

Isaac Segovia RamÃ- rez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/684026/publications.pdf>

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	Acoustic inspection system with unmanned aerial vehicles for wind turbines structure health monitoring. Structural Health Monitoring, 2022, 21, 485-500.	4.3	18
2	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
3	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
4	A novel approach to optimize the positioning and measurement parameters in photovoltaic aerial inspections. Renewable Energy, 2022, 187, 371-389.	4.3	11
5	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
6	Alarms management by supervisory control and data acquisition system for wind turbines. Eksploatacja i Niezawodność, 2021, 23, 110-116.	1.1	17
7	Wind Turbines Acoustic Inspections performed with UAV and sound frequency domain analysis. , 2021, , .		0
8	Support Vector Machine for False Alarm Detection in Wind Turbine Management. , 2021, , .		2
9	Autonomous Underwater Vehicles and Field of View in Underwater Operations. Journal of Marine Science and Engineering, 2021, 9, 277.	1.2	19
10	Numerical evaluation of type I pressure vessels for ultra-deep ocean trench exploration. Results in Engineering, 2021, 11, 100267.	2.2	5
11	Machine Learning techniques implemented in IoT platform for fault detection in photovoltaic panels. , 2021, , .		0
12	Photovoltaic Solar Power Plant Maintenance Management based on IoT and Machine Learning. , 2021, , .		1
13	Remotely operated vehicle applications. , 2020, , 119-132.		2
14	False Alarms Analysis of Wind Turbine Bearing System. Sustainability, 2020, 12, 7867.	1.6	24
15	Reliability Dynamic Analysis by Fault Trees and Binary Decision Diagrams. Information (Switzerland), 2020, 11, 324.	1.7	47
16	Fault Detection and Identification for Maintenance Management. Advances in Intelligent Systems and Computing, 2020, , 460-469.	0.5	1
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Concentrated Solar Power: Present and Future. , 2018, , 51-61.		4
20	Online Fault Detection in Solar Plants Using a Wireless Radiometer in Unmanned Aerial Vehicles. , 2018, , 1161-1174.		3
21	A Condition Monitoring System for Blades of Wind Turbine Maintenance Management. Advances in Intelligent Systems and Computing, 2017, , 3-11.	0.5	20
22	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