

# Stefan Faulstich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8705987/publications.pdf>

Version: 2024-02-01

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	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
2	Autoencoder-based anomaly root cause analysis for wind turbines. Energy and AI, 2021, 4, 100065.	5.8	20
3	Monetary-based availability: A novel approach to assess the performance of wind turbines. Wind Energy, 2020, 23, 77-89.	1.9	3
4	Considering Uncertainties of Key Performance Indicators in Wind Turbine Operation. Applied Sciences (Switzerland), 2020, 10, 898.	1.3	4
5	Evaluation of Anomaly Detection of an Autoencoder Based on Maintenance Information and Scada-Data. Energies, 2020, 13, 1063.	1.6	10
6	Powering the 21st century by wind energy—Options, facts, figures. Applied Physics Reviews, 2019, 6, .	5.5	45
7	Recommended key performance indicators for operational management of wind turbines. Journal of Physics: Conference Series, 2019, 1356, 012040.	0.3	14
8	Assessing the Factors Impacting on the Reliability of Wind Turbines via Survival Analysis—A Case Study. Energies, 2018, 11, 3034.	1.6	10
9	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
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	Performance and Reliability of Wind Turbines: A Review. Energies, 2017, 10, 1904.	1.6	130
12	Modelling the failure behaviour of wind turbines. Journal of Physics: Conference Series, 2016, 749, 012019.	0.3	10
13	Ja, wie laufen sie denn nun?. , 2016, , 165-174.		1
14	Study of weather and location effects on wind turbine failure rates. Wind Energy, 2013, 16, 175-187.	1.9	73
15	Monitoring Offshore Wind Energy Use in Europe—Offshore <sup>1</sup> / <sub>4</sub> WMEP. Energy Procedia, 2012, 24, 322-327.	1.8	4
16	Wind turbine downtime and its importance for offshore deployment. Wind Energy, 2011, 14, 327-337.	1.9	259
17	Reliability & Availability of Wind Turbine Electrical & Electronic Components. EPE Journal (European Power Electronics and Drives Journal), 2010, 20, 45-50.	0.7	17