Chander Gandhi

List of Publications by Year
in descending order

759233

888059

18	796	12	17
papers	citations	h-index	g-index

18	18	18	456
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	A novel health indicator developed using filter-based feature selection algorithm for the identification of rotor defects. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 529-541.	0.7	7
2	Adaptive sensitive frequency band selection for VMD to identify defective components of an axial piston pump. Chinese Journal of Aeronautics, 2022, 35, 250-265.	5.3	32
3	VMD based trigonometric entropy measure: a simple and effective tool for dynamic degradation monitoring of rolling element bearing. Measurement Science and Technology, 2022, 33, 014005.	2.6	59
4	State-space modeling and novel entropy-based health indicator for dynamic degradation monitoring of rolling element bearing. Reliability Engineering and System Safety, 2022, 221, 108356.	8.9	42
5	Maximal overlap discrete wavelet packet transforms and variants of neutrosophic cubic cross-entropy-based identification of rotor defects. Measurement Science and Technology, 2022, 33, 085107.	2.6	4
6	Maximal overlap discrete wavelet packet transforms-based bipolar neutrosophic cross entropy measure for identification of rotor defects. Measurement: Journal of the International Measurement Confederation, 2022, 200, 111577.	5.0	6
7	Novel Convolutional Neural Network (NCNN) for the Diagnosis of Bearing Defects in Rotary Machinery. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	96
8	Sparse transfer learning for identifying rotor and gear defects in the mechanical machinery. Measurement: Journal of the International Measurement Confederation, 2021, 179, 109494.	5.0	33
9	Entropy based designing and analysis of a compact single layer double negative metamaterial with oblique incidents. Engineering Applications of Artificial Intelligence, 2021, 103, 104304.	8.1	4
10	Tacho-less sparse CNN to detect defects in rotor-bearing systems at varying speed. Engineering Applications of Artificial Intelligence, 2021, 104, 104401.	8.1	49
11	Application of biosynthesized nano-catalyst for biodiesel synthesis and impact assessment of factors influencing the yield. Nanosystems: Physics, Chemistry, Mathematics, 2021, 12, 808-817.	0.4	3
12	Fault diagnosis of rolling element bearing based on symmetric cross entropy of neutrosophic sets. Measurement: Journal of the International Measurement Confederation, 2020, 152, 107318.	5.0	53
13	Improved CNN for the diagnosis of engine defects of 2-wheeler vehicle using wavelet synchro-squeezed transform (WSST). Knowledge-Based Systems, 2020, 208, 106453.	7.1	43
14	Improved deep convolution neural network (CNN) for the identification of defects in the centrifugal pump using acoustic images. Applied Acoustics, 2020, 167, 107399.	3.3	103
15	Latest developments in gear defect diagnosis and prognosis: A review. Measurement: Journal of the International Measurement Confederation, 2020, 158, 107735.	5.0	136
16	Variational mode decomposition based symmetric single valued neutrosophic cross entropy measure for the identification of bearing defects in a centrifugal pump. Applied Acoustics, 2020, 165, 107294.	3.3	59
17	Bearing defect size assessment using wavelet transform based Deep Convolutional Neural Network (DCNN). AEJ - Alexandria Engineering Journal, 2020, 59, 999-1012.	6.4	67
18	Some generalized information theoretic measures based upon probability distributions. , 2010, , .		0