

Ruqiang Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2993788/publications.pdf>

Version: 2024-02-01

281
papers

15,675
citations

26630

56
h-index

18647

119
g-index

284
all docs

284
docs citations

284
times ranked

8600
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Deep learning and its applications to machine health monitoring. Mechanical Systems and Signal Processing, 2019, 115, 213-237. | 8.0 | 1,616 |
| 2 | Wavelets for fault diagnosis of rotary machines: A review with applications. Signal Processing, 2014, 96, 1-15. | 3.7 | 1,081 |
| 3 | Highly Accurate Machine Fault Diagnosis Using Deep Transfer Learning. IEEE Transactions on Industrial Informatics, 2019, 15, 2446-2455. | 11.3 | 829 |
| 4 | A sparse auto-encoder-based deep neural network approach for induction motor faults classification. Measurement: Journal of the International Measurement Confederation, 2016, 89, 171-178. | 5.0 | 570 |
| 5 | Machine Health Monitoring Using Local Feature-Based Gated Recurrent Unit Networks. IEEE Transactions on Industrial Electronics, 2018, 65, 1539-1548. | 7.9 | 561 |
| 6 | Learning to Monitor Machine Health with Convolutional Bi-Directional LSTM Networks. Sensors, 2017, 17, 273. | 3.8 | 498 |
| 7 | Approximate Entropy as a diagnostic tool for machine health monitoring. Mechanical Systems and Signal Processing, 2007, 21, 824-839. | 8.0 | 362 |
| 8 | Deep Transfer Learning Based on Sparse Autoencoder for Remaining Useful Life Prediction of Tool in Manufacturing. IEEE Transactions on Industrial Informatics, 2019, 15, 2416-2425. | 11.3 | 329 |
| 9 | Generative adversarial networks for data augmentation in machine fault diagnosis. Computers in Industry, 2019, 106, 85-93. | 9.9 | 319 |
| 10 | A perspective survey on deep transfer learning for fault diagnosis in industrial scenarios: Theories, applications and challenges. Mechanical Systems and Signal Processing, 2022, 167, 108487. | 8.0 | 304 |
| 11 | Permutation entropy: A nonlinear statistical measure for status characterization of rotary machines. Mechanical Systems and Signal Processing, 2012, 29, 474-484. | 8.0 | 301 |
| 12 | Long short-term memory for machine remaining life prediction. Journal of Manufacturing Systems, 2018, 48, 78-86. | 13.9 | 292 |
| 13 | Hilbert-Huang Transform-Based Vibration Signal Analysis for Machine Health Monitoring. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 2320-2329. | 4.7 | 284 |
| 14 | Deep learning algorithms for rotating machinery intelligent diagnosis: An open source benchmark study. ISA Transactions, 2020, 107, 224-255. | 5.7 | 271 |
| 15 | Machine Remaining Useful Life Prediction via an Attention-Based Deep Learning Approach. IEEE Transactions on Industrial Electronics, 2021, 68, 2521-2531. | 7.9 | 252 |
| 16 | DCNN-Based Multi-Signal Induction Motor Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2658-2669. | 4.7 | 237 |
| 17 | Convolutional Discriminative Feature Learning for Induction Motor Fault Diagnosis. IEEE Transactions on Industrial Informatics, 2017, 13, 1350-1359. | 11.3 | 236 |
| 18 | Prognosis of Defect Propagation Based on Recurrent Neural Networks. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 703-711. | 4.7 | 233 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Performance enhancement of ensemble empirical mode decomposition. <i>Mechanical Systems and Signal Processing</i> , 2010, 24, 2104-2123. | 8.0 | 188 |
| 20 | A New Intelligent Bearing Fault Diagnosis Method Using SDP Representation and SE-CNN. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 2377-2389. | 4.7 | 178 |
| 21 | Knowledge Transfer for Rotary Machine Fault Diagnosis. <i>IEEE Sensors Journal</i> , 2020, 20, 8374-8393. | 4.7 | 176 |
| 22 | LSTM-Based Auto-Encoder Model for ECG Arrhythmias Classification. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 1232-1240. | 4.7 | 160 |
| 23 | A multi-time scale approach to remaining useful life prediction in rolling bearing. <i>Mechanical Systems and Signal Processing</i> , 2017, 83, 549-567. | 8.0 | 152 |
| 24 | Few-shot transfer learning for intelligent fault diagnosis of machine. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 166, 108202. | 5.0 | 150 |
| 25 | Sparse Feature Identification Based on Union of Redundant Dictionary for Wind Turbine Gearbox Fault Diagnosis. <i>IEEE Transactions on Industrial Electronics</i> , 2015, 62, 6594-6605. | 7.9 | 144 |
| 26 | Remaining Useful Life Prediction of Rolling Bearings Using an Enhanced Particle Filter. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2015, 64, 2696-2707. | 4.7 | 143 |
| 27 | Multireceptive Field Graph Convolutional Networks for Machine Fault Diagnosis. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 12739-12749. | 7.9 | 143 |
| 28 | Applications of Unsupervised Deep Transfer Learning to Intelligent Fault Diagnosis: A Survey and Comparative Study. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-28. | 4.7 | 137 |
| 29 | WaveletKernelNet: An Interpretable Deep Neural Network for Industrial Intelligent Diagnosis. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 2302-2312. | 9.3 | 136 |
| 30 | Bearing Degradation Evaluation Using Recurrence Quantification Analysis and Kalman Filter. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2014, 63, 2599-2610. | 4.7 | 133 |
| 31 | Virtualization and deep recognition for system fault classification. <i>Journal of Manufacturing Systems</i> , 2017, 44, 310-316. | 13.9 | 133 |
| 32 | Tacholeless Speed Estimation in Order Tracking: A Review With Application to Rotating Machine Fault Diagnosis. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 2315-2332. | 4.7 | 132 |
| 33 | Kurtosis based weighted sparse model with convex optimization technique for bearing fault diagnosis. <i>Mechanical Systems and Signal Processing</i> , 2016, 80, 349-376. | 8.0 | 125 |
| 34 | Subspace-based gearbox condition monitoring by kernel principal component analysis. <i>Mechanical Systems and Signal Processing</i> , 2007, 21, 1755-1772. | 8.0 | 121 |
| 35 | Energy-Aware Sensor Node Design With Its Application in Wireless Sensor Networks. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2013, 62, 1183-1191. | 4.7 | 118 |
| 36 | The emerging graph neural networks for intelligent fault diagnostics and prognostics: A guideline and a benchmark study. <i>Mechanical Systems and Signal Processing</i> , 2022, 168, 108653. | 8.0 | 118 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Machine health monitoring with LSTM networks. , 2016, , . | | 115 |
| 38 | Complexity as a Measure for Machine Health Evaluation. IEEE Transactions on Instrumentation and Measurement, 2004, 53, 1327-1334. | 4.7 | 108 |
| 39 | A deep learning-based approach to material removal rate prediction in polishing. CIRP Annals - Manufacturing Technology, 2017, 66, 429-432. | 3.6 | 103 |
| 40 | Rotary Machine Health Diagnosis Based on Empirical Mode Decomposition. Journal of Vibration and Acoustics, Transactions of the ASME, 2008, 130, . | 1.6 | 102 |
| 41 | Entropy Measures in Machine Fault Diagnosis: Insights and Applications. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2607-2620. | 4.7 | 102 |
| 42 | An efficient approach to machine health diagnosis based on harmonic wavelet packet transform. Robotics and Computer-Integrated Manufacturing, 2005, 21, 291-301. | 9.9 | 85 |
| 43 | Machine condition monitoring using principal component representations. Mechanical Systems and Signal Processing, 2009, 23, 446-466. | 8.0 | 83 |
| 44 | Hierarchical attention graph convolutional network to fuse multi-sensor signals for remaining useful life prediction. Reliability Engineering and System Safety, 2021, 215, 107878. | 8.9 | 81 |
| 45 | Multi-scale enveloping spectrogram for vibration analysis in bearing defect diagnosis. Tribology International, 2009, 42, 293-302. | 5.9 | 78 |
| 46 | Fault-Attention Generative Probabilistic Adversarial Autoencoder for Machine Anomaly Detection. IEEE Transactions on Industrial Informatics, 2020, 16, 7479-7488. | 11.3 | 77 |
| 47 | Integration of EEMD and ICA for wind turbine gearbox diagnosis. Wind Energy, 2014, 17, 757-773. | 4.2 | 76 |
| 48 | BASE WAVELET SELECTION FOR BEARING VIBRATION SIGNAL ANALYSIS. International Journal of Wavelets, Multiresolution and Information Processing, 2009, 07, 411-426. | 1.3 | 75 |
| 49 | Energy-Based Feature Extraction for Defect Diagnosis in Rotary Machines. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3130-3139. | 4.7 | 73 |
| 50 | Detection of signal transients based on wavelet and statistics for machine fault diagnosis. Mechanical Systems and Signal Processing, 2009, 23, 1076-1097. | 8.0 | 72 |
| 51 | Challenges and Opportunities of AI-Enabled Monitoring, Diagnosis & Prognosis: A Review. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, . | 3.7 | 70 |
| 52 | EOG Artifact Correction from EEG Recording Using Stationary Subspace Analysis and Empirical Mode Decomposition. Sensors, 2013, 13, 14839-14859. | 3.8 | 68 |
| 53 | Contrastive Adversarial Domain Adaptation for Machine Remaining Useful Life Prediction. IEEE Transactions on Industrial Informatics, 2021, 17, 5239-5249. | 11.3 | 65 |
| 54 | Domain Adversarial Graph Convolutional Network for Fault Diagnosis Under Variable Working Conditions. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 63 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Current envelope analysis for defect identification and diagnosis in induction motors. Journal of Manufacturing Systems, 2012, 31, 380-387. | 13.9 | 62 |
| 56 | Harmonic wavelet-based data filtering for enhanced machine defect identification. Journal of Sound and Vibration, 2010, 329, 3203-3217. | 3.9 | 60 |
| 57 | Deep Learning for Improved System Remaining Life Prediction. Procedia CIRP, 2018, 72, 1033-1038. | 1.9 | 57 |
| 58 | Convolutional Autoencoder Model for Finger-Vein Verification. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2067-2074. | 4.7 | 57 |
| 59 | Wavelets. , 2011, , . | | 56 |
| 60 | Machine health monitoring based on locally linear embedding with kernel sparse representation for neighborhood optimization. Mechanical Systems and Signal Processing, 2019, 114, 25-34. | 8.0 | 56 |
| 61 | Degradation-Aware Remaining Useful Life Prediction With LSTM Autoencoder. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 56 |
| 62 | Intelligent Bearing Fault Diagnosis Using Multi-Head Attention-Based CNN. Procedia Manufacturing, 2020, 49, 112-118. | 1.9 | 55 |
| 63 | A Tour of the Tour of the Hilbert-Huang Transform: An Empirical Tool for Signal Analysis. IEEE Instrumentation and Measurement Magazine, 2007, 10, 40-45. | 1.6 | 54 |
| 64 | An Adaptive Online Blade Health Monitoring Method: From Raw Data to Parameters Identification. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2581-2592. | 4.7 | 51 |
| 65 | ECG Arrhythmias Detection Using Auxiliary Classifier Generative Adversarial Network and Residual Network. IEEE Access, 2019, 7, 100910-100922. | 4.2 | 50 |
| 66 | A joint classification-regression method for multi-stage remaining useful life prediction. Journal of Manufacturing Systems, 2021, 58, 109-119. | 13.9 | 48 |
| 67 | Robust active control based milling chatter suppression with perturbation model via piezoelectric stack actuators. Mechanical Systems and Signal Processing, 2019, 120, 808-835. | 8.0 | 47 |
| 68 | Intelligent Fault Diagnosis for Planetary Gearbox Using Time-Frequency Representation and Deep Reinforcement Learning. IEEE/ASME Transactions on Mechatronics, 2022, 27, 985-998. | 5.8 | 47 |
| 69 | Multivariable wavelet finite element-based vibration model for quantitative crack identification by using particle swarm optimization. Journal of Sound and Vibration, 2016, 375, 200-216. | 3.9 | 46 |
| 70 | Multi-scale enveloping order spectrogram for rotating machine health diagnosis. Mechanical Systems and Signal Processing, 2014, 46, 28-44. | 8.0 | 45 |
| 71 | A Multisource Dense Adaptation Adversarial Network for Fault Diagnosis of Machinery. IEEE Transactions on Industrial Electronics, 2022, 69, 6298-6307. | 7.9 | 45 |
| 72 | Dual-scale cascaded adaptive stochastic resonance for rotary machine health monitoring. Journal of Manufacturing Systems, 2013, 32, 529-535. | 13.9 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | A Deep Coupled Network for Health State Assessment of Cutting Tools Based on Fusion of Multisensory Signals. IEEE Transactions on Industrial Informatics, 2019, 15, 6415-6424. | 11.3 | 44 |
| 74 | Model predictive control based active chatter control in milling process. Mechanical Systems and Signal Processing, 2019, 128, 266-281. | 8.0 | 44 |
| 75 | Adaptive Channel Weighted CNN With Multisensor Fusion for Condition Monitoring of Helicopter Transmission System. IEEE Sensors Journal, 2020, 20, 8364-8373. | 4.7 | 44 |
| 76 | Generalized Vold-Kalman Filtering for Nonstationary Compound Faults Feature Extraction of Bearing and Gear. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 401-410. | 4.7 | 43 |
| 77 | Fault Diagnosis of Rolling Bearing Based on WHVG and GCN. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 36 |
| 78 | Model-driven deep unrolling: Towards interpretable deep learning against noise attacks for intelligent fault diagnosis. ISA Transactions, 2022, 129, 644-662. | 5.7 | 36 |
| 79 | Learning features from vibration signals for induction motor fault diagnosis. , 2016, , . | | 35 |
| 80 | Centralized Energy-Efficient Clustering Routing Protocol for Mobile Nodes in Wireless Sensor Networks. IEEE Communications Letters, 2019, 23, 1215-1218. | 4.1 | 35 |
| 81 | Adversarial Multiple-Target Domain Adaptation for Fault Classification. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 35 |
| 82 | Attention-based sequence to sequence model for machine remaining useful life prediction. Neurocomputing, 2021, 466, 58-68. | 5.9 | 35 |
| 83 | Learning from Class-imbalanced Data with a Model-Agnostic Framework for Machine Intelligent Diagnosis. Reliability Engineering and System Safety, 2021, 216, 107934. | 8.9 | 34 |
| 84 | Spline adaptive filter with arctangent-momentum strategy for nonlinear system identification. Signal Processing, 2019, 164, 99-109. | 3.7 | 33 |
| 85 | Weighted low-rank sparse model via nuclear norm minimization for bearing fault detection. Journal of Sound and Vibration, 2017, 400, 270-287. | 3.9 | 31 |
| 86 | A New Intermediate-Domain SVM-Based Transfer Model for Rolling Bearing RUL Prediction. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1357-1369. | 5.8 | 30 |
| 87 | Nonlocal sparse model with adaptive structural clustering for feature extraction of aero-engine bearings. Journal of Sound and Vibration, 2016, 368, 223-248. | 3.9 | 29 |
| 88 | Combination of DNN and Improved KNN for Indoor Location Fingerprinting. Wireless Communications and Mobile Computing, 2019, 2019, 1-9. | 1.2 | 29 |
| 89 | Conditional Adversarial Domain Adaptation With Discrimination Embedding for Locomotive Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12. | 4.7 | 29 |
| 90 | Bi-LSTM-Based Two-Stream Network for Machine Remaining Useful Life Prediction. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10. | 4.7 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Bearing fault diagnosis based on SVD feature extraction and transfer learning classification. , 2015, , . | | 27 |
| 92 | Wind turbine condition monitoring and fault diagnosis in China. IEEE Instrumentation and Measurement Magazine, 2016, 19, 22-28. | 1.6 | 27 |
| 93 | Multi harmonic and random stiffness excitation for milling chatter suppression. Mechanical Systems and Signal Processing, 2019, 120, 777-792. | 8.0 | 27 |
| 94 | Sparse Multiperiod Group Lasso for Bearing Multifault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 419-431. | 4.7 | 26 |
| 95 | ArcVein-Arccosine Center Loss for Finger Vein Verification. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 26 |
| 96 | Multi harmonic spindle speed variation for milling chatter suppression and parameters optimization. Precision Engineering, 2019, 55, 268-274. | 3.4 | 24 |
| 97 | Tutorial 21 wavelet transform: a mathematical tool for non-stationary signal processing in measurement science part 2 in a series of tutorials in instrumentation and measurement. IEEE Instrumentation and Measurement Magazine, 2009, 12, 35-44. | 1.6 | 23 |
| 98 | A Novel Hybrid Error Criterion-Based Active Control Method for on-Line Milling Vibration Suppression with Piezoelectric Actuators and Sensors. Sensors, 2016, 16, 68. | 3.8 | 23 |
| 99 | Composite-Graph-Based Sparse Subspace Clustering for Machine Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1850-1859. | 4.7 | 23 |
| 100 | Nonlinear dynamic behavior of rotating blade with breathing crack. Frontiers of Mechanical Engineering, 2021, 16, 196-220. | 4.3 | 23 |
| 101 | Gearbox Fault Diagnosis Using Complementary Ensemble Empirical Mode Decomposition and Permutation Entropy. Shock and Vibration, 2016, 2016, 1-8. | 0.6 | 22 |
| 102 | Adaptive vibration control on electrohydraulic shaking table system with an expanded frequency range: Theory analysis and experimental study. Mechanical Systems and Signal Processing, 2019, 132, 122-137. | 8.0 | 22 |
| 103 | Domain Adaptation-Based Transfer Learning for Gear Fault Diagnosis Under Varying Working Conditions. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 21 |
| 104 | Ridge-Aware Weighted Sparse Time-Frequency Representation. IEEE Transactions on Signal Processing, 2021, 69, 136-149. | 5.3 | 21 |
| 105 | Wavelet Packet Transform. , 2011, , 69-81. | | 21 |
| 106 | Unified timeâ€“scaleâ€“frequency analysis for machine defect signature extraction: Theoretical framework. Mechanical Systems and Signal Processing, 2009, 23, 226-235. | 8.0 | 20 |
| 107 | Wavelet domain principal feature analysis for spindle health diagnosis. Structural Health Monitoring, 2011, 10, 631-642. | 7.5 | 20 |
| 108 | Convolutional Auto-Encoder Based Deep Feature Learning for Finger-Vein Verification. , 2018, , . | | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 109 | Adaptive Robust Noise Modeling of Sparse Representation for Bearing Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12. | 4.7 | 20 |
| 110 | A U-Net-Based Approach for Tool Wear Area Detection and Identification. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 20 |
| 111 | Dynamic coupling vibration of rotating shaft-disc-blade system Modeling, mechanism analysis and numerical study. Mechanism and Machine Theory, 2022, 167, 104542. | 4.5 | 20 |
| 112 | Fast Sparsity-Assisted Signal Decomposition With Nonconvex Enhancement for Bearing Fault Diagnosis. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2333-2344. | 5.8 | 20 |
| 113 | Rolling Bearing Fault Diagnosis Based on Horizontal Visibility Graph and Graph Neural Networks. , 2020, , . | | 20 |
| 114 | Experimental Evaluation of a Unified Time-Scale-Frequency Technique for Bearing Defect Feature Extraction. Journal of Vibration and Acoustics, Transactions of the ASME, 2009, 131, . | 1.6 | 19 |
| 115 | Rolling Bearing Fault Diagnosis Based on CEEMD and Time Series Modeling. Mathematical Problems in Engineering, 2014, 2014, 1-13. | 1.1 | 19 |
| 116 | Transfer between multiple working conditions: A new TCCHC-based exponential semi-deterministic extended Kalman filter for bearing remaining useful life prediction. Measurement: Journal of the International Measurement Confederation, 2019, 142, 148-162. | 5.0 | 19 |
| 117 | A 3-D Reconstruction Solution to Current Density Imaging Based on Acoustoelectric Effect by Deconvolution: A Simulation Study. IEEE Transactions on Biomedical Engineering, 2013, 60, 1181-1190. | 4.2 | 18 |
| 118 | Learning Collaborative Sparsity Structure via Nonconvex Optimization for Feature Recognition. IEEE Transactions on Industrial Informatics, 2018, 14, 4417-4430. | 11.3 | 18 |
| 119 | Probabilistic Latent Semantic Analysis-Based Gear Fault Diagnosis Under Variable Working Conditions. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2845-2857. | 4.7 | 18 |
| 120 | A Multidimensional Feature Extraction and Selection Method for ECG Arrhythmias Classification. IEEE Sensors Journal, 2021, 21, 14180-14190. | 4.7 | 18 |
| 121 | Bearing fault diagnosis based on Cluster-contraction Stage-wise Orthogonal-Matching-Pursuit. Measurement: Journal of the International Measurement Confederation, 2019, 140, 240-253. | 5.0 | 17 |
| 122 | Variable-Word-Length Coding for Energy-Aware Signal Transmission. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 850-864. | 4.7 | 16 |
| 123 | A New Penalty Domain Selection Machine Enabled Transfer Learning for Gearbox Fault Recognition. IEEE Transactions on Industrial Electronics, 2020, 67, 8743-8754. | 7.9 | 16 |
| 124 | Decoupled Feature-Temporal CNN: Explaining Deep Learning-Based Machine Health Monitoring. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13. | 4.7 | 16 |
| 125 | Compound fault diagnosis of rolling bearing using PWK-sparse denoising and periodicity filtering. Measurement: Journal of the International Measurement Confederation, 2021, 181, 109604. | 5.0 | 16 |
| 126 | Terahertz nondestructive quantitative characterization for layer thickness based on sparse representation method. NDT and E International, 2021, 124, 102536. | 3.7 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Broken-Rotor-Bar Diagnosis for Induction Motors. Journal of Physics: Conference Series, 2011, 305, 012026. | 0.4 | 15 |
| 128 | Dynamic modeling of planetary gear set with tooth surface wear. Procedia Manufacturing, 2020, 49, 49-54. | 1.9 | 15 |
| 129 | Multi-scale CNN for Multi-sensor Feature Fusion in Helical Gear Fault Detection. Procedia Manufacturing, 2020, 49, 89-93. | 1.9 | 15 |
| 130 | Bayesian Differentiable Architecture Search for Efficient Domain Matching Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 14 |
| 131 | Broadening Bandgap Width of Piezoelectric Metamaterial by Introducing Cavity. Applied Sciences (Switzerland), 2018, 8, 1606. | 2.5 | 13 |
| 132 | Bearing Degradation Evaluation Using Improved Cross Recurrence Quantification Analysis and Nonlinear Auto-Regressive Neural Network. IEEE Access, 2019, 7, 38937-38946. | 4.2 | 13 |
| 133 | Frequency domain spline adaptive filters. Signal Processing, 2020, 177, 107752. | 3.7 | 13 |
| 134 | Ss-InfoGAN for Class-Imbalance Classification of Bearing Faults. Procedia Manufacturing, 2020, 49, 99-104. | 1.9 | 13 |
| 135 | Lifelong Condition Monitoring Based on NB-IoT for Anomaly Detection of Machinery Equipment. Procedia Manufacturing, 2020, 49, 144-149. | 1.9 | 12 |
| 136 | 1D-CNN-based damage identification method based on piezoelectric impedance using adjustable inductive shunt circuitry for data enrichment. Structural Health Monitoring, 2022, 21, 1992-2009. | 7.5 | 12 |
| 137 | Sensor Placement and Signal Processing for Bearing Condition Monitoring. Springer Series in Advanced Manufacturing, 2006, , 167-191. | 0.5 | 11 |
| 138 | A hybrid approach to bearing defect diagnosis in rotary machines. CIRP Journal of Manufacturing Science and Technology, 2012, 5, 357-365. | 4.5 | 11 |
| 139 | Induction motor fault diagnosis using multiple class feature selection. , 2015, , . | | 11 |
| 140 | Interval variable step-size spline adaptive filter for the identification of nonlinear block-oriented system. Nonlinear Dynamics, 2019, 98, 1629-1643. | 5.2 | 11 |
| 141 | Coupled Piezoelectric Phononic Crystal for Adaptive Broadband Wave Attenuation by Destructive Interference. Journal of Applied Mechanics, Transactions ASME, 2020, 87, . | 2.2 | 11 |
| 142 | Biprobe Blade Tip Timing Method for Frequency Identification Based on Active Aliasing Time-Delay Estimation and Dealiasing. IEEE Transactions on Industrial Electronics, 2023, 70, 1939-1948. | 7.9 | 11 |
| 143 | Bearing performance degradation evaluation using recurrence quantification analysis and auto-regression model. , 2013, , . | | 10 |
| 144 | Improving calibration accuracy of a vibration sensor through a closed loop measurement system. IEEE Instrumentation and Measurement Magazine, 2016, 19, 42-46. | 1.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Analysis of Laminated Plates and Shells Using B-Spline Wavelet on Interval Finite Element. International Journal of Structural Stability and Dynamics, 2017, 17, 1750062. | 2.4 | 10 |
| 146 | An Image Processing Approach to Machine Fault Diagnosis Based on Visual Words Representation. Procedia Manufacturing, 2018, 19, 42-49. | 1.9 | 10 |
| 147 | Vold-Kalman generalized demodulation for multi-faults detection of gear and bearing under variable speeds. Procedia Manufacturing, 2018, 26, 1213-1220. | 1.9 | 10 |
| 148 | Adaptive sparse denoising and periodicity weighted spectrum separation for compound bearing fault diagnosis. Measurement Science and Technology, 2021, 32, 085011. | 2.6 | 10 |
| 149 | Multi-Scale Convolutional Gated Recurrent Unit Networks for Tool Wear Prediction in Smart Manufacturing. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, . | 3.7 | 10 |
| 150 | Exploring Sample/Feature Hybrid Transfer for Gear Fault Diagnosis Under Varying Working Conditions. Journal of Computing and Information Science in Engineering, 2020, 20, . | 2.7 | 10 |
| 151 | Noise-assisted data processing in measurement science: Part one part 40 in a series of tutorials on instrumentation and measurement. IEEE Instrumentation and Measurement Magazine, 2012, 15, 41-44. | 1.6 | 9 |
| 152 | In-process modal parameter identification for spindle health monitoring. Mechatronics, 2015, 31, 42-49. | 3.3 | 9 |
| 153 | Gearbox Fault Diagnosis in a Wind Turbine Using Single Sensor Based Blind Source Separation. Journal of Sensors, 2016, 2016, 1-14. | 1.1 | 9 |
| 154 | Experimental demonstration of the wave attenuation capability of a piezoelectric metamaterial beam by using correlation for signal processing. Journal of Applied Physics, 2020, 128, . | 2.5 | 9 |
| 155 | Differentiable Architecture Search for Aeroengine Bevel Gear Fault Diagnosis. , 2020, , . | | 9 |
| 156 | A Bayesian network approach to energy-aware distributed sensing. , 0, , . | | 8 |
| 157 | Faster Multiscale Dictionary Learning Method With Adaptive Parameter Estimation for Fault Diagnosis of Traction Motor Bearings. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13. | 4.7 | 8 |
| 158 | Triplet-Classifier GAN for Finger-Vein Verification. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12. | 4.7 | 8 |
| 159 | Energy efficient wireless sensor network for dynamic system monitoring. , 2005, , . | | 7 |
| 160 | Correlation Dimension Analysis: A Non-linear Time Series Analysis for Data Processing. IEEE Instrumentation and Measurement Magazine, 2010, 13, 19-25. | 1.6 | 7 |
| 161 | Three-dimensional noninvasive ultrasound Joule heat tomography based on the acousto-electric effect using unipolar pulses: a simulation study. Physics in Medicine and Biology, 2012, 57, 7689-7708. | 3.0 | 7 |
| 162 | Bearing Fault Diagnosis Based on Visual Symmetrized Dot Pattern and CNNs. , 2019, , . | | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Transfer between multiple machine plants: A modified fast self-organizing feature map and two-order selective ensemble based fault diagnosis strategy. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107155. | 5.0 | 7 |
| 164 | Generalized Gaussian Noise Distribution Enabled Sparse Representation Model for Bearing Fault Diagnosis. , 2020, , . | | 7 |
| 165 | Robust enhanced trend filtering with unknown noise. Signal Processing, 2021, 180, 107889. | 3.7 | 7 |
| 166 | Blade Crack Detection using Blade Tip Timing. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1. | 4.7 | 7 |
| 167 | Spline adaptive filters based on real-time over-sampling strategy for nonlinear system identification. Nonlinear Dynamics, 2021, 103, 657-675. | 5.2 | 7 |
| 168 | Model Parameter Transfer for Gear Fault Diagnosis under Varying Working Conditions. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, . | 3.7 | 7 |
| 169 | Adaptive Iterative Approach for Efficient Signal Processing of Blade Tip Timing. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13. | 4.7 | 7 |
| 170 | A Hybrid Signal Processing Approach to Sensor Data Analysis. , 2003, , . | | 7 |
| 171 | Modeling and Analysis of Phononic Crystal With Coupled Lanes for Enhanced Elastic Wave Attenuation. Journal of Vibration and Acoustics, Transactions of the ASME, 2021, 143, . | 1.6 | 7 |
| 172 | Impact of wavelet basis on vibration analysis for rolling bearing defect diagnosis. , 2011, , . | | 6 |
| 173 | Aero-Engine Fault Diagnosis Using Improved Local Discriminant Bases and Support Vector Machine. Mathematical Problems in Engineering, 2014, 2014, 1-9. | 1.1 | 6 |
| 174 | Blade Tip Timing: from Raw Data to Parameters Identification. , 2019, , . | | 6 |
| 175 | A structural impedance measurement method by using polyvinylidene fluoride as actuator and sensor. Review of Scientific Instruments, 2020, 91, 085111. | 1.3 | 6 |
| 176 | Precise Positioning of Linear Motor Mover Directly From the Phase Difference Analysis. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1566-1577. | 5.8 | 6 |
| 177 | A Fast Multi-tasking Solution: NMF-Theoretic Co-clustering for Gear Fault Diagnosis under Variable Working Conditions. Chinese Journal of Mechanical Engineering (English Edition), 2020, 33, . | 3.7 | 6 |
| 178 | Model-based detection of soft faults using the smoothed residual for a control system. Measurement Science and Technology, 2021, 32, 015107. | 2.6 | 6 |
| 179 | Blade Tip Timing Signal Filtering Method Based on Sampling Aliasing Frequency Map. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12. | 4.7 | 6 |
| 180 | Machine health diagnosis based on approximate entropy. , 0, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Harmonic wavelet packet transform for on-line system health diagnosis. , 2004, 5391, 512. | | 5 |
| 182 | An introduction to complexity measure: Non-linear statistical parameters in measurements: Part 35 in a series of tutorials on instrumentation and measurement. IEEE Instrumentation and Measurement Magazine, 2011, 14, 27-35. | 1.6 | 5 |
| 183 | Design and realization of an intelligent sensor node with its application in energy-aware WSNs. , 2012, , . | | 5 |
| 184 | Noise-assisted data processing in measurement science: Part two. IEEE Instrumentation and Measurement Magazine, 2012, 15, 32-35. | 1.6 | 5 |
| 185 | A Nonlinear Noise Reduction Approach to Vibration Analysis for Bearing Health Diagnosis. Journal of Computational and Nonlinear Dynamics, 2012, 7, . | 1.2 | 5 |
| 186 | Multiple fault separation and detection by joint subspace learning for the health assessment of wind turbine gearboxes. Frontiers of Mechanical Engineering, 2017, 12, 333-347. | 4.3 | 5 |
| 187 | Weak chatter detection in milling based on sparse dictionary. Procedia Manufacturing, 2020, 48, 839-843. | 1.9 | 5 |
| 188 | Recurrence plot entropy for machine defect severity assessment. Smart Structures and Systems, 2013, 11, 299-314. | 1.9 | 5 |
| 189 | Wind Turbine Gearbox Fault Diagnosis Based on Wavelet Domain Stationary Subspace Analysis. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2014, 50, 9. | 0.5 | 5 |
| 190 | Continuous Wavelet Transform. , 2011, , 33-48. | | 5 |
| 191 | Mesh relationship modeling and dynamic characteristic analysis of external spur gears with gear wear. Frontiers of Mechanical Engineering, 2022, 17, . | 4.3 | 5 |
| 192 | Feature Enhancement Based on Regular Sparse Model for Planetary Gearbox Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-16. | 4.7 | 5 |
| 193 | A Neural Network Approach to Bearing Health Assessment. , 2006, , . | | 4 |
| 194 | Rolling bearing defect severity assessment under varying operating conditions. International Journal of Manufacturing Research, 2009, 4, 37. | 0.2 | 4 |
| 195 | Rolling bearing defect severity evaluation using recurrence plot entropy. , 2011, , . | | 4 |
| 196 | Design and realization of an array pulse detecting tactile sensor. , 2011, , . | | 4 |
| 197 | Multi-classifiers ensemble with confidence diversity for fault diagnosis in induction motors. , 2016, , . | | 4 |
| 198 | SVD-based dictionary learning for bearing fault diagnosis. , 2016, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Advanced Signal Processing for Structural Health Monitoring. Smart Sensors, Measurement and Instrumentation, 2017, , 1-11. | 0.6 | 4 |
| 200 | Topic Correlation Analysis for Bearing Fault Diagnosis Under Variable Operating Conditions. Journal of Physics: Conference Series, 2017, 842, 012045. | 0.4 | 4 |
| 201 | Induction Motor Condition Monitoring for Sustainable Manufacturing. Procedia Manufacturing, 2019, 33, 802-809. | 1.9 | 4 |
| 202 | Guest Editorial Special Issue on Smart Sensing and Artificial Intelligence-Enabled Data Analytics for Health Monitoring of Engineering Systems. IEEE Sensors Journal, 2020, 20, 8203-8203. | 4.7 | 4 |
| 203 | An OPR-free Blade Tip Timing Method Based on Blade Spacing Change. , 2020, , . | | 4 |
| 204 | A Hybrid Fault Diagnosis Approach for Blade Crack Detection using Blade Tip Timing. , 2020, , . | | 4 |
| 205 | An OPR-Free Blade Tip Timing Method for Rotating Blade Condition Monitoring. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 4 |
| 206 | Effective Convolutional Transformer for Highly Accurate Planetary Gearbox Fault Diagnosis. , 2022, 1, 1-9. | | 4 |
| 207 | Transient Signal Analysis Based on Hilbert-Huang Transform. , 0, , . | | 3 |
| 208 | Experimental Study on Virtual Texture Force Perception Using the JND Method. International Journal of Advanced Robotic Systems, 2012, 9, 63. | 2.1 | 3 |
| 209 | Mutual Information-Assisted Wavelet Function Selection for Enhanced Rolling Bearing Fault Diagnosis. Shock and Vibration, 2015, 2015, 1-9. | 0.6 | 3 |
| 210 | Gear Damage Severity Evaluation Based on Cross Recurrence Quantification Analysis. , 2017, , . | | 3 |
| 211 | Design and Implementation of a Hypothermic Machine Perfusion Device for Clinical Preservation of Isolated Organs. Sensors, 2017, 17, 1256. | 3.8 | 3 |
| 212 | Exploitation of dimension-dependent behavior of piezoelectric metamaterial with LC shunt circuit. EPJ Applied Physics, 2018, 83, 20501. | 0.7 | 3 |
| 213 | Gear fault diagnosis based on recurrence network. Journal of Intelligent and Fuzzy Systems, 2018, 34, 3651-3660. | 1.4 | 3 |
| 214 | Static and dynamic analysis of cylindrical shell by different kinds of B-spline wavelet finite elements on the interval. Engineering With Computers, 2020, 36, 1903-1914. | 6.1 | 3 |
| 215 | Fast multiline spectral reshaping algorithm for active vibration control. Journal of Low Frequency Noise Vibration and Active Control, 2021, 40, 481-496. | 2.9 | 3 |
| 216 | A KLIEP-based Transfer Learning Model for Gear Fault Diagnosis under Varying Working Conditions. , 2020, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 217 | Real-time Minor Defect Recognition of Pseudo-Terahertz Images via the Improved YOLO Network. , 2021, , . | | 3 |
| 218 | Robust PVC Identification by Fusing Expert System and Deep Learning. Biosensors, 2022, 12, 185. | 4.7 | 3 |
| 219 | Generalized harmonic wavelet as an adaptive filter for machine health diagnosis. , 2005, 5765, 786. | | 2 |
| 220 | Multi-Scale Enveloping Spectrogram for Bearing Defect Detection. , 2005, , 855. | | 2 |
| 221 | Open Architecture Software Design for Online Spindle Health Monitoring. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , . | 0.0 | 2 |
| 222 | Design of an impulse wavelet for structural defect identification. , 2010, , . | | 2 |
| 223 | Pulse signal analysis based on wavelet packet transform and hidden Markov model estimation. , 2013, , . | | 2 |
| 224 | Induction motor fault diagnosis based on ensemble classifiers. , 2016, , . | | 2 |
| 225 | Bearing fault diagnosis using wavelet domain operator-based signal separation. , 2017, , . | | 2 |
| 226 | Intelligent Time-Domain Parameters Matching for Shock Response Spectrum and Its Experimental Validation in Active Vibration Control Systems. Shock and Vibration, 2019, 2019, 1-16. | 0.6 | 2 |
| 227 | Low-dimensional multi-scale Fisher discriminant dictionary learning for intelligent gear-fault diagnosis. Measurement Science and Technology, 2021, 32, 084001. | 2.6 | 2 |
| 228 | Wavelet-Based Multi-Fractal Spectrum for Machine Defect Identification. , 2007, , . | | 2 |
| 229 | Robust Supervised Contrastive Learning for Fault Diagnosis Under Different Noises and Conditions. , 2021, , . | | 2 |
| 230 | Complexity as a measure for machine fault detection and diagnosis. , 0, , . | | 1 |
| 231 | Condition Monitoring of Operating Spindle Based on Stochastic Subspace Identification. , 2007, , 1129. | | 1 |
| 232 | A module-based software system for spindle condition monitoring. International Journal of Mechatronics and Manufacturing Systems, 2009, 2, 532. | 0.1 | 1 |
| 233 | A Nonlinear Time Series Analysis Method for Health Monitoring of Rolling Bearings. , 2010, , . | | 1 |
| 234 | Mathematical Methods and Modeling in Machine Fault Diagnosis. Mathematical Problems in Engineering, 2014, 2014, 1-3. | 1.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 235 | Damage Models and Assessment Methods. Shock and Vibration, 2016, 2016, 1-1. | 0.6 | 1 |
| 236 | A correlation-based approach to trustworthy sensing for cyber-physical systems. , 2016, , . | | 1 |
| 237 | Induction Motor Fault Diagnosis and Classification Through Sparse Representation. , 2017, , . | | 1 |
| 238 | A wireless general air-conditioner remote-controller for smart homes. , 2017, , . | | 1 |
| 239 | Bearing Fault Diagnosis Based on Improved Stagewise Orthogonal Matching Pursuit. , 2018, , . | | 1 |
| 240 | Multi-Mode Particle Filter for Bearing Remaining Life Prediction. , 2018, , . | | 1 |
| 241 | Multi-objective Distributed Clustering Algorithm in Wireless Sensor Networks Using the Analytic Hierarchy Process. , 2019, , . | | 1 |
| 242 | Decoupled Feature-Temporal CNN: Explaining Deep Learning-Based Machine Health Monitoring. , 2020, , . | | 1 |
| 243 | Machine Anomaly Detection under Changing Working Condition with Syncretic Self-Regression Auto-Encoder. , 2021, , . | | 1 |
| 244 | A Virtual Blade Tip Timing Measurement Method for Foreign Object Damage. , 2021, , . | | 1 |
| 245 | Signals and Signal Processing in Manufacturing. , 2011, , 1-15. | | 1 |
| 246 | Spline adaptive inverse control scheme with filtered error feedback. Nonlinear Dynamics, 2021, 106, 2309-2328. | 5.2 | 1 |
| 247 | Message From the Incoming Editor-in-Chief. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-1. | 4.7 | 1 |
| 248 | Affine Projection Spline Adaptive Filter for Nonlinear System Identification. , 2020, , . | | 1 |
| 249 | Rotating Machinery Fault Diagnosis Based on Spatial-Temporal GCN. , 2021, , . | | 1 |
| 250 | Domain Adaptive Sparse Transformer for Aeroengine Bevel Gear Fault Diagnosis. , 2021, , . | | 1 |
| 251 | Multi-feature Fused Bidirectional Long Short-term Memory for Remaining Useful Life Prediction. , 2021, , . | | 1 |
| 252 | Dynamic Model-based Digital Twin for Crack Detection of Aeroengine Disk. , 2021, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 253 | Denoising Fused Wavelets Net for Aeroengine Bevel Gear Fault Diagnosis. , 2021, , . | | 1 |
| 254 | A Hybrid Signal Processing Technique for Bearing Defect Severity Estimation. , 2005, , 857. | | 0 |
| 255 | A Neural Network Approach to Bearing Health Assessment. , 0, , . | | 0 |
| 256 | Local Geometric Projection-Based Noise Reduction for Vibration Signal Analysis in Rolling Bearings. , 2008, , . | | 0 |
| 257 | Wavelet packet base selection for gearbox defect severity classification. , 2010, , . | | 0 |
| 258 | Damage assessment of mechanical systems based on recurrence quantification analysis. , 2012, , . | | 0 |
| 259 | The IEEE IMS Chapter Nanjing/Shanghai/Wuhan Jt. sections. IEEE Instrumentation and Measurement Magazine, 2015, 18, 41-41. | 1.6 | 0 |
| 260 | A thermostatic control strategy based on multi-sensor data fusion and fuzzy-PID method. , 2016, , . | | 0 |
| 261 | Instrumentation and measurement around the world: Region 10 [Guest Editorial]. IEEE Instrumentation and Measurement Magazine, 2016, 19, 5-5. | 1.6 | 0 |
| 262 | Special Issue on The 2016 IEEE International Instrumentation and Measurement Technology Conference. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 850-851. | 4.7 | 0 |
| 263 | Gear Fault Diagnosis Based on Recurrence Network. , 2017, , . | | 0 |
| 264 | Non-negative Matrix Factorization and Co-clustering: A Promising Tool for Multi-tasks Bearing Fault Diagnosis. Journal of Physics: Conference Series, 2017, 842, 012046. | 0.4 | 0 |
| 265 | Deep Convolutional Neural Network for Early Disk Crack Diagnosis Under Variable Speed. , 2018, , . | | 0 |
| 266 | Electric vehicle battery temperature measuring method based on magnetic nanoparticles. , 2018, , . | | 0 |
| 267 | A Two-Order Transfer Model for Gearbox Fault Diagnosis. , 2020, , . | | 0 |
| 268 | An Autocorrelation Method for Asynchronous Vibration Feature Extraction in Blade Tip Timing. , 2021, , . | | 0 |
| 269 | Wavelet Packet-Transform for Defect Severity Classification. , 2011, , 125-147. | | 0 |
| 270 | Wavelet-Based Multiscale Enveloping. , 2011, , 83-101. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 271 | Designing Your Own Wavelet. , 2011, , 189-203. | | 0 |
| 272 | Singular Vector-Inspired Dictionary Learning for Sparse Decomposition of Vibration Signal. , 2019, , . | | 0 |
| 273 | Compound Fault Diagnosis of Rolling Bearing Based on Transformation Scale Improved BPD and MCKD. Smart Innovation, Systems and Technologies, 2020, , 269-280. | 0.6 | 0 |
| 274 | Guest Editorial Special Section for ICSMD2020. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-2. | 4.7 | 0 |
| 275 | An Impedance-based Structural Health Monitoring by Using Piezoelectric Transducers. , 2020, , . | | 0 |
| 276 | Dual-lane Phononic Crystal for Low-frequency Elastic Wave Attenuation. , 2020, , . | | 0 |
| 277 | Dispersion Compensation Strategy Based on Sparse Bayesian Learning in Terahertz Nondestructive Evaluation. , 2021, , . | | 0 |
| 278 | An Analytical Representation Method for Dynamic Behavior of Rotating Blade with Transverse Crack. , 2021, , . | | 0 |
| 279 | A Subspace Domain Adaptation Method: SSA-Theoretic Drift Correction for Gear Fault Diagnosis under Varying Working Conditions. , 2021, , . | | 0 |
| 280 | Active Vibration Control Technology in China. IEEE Instrumentation and Measurement Magazine, 2022, 25, 36-44. | 1.6 | 0 |
| 281 | Digital Twin-Driven Crack Monitoring for Rotating Blade: An L1 regularization Method. Journal of Physics: Conference Series, 2022, 2184, 012022. | 0.4 | 0 |