

Jessica Jewell

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,248
citations

218677

26
h-index

361022

35
g-index

47
all docs

47
docs citations

47
times ranked

2947
citing authors

#	ARTICLE	IF	CITATIONS
1	Phases of fossil fuel decline: Diagnostic framework for policy sequencing and feasible transition pathways in resource dependent regions. , 2022, 1, .		9
2	Pathway to a land-neutral expansion of Brazilian renewable fuel production. Nature Communications, 2022, 13, .	12.8	5
3	Liquefied natural gas expansion plans in Germany: The risk of gas lock-in under energy transitions. Energy Research and Social Science, 2021, 76, 102059.	6.4	39
4	Meeting well-below 2Â°C target would increase energy sector jobs globally. One Earth, 2021, 4, 1026-1036.	6.8	44
5	National growth dynamics of wind and solar power compared to the growth required for global climate targets. Nature Energy, 2021, 6, 742-754.	39.5	165
6	Failing the formative phase: The global diffusion of nuclear power is limited by national markets. Energy Research and Social Science, 2021, 80, 102221.	6.4	23
7	Historical precedents and feasibility of rapid coal and gas decline required for the 1.5Â°C target. One Earth, 2021, 4, 1477-1490.	6.8	30
8	On the political feasibility of climate change mitigation pathways: Is it too late to keep warming below 1.5Â°C?. Wiley Interdisciplinary Reviews: Climate Change, 2020, 11, e621.	8.1	88
9	Covid-19 and the politics of sustainable energy transitions. Energy Research and Social Science, 2020, 68, 101685.	6.4	221
10	Solar has greater techno-economic resource suitability than wind for replacing coal mining jobs. Environmental Research Letters, 2020, 15, 034065.	5.2	58
11	Reply to: Why fossil fuel producer subsidies matter. Nature, 2020, 578, E5-E7.	27.8	3
12	Prospects for powering past coal. Nature Climate Change, 2019, 9, 592-597.	18.8	126
13	Debating the bedrock of climate-change mitigation scenarios. Nature, 2019, 573, 348-349.	27.8	49
14	The international technological nuclear cooperation landscape: A new dataset and network analysis. Energy Policy, 2019, 128, 838-852.	8.8	20
15	Limited emission reductions from fuel subsidy removal except in energy-exporting regions. Nature, 2018, 554, 229-233.	27.8	125
16	Integrating techno-economic, socio-technical and political perspectives on national energy transitions: A meta-theoretical framework. Energy Research and Social Science, 2018, 37, 175-190.	6.4	331
17	International political economy of nuclear energy. , 2018, , .		5
18	Comparing electricity transitions: A historical analysis of nuclear, wind and solar power in Germany and Japan. Energy Policy, 2017, 101, 612-628.	8.8	130

#	ARTICLE	IF	CITATIONS
19	Global energy security under different climate policies, GDP growth rates and fossil resource availabilities. <i>Climatic Change</i> , 2016, 136, 83-94.	3.6	61
20	2 °C and SDGs: united they stand, divided they fall?. <i>Environmental Research Letters</i> , 2016, 11, 034022.	5.2	143
21	Renewables targeted before Fukushima. <i>Nature</i> , 2016, 533, 36-36.	27.8	4
22	Comparison and interactions between the long-term pursuit of energy independence and climate policies. <i>Nature Energy</i> , 2016, 1, .	39.5	58
23	Quantifying uncertainties influencing the long-term impacts of oil prices on energy markets and carbon emissions. <i>Nature Energy</i> , 2016, 1, .	39.5	41
24	Post-2020 climate agreements in the major economies assessed in the light of global models. <i>Nature Climate Change</i> , 2015, 5, 119-126.	18.8	158
25	Introducing nuclear power in Turkey: A historic state strategy and future prospects. <i>Energy Research and Social Science</i> , 2015, 10, 273-282.	6.4	20
26	Integrating Global Climate Change Mitigation Goals with Other Sustainability Objectives: A Synthesis. <i>Annual Review of Environment and Resources</i> , 2015, 40, 363-394.	13.4	83
27	The concept of energy security: Beyond the four As. <i>Energy Policy</i> , 2014, 75, 415-421.	8.8	384
28	Energy security under de-carbonization scenarios: An assessment framework and evaluation under different technology and policy choices. <i>Energy Policy</i> , 2014, 65, 743-760.	8.8	157
29	Securitization of energy supply chains in China. <i>Applied Energy</i> , 2014, 123, 316-326.	10.1	55
30	Vision Statement for the Planet in 2050. , 2014, , 51-53.		0
31	THE DISTRIBUTION OF THE MAJOR ECONOMIES' EFFORT IN THE DURBAN PLATFORM SCENARIOS. <i>Climate Change Economics</i> , 2013, 04, 1340009.	5.0	59
32	ENERGY SECURITY OF CHINA, INDIA, THE E.U. AND THE U.S. UNDER LONG-TERM SCENARIOS: RESULTS FROM SIX IAMs. <i>Climate Change Economics</i> , 2013, 04, 1340011.	5.0	33
33	Energy security assessment framework and three case studies. , 2013, , .		13
34	The three perspectives on energy security: intellectual history, disciplinary roots and the potential for integration. <i>Current Opinion in Environmental Sustainability</i> , 2011, 3, 202-212.	6.3	225
35	Governing Global Energy: Systems, Transitions, Complexity. <i>Global Policy</i> , 2011, 2, 75-88.	1.7	104
36	Ready for nuclear energy?: An assessment of capacities and motivations for launching new national nuclear power programs. <i>Energy Policy</i> , 2011, 39, 1041-1055.	8.8	85

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37	A nuclear-powered North Africa: Just a desert mirage or is there something on the horizon?. Energy Policy, 2011, 39, 4445-4457.	8.8	9
38	The last lavas erupted during the main phase of the Siberian flood volcanic province: results from experimental petrology. Contributions To Mineralogy and Petrology, 2006, 153, 191-209.	3.1	31
39	Energy and Security. , 0, , 325-384.		44
40	Regional Low-Emission Pathways from Global Models. SSRN Electronic Journal, 0, , .	0.4	1