

# Hosameldin Ahmed

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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	Intrinsic Dimension Estimation-Based Feature Selection and Multinomial Logistic Regression for Classification of Bearing Faults Using Compressively Sampled Vibration Signals.. <i>Entropy</i> , <b>2022</b> , 24,	2.8	1
25	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> , <b>2021</b> , 21,	3.8	5
24	Bearing fault diagnosis based on optimized variational mode decomposition and 1D convolutional neural networks. <i>Measurement Science and Technology</i> , <b>2021</b> , 32, 104007	2	6
23	Applications of machine learning to machine fault diagnosis: A review and roadmap. <i>Mechanical Systems and Signal Processing</i> , <b>2020</b> , 138, 106587	7.8	556
22	Fault Detection and Classification in MMC-HVDC Systems Using Learning Methods. <i>Sensors</i> , <b>2020</b> , 20,	3.8	9
21	Defect Detection using Power Spectrum of Torsional Waves in Guided-Wave Inspection of Pipelines. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1449	2.6	3
20	Improved Defect Detection Using Adaptive Leaky NLMS Filter in Guided-Wave Testing of Pipelines. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 294	2.6	3
19	Hierarchical Feature Extraction for Early Alzheimer's Disease Diagnosis. <i>IEEE Access</i> , <b>2019</b> , 7, 93752-93760.	9.5	13
18	Internet addiction disorder detection of Chinese college students using several personality questionnaire data and support vector machine. <i>Addictive Behaviors Reports</i> , <b>2019</b> , 10, 100200	3.7	9
17	<b>2019</b> ,		7
16	Compressive Sampling and Subspace Learning (CS-SL) <b>2019</b> , 321-359		
15	Principles of Rotating Machine Vibration Signals <b>2019</b> , 17-30		1
14	Time Domain Analysis <b>2019</b> , 31-61		
13	Probabilistic Classification Methods <b>2019</b> , 225-237		
12	Artificial Neural Networks (ANNs) <b>2019</b> , 239-258		2
11	Support Vector Machines (SVMs) <b>2019</b> , 259-277		
10	Frequency Domain Analysis <b>2019</b> , 63-77		

9	Vibration-Based Condition Monitoring Using Machine Learning <b>2019</b> , 115-130		
8	Feature Selection <b>2019</b> , 173-198		
7	Three-Stage Hybrid Fault Diagnosis for Rolling Bearings With Compressively Sampled Data and Subspace Learning Techniques. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 5516-5524	8.9	31
6	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> , <b>2018</b> ,	3	28
5	Three-Stage Method for Rotating Machine Health Condition Monitoring Using Vibration Signals <b>2018</b> ,		5
4	Detection of Defects Using Spatial Variances of Guided-Wave Modes in Testing of Pipes. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 2378	2.6	3
3	. <i>IEEE Access</i> , <b>2018</b> , 6, 49817-49827	3.5	6
2	. <i>IEEE Access</i> , <b>2018</b> , 6, 44731-44746	3.5	28
1	Classification of ball bearing faults using a hybrid intelligent model. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 57, 427-435	7.5	41