exponential Smoothing Reconstruction Approach for Incipient Fault Isolation. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 6353-6363	3.9	23
89	Lifetime prognostics for deteriorating systems with time-varying random jumps. <i>Reliability Engineering and System Safety</i> , 2017 , 167, 338-350	6.3	22
88	Dominant trend based logistic regression for fault diagnosis in nonstationary processes. <i>Control Engineering Practice</i> , 2017 , 66, 156-168	3.9	22
87	An H_{∞} Optimization Approach to Event-Triggered Fault Detection for Linear Discrete Time Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4464-4471	5.9	22
86	An improved non-Markovian degradation model with long-term dependency and item-to-item uncertainty. <i>Mechanical Systems and Signal Processing</i> , 2018 , 105, 467-480	7.8	21
85	Fault detection based on robust characteristic dimensionality reduction. <i>Control Engineering Practice</i> , 2019 , 84, 125-138	3.9	21
84	Distributed sensor fault diagnosis for a formation system with unknown constant time delays. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	21
83	Remaining Useful Life Prediction for Degradation Processes With Memory Effects. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 751-760	4.6	20
82	Incipient sensor fault diagnosis in multimode processes using conditionally independent Bayesian learning based recursive transformed component statistical analysis. <i>Journal of Process Control</i> , 2019 , 77, 7-19	3.9	19
81	Detection, isolation and diagnosability analysis of intermittent faults in stochastic systems. <i>International Journal of Control</i> , 2018 , 91, 480-494	1.5	19
80	Predicting remaining useful life based on a generalized degradation with fractional Brownian motion. <i>Mechanical Systems and Signal Processing</i> , 2019 , 115, 736-752	7.8	19
79	A class of observer-based fault diagnosis schemes under closed-loop control: performance evaluation and improvement. <i>IET Control Theory and Applications</i> , 2017 , 11, 135-141	2.5	19

78	Active Fault-Tolerant Control for a Quadrotor with Sensor Faults. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2017 , 88, 449-467	2.9	18
77	Recursive Filtering for Time-Varying Systems With Random Access Protocol. <i>IEEE Transactions on Automatic Control</i> , 2018 , 1-1	5.9	18
76	Iterative Consensus for a Class of Second-order Multi-agent Systems. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2014 , 73, 655-664	2.9	18
75	Online probabilistic operational safety assessment of multi-mode engineering systems using Bayesian methods. <i>Reliability Engineering and System Safety</i> , 2013 , 119, 150-157	6.3	18
74	Stability, \mathcal{L}_2 -Gain Analysis, and Parity Space-Based Fault Detection for Discrete-Time Switched Systems Under Dwell-Time Switching. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3358-3368	7.3	18
73	Fault-tolerant cooperative output regulation for multi-vehicle systems with sensor faults. <i>International Journal of Control</i> , 2017 , 90, 2227-2248	1.5	17
72	Fault-tolerant formation control of non-linear multi-vehicle systems with application to quadrotors. <i>IET Control Theory and Applications</i> , 2017 , 11, 3179-3190	2.5	16
71	FBM-Based Remaining Useful Life Prediction for Degradation Processes With Long-Range Dependence and Multiple Modes. <i>IEEE Transactions on Reliability</i> , 2019 , 68, 1021-1033	4.6	16
70	Detection of intermittent faults for linear stochastic systems subject to time-varying parametric perturbations. <i>IET Control Theory and Applications</i> , 2016 , 10, 903-910	2.5	15
69	Dynamic latent variable modeling for statistical process monitoring. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 12886-12891		15
68	Remaining useful life prediction for multi-component systems with hidden dependencies. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	15
67	Distributed sensor fault diagnosis for a formation of multi-vehicle systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 791-818	4	14
66	Detection of intermittent faults based on an optimally weighted moving average T2 control chart with stationary observations. <i>Automatica</i> , 2021 , 123, 109298	5.7	14
65	Dynamic Event-Triggered State Estimation for Continuous-Time Polynomial Nonlinear Systems With External Disturbances. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 3962-3970	11.9	14
64	Incipient fault detection of the high-speed train air brake system with a combined index. <i>Control Engineering Practice</i> , 2020 , 100, 104425	3.9	13
63	Distributed self-triggered formation control for multi-agent systems. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	13
62	Event-triggered filtering and intermittent fault detection for time-varying systems with stochastic parameter uncertainty and sensor saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 4666-4680	3.6	13
61	Distributed filtering for time-varying networked systems with sensor gain degradation and energy constraint: a centralized finite-time communication protocol scheme. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	13

60	Multimode process monitoring based on fault dependent variable selection and moving window-negative log likelihood probability. <i>Computers and Chemical Engineering</i> , 2020 , 136, 106787	4	12
59	A Novel Multi-Phase Stochastic Model for Lithium-Ion Batteries Degradation with Regeneration Phenomena. <i>Energies</i> , 2017 , 10, 1687	3.1	12
58	Compound-Fault Diagnosis of Rotating Machinery: A Fused Imbalance Learning Method. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 1462-1474	4.8	12
57	Isolating incipient sensor fault based on recursive transformed component statistical analysis. <i>Journal of Process Control</i> , 2018 , 64, 112-122	3.9	11
56	Detecting intermittent sensor faults for linear stochastic systems subject to unknown disturbance. <i>Journal of the Franklin Institute</i> , 2016 , 353, 4734-4753	4	11
55	Anomaly detection in the fan system of a thermal power plant monitored by continuous and two-valued variables. <i>Control Engineering Practice</i> , 2020 , 102, 104522	3.9	10
54	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 1184-1196	3.7	10
53	Practices of detecting and removing nuisance alarms for alarm overloading in thermal power plants. <i>Control Engineering Practice</i> , 2017 , 67, 21-30	3.9	10
52	Scalable Distributed Filtering for a Class of Discrete-Time Complex Networks Over Time-Varying Topology. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2930-2941	10.3	9
51	Intermittent sensor fault detection for stochastic LTV systems with parameter uncertainty and limited resolution. <i>International Journal of Control</i> , 2020 , 93, 788-796	1.5	9
50	Diagnosis of sensor precision degradation using Kullback-Leibler divergence. <i>Canadian Journal of Chemical Engineering</i> , 2018 , 96, 434-443	2.3	8
49	Quantised polynomial filtering for nonlinear systems with missing measurements. <i>International Journal of Control</i> , 2018 , 91, 2250-2260	1.5	8
48	Distributed fault estimation for delayed complex networks with Round-Robin protocol based on unknown input observer. <i>Journal of the Franklin Institute</i> , 2020 , 357, 8678-8702	4	8
47	Fault tolerant multivehicle formation control framework with applications in multiquadrotor systems. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	8
46	UKF-based remote state estimation for discrete artificial neural networks with communication bandwidth constraints. <i>Neural Networks</i> , 2018 , 108, 393-398	9.1	8
45	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 2226-2240	3.7	7
44	A New Local-Model-Based Distributed Fault Diagnosis Scheme for Multi-Agent Systems with Actuator Faults. <i>IFAC-PapersOnLine</i> , 2018 , 51, 292-299	0.7	7
43	. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 5867-5876	11.9	6

42	Process Monitoring Based on Orthogonal Locality Preserving Projection with Maximum Likelihood Estimation. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 5579-5587	3.9	6
41	Robust detection of intermittent sensor faults in stochastic LTV systems. <i>Neurocomputing</i> , 2020 , 388, 181-187	5.4	6
40	A Krein space-based approach to event-triggered H _∞ filtering for linear discrete time-varying systems. <i>Automatica</i> , 2022 , 135, 110001	5.7	6
39	Resilient Actuator Fault Estimation for Discrete-Time Complex Networks: A Distributed Approach. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4214-4221	5.9	6
38	Distributed Intermittent Fault Detection for Linear Stochastic Systems Over Sensor Network. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	6
37	Remaining useful life prediction for multivariable stochastic degradation systems with non-Markovian diffusion processes. <i>Quality and Reliability Engineering International</i> , 2020 , 36, 1402-1421 ^{2.6}	2.6	5
36	Reconstruction-based fault prognosis for flue gas turbines with independent component analysis. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014 , 9, 205-213	1.3	5
35	State estimation for time-delay systems with probabilistic sensor gain reductions. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2008 , 3, 712-716	1.3	5
34	Dynamic Stationary Subspace Analysis for Monitoring Nonstationary Dynamic Processes. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 20787-20797	3.9	5
33	Output-Relevant Common Trend Analysis for KPI-Related Nonstationary Process Monitoring With Applications to Thermal Power Plants. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6664-6675	11.9	5
32	Joint State and Fault Estimation of Complex Networks under Measurement Saturations and Stochastic Nonlinearities. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2022 , 1-1	2.8	4
31	Intermittent fault detection for discrete-time linear stochastic systems with time delay. <i>IET Control Theory and Applications</i> , 2020 , 14, 511-518	2.5	4
30	Intermittent Fault Detection with T2 Control Chart. <i>IFAC-PapersOnLine</i> , 2018 , 51, 1298-1304	0.7	4
29	Increment-based recursive transformed component statistical analysis for monitoring blast furnace iron-making processes: An index-switching scheme. <i>Control Engineering Practice</i> , 2018 , 77, 190-200	3.9	4
28	A Feature Weighted Mixed Naive Bayes Model for Monitoring Anomalies in the Fan System of a Thermal Power Plant. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022 , 9, 719-727	7	4
27	Robust Asymptotic Fault Estimation of Discrete-Time Interconnected Systems With Sensor Faults. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	3
26	Weighted part mutual information related component analysis for quality-related process monitoring. <i>Journal of Process Control</i> , 2020 , 88, 111-123	3.9	3
25	Continual Learning for Multimode Dynamic Process Monitoring With Applications to an Ultra-Supercritical Thermal Power Plant. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022 , 1-14	4.9	3

24	Detection and Isolation of Wheelset Intermittent Over-Creeps for Electric Multiple Units Based on a Weighted Moving Average Technique. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-14	6.1	3
23	Fault prognosis technology for non-Gaussian and nonlinear processes based on KICA reconstruction. <i>Canadian Journal of Chemical Engineering</i> , 2018 , 96, 515-520	2.3	3
22	Covariance eigenpairs neighbour distance for fault detection in chemical processes. <i>Canadian Journal of Chemical Engineering</i> , 2018 , 96, 455-462	2.3	2
21	Remaining useful life prediction for fractional degradation processes under varying modes. <i>Canadian Journal of Chemical Engineering</i> , 2020 , 98, 1351-1364	2.3	2
20	Detection of incipient faults in EMU braking system based on data domain description and variable control limit. <i>Neurocomputing</i> , 2020 , 383, 348-358	5.4	2
19	Detection and detectability of intermittent faults based on moving average T2 control charts with multiple window lengths. <i>Journal of Process Control</i> , 2020 , 92, 296-309	3.9	2
18	Fault detection of EMU brake cylinder 2016 ,		2
17	Robust detection of intermittent multiplicative sensor fault. <i>Asian Journal of Control</i> , 2021 , 23, 463-473	1.7	2
16	Observer-based fault estimation for a class of discrete-time switched affine systems: An application to the DC-DC converter. <i>Journal of the Franklin Institute</i> , 2021 , 358, 7992-8011	4	2
15	Recursive Hybrid Variable Monitoring for Fault Detection in Nonstationary Industrial Processes. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	2
14	Remaining useful life prediction for nonlinear degrading systems with maintenance 2017 ,		1
13	Preface of the fault detection, supervision and safety for chemical processes. <i>Canadian Journal of Chemical Engineering</i> , 2018 , 96, 424-425	2.3	1
12	Augmented mahalanobis distance for incipient fault detection of industrial processes 2017 ,		1
11	Integrated fault estimation and tolerant control for discrete-time switched affine systems with mixed switching laws. <i>Nonlinear Analysis: Hybrid Systems</i> , 2022 , 44, 101167	4.5	1
10	Detecting Intermittent Faults with Moving Average Techniques 2019 ,		1
9	Incipient Fault Detection for Air Brake System of High-Speed Trains. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 2026-2037	4.8	1
8	Performance-Driven Component Selection in the Framework of PCA for Process Monitoring: A Dynamic Selection Approach. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 1-15	4.8	1
7	Probabilistic Stationary Subspace Analysis for Monitoring Nonstationary Industrial Processes with Uncertainty. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1

6	Adaptive fault-tolerant control for nonlinear high-order fully-actuated systems. <i>Neurocomputing</i> , 2022 , 495, 75-85	5.4	1
5	Fault Detection, Supervision, and Safety for Chemical Processes: 2020. <i>Canadian Journal of Chemical Engineering</i> , 2020 , 98, 1267-1268	2.3	0
4	CoDriver ETA: Combine Driver Information in Estimated Time of Arrival by Driving Style Learning Auxiliary Task. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12	6.1	0
3	An Integrated Design Scheme for SKR based Data-Driven Dynamic Fault Detection Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	
2	Prognostics of fractional degradation processes with state-dependent delay. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 1748006X2110280	0.8	
1	Anomaly Monitoring of Nonstationary Processes With Continuous and Two-Valued Variables. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-10	7.3	