

Isaac Segovia RamÃ- rez

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

331
citations

840119

11
h-index

887659

17
g-index

30
all docs

30
docs citations

30
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Condition monitoring system for solar power plants with radiometric and thermographic sensors embedded in unmanned aerial vehicles. Measurement: Journal of the International Measurement Confederation, 2019, 139, 152-162.	2.5	60
2	Reliability Dynamic Analysis by Fault Trees and Binary Decision Diagrams. Information (Switzerland), 2020, 11, 324.	1.7	47
3	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
4	Fault detection and diagnosis in photovoltaic panels by radiometric sensors embedded in unmanned aerial vehicles. Progress in Photovoltaics: Research and Applications, 2022, 30, 240-256.	4.4	28
5	False Alarms Analysis of Wind Turbine Bearing System. Sustainability, 2020, 12, 7867.	1.6	24
6	A Condition Monitoring System for Blades of Wind Turbine Maintenance Management. Advances in Intelligent Systems and Computing, 2017, , 3-11.	0.5	20
7	Autonomous Underwater Vehicles and Field of View in Underwater Operations. Journal of Marine Science and Engineering, 2021, 9, 277.	1.2	19
8	Acoustic inspection system with unmanned aerial vehicles for wind turbines structure health monitoring. Structural Health Monitoring, 2022, 21, 485-500.	4.3	18
9	Alarms management by supervisory control and data acquisition system for wind turbines. Eksploatacja i Niezawodnosc, 2021, 23, 110-116.	1.1	17
10	Unmanned aerial vehicle integrated real time kinematic in infrared inspection of photovoltaic panels. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110536.	2.5	14
11	A novel approach to optimize the positioning and measurement parameters in photovoltaic aerial inspections. Renewable Energy, 2022, 187, 371-389.	4.3	11
12	State of the Art of Artificial Intelligence Applied for False Alarms in Wind Turbines. Archives of Computational Methods in Engineering, 0, , 1.	6.0	7
13	Numerical evaluation of type I pressure vessels for ultra-deep ocean trench exploration. Results in Engineering, 2021, 11, 100267.	2.2	5
14	Concentrated Solar Power: Present and Future. , 2018, , 51-61.		4
15	Online Fault Detection in Solar Plants Using a Wireless Radiometer in Unmanned Aerial Vehicles. , 2018, , 1161-1174.		3
16	Remotely operated vehicle applications. , 2020, , 119-132.		2
17	Support Vector Machine for False Alarm Detection in Wind Turbine Management. , 2021, , .		2
18	Fault Detection and Identification for Maintenance Management. Advances in Intelligent Systems and Computing, 2020, , 460-469.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Photovoltaic Solar Power Plant Maintenance Management based on IoT and Machine Learning. , 2021, , .		1
20	A Review and Analysis of Forecasting of Photovoltaic Power Generation Using Machine Learning. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 492-505.	0.5	1
21	Wind Turbines Acoustic Inspections performed with UAV and sound frequency domain analysis. , 2021, , .		0
22	Machine Learning techniques implemented in IoT platform for fault detection in photovoltaic panels. , 2021, , .		0