

Ahmed M Abdelrhman

List of Publications by Year in descending order

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16
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1684188

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times ranked

309
citing authors

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