

# Sheraz Ali Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

738  
citations

623734

14  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

829  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Intelligent Integrated Approach for Efficient Demand Side Management With Forecaster and Advanced Metering Infrastructure Frameworks in Smart Grid. IEEE Access, 2020, 8, 132551-132581.	4.2	40
2	Feature Selection for Improving Failure Detection in Hard Disk Drives Using a Genetic Algorithm and Significance Scores. Applied Sciences (Switzerland), 2020, 10, 3200.	2.5	4
3	A reliable technique for remaining useful life estimation of rolling element bearings using dynamic regression models. Reliability Engineering and System Safety, 2019, 184, 67-76.	8.9	136
4	A high-performance, resource-efficient, reconfigurable parallel-pipelined FFT processor for FPGA platforms. Microprocessors and Microsystems, 2018, 60, 96-106.	2.8	22
5	A Hybrid Prognostics Technique for Rolling Element Bearings Using Adaptive Predictive Models. IEEE Transactions on Industrial Electronics, 2018, 65, 1577-1584.	7.9	154
6	A Reliable Health Indicator for Fault Prognosis of Bearings. Sensors, 2018, 18, 3740.	3.8	40
7	Diagnosis of bearing defects under variable speed conditions using energy distribution maps of acoustic emission spectra and convolutional neural networks. Journal of the Acoustical Society of America, 2018, 144, EL322-EL327.	1.1	15
8	A Pipelined FFT Processor Using an Optimal Hybrid Rotation Scheme for Complex Multiplication: Design, FPGA Implementation and Analysis. Electronics (Switzerland), 2018, 7, 137.	3.1	8
9	Towards bearing health prognosis using generative adversarial networks: Modeling bearing degradation. , 2018, , .		11
10	Estimating the remaining useful life of bearings using a neuro-local linear estimator-based method. Journal of the Acoustical Society of America, 2017, 141, EL452-EL457.	1.1	14
11	An FPGA-Based Implementation of a Pipelined FFT Processor for High-Speed Signal Processing Applications. Lecture Notes in Computer Science, 2017, , 81-89.	1.3	5
12	Incipient fault diagnosis in bearings under variable speed conditions using multiresolution analysis and a weighted committee machine. Journal of the Acoustical Society of America, 2017, 142, EL35-EL41.	1.1	23
13	A video-based smoke detection using smoke flow pattern and spatial-temporal energy analyses for alarm systems. Information Sciences, 2017, 418-419, 91-101.	6.9	41
14	Bearing Fault Diagnosis under Variable Speed Using Convolutional Neural Networks and the Stochastic Diagonal Levenberg-Marquardt Algorithm. Sensors, 2017, 17, 2834.	3.8	54
15	Automated Bearing Fault Diagnosis Using 2D Analysis of Vibration Acceleration Signals under Variable Speed Conditions. Shock and Vibration, 2016, 2016, 1-11.	0.6	36
16	Distance and Density Similarity Based Enhanced <math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>k</mml:mi></mml:mrow></mml:math>-NN Classifier for Improving Fault Diagnosis Performance of Bearings. Shock and Vibration, 2016, 2016, 1-11.	0.6	8
17	Discriminant Feature Distribution Analysis-Based Hybrid Feature Selection for Online Bearing Fault Diagnosis in Induction Motors. Journal of Sensors, 2016, 2016, 1-16.	1.1	42
18	Rotational speed invariant fault diagnosis in bearings using vibration signal imaging and local binary patterns. Journal of the Acoustical Society of America, 2016, 139, EL100-EL104.	1.1	18

#	ARTICLE	IF	CITATIONS
19	Protocols and Mechanisms to Recover Failed Packets in Wireless Networks: History and Evolution. IEEE Access, 2016, 4, 4207-4224.	4.2	61
20	Real-Time Vehicle Recognition and Improved Traffic Congestion Resolution. , 2015, , .		6