

Naipeng Li

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7505806/naipeng-li-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

4,268
citations

23
h-index

43
g-index

43
ext. papers

6,194
ext. citations

6.2
avg. IF

6.51
L-index

#	Paper	IF	Citations
38	A self-data-driven method for remaining useful life prediction of wind turbines considering continuously varying speeds. <i>Mechanical Systems and Signal Processing</i> , 2022 , 165, 108315	7.8	2
37	Online joint replacement-order optimization driven by a nonlinear ensemble remaining useful life prediction method. <i>Mechanical Systems and Signal Processing</i> , 2022 , 173, 109053	7.8	3
36	Data-driven fault diagnosis method based on the conversion of erosion operation signals into images and convolutional neural network. <i>Chemical Engineering Research and Design</i> , 2021 , 149, 591-601	5.5	36
35	Multiscale Convolutional Attention Network for Predicting Remaining Useful Life of Machinery. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7496-7504	8.9	44
34	Remaining useful life prediction based on a multi-sensor data fusion model. <i>Reliability Engineering and System Safety</i> , 2021 , 208, 107249	6.3	22
33	Deep partial transfer learning network: A method to selectively transfer diagnostic knowledge across related machines. <i>Mechanical Systems and Signal Processing</i> , 2021 , 156, 107618	7.8	15
32	Degradation modeling and remaining useful life prediction for dependent competing failure processes. <i>Reliability Engineering and System Safety</i> , 2021 , 212, 107638	6.3	24
31	Multi-Sensor Data-Driven Remaining Useful Life Prediction of Semi-Observable Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 11482-11491	8.9	6
30	Subdomain Adaptation Transfer Learning Network for Fault Diagnosis of Roller Bearings. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	14
29	Joint maintenance and spare parts inventory optimization for multi-unit systems considering imperfect maintenance actions. <i>Reliability Engineering and System Safety</i> , 2020 , 202, 106994	6.3	18
28	Recurrent convolutional neural network: A new framework for remaining useful life prediction of machinery. <i>Neurocomputing</i> , 2020 , 379, 117-129	5.4	73
27	. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 9747-9757	8.9	63
26	Applications of machine learning to machine fault diagnosis: A review and roadmap. <i>Mechanical Systems and Signal Processing</i> , 2020 , 138, 106587	7.8	556
25	A Hybrid Prognostics Approach for Estimating Remaining Useful Life of Rolling Element Bearings. <i>IEEE Transactions on Reliability</i> , 2020 , 69, 401-412	4.6	314
24	Deep separable convolutional network for remaining useful life prediction of machinery. <i>Mechanical Systems and Signal Processing</i> , 2019 , 134, 106330	7.8	102
23	A Wiener-Process-Model-Based Method for Remaining Useful Life Prediction Considering Unit-to-Unit Variability. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 2092-2101	8.9	79
22	Remaining useful life prediction of machinery under time-varying operating conditions based on a two-factor state-space model. <i>Reliability Engineering and System Safety</i> , 2019 , 186, 88-100	6.3	39

21	Remaining Useful Life Prediction Based on Deep Residual Attention Network 2019 ,		1
20	Applications of stochastic resonance to machinery fault detection: A review and tutorial. <i>Mechanical Systems and Signal Processing</i> , 2019 , 122, 502-536	7.8	123
19	. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7316-7325	8.9	418
18	Machinery health indicator construction based on convolutional neural networks considering trend burr. <i>Neurocomputing</i> , 2018 , 292, 142-150	5.4	115
17	Machinery health prognostics: A systematic review from data acquisition to RUL prediction. <i>Mechanical Systems and Signal Processing</i> , 2018 , 104, 799-834	7.8	758
16	A recurrent neural network based health indicator for remaining useful life prediction of bearings. <i>Neurocomputing</i> , 2017 , 240, 98-109	5.4	517
15	Remaining Useful Life Prediction Based on a General Expression of Stochastic Process Models. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 5709-5718	8.9	59
14	An improved fusion prognostics method for remaining useful life prediction of bearings 2017 ,		6
13	Deep convolution feature learning for health indicator construction of bearings 2017 ,		14
12	A Distance Metric Learning Based Health Indicator for Health Prognostics of Bearings 2017 ,		2
11	Incipient Fault Detection for Rolling Element Bearings under Varying Speed Conditions. <i>Materials</i> , 2017 , 10,	3.5	10
10	A New Method Based on Stochastic Process Models for Machine Remaining Useful Life Prediction. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2016 , 65, 2671-2684	5.2	124
9	A Model-Based Method for Remaining Useful Life Prediction of Machinery. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 1314-1326	4.6	234
8	Health condition identification of multi-stage planetary gearboxes using a mRVM-based method. <i>Mechanical Systems and Signal Processing</i> , 2015 , 60-61, 289-300	7.8	61
7	. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 7762-7773	8.9	261
6	Two new features for condition monitoring and fault diagnosis of planetary gearboxes. <i>JVC/Journal of Vibration and Control</i> , 2015 , 21, 755-764	2	34
5	A nonlinear degradation model based method for remaining useful life prediction of rolling element bearings 2015 ,		5
4	Fault Detection of Planetary Gearboxes Based on an Adaptive Ensemble Empirical Mode Decomposition. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 837-848	0.4	1

3	A particle filtering-based approach for remaining useful life predication of rolling element bearings 2014,		1
2	Fault diagnosis of rotating machinery based on an adaptive ensemble empirical mode decomposition. <i>Sensors</i> , 2013 , 13, 16950-64	3.8	64
1	A new fault diagnosis method based on adaptive spectrum mode extraction. <i>Structural Health Monitoring</i> ,147592172098694	4.4	45