

Dong-Hua Zhou

List of Publications by Year in descending order

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163
papers

9,810
citations

44069

48
h-index

37204

96
g-index

163
all docs

163
docs citations

163
times ranked

5332
citing authors

#	ARTICLE	IF	CITATIONS
1	Remaining useful life estimation – A review on the statistical data driven approaches. European Journal of Operational Research, 2011, 213, 1-14.	5.7	1,615
2	Remaining Useful Life Estimation Based on a Nonlinear Diffusion Degradation Process. IEEE Transactions on Reliability, 2012, 61, 50-67.	4.6	460
3	A Wiener-process-based degradation model with a recursive filter algorithm for remaining useful life estimation. Mechanical Systems and Signal Processing, 2013, 35, 219-237.	8.0	362
4	Geometric properties of partial least squares for process monitoring. Automatica, 2010, 46, 204-210.	5.0	313
5	A Review on Recent Development of Spacecraft Attitude Fault Tolerant Control System. IEEE Transactions on Industrial Electronics, 2016, 63, 3311-3320.	7.9	301
6	Event-Based Recursive Distributed Filtering Over Wireless Sensor Networks. IEEE Transactions on Automatic Control, 2015, 60, 2470-2475.	5.7	234
7	Strong tracking filtering of nonlinear time-varying stochastic systems with coloured noise: application to parameter estimation and empirical robustness analysis. International Journal of Control, 1996, 65, 295-307.	1.9	225
8	Total projection to latent structures for process monitoring. AIChE Journal, 2010, 56, 168-178.	3.6	224
9	A degradation path-dependent approach for remaining useful life estimation with an exact and closed-form solution. European Journal of Operational Research, 2013, 226, 53-66.	5.7	215
10	A New Method of Dynamic Latent-Variable Modeling for Process Monitoring. IEEE Transactions on Industrial Electronics, 2014, 61, 6438-6445.	7.9	162
11	Moving Horizon Estimation for Networked Time-Delay Systems Under Round-Robin Protocol. IEEE Transactions on Automatic Control, 2019, 64, 5191-5198.	5.7	157
12	Moving Horizon Estimation With Unknown Inputs Under Dynamic Quantization Effects. IEEE Transactions on Automatic Control, 2020, 65, 5368-5375.	5.7	150
13	Moving horizon estimation with non-uniform sampling under component-based dynamic event-triggered transmission. Automatica, 2020, 120, 109154.	5.0	145
14	Generalized Reconstruction-Based Contributions for Output-Relevant Fault Diagnosis With Application to the Tennessee Eastman Process. IEEE Transactions on Control Systems Technology, 2011, 19, 1114-1127.	5.2	142
15	Least-Squares Fault Detection and Diagnosis for Networked Sensing Systems Using A Direct State Estimation Approach. IEEE Transactions on Industrial Informatics, 2013, 9, 1670-1679.	11.3	139
16	Incipient fault detection with smoothing techniques in statistical process monitoring. Control Engineering Practice, 2017, 62, 11-21.	5.5	137
17	On Kalman-Consensus Filtering With Random Link Failures Over Sensor Networks. IEEE Transactions on Automatic Control, 2018, 63, 2701-2708.	5.7	134
18	Key-Performance-Indicator-Related Process Monitoring Based on Improved Kernel Partial Least Squares. IEEE Transactions on Industrial Electronics, 2021, 68, 2626-2636.	7.9	131

#	ARTICLE	IF	CITATIONS
19	Moving Horizon Estimation of Networked Nonlinear Systems With Random Access Protocol. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2937-2948.	9.3	130
20	Quasi-Synchronization of Discrete-Time Lurá™e-Type Switched Systems With Parameter Mismatches and Relaxed PDT Constraints. IEEE Transactions on Cybernetics, 2020, 50, 2026-2037.	9.5	119
21	Recursive transformed component statistical analysis for incipient fault detection. Automatica, 2017, 80, 313-327.	5.0	116
22	Review on Diagnosis Techniques for Intermittent Faults in Dynamic Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 2337-2347.	7.9	115
23	HMM-Based \mathcal{H}_∞ Filtering for Discrete-Time Markov Jump LPV Systems Over Unreliable Communication Channels. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2035-2046.	9.3	109
24	Event-Based \mathcal{H}_∞ Consensus Control of Multi-Agent Systems With Relative Output Feedback: The Finite-Horizon Case. IEEE Transactions on Automatic Control, 2015, 60, 2553-2558.	5.7	107
25	Reconstruction based fault prognosis for continuous processes. Control Engineering Practice, 2010, 18, 1211-1219.	5.5	106
26	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
27	A Descriptor System Approach to Stability and Stabilization of Discrete-Time Switched PWA Systems. IEEE Transactions on Automatic Control, 2018, 63, 3456-3463.	5.7	102
28	Real-time Reliability Prediction for a Dynamic System Based on the Hidden Degradation Process Identification. IEEE Transactions on Reliability, 2008, 57, 230-242.	4.6	95
29	On Designing \mathcal{H}_∞ Fault Detection Filter for Linear Discrete Time-Varying Systems. IEEE Transactions on Automatic Control, 2010, 55, 1689-1695.	5.7	95
30	Contribution rate plot for nonlinear quality-related fault diagnosis with application to the hot strip mill process. Control Engineering Practice, 2013, 21, 360-369.	5.5	90
31	Control Performance Assessment for ILC-Controlled Batch Processes in a 2-D System Framework. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1493-1504.	9.3	82
32	Fault Diagnosis Techniques for Dynamic Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 35, 748-758.	0.3	81
33	Leakage Fault Diagnosis for an Internet-Based Three-Tank System: An Experimental Study. IEEE Transactions on Control Systems Technology, 2012, 20, 857-870.	5.2	77
34	Fault-Tolerant Control for an Internet-Based Three-Tank System: Accommodation to Sensor Bias Faults. IEEE Transactions on Industrial Electronics, 2017, 64, 2266-2275.	7.9	76
35	Distributed fault detection for a class of second-order multi-agent systems: an optimal robust observer approach. IET Control Theory and Applications, 2014, 8, 1032-1044.	2.1	74
36	Finite-Time Stabilizability and Instabilizability for Complex-Valued Memristive Neural Networks With Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2371-2382.	9.3	74

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37	Robust H_{∞} Filtering for Time-Delay Systems With Probabilistic Sensor Faults. IEEE Signal Processing Letters, 2009, 16, 442-445.	3.6	70
38	Active Fault-Tolerant Control for an Internet-Based Networked Three-Tank System. IEEE Transactions on Control Systems Technology, 2016, 24, 2150-2157.	5.2	69
39	Residual generation and evaluation of networked control systems subject to random packet dropout. Automatica, 2009, 45, 2427-2434.	5.0	68
40	A Residual Storage Life Prediction Approach for Systems With Operation State Switches. IEEE Transactions on Industrial Electronics, 2014, 61, 6304-6315.	7.9	68
41	A Novel Lifetime Estimation Method for Two-Phase Degrading Systems. IEEE Transactions on Reliability, 2019, 68, 689-709.	4.6	67
42	Fault Detection and Isolation of the Brake Cylinder System for Electric Multiple Units. IEEE Transactions on Control Systems Technology, 2018, 26, 1744-1757.	5.2	63
43	Event-Based Distributed Filtering Over Markovian Switching Topologies. IEEE Transactions on Automatic Control, 2019, 64, 1595-1602.	5.7	60
44	Full Information Estimation for Time-Varying Systems Subject to Round-Robin Scheduling: A Recursive Filter Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1904-1916.	9.3	60
45	Multi-Sensor Information Based Remaining Useful Life Prediction With Anticipated Performance. IEEE Transactions on Reliability, 2013, 62, 183-198.	4.6	58
46	Robust Stability of Switched Nonlinear Systems With Switching Uncertainties. IEEE Transactions on Automatic Control, 2016, 61, 2531-2537.	5.7	55
47	A New Scheme of Fault Detection for Linear Discrete Time-Varying Systems. IEEE Transactions on Automatic Control, 2016, 61, 2597-2602.	5.7	54
48	Event-based control and filtering of networked systems: A survey. International Journal of Automation and Computing, 2017, 14, 239-253.	4.5	53
49	Incipient sensor fault isolation based on augmented Mahalanobis distance. Control Engineering Practice, 2019, 86, 144-154.	5.5	48
50	Batch Process Modeling and Monitoring With Local Outlier Factor. IEEE Transactions on Control Systems Technology, 2019, 27, 1552-1565.	5.2	48
51	Dynamic Event-Triggered State Estimation for Continuous-Time Polynomial Nonlinear Systems With External Disturbances. IEEE Transactions on Industrial Informatics, 2021, 17, 3962-3970.	11.3	48
52	An H_2/H_{∞} Optimization Approach to Event-Triggered Fault Detection for Linear Discrete Time Systems. IEEE Transactions on Automatic Control, 2020, 65, 4464-4471.	5.7	47
53	Incipient Sensor Fault Diagnosis Using Moving Window Reconstruction-Based Contribution. Industrial & Engineering Chemistry Research, 2016, 55, 2746-2759.	3.7	45
54	Networked fault detection with random communication delays and packet losses. International Journal of Systems Science, 2008, 39, 1045-1054.	5.5	44

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55	Specifying measurement errors for required lifetime estimation performance. <i>European Journal of Operational Research</i> , 2013, 231, 631-644.	5.7	43
56	Remaining Useful Life Prediction for Degradation Processes With Long-Range Dependence. <i>IEEE Transactions on Reliability</i> , 2017, 66, 1368-1379.	4.6	43
57	Optimal filtering for networked systems with stochastic sensor gain degradation. <i>Automatica</i> , 2014, 50, 1521-1525.	5.0	41
58	Detection of intermittent faults based on an optimally weighted moving average $\sum_{i=1}^n T_i$ control chart with stationary observations. <i>Automatica</i> , 2021, 123, 109298.	5.0	39
59	Compound-Fault Diagnosis of Rotating Machinery: A Fused Imbalance Learning Method. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 1462-1474.	5.2	39
60	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.	3.7	38
61	A Probabilistic Approach to Robust Fault Detection for a Class of Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 3930-3939.	7.9	38
62	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.	3.4	37
63	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.	3.7	35
64	On the use of reconstruction-based contribution for fault diagnosis. <i>Journal of Process Control</i> , 2016, 40, 24-34.	3.3	34
65	Dominant trend based logistic regression for fault diagnosis in nonstationary processes. <i>Control Engineering Practice</i> , 2017, 66, 156-168.	5.5	33
66	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.	2.1	32
67	Distributed sensor fault diagnosis for a formation system with unknown constant time delays. <i>Science China Information Sciences</i> , 2018, 61, 1.	4.3	32
68	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.	8.0	31
69	Lifetime prognostics for deteriorating systems with time-varying random jumps. <i>Reliability Engineering and System Safety</i> , 2017, 167, 338-350.	8.9	30
70	Fault detection based on robust characteristic dimensionality reduction. <i>Control Engineering Practice</i> , 2019, 84, 125-138.	5.5	30
71	Resilient Actuator Fault Estimation for Discrete-Time Complex Networks: A Distributed Approach. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 4214-4221.	5.7	30
72	Fault-tolerant formation control of nonlinear multi-vehicle systems with application to quadrotors. <i>IET Control Theory and Applications</i> , 2017, 11, 3179-3190.	2.1	29

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73	Recursive Filtering for Time-Varying Systems with Random Access Protocol. IEEE Transactions on Automatic Control, 2018, , 1-1.	5.7	29
74	Exponential Smoothing Reconstruction Approach for Incipient Fault Isolation. Industrial & Engineering Chemistry Research, 2018, 57, 6353-6363.	3.7	28
75	Predicting remaining useful life based on a generalized degradation with fractional Brownian motion. Mechanical Systems and Signal Processing, 2019, 115, 736-752.	8.0	28
76	Stability, L_2 -Gain Analysis, and Parity Space-Based Fault Detection for Discrete-Time Switched Systems Under Dwell-Time Switching. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3358-3368.	9.3	28
77	Dynamic latent variable modeling for statistical process monitoring. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 12886-12891.	0.4	27
78	Remaining Useful Life Prediction for Degradation Processes With Memory Effects. IEEE Transactions on Reliability, 2017, 66, 751-760.	4.6	27
79	Detection, isolation and diagnosability analysis of intermittent faults in stochastic systems. International Journal of Control, 2018, 91, 480-494.	1.9	27
80	Distributed fault estimation for delayed complex networks with Round-Robin protocol based on unknown input observer. Journal of the Franklin Institute, 2020, 357, 8678-8702.	3.4	27
81	Multimode process monitoring based on fault dependent variable selection and moving window-negative log likelihood probability. Computers and Chemical Engineering, 2020, 136, 106787.	3.8	27
82	Incipient fault detection of the high-speed train air brake system with a combined index. Control Engineering Practice, 2020, 100, 104425.	5.5	26
83	Incipient sensor fault diagnosis in multimode processes using conditionally independent Bayesian learning based recursive transformed component statistical analysis. Journal of Process Control, 2019, 77, 7-19.	3.3	25
84	Distributed sensor fault diagnosis for a formation of multi-vehicle systems. Journal of the Franklin Institute, 2019, 356, 791-818.	3.4	25
85	Iterative Consensus for a Class of Second-order Multi-agent Systems. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 73, 655-664.	3.4	24
86	Practices of detecting and removing nuisance alarms for alarm overloading in thermal power plants. Control Engineering Practice, 2017, 67, 21-30.	5.5	24
87	Fault-tolerant cooperative output regulation for multi-vehicle systems with sensor faults. International Journal of Control, 2017, 90, 2227-2248.	1.9	24
88	Distributed Intermittent Fault Detection for Linear Stochastic Systems Over Sensor Network. IEEE Transactions on Cybernetics, 2022, 52, 9208-9218.	9.5	24
89	Dynamic Stationary Subspace Analysis for Monitoring Nonstationary Dynamic Processes. Industrial & Engineering Chemistry Research, 2020, 59, 20787-20797.	3.7	24
90	FBM-Based Remaining Useful Life Prediction for Degradation Processes With Long-Range Dependence and Multiple Modes. IEEE Transactions on Reliability, 2019, 68, 1021-1033.	4.6	23

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91	Remaining useful life prediction for multi-component systems with hidden dependencies. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	23
92	Performance-improved finite-time fault-tolerant control for linear uncertain systems with intermittent faults: an overshoot suppression strategy. <i>International Journal of Systems Science</i> , 2022, 53, 3408-3425.	5.5	23
93	Online probabilistic operational safety assessment of multi-mode engineering systems using Bayesian methods. <i>Reliability Engineering and System Safety</i> , 2013, 119, 150-157.	8.9	22
94	Robust Asymptotic Fault Estimation of Discrete-Time Interconnected Systems With Sensor Faults. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 1691-1700.	9.5	22
95	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.	5.5	22
96	Adaptive fault-tolerant control for nonlinear high-order fully-actuated systems. <i>Neurocomputing</i> , 2022, 495, 75-85.	5.9	21
97	Adaptive In-Flight Alignment of INS/GPS Systems for Aerial Mapping. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018, 54, 1184-1196.	4.7	19
98	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.	11.3	19
99	A Novel Multi-Phase Stochastic Model for Lithium-Ion Batteriesâ€™ Degradation with Regeneration Phenomena. <i>Energies</i> , 2017, 10, 1687.	3.1	18
100	Distributed self-triggered formation control for multi-agent systems. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	18
101	Detecting intermittent sensor faults for linear stochastic systems subject to unknown disturbance. <i>Journal of the Franklin Institute</i> , 2016, 353, 4734-4753.	3.4	17
102	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.	2.1	17
103	Isolating incipient sensor fault based on recursive transformed component statistical analysis. <i>Journal of Process Control</i> , 2018, 64, 112-122.	3.3	17
104	Probability Analysis of Fault Diagnosis Performance for Satellite Attitude Control Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 5867-5876.	11.3	17
105	Diagnosis of sensor precision degradation using Kullback-Leibler divergence. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 434-443.	1.7	16
106	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.	3.7	16
107	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.	11.3	16
108	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.	4.3	15

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109	Intermittent sensor fault detection for stochastic LTV systems with parameter uncertainty and limited resolution. <i>International Journal of Control</i> , 2020, 93, 788-796.	1.9	15
110	Probabilistic Stationary Subspace Analysis for Monitoring Nonstationary Industrial Processes with Uncertainty. <i>IEEE Transactions on Industrial Informatics</i> , 2021, , 1-1.	11.3	14
111	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, 8, 173-186.	2.8	14
112	Observer-Based PIGC for Missiles With Impact Angle Constraint. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 2226-2240.	4.7	13
113	A Krein space-based approach to event-triggered H^{∞} filtering for linear discrete time-varying systems. <i>Automatica</i> . 2022. 135. 110001.	5.0	13
114	Recursive Hybrid Variable Monitoring for Fault Detection in Nonstationary Industrial Processes. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 7296-7304.	11.3	13
115	Quantised polynomial filtering for nonlinear systems with missing measurements. <i>International Journal of Control</i> , 2018, 91, 2250-2260.	1.9	12
116	Intermittent fault detection for discrete-time linear stochastic systems with time delay. <i>IET Control Theory and Applications</i> , 2020, 14, 511-518.	2.1	12
117	A Feature Weighted Mixed Naïve 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.	13.1	12
118	UKF-based remote state estimation for discrete artificial neural networks with communication bandwidth constraints. <i>Neural Networks</i> , 2018, 108, 393-398.	5.9	11
119	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.	5.5	11
120	Process Monitoring Based on Orthogonal Locality Preserving Projection with Maximum Likelihood Estimation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 5579-5587.	3.7	11
121	Detection and detectability of intermittent faults based on moving average T^2 control charts with multiple window lengths. <i>Journal of Process Control</i> . 2020. 92. 296-309.	3.3	11
122	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> , 2022, 23, 3392-3405.	8.0	10
123	Fault tolerant multivehicle formation control framework with applications in multiquadrotor systems. <i>Science China Information Sciences</i> , 2018, 61, 1.	4.3	9
124	A New Local-Model-Based Distributed Fault Diagnosis Scheme for Multi-Agent Systems with Actuator Faults. <i>IFAC-PapersOnLine</i> , 2018, 51, 292-299.	0.9	9
125	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.	2.3	9
126	Robust detection of intermittent sensor faults in stochastic LTV systems. <i>Neurocomputing</i> , 2020, 388, 181-187.	5.9	9

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127	CoDriver ETA: Combine Driver Information in Estimated Time of Arrival by Driving Style Learning Auxiliary Task. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4037-4048.	8.0	9
128	Continual Learning for Multimode Dynamic Process Monitoring With Applications to an Ultra-Supercritical Thermal Power Plant. IEEE Transactions on Automation Science and Engineering, 2023, 20, 137-150.	5.2	9
129	Reconstruction-based fault prognosis for flue gas turbines with independent component analysis. Asia-Pacific Journal of Chemical Engineering, 2014, 9, 205-213.	1.5	8
130	Incipient Fault Detection for Air Brake System of High-Speed Trains. IEEE Transactions on Control Systems Technology, 2021, 29, 2026-2037.	5.2	8
131	Weighted part mutual information related component analysis for quality-related process monitoring. Journal of Process Control, 2020, 88, 111-123.	3.3	7
132	Performance-Driven Component Selection in the Framework of PCA for Process Monitoring: A Dynamic Selection Approach. IEEE Transactions on Control Systems Technology, 2022, 30, 1171-1185.	5.2	7
133	Adaptive Cointegration Analysis and Modified RPCA With Continual Learning Ability for Monitoring Multimode Nonstationary Processes. IEEE Transactions on Cybernetics, 2023, 53, 4841-4854.	9.5	7
134	Anomaly Monitoring of Nonstationary Processes With Continuous and Two-Valued Variables. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 49-58.	9.3	7
135	State estimation for time-delay systems with probabilistic sensor gain reductions. Asia-Pacific Journal of Chemical Engineering, 2008, 3, 712-716.	1.5	6
136	Fault prognosis technology for non-Gaussian and nonlinear processes based on KICA reconstruction. Canadian Journal of Chemical Engineering, 2018, 96, 515-520.	1.7	6
137	Intermittent Fault Detection with T Control Chart. IFAC-PapersOnLine, 2018, 51, 1298-1304.	0.9	6
138	Observer-based fault estimation for a class of discrete-time switched affine systems: An application to the DC-DC converter. Journal of the Franklin Institute, 2021, 358, 7992-8011.	3.4	6
139	Integrated fault estimation and tolerant control for discrete-time switched affine systems with mixed switching laws. Nonlinear Analysis: Hybrid Systems, 2022, 44, 101167.	3.5	6
140	Remaining useful life prediction for fractional degradation processes under varying modes. Canadian Journal of Chemical Engineering, 2020, 98, 1351-1364.	1.7	5
141	Fault detection of EMU brake cylinder. , 2016, , .		4
142	Remaining useful life prediction for nonlinear degrading systems with maintenance. , 2017, , .		4
143	Covariance eigenpairs neighbour distance for fault detection in chemical processes. Canadian Journal of Chemical Engineering, 2018, 96, 455-462.	1.7	4
144	Detection of incipient faults in EMU braking system based on data domain description and variable control limit. Neurocomputing, 2020, 383, 348-358.	5.9	4

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145	Active Fault-tolerant Control for Discrete-time Markov Jump LPV Systems via Time-varying Hidden Markov Model Approach. International Journal of Control, Automation and Systems, 2022, 20, 1785-1799.	2.7	4
146	Fault Detection, Supervision, and Safety for Chemical Processes: 2020. Canadian Journal of Chemical Engineering, 2020, 98, 1267-1268.	1.7	3
147	Preface of the fault detection, supervision and safety for chemical processes. Canadian Journal of Chemical Engineering, 2018, 96, 424-425.	1.7	2
148	Prognostics of Non-Markovian Degradation Processes with Fractal Property and Measurement Uncertainty. , 2018, , .		2
149	Multimode Process Monitoring with Mode Transition Constraints. , 2019, , .		2
150	Understanding the Fault in EMU Braking System. , 2019, , .		2
151	Robust detection of intermittent multiplicative sensor fault. Asian Journal of Control, 2021, 23, 463-473.	3.0	2
152	An Integrated Design Scheme for SKR-Based Data-Driven Dynamic Fault Detection Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 6828-6839.	11.3	2
153	Online Adaptive Fault Compensation Control for Underwater Vehicles with Parameter Perturbation and Intermittent Faults. , 2021, , .		2
154	Augmented mahalanobis distance for incipient fault detection of industrial processes. , 2017, , .		1
155	Detection of Incipient Leakage Fault in EMU Braking System. , 2019, , .		1
156	Fault-tolerant Cooperative Formation Control for Multi-agent Systems with Actuator Faults. , 2019, , .		1
157	Detecting Intermittent Faults with Moving Average Techniques. , 2019, , .		1
158	Sparse DiPCA for dynamic process monitoring. , 2021, , .		1
159	Dynamic Laplacian eigenmaps for process monitoring. , 2019, , .		0
160	Prognostics of fractional degradation processes with state-dependent delay. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 114-124.	0.7	0
161	Reduced Stationary Subspace Analysis for Anomaly Detection in Nonstationary Industrial Processes. , 2020, , .		0
162	Nonstationary Process Monitoring Using Sparse Stationary Subspace Analysis. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
163	Anomaly Monitoring of Mixture Variables: When Continuous Variables are Mixed Guassian. , 2021, , .		0