Dong-Hua Zhou

List of Publications by Year in Descending Order

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	Continual Learning for Multimode Dynamic Process Monitoring With Applications to an Ultra-Supercritical Thermal Power Plant. *IEEE Transactions on Automation Science and Engineering*, **2022**, 1-14	4.9	3
148	An Integrated Design Scheme for SKR based Data-Driven Dynamic Fault Detection Systems. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1	11.9	
147	Joint State and Fault Estimation of Complex Networks under Measurement Saturations and Stochastic Nonlinearities. *IEEE Transactions on Signal and Information Processing Over Networks*, **2022**, 1-1	2.8	4
146	Integrated fault estimation and tolerant control for discrete-time switched affine systems with mixed switching laws. *Nonlinear Analysis: Hybrid Systems*, **2022**, 44, 101167	4.5	1
145	A Krein space-based approach to event-triggered H∞ filtering for linear discrete time-varying systems. *Automatica*, **2022**, 135, 110001	5.7	6
144	Recursive Hybrid Variable Monitoring for Fault Detection in Nonstationary Industrial Processes. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1	11.9	2
143	A Feature Weighted Mixed Naive Bayes Model for Monitoring Anomalies in the Fan System of a Thermal Power Plant. *IEEE/CAA Journal of Automatica Sinica*, **2022**, 9, 719-727	7	4
142	Anomaly Monitoring of Nonstationary Processes With Continuous and Two-Valued Variables. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-10	7.3	
141	Adaptive fault-tolerant control for nonlinear high-order fully-actuated systems. *Neurocomputing*, **2022**, 495, 75-85	5.4	1
140	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	7.3	37
139	Key-Performance-Indicator-Related Process Monitoring Based on Improved Kernel Partial Least Squares. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 2626-2636	8.9	60
138	Incipient Fault Detection for Air Brake System of High-Speed Trains. *IEEE Transactions on Control Systems Technology*, **2021**, 29, 2026-2037	4.8	1
137	CoDriver ETA: Combine Driver Information in Estimated Time of Arrival by Driving Style Learning Auxiliary Task. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-12	6.1	0
136	Detection of intermittent faults based on an optimally weighted moving average T2 control chart with stationary observations. *Automatica*, **2021**, 123, 109298	5.7	14
135	Dynamic Event-Triggered State Estimation for Continuous-Time Polynomial Nonlinear Systems With External Disturbances. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 3962-3970	11.9	14
134	Compound-Fault Diagnosis of Rotating Machinery: A Fused Imbalance Learning Method. *IEEE Transactions on Control Systems Technology*, **2021**, 29, 1462-1474	4.8	12
133	Moving Horizon Estimation of Networked Nonlinear Systems With Random Access Protocol. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 2937-2948	7.3	86

132	Robust detection of intermittent multiplicative sensor fault. *Asian Journal of Control*, **2021**, 23, 463-473	1.7	2
131	Performance-Driven Component Selection in the Framework of PCA for Process Monitoring: A Dynamic Selection Approach. *IEEE Transactions on Control Systems Technology*, **2021**, 1-15	4.8	1
130	Resilient Actuator Fault Estimation for Discrete-Time Complex Networks: A Distributed Approach. *IEEE Transactions on Automatic Control*, **2021**, 66, 4214-4221	5.9	6
129	Output-Relevant Common Trend Analysis for KPI-Related Nonstationary Process Monitoring With Applications to Thermal Power Plants. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 6664-6675	11.9	5
128	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	4	2
127	Probabilistic Stationary Subspace Analysis for Monitoring Nonstationary Industrial Processes with Uncertainty. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	1
126	Distributed Intermittent Fault Detection for Linear Stochastic Systems Over Sensor Network. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	6
125	Incipient fault detection of the high-speed train air brake system with a combined index. *Control Engineering Practice*, **2020**, 100, 104425	3.9	13
124	Robust Asymptotic Fault Estimation of Discrete-Time Interconnected Systems With Sensor Faults. *IEEE Transactions on Cybernetics*, **2020**,	10.2	3
123	Distributed self-triggered formation control for multi-agent systems. *Science China Information Sciences*, **2020**, 63, 1	3.4	13
122	Weighted part mutual information related component analysis for quality-related process monitoring. *Journal of Process Control*, **2020**, 88, 111-123	3.9	3
121	Multimode process monitoring based on fault dependent variable selection and moving window-negative log likelihood probability. *Computers and Chemical Engineering*, **2020**, 136, 106787	4	12
120	Anomaly detection in the fan system of a thermal power plant monitored by continuous and two-valued variables. *Control Engineering Practice*, **2020**, 102, 104522	3.9	10
119	Remaining useful life prediction for multivariable stochastic degradation systems with non-Markovian diffusion processes. *Quality and Reliability Engineering International*, **2020**, 36, 1402-1421	2.6	5
118	Robust detection of intermittent sensor faults in stochastic LTV systems. *Neurocomputing*, **2020**, 388, 181-187	5.4	6
117	Moving Horizon Estimation With Unknown Inputs Under Dynamic Quantization Effects. *IEEE Transactions on Automatic Control*, **2020**, 65, 5368-5375	5.9	115
116	Fault Detection, Supervision, and Safety for Chemical Processes: 2020. *Canadian Journal of Chemical Engineering*, **2020**, 98, 1267-1268	2.3	0
115	Detection and Isolation of Wheelset Intermittent Over-Creeps for Electric Multiple Units Based on a Weighted Moving Average Technique. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-14	6.1	3

114	Dynamic Stationary Subspace Analysis for Monitoring Nonstationary Dynamic Processes. *Industrial & Engineering Chemistry Research*, **2020**, 59, 20787-20797	3.9	5
113	Intermittent fault detection for discrete- time linear stochastic systems with time delay. *IET Control Theory and Applications*, **2020**, 14, 511-518	2.5	4
112	Scalable Distributed Filtering for a Class of Discrete-Time Complex Networks Over Time-Varying Topology. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2930-2941	10.3	9
111	Remaining useful life prediction for fractional degradation processes under varying modes. *Canadian Journal of Chemical Engineering*, **2020**, 98, 1351-1364	2.3	2
110	Fault-Tolerant Cooperative Control of Multiagent Systems: A Survey of Trends and Methodologies. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 4-17	11.9	52
109	Detection of incipient faults in EMU braking system based on data domain description and variable control limit. *Neurocomputing*, **2020**, 383, 348-358	5.4	2
108	Detection and detectability of intermittent faults based on moving average T2 control charts with multiple window lengths. *Journal of Process Control*, **2020**, 92, 296-309	3.9	2
107	An $H_{i}/H_{infty }$ Optimization Approach to Event-Triggered Fault Detection for Linear Discrete Time Systems. *IEEE Transactions on Automatic Control*, **2020**, 65, 4464-4471	5.9	22
106	Moving horizon estimation with non-uniform sampling under component-based dynamic event-triggered transmission. *Automatica*, **2020**, 120, 109154	5.7	99
105	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	4	8
104	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	7.3	18
103	Review on Diagnosis Techniques for Intermittent Faults in Dynamic Systems. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 2337-2347	8.9	47
102	Intermittent sensor fault detection for stochastic LTV systems with parameter uncertainty and limited resolution. *International Journal of Control*, **2020**, 93, 788-796	1.5	9
101	Quasi-Synchronization of Discrete-Time Lur'e-Type Switched Systems With Parameter Mismatches and Relaxed PDT Constraints. *IEEE Transactions on Cybernetics*, **2020**, 50, 2026-2037	10.2	98
100	Moving Horizon Estimation for Networked Time-Delay Systems Under Round-Robin Protocol. *IEEE Transactions on Automatic Control*, **2019**, 64, 5191-5198	5.9	126
99	. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 5867-5876	11.9	6
98	Process Monitoring Based on Orthogonal Locality Preserving Projection with Maximum Likelihood Estimation. *Industrial & Engineering Chemistry Research*, **2019**, 58, 5579-5587	3.9	6
97	Incipient sensor fault isolation based on augmented Mahalanobis distance. *Control Engineering Practice*, **2019**, 86, 144-154	3.9	27

96	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	3.9	19
95	A Novel Lifetime Estimation Method for Two-Phase Degrading Systems. *IEEE Transactions on Reliability*, **2019**, 68, 689-709	4.6	31
94	Predicting remaining useful life based on a generalized degradation with fractional Brownian motion. *Mechanical Systems and Signal Processing*, **2019**, 115, 736-752	7.8	19
93	Event-Based Distributed Filtering Over Markovian Switching Topologies. *IEEE Transactions on Automatic Control*, **2019**, 64, 1595-1602	5.9	43
92	Detecting Intermittent Faults with Moving Average Techniques **2019**,		1
91	Fault detection based on robust characteristic dimensionality reduction. *Control Engineering Practice*, **2019**, 84, 125-138	3.9	21
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	16
89	Remaining useful life prediction for multi-component systems with hidden dependencies. *Science China Information Sciences*, **2019**, 62, 1	3.4	15
88	. *IEEE Transactions on Aerospace and Electronic Systems*, **2019**, 55, 2226-2240	3.7	7
87	Batch Process Modeling and Monitoring With Local Outlier Factor. *IEEE Transactions on Control Systems Technology*, **2019**, 27, 1552-1565	4.8	26
86	Distributed sensor fault diagnosis for a formation of multi-vehicle systems. *Journal of the Franklin Institute*, **2019**, 356, 791-818	4	14
85	. *IEEE Transactions on Aerospace and Electronic Systems*, **2018**, 54, 1184-1196	3.7	10
84	Exponential Smoothing Reconstruction Approach for Incipient Fault Isolation. *Industrial & Engineering Chemistry Research*, **2018**, 57, 6353-6363	3.9	23
83	A Descriptor System Approach to Stability and Stabilization of Discrete-Time Switched PWA Systems. *IEEE Transactions on Automatic Control*, **2018**, 63, 3456-3463	5.9	86
82	An improved non-Markovian degradation model with long-term dependency and item-to-item uncertainty. *Mechanical Systems and Signal Processing*, **2018**, 105, 467-480	7.8	21
81	On Kalman-Consensus Filtering With Random Link Failures Over Sensor Networks. *IEEE Transactions on Automatic Control*, **2018**, 63, 2701-2708	5.9	82
80	Preface of the fault detection, supervision and safety for chemical processes. *Canadian Journal of Chemical Engineering*, **2018**, 96, 424-425	2.3	1
79	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	7.3	60

78	Isolating incipient sensor fault based on recursive transformed component statistical analysis. *Journal of Process Control*, **2018**, 64, 112-122	3.9	11
77	Detection, isolation and diagnosability analysis of intermittent faults in stochastic systems. *International Journal of Control*, **2018**, 91, 480-494	1.5	19
76	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	7.3	61
75	Diagnosis of sensor precision degradation using Kullback-Leibler divergence. *Canadian Journal of Chemical Engineering*, **2018**, 96, 434-443	2.3	8
74	Quantised polynomial filtering for nonlinear systems with missing measurements. *International Journal of Control*, **2018**, 91, 2250-2260	1.5	8
73	Covariance eigenpairs neighbour distance for fault detection in chemical processes. *Canadian Journal of Chemical Engineering*, **2018**, 96, 455-462	2.3	2
72	Fault Detection and Isolation of the Brake Cylinder System for Electric Multiple Units. *IEEE Transactions on Control Systems Technology*, **2018**, 26, 1744-1757	4.8	36
71	Event-triggered filtering and intermittent fault detection for time-varying systems with stochastic parameter uncertainty and sensor saturation. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 4666-4680	3.6	13
70	Recursive Filtering for Time-Varying Systems With Random Access Protocol. *IEEE Transactions on Automatic Control*, **2018**, 1-1	5.9	18
69	HMM-Based $mathcal{H}_{infty}$ Filtering for Discrete-Time Markov Jump LPV Systems Over Unreliable Communication Channels. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2035-2046	7.3	88
68	Fault prognosis technology for non-Gaussian and nonlinear processes based on KICA reconstruction. *Canadian Journal of Chemical Engineering*, **2018**, 96, 515-520	2.3	3
67	Fault tolerant multivehicle formation control framework with applications in multiquadrotor systems. *Science China Information Sciences*, **2018**, 61, 1	3.4	8
66	Intermittent Fault Detection with T2 Control Chart. *IFAC-PapersOnLine*, **2018**, 51, 1298-1304	0.7	4
65	A New Local-Model-Based Distributed Fault Diagnosis Scheme for Multi-Agent Systems with Actuator Faults. *IFAC-PapersOnLine*, **2018**, 51, 292-299	0.7	7
64	Distributed filtering for time-varying networked systems with sensor gain degradation and energy constraint: a centralized finite-time communication protocol scheme. *Science China Information Sciences*, **2018**, 61, 1	3.4	13
63	Distributed sensor fault diagnosis for a formation system with unknown constant time delays. *Science China Information Sciences*, **2018**, 61, 1	3.4	21
62	UKF-based remote state estimation for discrete artificial neural networks with communication bandwidth constraints. *Neural Networks*, **2018**, 108, 393-398	9.1	8
61	Increment-based recursive transformed component statistical analysis for monitoring blast furnace iron-making processes: An index-switching scheme. *Control Engineering Practice*, **2018**, 77, 190-200	3.9	4

60	Active Fault-Tolerant Control for a Quadrotor with Sensor Faults. *Journal of Intelligent and Robotic Systems: Theory and Applications*, **2017**, 88, 449-467	2.9	18
59	Lifetime prognostics for deteriorating systems with time-varying random jumps. *Reliability Engineering and System Safety*, **2017**, 167, 338-350	6.3	22
58	Recursive transformed component statistical analysis for incipient fault detection. *Automatica*, **2017**, 80, 313-327	5.7	83
57	Incipient fault detection with smoothing techniques in statistical process monitoring. *Control Engineering Practice*, **2017**, 62, 11-21	3.9	93
56	A Probabilistic Approach to Robust Fault Detection for a Class of Nonlinear Systems. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 3930-3939	8.9	33
55	Remaining useful life prediction for nonlinear degrading systems with maintenance **2017**,		1
54	Fault-tolerant formation control of non-linear multi-vehicle systems with application to quadrotors. *IET Control Theory and Applications*, **2017**, 11, 3179-3190	2.5	16
53	Dominant trend based logistic regression for fault diagnosis in nonstationary processes. *Control Engineering Practice*, **2017**, 66, 156-168	3.9	22
52	Practices of detecting and removing nuisance alarms for alarm overloading in thermal power plants. *Control Engineering Practice*, **2017**, 67, 21-30	3.9	10
51	Remaining Useful Life Prediction for Degradation Processes With Memory Effects. *IEEE Transactions on Reliability*, **2017**, 66, 751-760	4.6	20
50	Event-based control and filtering of networked systems: A survey. *International Journal of Automation and Computing*, **2017**, 14, 239-253	3.5	45
49	Fault-Tolerant Control for an Internet-Based Three-Tank System: Accommodation to Sensor Bias Faults. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 2266-2275	8.9	52
48	Fault-tolerant cooperative output regulation for multi-vehicle systems with sensor faults. *International Journal of Control*, **2017**, 90, 2227-2248	1.5	17
47	A class of observer-based fault diagnosis schemes under closed-loop control: performance evaluation and improvement. *IET Control Theory and Applications*, **2017**, 11, 135-141	2.5	19
46	Remaining Useful Life Prediction for Degradation Processes With Long-Range Dependence. *IEEE Transactions on Reliability*, **2017**, 66, 1368-1379	4.6	29
45	Augmented mahalanobis distance for incipient fault detection of industrial processes **2017**,		1
44	A Novel Multi-Phase Stochastic Model for Lithium-Ion Batteries Degradation with Regeneration Phenomena. *Energies*, **2017**, 10, 1687	3.1	12
43	Minimum-Variance Recursive Filtering Over Sensor Networks With Stochastic Sensor Gain Degradation: Algorithms and Performance Analysis. *IEEE Transactions on Control of Network Systems*, **2016**, 3, 265-274	4	27

42	Detecting intermittent sensor faults for linear stochastic systems subject to unknown disturbance. *Journal of the Franklin Institute*, **2016**, 353, 4734-4753	4	11
41	Detection of intermittent faults for linear stochastic systems subject to time-varying parametric perturbations. *IET Control Theory and Applications*, **2016**, 10, 903-910	2.5	15
40	A New Scheme of Fault Detection for Linear Discrete Time-Varying Systems. *IEEE Transactions on Automatic Control*, **2016**, 61, 2597-2602	5.9	43
39	Incipient Sensor Fault Diagnosis Using Moving Window Reconstruction-Based Contribution. *Industrial & Engineering Chemistry Research*, **2016**, 55, 2746-2759	3.9	33
38	On the use of reconstruction-based contribution for fault diagnosis. *Journal of Process Control*, **2016**, 40, 24-34	3.9	25
37	A Review on Recent Development of Spacecraft Attitude Fault Tolerant Control System. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 3311-3320	8.9	181
36	Active Fault-Tolerant Control for an Internet-Based Networked Three-Tank System. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 2150-2157	4.8	50
35	Robust Stability of Switched Nonlinear Systems With Switching Uncertainties. *IEEE Transactions on Automatic Control*, **2016**, 61, 2531-2537	5.9	40
34	Fault detection of EMU brake cylinder **2016**,		2
33	Event-Based Recursive Distributed Filtering Over Wireless Sensor Networks. *IEEE Transactions on Automatic Control*, **2015**, 60, 2470-2475	5.9	181
32	Event-Based H_{infty} Consensus Control of Multi-Agent Systems With Relative Output Feedback: The Finite-Horizon Case. *IEEE Transactions on Automatic Control*, **2015**, 60, 2553-2558	5.9	85
31	Optimal filtering for networked systems with stochastic sensor gain degradation. *Automatica*, **2014** , 50, 1521-1525	5.7	37
30	A New Method of Dynamic Latent-Variable Modeling for Process Monitoring. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 6438-6445	8.9	109
29	Hidden Markov Model-Based Statistics Pattern Analysis for Multimode Process Monitoring: An Index-Switching Scheme. *Industrial & Engineering Chemistry Research*, **2014**, 53, 11084-11095	3.9	31
28	. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 6304-6315	8.9	53
27	Iterative Consensus for a Class of Second-order Multi-agent Systems. *Journal of Intelligent and Robotic Systems: Theory and Applications*, **2014**, 73, 655-664	2.9	18
26	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	2.5	52
25	Reconstruction-based fault prognosis for flue gas turbines with independent component analysis. *Asia-Pacific Journal of Chemical Engineering*, **2014**, 9, 205-213	1.3	5

24	Contribution rate plot for nonlinear quality-related fault diagnosis with application to the hot strip mill process. *Control Engineering Practice*, **2013**, 21, 360-369	3.9	76
23	Online probabilistic operational safety assessment of multi-mode engineering systems using Bayesian methods. *Reliability Engineering and System Safety*, **2013**, 119, 150-157	6.3	18
22	Specifying measurement errors for required lifetime estimation performance. *European Journal of Operational Research*, **2013**, 231, 631-644	5.6	38
21	Multi-Sensor Information Based Remaining Useful Life Prediction With Anticipated Performance. *IEEE Transactions on Reliability*, **2013**, 62, 183-198	4.6	48
20	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	11.9	113
19	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	7.8	265
18	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	5.6	158
17	. *IEEE Transactions on Reliability*, **2012**, 61, 50-67	4.6	320
16	Leakage Fault Diagnosis for an Internet-Based Three-Tank System: An Experimental Study. *IEEE Transactions on Control Systems Technology*, **2012**, 20, 857-870	4.8	56
15	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	4.8	123
14	Dynamic latent variable modeling for statistical process monitoring. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 12886-12891		15
13	Remaining useful life estimation □A review on the statistical data driven approaches. *European Journal of Operational Research*, **2011**, 213, 1-14	5.6	1163
12	On Designing H_{infty} Fault Detection Filter for Linear Discrete Time-Varying Systems. *IEEE Transactions on Automatic Control*, **2010**, 55, 1689-1695	5.9	75
11	Geometric properties of partial least squares for process monitoring. *Automatica*, **2010**, 46, 204-210	5.7	241
10	Reconstruction based fault prognosis for continuous processes. *Control Engineering Practice*, **2010**, 18, 1211-1219	3.9	86
9	Total projection to latent structures for process monitoring. *AICHE Journal*, **2009**, 56, NA-NA	3.6	39
8	Residual generation and evaluation of networked control systems subject to random packet dropout. *Automatica*, **2009**, 45, 2427-2434	5.7	59
7	Robust H_{infty} Filtering for Time-Delay Systems With Probabilistic Sensor Faults. *IEEE Signal Processing Letters*, **2009**, 16, 442-445	3.2	63

6	Fault Diagnosis Techniques for Dynamic Systems. *Zidonghua Xuebao/Acta Automatica Sinica*, **2009**, 35, 748-758		44
5	. *IEEE Transactions on Reliability*, **2008**, 57, 230-242	4.6	80
4	Networked fault detection with random communication delays and packet losses. *International Journal of Systems Science*, **2008**, 39, 1045-1054	2.3	39
3	State estimation for time-delay systems with probabilistic sensor gain reductions. *Asia-Pacific Journal of Chemical Engineering*, **2008**, 3, 712-716	1.3	5
2	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	1.5	181
1	Prognostics of fractional degradation processes with state-dependent delay. *Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability*,1748006X2110280	0.8	