Ahmed M Abdelrhman

List of Publications by Year
in descending order

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16	351	1684188 5	1720034 7
papers	citations	h-index	g-index

17	17	17	309
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wavelet Analysis: Mother Wavelet Selection Methods. Applied Mechanics and Materials, 0, 393, 953-958.	0.2	175
2	Scopes, challenges and approaches of energy harvesting for wireless sensor nodes in machine condition monitoring systems: A review. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109856.	5.0	41
3	A Review of Acoustic Emission Technique for Machinery Condition Monitoring: Defects Detection & Diagnostic. Applied Mechanics and Materials, 0, 229-231, 1476-1480.	0.2	30
4	Condition Monitoring of Blade in Turbomachinery: A Review. Advances in Mechanical Engineering, 2014, 6, 210717.	1.6	30
5	Observations of changes in acoustic emission parameters for varying corrosion defect in reciprocating compressor valves. Ain Shams Engineering Journal, 2019, 10, 253-265.	6.1	19
6	A Review of Vibration Monitoring as a Diagnostic Tool for Turbine Blade Faults. Applied Mechanics and Materials, 0, 229-231, 1459-1463.	0.2	18
7	Application of Wavelet Analysis in Blade Faults Diagnosis for Multi-Stages Rotor System. Applied Mechanics and Materials, 2013, 393, 959-964.	0.2	13
8	Hybrid vibro-acoustic energy harvesting using electromagnetic transduction for autonomous condition monitoring system. Energy Conversion and Management, 2022, 258, 115443.	9.2	10
9	Vibration Analysis of Multi Stages Rotor for Blade Faults Diagnosis. Advanced Materials Research, 0, 845, 133-137.	0.3	6
10	Time Frequency Analysis for Blade Rub Detection in Multi Stage Rotor System. Applied Mechanics and Materials, 0, 773-774, 95-99.	0.2	3
11	Detection of Twisted Blade in Multi Stage Rotor System. Applied Mechanics and Materials, 2015, 773-774, 144-148.	0.2	2
12	A Comparative Study of Reassigned Conventional Wavelet Transform for Machinery Faults Detection. Applied Mechanics and Materials, 2015, 773-774, 90-94.	0.2	2
13	Vibration Condition Monitoring: Latest Trend and Review. Applied Mechanics and Materials, 0, 773-774, 139-143.	0.2	1
14	Bearing faults identification and resonant band demodulation based on wavelet de-noising methods and envelope analysis. IOP Conference Series: Materials Science and Engineering, 2017, 217, 012031.	0.6	1
15	Numerical investigations on axial and radial blade rubs in turbo-machinery. IOP Conference Series: Materials Science and Engineering, 2017, 217, 012015.	0.6	0
16	Adapted Wavelet Transform for Twisted Blade Diagnosis in Multi Stage Rotor. MATEC Web of Conferences, 2019, 255, 02011.	0.2	0