

# Wei Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1609824/publications.pdf>

Version: 2024-02-01

21  
papers

141  
citations

1478505

6  
h-index

1872680

6  
g-index

21  
all docs

21  
docs citations

21  
times ranked

89  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A sample entropy based prognostics method for lithium-ion batteries using relevance vector machine. Journal of Manufacturing Systems, 2021, 61, 773-781.  | 13.9 | 50        |
| 2  | An Intelligent Fault Diagnosis Method based on STFT and Convolutional Neural Network for Bearings Under Variable Working Conditions. , 2019, , .  |      | 23        |
| 3  | An Integrated Approach for Bearing Health Indicator and Stage Division Using Improved Gaussian Mixture Model and Confidence Value. IEEE Transactions on Industrial Informatics, 2022, 18, 5219-5230.  | 11.3 | 13        |
| 4  | Unsupervised Erratic Seismic Noise Attenuation With Robust Deep Convolutional Autoencoders. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.   | 6.3  | 13        |
| 5  | Physic perspective fusion of electromagnetic acoustic transducer and pulsed eddy current testing in non-destructive testing system. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190608. | 3.4  | 10        |
| 6  | An optimal relevance vector machine with a modified degradation model for remaining useful lifetime prediction of lithium-ion batteries. Applied Soft Computing Journal, 2022, 124, 108967.   | 7.2  | 9         |
| 7  | An Integrated Method for Bearing State Change Identification and Prognostics Based on Improved Relevance Vector Machine and Degradation Model. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.                            | 4.7  | 8         |
| 8  | Mechanism Hybrid EMAT and Eddy Current Sensing Detection for Surface and Internal Defects NDT. , 2019, , .  |      | 3         |
| 9  | An Intelligent Bearing Fault Diagnosis based on Modified Probabilistic Knowledge Distillation. , 2021, , .  |      | 3         |
| 10 | An Improved Multidimensional Distance Siamese Network for Bearing Fault Diagnosis with Few Labelled Data. , 2021, , .   |      | 2         |
| 11 | Application of A Taylor Expansion Criterion-based Pruning Convolutional Network for Bearing Intelligent Diagnosis. , 2020, , .  |      | 2         |
| 12 | Simultaneous multi-mode and disperse ultrasonic guided waves signal analysing using morphological componenet analysis (MCA) method. , 2017, , .   |      | 1         |
| 13 | Ultrasonic Guided Wave Scattering Matrices and Tomography Using Sparse Arrays for Defect Characterization. , 2017, , .  |      | 1         |
| 14 | Application of Generative Adversarial Networksbased Semi-supervised Learning For Unlabeled Bearing Diagnosis. , 2020, , .   |      | 1         |
| 15 | A Modified CCN based on Efficient Channel Attention and Resnet for Bearing Remaining Useful Life Prediction. , 2021, , .  |      | 1         |
| 16 | Prediction of Lithium-Ion Battery Capacity based on The ARMA Method. , 2020, , .  |      | 1         |
| 17 | Multi-objective Artificial Bee Colony in Mode Separation of Guided Waves for Scatting Coefficient Matrix Reconstruction. , 2018, , .  |      | 0         |
| 18 | An Intelligent Classification Model based on Statistical and Recursive Quantitative Analyses for Bearing Transfer Diagnosis. , 2019, , .  |      | 0         |

| #  | ARTICLE  | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Bearing Diagnosis Accuracy Comparison Using Convolutional Neural Network with Time/Frequency Domain Signals. , 2019, , .       |    | 0         |
| 20 | An Optimal Band-pass Filter based on Adaptive Identification of Bearing Resonant Frequency Band. , 2020, , .                   |    | 0         |
| 21 | Application of Denoising Autoencoder in Intelligent Fault Diagnosis for Bearings under Varying Working Conditions. , 2021, , . |    | 0         |