

Alberto Pliego Marugán

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,169
citations

623188

14
h-index

676716

22
g-index

31
all docs

31
docs citations

31
times ranked

893
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel approach to optimize the positioning and measurement parameters in photovoltaic aerial inspections. <i>Renewable Energy</i> , 2022, 187, 371-389.	4.3	11
2	Economic and Reliability Model for Offshore Wind Farm Maintenance: A Metaheuristic-Based Methodology. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2021, , 285-294.	0.5	2
3	A Hybrid Jaya-Powell's Pattern Search Algorithm for Multi-Objective Optimal Power Flow Incorporating Distributed Generation. <i>Energies</i> , 2021, 14, 2831.	1.6	14
4	A review on condition monitoring system for solar plants based on thermography. , 2020, , 103-118.		13
5	Remotely operated vehicle applications. , 2020, , 119-132.		2
6	Survey of maintenance management for photovoltaic power systems. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110347.	8.2	48
7	Reliability Dynamic Analysis by Fault Trees and Binary Decision Diagrams. <i>Information (Switzerland)</i> , 2020, 11, 324.	1.7	47
8	Photovoltaic plant condition monitoring using thermal images analysis by convolutional neural network-based structure. <i>Renewable Energy</i> , 2020, 153, 334-348.	4.3	117
9	Optimal Productivity in Solar Power Plants Based on Machine Learning and Engineering Management. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2019, , 983-994.	0.4	6
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> , 2019, 191, 106574.	5.1	47
11	Advanced analytics for detection and diagnosis of false alarms and faults: A real case study. <i>Wind Energy</i> , 2019, 22, 1622-1635.	1.9	49
12	A review of the application performances of concentrated solar power systems. <i>Applied Energy</i> , 2019, 255, 113893.	5.1	85
13	Decision Making using Logical Decision Tree and Binary Decision Diagrams: A Real Case Study of Wind Turbine Manufacturing. <i>Energies</i> , 2019, 12, 1753.	1.6	33
14	A survey of artificial neural network in wind energy systems. <i>Applied Energy</i> , 2018, 228, 1822-1836.	5.1	324
15	Fuzzy Logic Applied to SCADA Systems. , 2018, , 749-757.		6
16	Optimal decision-making via binary decision diagrams for investments under a risky environment. <i>International Journal of Production Research</i> , 2017, 55, 5271-5286.	4.9	54
17	Optimal Dynamic Analysis of Electrical/Electronic Components in Wind Turbines. <i>Energies</i> , 2017, 10, 1111.	1.6	58
18	Optimal Maintenance Management of Offshore Wind Farms. <i>Energies</i> , 2016, 9, 46.	1.6	73

#	ARTICLE	IF	CITATIONS
19	A novel approach to diagnostic and prognostic evaluations applied to railways: A real case study. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2016, 230, 1440-1456.	1.3	14
20	Identification of critical components of wind turbines using FTA over the time. Renewable Energy, 2016, 87, 869-883.	4.3	107
21	Decision making process via binary decision diagram. International Journal of Management Science and Engineering Management, 2015, 10, 3-8.	2.6	26
22	Improving the Efficiency on Decision Making Process via BDD. Advances in Intelligent Systems and Computing, 2015, , 1395-1405.	0.5	4
23	Decision Making Approach for Optimal Business Investments. , 2015, , 1-20.		4
24	Introductory Chapter: An Overview to the Analytic Principles with Business Practice in Decision Making. , 0, , .		0