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List of Publications by Year in descending order

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papers

745
citations

759233

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23
docs citations

23
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent Fault Diagnosis of Gearbox Under Variable Working Conditions With Adaptive Intra-class and Interclass Convolutional Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6339-6353.	11.3	45
2	Self-supervised pretraining via contrast learning for intelligent incipient fault detection of bearings. Reliability Engineering and System Safety, 2022, 218, 108126.	8.9	76
3	A novel time-frequency Transformer based on self-attention mechanism and its application in fault diagnosis of rolling bearings. Mechanical Systems and Signal Processing, 2022, 168, 108616.	8.0	120
4	Transfer Learning for Remaining Useful Life Prediction Across Operating Conditions Based on Multisource Domain Adaptation. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4143-4152.	5.8	24
5	Health Assessment of Rotating Equipment With Unseen Conditions Using Adversarial Domain Generalization Toward Self-Supervised Regularization Learning. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4675-4685.	5.8	10
6	Multiobjective Evolution Enhanced Collaborative Health Monitoring and Prognostics: A Case Study of Bearing Life Test With Three-Axis Acceleration Signals. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	3
7	Particle mixing and segregation behaviors in the rotating drums with adjacent axial segmentations in different speed directions. Powder Technology, 2022, 405, 117534.	4.2	6
8	Convolutional Transformer: An Enhanced Attention Mechanism Architecture for Remaining Useful Life Estimation of Bearings. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	18
9	Deep imbalanced regression using cost-sensitive learning and deep feature transfer for bearing remaining useful life estimation. Applied Soft Computing Journal, 2022, 127, 109271.	7.2	16
10	Statistical Alignment-Based Metagated Recurrent Unit for Cross-Domain Machinery Degradation Trend Prognostics Using Limited Data. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	3
11	A Novel Remaining Useful Life Prediction Method of Rolling Bearings Based on Deep Transfer Auto-Encoder. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	14
12	Remaining Useful Life Estimation Under Multiple Operating Conditions via Deep Subdomain Adaptation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	27
13	Research on surface segregation and overall segregation of particles in a rotating drum based on stacked image. Powder Technology, 2021, 382, 162-172.	4.2	15
14	Transfer learning for remaining useful life prediction of multi-conditions bearings based on bidirectional-GRU network. Measurement: Journal of the International Measurement Confederation, 2021, 178, 109287.	5.0	93
15	A novel method for particle cluster modeling based on internal force. Powder Technology, 2021, 385, 317-326.	4.2	0
16	Remaining useful life estimation using deep metric transfer learning for kernel regression. Reliability Engineering and System Safety, 2021, 212, 107583.	8.9	72
17	A novel temporal convolutional network with residual self-attention mechanism for remaining useful life prediction of rolling bearings. Reliability Engineering and System Safety, 2021, 215, 107813.	8.9	129
18	Temporal convolution-based transferable cross-domain adaptation approach for remaining useful life estimation under variable failure behaviors. Reliability Engineering and System Safety, 2021, 216, 107946.	8.9	34

#	ARTICLE	IF	CITATIONS
19	A Convolutional Transformer Architecture for Remaining Useful Life Estimation. , 2021, , .		10
20	Remaining Useful Life Estimation Under Variable Failure Behaviors via Transferable Metric Learning. , 2021, , .		0
21	An improved contact detection algorithm for bonded particles based on multi-level grid and bounding box in DEM simulation. Powder Technology, 2020, 374, 577-596.	4.2	11
22	Soft measurement of ball mill load based on multi-classifier ensemble modelling and multi-sensor fusion with improved evidence combination. Measurement Science and Technology, 2020, 32, 015105.	2.6	9
23	A novel approach of evaluating crushing energy in ball mills using regional total energy. Powder Technology, 2019, 355, 289-299.	4.2	10