

# Alberto Pliego Marugn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6794433/publications.pdf>

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 survey of artificial neural network in wind energy systems. Applied Energy, 2018, 228, 1822-1836.	5.1	324
2	Photovoltaic plant condition monitoring using thermal images analysis by convolutional neural network-based structure. Renewable Energy, 2020, 153, 334-348.	4.3	117
3	Identification of critical components of wind turbines using FTA over the time. Renewable Energy, 2016, 87, 869-883.	4.3	107
4	A review of the application performances of concentrated solar power systems. Applied Energy, 2019, 255, 113893.	5.1	85
5	Optimal Maintenance Management of Offshore Wind Farms. Energies, 2016, 9, 46.	1.6	73
6	Optimal Dynamic Analysis of Electrical/Electronic Components in Wind Turbines. Energies, 2017, 10, 1111.	1.6	58
7	Optimal decision-making via binary decision diagrams for investments under a risky environment. International Journal of Production Research, 2017, 55, 5271-5286.	4.9	54
8	Advanced analytics for detection and diagnosis of false alarms and faults: A real case study. Wind Energy, 2019, 22, 1622-1635.	1.9	49
9	Survey of maintenance management for photovoltaic power systems. Renewable and Sustainable Energy Reviews, 2020, 134, 110347.	8.2	48
10	Reliability analysis of detecting false alarms that employ neural networks: A real case study on wind turbines. Reliability Engineering and System Safety, 2019, 191, 106574.	5.1	47
11	Reliability Dynamic Analysis by Fault Trees and Binary Decision Diagrams. Information (Switzerland), 2020, 11, 324.	1.7	47
12	Decision Making using Logical Decision Tree and Binary Decision Diagrams: A Real Case Study of Wind Turbine Manufacturing. Energies, 2019, 12, 1753.	1.6	33
13	Decision making process via binary decision diagram. International Journal of Management Science and Engineering Management, 2015, 10, 3-8.	2.6	26
14	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
15	A Hybrid Jaya-Powell's Pattern Search Algorithm for Multi-Objective Optimal Power Flow Incorporating Distributed Generation. Energies, 2021, 14, 2831.	1.6	14
16	A review on condition monitoring system for solar plants based on thermography. , 2020, , 103-118.		13
17	A novel approach to optimize the positioning and measurement parameters in photovoltaic aerial inspections. Renewable Energy, 2022, 187, 371-389.	4.3	11
18	Optimal Productivity in Solar Power Plants Based on Machine Learning and Engineering Management. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 983-994.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Fuzzy Logic Applied to SCADA Systems. , 2018, , 749-757.		6
20	Improving the Efficiency on Decision Making Process via BDD. Advances in Intelligent Systems and Computing, 2015, , 1395-1405.	0.5	4
21	Decision Making Approach for Optimal Business Investments. , 2015, , 1-20.		4
22	Remotely operated vehicle applications. , 2020, , 119-132.		2
23	Economic and Reliability Model for Offshore Wind Farm Maintenance: A Metaheuristic-Based Methodology. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 285-294.	0.5	2
24	Introductory Chapter: An Overview to the Analytic Principles with Business Practice in Decision Making. , 0, , .		0