Stefan Faulstich

List of Publications by Year
in descending order

17 papers	663 citations	933264 10 h-index	940416 16 g-index
19 all docs	19 docs citations	19 times ranked	680 citing authors

#	ARTICLE	IF	CITATIONS
1	Wind turbine downtime and its importance for offshore deployment. Wind Energy, 2011, 14, 327-337.	1.9	259
2	Performance and Reliability of Wind Turbines: A Review. Energies, 2017, 10, 1904.	1.6	130
3	Study of weather and location effects on wind turbine failure rates. Wind Energy, 2013, 16, 175-187.	1.9	73
4	Failure Modes, Effects and Criticality Analysis for Wind Turbines Considering Climatic Regions and Comparing Geared and Direct Drive Wind Turbines. Energies, 2018, 11, 2317.	1.6	49
5	Powering the 21st century by wind energyâ€"Options, facts, figures. Applied Physics Reviews, 2019, 6, .	5.5	45
6	Autoencoder-based anomaly root cause analysis for wind turbines. Energy and AI, 2021, 4, 100065.	5.8	20
7	Reliability & Availability of Wind Turbine Electrical & Electronic Components. EPE Journal (European Power Electronics and Drives Journal), 2010, 20, 45-50.	0.7	17
8	Recommended key performance indicators for operational management of wind turbines. Journal of Physics: Conference Series, 2019, 1356, 012040.	0.3	14
9	Modelling the failure behaviour of wind turbines. Journal of Physics: Conference Series, 2016, 749, 012019.	0.3	10
10	Recommended practices for wind farm data collection and reliability assessment for O&M optimization. Energy Procedia, 2017, 137, 358-365.	1.8	10
11	Assessing the Factors Impacting on the Reliability of Wind Turbines via Survival Analysisâ€"A Case Study. Energies, 2018, 11, 3034.	1.6	10
12	Evaluation of Anomaly Detection of an Autoencoder Based on Maintenace Information and Scada-Data. Energies, 2020, 13, 1063.	1.6	10
13	Monitoring Offshore Wind Energy Use in Europeâ€"Offshoreâˆ¼WMEP. Energy Procedia, 2012, 24, 322-327.	1.8	4
14	Considering Uncertainties of Key Performance Indicators in Wind Turbine Operation. Applied Sciences (Switzerland), 2020, 10, 898.	1.3	4
15	Monetaryâ€'based availability: A novel approach to assess the performance of wind turbines. Wind Energy, 2020, 23, 77-89.	1.9	3
16	Ja, wie laufen sie denn nun?. , 2016, , 165-174.		1
17	Digitalization Workflow for Automated Structuring and Standardization of Maintenance Information of Wind Turbines into Domain Standard as a Basis for Reliability KPI Calculation. Journal of Physics: Conference Series, 2022, 2257, 012004.	0.3	1