

Hosameldin Ahmed

List of Publications by Citations

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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.

26

papers

758

citations

8

h-index

27

g-index

28

ext. papers

1,183

ext. citations

3.9

avg, IF

5.07

L-index

#	Paper	IF	Citations
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	Classification of ball bearing faults using a hybrid intelligent model. <i>Applied Soft Computing Journal</i> , 2017 , 57, 427-435	7.5	41
24	Three-Stage Hybrid Fault Diagnosis for Rolling Bearings With Compressively Sampled Data and Subspace Learning Techniques. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 5516-5524	8.9	31
23	Integration of Multi-omics Data for Gene Regulatory Network Inference and Application to Breast Cancer. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018 ,	3	28
22	. <i>IEEE Access</i> , 2018 , 6, 44731-44746	3.5	28
21	Hierarchical Feature Extraction for Early Alzheimer's Disease Diagnosis. <i>IEEE Access</i> , 2019 , 7, 93752-93760	3.5	13
20	Internet addiction disorder detection of Chinese college students using several personality questionnaire data and support vector machine. <i>Addictive Behaviors Reports</i> , 2019 , 10, 100200	3.7	9
19	Fault Detection and Classification in MMC-HVDC Systems Using Learning Methods. <i>Sensors</i> , 2020 , 20,	3.8	9
18	2019 ,		7
17	Bearing fault diagnosis based on optimized variational mode decomposition and 1D convolutional neural networks. <i>Measurement Science and Technology</i> , 2021 , 32, 104007	2	6
16	. <i>IEEE Access</i> , 2018 , 6, 49817-49827	3.5	6
15	Open-Circuit Fault Detection and Classification of Modular Multilevel Converters in High Voltage Direct Current Systems (MMC-HVDC) with Long Short-Term Memory (LSTM) Method. <i>Sensors</i> , 2021 , 21,	3.8	5
14	Three-Stage Method for Rotating Machine Health Condition Monitoring Using Vibration Signals 2018 ,		5
13	Defect Detection using Power Spectrum of Torsional Waves in Guided-Wave Inspection of Pipelines. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1449	2.6	3
12	Improved Defect Detection Using Adaptive Leaky NLMS Filter in Guided-Wave Testing of Pipelines. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 294	2.6	3
11	Detection of Defects Using Spatial Variances of Guided-Wave Modes in Testing of Pipes. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2378	2.6	3
10	Artificial Neural Networks (ANNs) 2019 , 239-258		2

- 9 Principles of Rotating Machine Vibration Signals **2019**, 17-30 1
- 8 Intrinsic Dimension Estimation-Based Feature Selection and Multinomial Logistic Regression for Classification of Bearing Faults Using Compressively Sampled Vibration Signals.. *Entropy*, **2022**, 24, 2.8 1
- 7 Compressive Sampling and Subspace Learning (CS-SL) **2019**, 321-359
- 6 Time Domain Analysis **2019**, 31-61
- 5 Probabilistic Classification Methods **2019**, 225-237
- 4 Support Vector Machines (SVMs) **2019**, 259-277
- 3 Frequency Domain Analysis **2019**, 63-77
- 2 Vibration-Based Condition Monitoring Using Machine Learning **2019**, 115-130
- 1 Feature Selection **2019**, 173-198