

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