

Eric Lantz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1869538/publications.pdf>

Version: 2024-02-01

20
papers

1,444
citations

687363

13
h-index

794594

19
g-index

29
all docs

29
docs citations

29
times ranked

1287
citing authors

#	ARTICLE	IF	CITATIONS
1	Grand challenges in the science of wind energy. <i>Science</i> , 2019, 366, .	12.6	482
2	Expert elicitation survey on future wind energy costs. <i>Nature Energy</i> , 2016, 1, .	39.5	194
3	Expert elicitation survey predicts 37% to 49% declines in wind energy costs by 2050. <i>Nature Energy</i> , 2021, 6, 555-565.	39.5	177
4	Attitudes of U.S. Wind Turbine Neighbors: Analysis of a Nationwide Survey. <i>Energy Policy</i> , 2019, 134, 110981.	8.8	77
5	Wind turbine blade material in the United States: Quantities, costs, and end-of-life options. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105439.	10.8	73
6	Land use and turbine technology influences on wind potential in the United States. <i>Energy</i> , 2021, 223, 120044.	8.8	45
7	Land-based wind energy cost trends in Germany, Denmark, Ireland, Norway, Sweden and the United States. <i>Applied Energy</i> , 2020, 277, 114777.	10.1	43
8	Long-term implications of sustained wind power growth in the United States: Potential benefits and secondary impacts. <i>Applied Energy</i> , 2016, 179, 146-158.	10.1	40
9	Assessing wind power operating costs in the United States: Results from a survey of wind industry experts. <i>Renewable Energy Focus</i> , 2019, 30, 46-57.	4.5	39
10	Multifaceted drivers for onshore wind energy repowering and their implications for energy transition. <i>Nature Energy</i> , 2020, 5, 1012-1021.	39.5	37
11	Interactions of wind energy project siting, wind resource potential, and the evolution of the U.S. power system. <i>Energy</i> , 2021, 223, 119998.	8.8	34
12	Long-term implications of sustained wind power growth in the United States: Direct electric system impacts and costs. <i>Applied Energy</i> , 2016, 179, 832-846.	10.1	24
13	Opportunities for and challenges to further reductions in the "specific power" rating of wind turbines installed in the United States. <i>Wind Engineering</i> , 2021, 45, 351-368.	1.9	24
14	Wind power costs driven by innovation and experience with further reductions on the horizon. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2021, 10, e398.	4.1	14
15	Expert perspectives on the wind plant of the future. <i>Wind Energy</i> , 2022, 25, 1363-1378.	4.2	14
16	Analysis of Ideal Towers for Tall Wind Applications. , 2018, , .		5
17	Dynamic land use implications of rapidly expanding and evolving wind power deployment. <i>Environmental Research Letters</i> , 2022, 17, 044064.	5.2	5
18	Spatially-Explicit Prediction of Capacity Density Advances Geographic Characterization of Wind Power Technical Potential. <i>Energies</i> , 2021, 14, 3609.	3.1	4

#	ARTICLE	IF	CITATIONS
19	National-scale impacts on wind energy production under curtailment scenarios to reduce bat fatalities. <i>Wind Energy</i> , 2022, 25, 1514-1529.	4.2	3
20	Multifaceted political and social drivers inform wind energy repowering decisions and potential. <i>Nature Energy</i> , 2020, 5, 950-951.	39.5	1