

Jesse D Jenkins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7023109/publications.pdf>

Version: 2024-02-01

18
papers

1,763
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1564
citing authors

#	ARTICLE	IF	CITATIONS
1	The value of energy storage in decarbonizing the electricity sector. <i>Applied Energy</i> , 2016, 175, 368-379.	10.1	307
2	The Role of Firm Low-Carbon Electricity Resources in Deep Decarbonization of Power Generation. <i>Joule</i> , 2018, 2, 2403-2420.	24.0	306
3	The design space for long-duration energy storage in decarbonized power systems. <i>Nature Energy</i> , 2021, 6, 506-516.	39.5	236
4	Political economy constraints on carbon pricing policies: What are the implications for economic efficiency, environmental efficacy, and climate policy design?. <i>Energy Policy</i> , 2014, 69, 467-477.	8.8	189
5	Getting to Zero Carbon Emissions in the Electric Power Sector. <i>Joule</i> , 2018, 2, 2498-2510.	24.0	165
6	A critical review of global decarbonization scenarios: what do they tell us about feasibility?. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2015, 6, 93-112.	8.1	131
7	The benefits of nuclear flexibility in power system operations with renewable energy. <i>Applied Energy</i> , 2018, 222, 872-884.	10.1	118
8	Long-run system value of battery energy storage in future grids with increasing wind and solar generation. <i>Applied Energy</i> , 2020, 275, 115390.	10.1	94
9	Why Distributed?: A Critical Review of the Tradeoffs Between Centralized and Decentralized Resources. <i>IEEE Power and Energy Magazine</i> , 2019, 17, 16-24.	1.6	46
10	Nuclear power and renewable energy are both associated with national decarbonization. <i>Nature Energy</i> , 2022, 7, 25-29.	39.5	40
11	What is different about different net-zero carbon electricity systems?. <i>Energy and Climate Change</i> , 2021, 2, 100046.	4.4	28
12	Profitability Evaluation of Load-Following Nuclear Units with Physics-Induced Operational Constraints. <i>Nuclear Technology</i> , 2017, 200, 189-207.	1.2	19
13	Long-duration energy storage: A blueprint for research and innovation. <i>Joule</i> , 2021, 5, 2241-2246.	24.0	18
14	Restructuring Revisited Part 2: Coordination in Electricity Distribution Systems. <i>Energy Journal</i> , 2019, 40, 55-76.	1.7	17
15	A regulatory framework for an evolving electricity sector: Highlights of the MIT utility of the future study. <i>Economics of Energy and Environmental Policy</i> , 2017, 6, .	1.4	15
16	The value of in-reservoir energy storage for flexible dispatch of geothermal power. <i>Applied Energy</i> , 2022, 313, 118807.	10.1	14
17	Restructuring Revisited Part 1: Competition in Electricity Distribution Systems. <i>Energy Journal</i> , 2019, 40, 31-54.	1.7	11
18	Modeling the operational flexibility of natural gas combined cycle power plants coupled with flexible carbon capture and storage via solvent storage and flexible regeneration. <i>International Journal of Greenhouse Gas Control</i> , 2022, 118, 103686.	4.6	9