

Jing Lin

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.

38
papers

4,029
citations

19
h-index

48
g-index

48
ext. papers

5,147
ext. citations

5.1
avg, IF

6
L-index

#	Paper	IF	Citations
38	Robustness of maintenance support service networks: attributes, evaluation and improvement. <i>Reliability Engineering and System Safety</i> , 2021 , 210, 107526	6.3	1
37	Restoration of smart grids: Current status, challenges, and opportunities. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 143, 110909	16.2	19
36	A novel approach of multisensory fusion to collaborative fault diagnosis in maintenance. <i>Information Fusion</i> , 2021 , 74, 65-76	16.7	43
35	End-to-end unsupervised fault detection using a flow-based model. <i>Reliability Engineering and System Safety</i> , 2021 , 215, 107805	6.3	5
34	An Improved Cohesive Zone Model for Interface Mixed-Mode Fractures of Railway Slab Tracks. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 456	2.6	1
33	Compound fault diagnosis for a rolling bearing using adaptive DTCWPT with higher order spectra. <i>Quality Engineering</i> , 2020 , 32, 342-353	1.4	5
32	Transfer fault diagnosis of bearing installed in different machines using enhanced deep auto-encoder. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 152, 107393	4.6	44
31	Deep transfer multi-wavelet auto-encoder for intelligent fault diagnosis of gearbox with few target training samples. <i>Knowledge-Based Systems</i> , 2020 , 191, 105313	7.3	76
30	Data-driven approach to study the polygonization of high-speed railway train wheel-sets using field data of China's HSR train. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 149, 107022	4.6	14
29	An Active Learning Method Based on Uncertainty and Complexity for Gearbox Fault Diagnosis. <i>IEEE Access</i> , 2019 , 7, 9022-9031	3.5	10
28	. <i>IEEE Access</i> , 2019 , 7, 37611-37619	3.5	10
27	Application of Bayesian Networks in Reliability Evaluation. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2146-2157	11.9	83
26	System availability assessment using a parametric Bayesian approach: a case study of balling drums. <i>International Journal of Systems Assurance Engineering and Management</i> , 2019 , 10, 739-745	1.3	
25	A Dynamic Prescriptive Maintenance Model Considering System Aging and Degradation. <i>IEEE Access</i> , 2019 , 7, 94931-94943	3.5	17
24	Deep Learning for Track Quality Evaluation of High-Speed Railway Based on Vehicle-Body Vibration Prediction. <i>IEEE Access</i> , 2019 , 7, 185099-185107	3.5	26
23	. <i>IEEE Access</i> , 2019 , 7, 162415-162438	3.5	64
22	A neural network constructed by deep learning technique and its application to intelligent fault diagnosis of machines. <i>Neurocomputing</i> , 2018 , 272, 619-628	5.4	273

21	Adaptive kernel density-based anomaly detection for nonlinear systems. <i>Knowledge-Based Systems</i> , 2018 , 139, 50-63	7.3	58
20	A multivariate encoder information based convolutional neural network for intelligent fault diagnosis of planetary gearboxes. <i>Knowledge-Based Systems</i> , 2018 , 160, 237-250	7.3	75
19	A Dynamic Maintenance Strategy for Prognostics and Health Management of Degrading Systems: Application in Locomotive Wheel-sets 2018 ,		3
18	A recurrent neural network based health indicator for remaining useful life prediction of bearings. <i>Neurocomputing</i> , 2017 , 240, 98-109	5.4	517
17	Reliability evaluation of non-repairable phased-mission common bus systems with common cause failures. <i>Computers and Industrial Engineering</i> , 2017 , 111, 445-457	6.4	38
16	IN2CLOUD: A novel concept for collaborative management of big railway data. <i>Frontiers of Engineering Management</i> , 2017 , 4, 428	2.7	11
15	Evaluating the measurement capability of a wheel profile measurement system by using GR&R. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 92, 19-27	4.6	18
14	. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 3137-3147	8.9	661
13	Bayesian Reliability with MCMC: Opportunities and Challenges. <i>Lecture Notes in Mechanical Engineering</i> , 2016 , 575-585	0.4	1
12	Sliding Window-Based Fault Detection From High-Dimensional Data Streams. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 1-15	7.3	31
11	Bayesian semi-parametric analysis for locomotive wheel degradation using gamma frailties. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2015 , 229, 237-247	1.4	7
10	An angle-based subspace anomaly detection approach to high-dimensional data: With an application to industrial fault detection. <i>Reliability Engineering and System Safety</i> , 2015 , 142, 482-497	6.3	27
9	Reliability analysis for preventive maintenance based on classical and Bayesian semi-parametric degradation approaches using locomotive wheel-sets as a case study. <i>Reliability Engineering and System Safety</i> , 2015 , 134, 143-156	6.3	37
8	2014 ,		3
7	An Integrated Procedure for Bayesian Reliability Inference Using MCMC. <i>Journal of Quality and Reliability Engineering</i> , 2014 , 2014, 1-16		3
6	Reliability Analysis for Degradation of Locomotive Wheels using Parametric Bayesian Approach. <i>Quality and Reliability Engineering International</i> , 2014 , 30, 657-667	2.6	29
5	A review on empirical mode decomposition in fault diagnosis of rotating machinery. <i>Mechanical Systems and Signal Processing</i> , 2013 , 35, 108-126	7.8	1046
4	House of maintenance management in mining industry 2011 ,		1

- 3 . *IEEE Transactions on Reliability*, **2008**, 57, 388-393 4.6 10
- 2 Bayesian analysis of constant stress AFT for Weibull distribution using Gibbs sampling **2007**, 1
- 1 Wavelet filter-based weak signature detection method and its application on rolling element bearing prognostics. *Journal of Sound and Vibration*, **2006**, 289, 1066-1090 3.9 758