

Eric Lantz

List of Publications by Year in descending order

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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	Dynamic land use implications of rapidly expanding and evolving wind power deployment. Environmental Research Letters, 2022, 17, 044064.	5.2	5
2	Expert perspectives on the wind plant of the future. Wind Energy, 2022, 25, 1363-1378.	4.2	14
3	National-scale impacts on wind energy production under curtailment scenarios to reduce bat fatalities. Wind Energy, 2022, 25, 1514-1529.	4.2	3
4	Opportunities for and challenges to further reductions in the "specific power" rating of wind turbines installed in the United States. Wind Engineering, 2021, 45, 351-368.	1.9	24
5	Wind power costs driven by innovation and experience with further reductions on the horizon. Wiley Interdisciplinary Reviews: Energy and Environment, 2021, 10, e398.	4.1	14
6	Expert elicitation survey predicts 37% to 49% declines in wind energy costs by 2050. Nature Energy, 2021, 6, 555-565.	39.5	177
7	Land use and turbine technology influences on wind potential in the United States. Energy, 2021, 223, 120044.	8.8	45
8	Wind turbine blade material in the United States: Quantities, costs, and end-of-life options. Resources, Conservation and Recycling, 2021, 168, 105439.	10.8	73
9	Interactions of wind energy project siting, wind resource potential, and the evolution of the U.S. power system. Energy, 2021, 223, 119998.	8.8	34
10	Spatially-Explicit Prediction of Capacity Density Advances Geographic Characterization of Wind Power Technical Potential. Energies, 2021, 14, 3609.	3.1	4
11	Land-based wind energy cost trends in Germany, Denmark, Ireland, Norway, Sweden and the United States. Applied Energy, 2020, 277, 114777.	10.1	43
12	Multifaceted political and social drivers inform wind energy repowering decisions and potential. Nature Energy, 2020, 5, 950-951.	39.5	1
13	Multifaceted drivers for onshore wind energy repowering and their implications for energy transition. Nature Energy, 2020, 5, 1012-1021.	39.5	37
14	Assessing wind power operating costs in the United States: Results from a survey of wind industry experts. Renewable Energy Focus, 2019, 30, 46-57.	4.5	39
15	Grand challenges in the science of wind energy. Science, 2019, 366, .	12.6	482
16	Attitudes of U.S. Wind Turbine Neighbors: Analysis of a Nationwide Survey. Energy Policy, 2019, 134, 110981.	8.8	77
17	Analysis of Ideal Towers for Tall Wind Applications. , 2018, , .		5
18	Long-term implications of sustained wind power growth in the United States: Direct electric system impacts and costs. Applied Energy, 2016, 179, 832-846.	10.1	24

#	ARTICLE	IF	CITATIONS
19	Long-term implications of sustained wind power growth in the United States: Potential benefits and secondary impacts. Applied Energy, 2016, 179, 146-158.	10.1	40
20	Expert elicitation survey on future wind energy costs. Nature Energy, 2016, 1, .	39.5	194