

Katharina Gruber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4813102/publications.pdf>

Version: 2024-02-01

12
papers

303
citations

1307594

7
h-index

1372567

10
g-index

21
all docs

21
docs citations

21
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution large-scale onshore wind energy assessments: A review of potential definitions, methodologies and future research needs. <i>Renewable Energy</i> , 2022, 182, 659-684.	8.9	82
2	A new perspective on global renewable energy systems: why trade in energy carriers matters. <i>Energy and Environmental Science</i> , 2019, 12, 2022-2029.	30.8	81
3	Towards global validation of wind power simulations: A multi-country assessment of wind power simulation from MERRA-2 and ERA-5 reanalyses bias-corrected with the global wind atlas. <i>Energy</i> , 2022, 238, 121520.	8.8	41
4	Assessing the Global Wind Atlas and local measurements for bias correction of wind power generation simulated from MERRA-2 in Brazil. <i>Energy</i> , 2019, 189, 116212.	8.8	38
5	Assessing variables of regional reanalysis data sets relevant for modelling small-scale renewable energy systems. <i>Renewable Energy</i> , 2019, 133, 1468-1478.	8.9	23
6	Potential Analysis of Hybrid Renewable Energy Systems for Self-Sufficient Residential Use in Germany and the Czech Republic. <i>Energies</i> , 2019, 12, 4185.	3.1	14
7	Profitability and investment risk of Texan power system winterization. <i>Nature Energy</i> , 2022, 7, 409-416.	39.5	10
8	The cost of undisturbed landscapes. <i>Energy Policy</i> , 2021, 159, 112617.	8.8	6
9	Pathway to a land-neutral expansion of Brazilian renewable fuel production. <i>Nature Communications</i> , 2022, 13, .	12.8	5
10	Less Information, Similar Performance: Comparing Machine Learning-Based Time Series of Wind Power Generation to Renewables.ninja. <i>Energies</i> , 2020, 13, 2277.	3.1	3
11	The perils of automated fitting of datasets: The case of a wind turbine cost model. Examples and Counterexamples, 2022, 2, 100059.	0.6	0
12	Winterizing power plants pays off for risk-neutral investors in Texas. <i>Nature Energy</i> , 2022, 7, 398-399.	39.5	0