Sheraz Ali Khan

List of Publications by Year
in descending order

20 papers	738 citations	623574 14 h-index	839398 18 g-index
20 all docs	20 docs citations	20 times ranked	829 citing authors

#	Article	IF	Citations
1	A Hybrid Prognostics Technique for Rolling Element Bearings Using Adaptive Predictive Models. IEEE Transactions on Industrial Electronics, 2018, 65, 1577-1584.	5.2	154
2	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.	5.1	136
3	Protocols and Mechanisms to Recover Failed Packets in Wireless Networks: History and Evolution. IEEE Access, 2016, 4, 4207-4224.	2.6	61
4	Bearing Fault Diagnosis under Variable Speed Using Convolutional Neural Networks and the Stochastic Diagonal Levenberg-Marquardt Algorithm. Sensors, 2017, 17, 2834.	2.1	54
5	Discriminant Feature Distribution Analysis-Based Hybrid Feature Selection for Online Bearing Fault Diagnosis in Induction Motors. Journal of Sensors, 2016, 2016, 1-16.	0.6	42
6	A video-based smoke detection using smoke flow pattern and spatial-temporal energy analyses for alarm systems. Information Sciences, 2017, 418-419, 91-101.	4.0	41
7	A Reliable Health Indicator for Fault Prognosis of Bearings. Sensors, 2018, 18, 3740.	2.1	40
8	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.	2.6	40
9	Automated Bearing Fault Diagnosis Using 2D Analysis of Vibration Acceleration Signals under Variable Speed Conditions. Shock and Vibration, 2016, 2016, 1-11.	0.3	36
10	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.	0.5	23
11	A high-performance, resource-efficient, reconfigurable parallel-pipelined FFT processor for FPGA platforms. Microprocessors and Microsystems, 2018, 60, 96-106.	1.8	22
12	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.	0.5	18
13	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.	0.5	15
14	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.	0.5	14
15	Towards bearing health prognosis using generative adversarial networks: Modeling bearing degradation. , 2018, , .		11
16	Distance and Density Similarity Based Enhanced<mml: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.	0.3	8
17	A Pipelined FFT Processor Using an Optimal Hybrid Rotation Scheme for Complex Multiplication: Design, FPGA Implementation and Analysis. Electronics (Switzerland), 2018, 7, 137.	1.8	8
18	Real-Time Vehicle Recognition and Improved Traffic Congestion Resolution. , 2015, , .		6

#	Article	IF	Citations
19	An FPGA-Based Implementation of a Pipelined FFT Processor for High-Speed Signal Processing Applications. Lecture Notes in Computer Science, 2017, , 81-89.	1.0	5
20	Feature Selection for Improving Failure Detection in Hard Disk Drives Using a Genetic Algorithm and Significance Scores. Applied Sciences (Switzerland), 2020, 10, 3200.	1.3	4