

# CITATION REPORT

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**A novel approach to fault detection and diagnosis on wind turbines**

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#	Paper	IF	Citations
30	Maintenance management of wind turbines structures via MFCs and wavelet transforms. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 48, 472-482	16.2	38
29	A New Condition Monitoring Approach for Maintenance Management in Concentrate Solar Plants. <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 999-1008	0.4	12
28	A New Fault Location Approach for Acoustic Emission Techniques in Wind Turbines. <i>Energies</i> , <b>2016</b> , 9, 40	3.1	68
27	Ice detection using thermal infrared radiometry on wind turbine blades. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2016</b> , 93, 157-163	4.6	77
26	Economic viability analysis for icing blades detection in wind turbines. <i>Journal of Cleaner Production</i> , <b>2016</b> , 135, 1150-1160	10.3	50
25	Nonparametric Bayesian models for AR and ARX identification. <b>2016</b> ,		
24	Sound and vibration-based pattern recognition for wind turbines driving mechanisms. <i>Renewable Energy</i> , <b>2017</b> , 109, 262-274	8.1	10
23	Multivariable Analysis for Advanced Analytics of Wind Turbine Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 319-328	0.4	6
22	A Condition Monitoring System for Blades of Wind Turbine Maintenance Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 3-11	0.4	18
21	Artificial Intelligence for Concentrated Solar Plant Maintenance Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 125-134	0.4	15
20	Introduction. <b>2017</b> , 1-9		
19	Decision-Making Management - Pages 119-122. <b>2017</b> , 119-122		
18	Optimal Dynamic Analysis of Electrical/Electronic Components in Wind Turbines. <i>Energies</i> , <b>2017</b> , 10, 1111-1124	3.1	48
17	Future Maintenance Management in Renewable Energies. <b>2018</b> , 149-159		8
16	Concentrated Solar Plants Management: Big Data and Neural Network. <b>2018</b> , 63-81		6
15	Wind Energy Power Prospective. <b>2018</b> , 83-95		8
14	Wavelet transforms and pattern recognition on ultrasonic guides waves for frozen surface state diagnosis. <i>Renewable Energy</i> , <b>2018</b> , 116, 42-54	8.1	57

13	Machine Learning for Wind Turbine Blades Maintenance Management. <i>Energies</i> , <b>2018</b> , 11, 13	3.1	57
12	A survey of artificial neural network in wind energy systems. <i>Applied Energy</i> , <b>2018</b> , 228, 1822-1836	10.7	199
11	Linear and nonlinear features and machine learning for wind turbine blade ice detection and diagnosis. <i>Renewable Energy</i> , <b>2019</b> , 132, 1034-1048	8.1	68
10	Reliability analysis of detecting false alarms that employ neural networks: A real case study on wind turbines. <i>Reliability Engineering and System Safety</i> , <b>2019</b> , 191, 106574	6.3	32
9	Advanced analytics for detection and diagnosis of false alarms and faults: A real case study. <i>Wind Energy</i> , <b>2019</b> , 22, 1622-1635	3.4	41
8	A review of the application performances of concentrated solar power systems. <i>Applied Energy</i> , <b>2019</b> , 255, 113893	10.7	49
7	Structural health monitoring for delamination detection and location in wind turbine blades employing guided waves. <i>Wind Energy</i> , <b>2019</b> , 22, 698-711	3.4	52
6	Dirt and mud detection and diagnosis on a wind turbine blade employing guided waves and supervised learning classifiers. <i>Reliability Engineering and System Safety</i> , <b>2019</b> , 184, 2-12	6.3	51
5	An overview of wind turbine maintenance management. <b>2020</b> , 31-47		
4	Non-destructive testing of wind turbines using ultrasonic waves. <b>2020</b> , 91-101		7
3	Maintenance management based on Machine Learning and nonlinear features in wind turbines. <i>Renewable Energy</i> , <b>2020</b> , 146, 316-328	8.1	46
2	Support Vector Machine and K-fold Cross-validation to Detect False Alarms in Wind Turbines. <b>2023</b> , 81-97		0
1	Classification of SCADA Alarms and False Alarm Identification Using Support Vector Machine for Wind Turbine Management. <b>2023</b> , 535-547		0