Laura DÃaz AnadÃ³n

List of Publications by Year
in descending order

49	3,384	201674 27	182427 51
papers	citations	h-index	g-index

54	54	54	3564
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The waterâ€“energy nexus in Middle East and North Africa. Energy Policy, 2011, 39, 4529-4540.	8.8	468
2	A multi-regional inputâ€“output analysis of domestic virtual water trade and provincial water footprint in China. Ecological Economics, 2014, 100, 159-172.	5.7	353
3	Substantial emission reductions from Chinese power plants after the introduction of ultra-low emissions standards. Nature Energy, 2019, 4, 929-938.	39.5	273
4	Targeted opportunities to address the climateâ€“trade dilemma in China. Nature Climate Change, 2016, 6, 201-206.	18.8	206
5	Life Cycle Water Use of Energy Production and Its Environmental Impacts in China. Environmental Science & Technology, 2013, 47, 14459-14467.	10.0	204
6	Making technological innovation work for sustainable development. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9682-9690.	7.1	127
7	Towards sustainability in water-energy nexus: Ocean energy for seawater desalination. Renewable and Sustainable Energy Reviews, 2018, 82, 3833-3847.	16.4	114
8	Not in my backyard, but not far away from me: Local acceptance of wind power in China. Energy, 2015, 82, 722-733.	8.8	106
9	Governments as partners: The role of alliances in U.S. cleantech startup innovation. Research Policy, 2019, 48, 1458-1475.	6.4	94
10	Missions-oriented RD&D institutions in energy between 2000 and 2010: A comparative analysis of China, the United Kingdom, and the United States. Research Policy, 2012, 41, 1742-1756.	6.4	93
11	A Collaboratively-Derived Science-Policy Research Agenda. PLoS ONE, 2012, 7, e31824.	2.5	87
12	Systematic review of the outcomes and trade-offs of ten types of decarbonization policy instruments. Nature Climate Change, 2021, 11, 257-265.	18.8	82
13	Waterâ^'Carbon Trade-off in Chinaâ€™s Coal Power Industry. Environmental Science & Technology, 2014, 48, 11082-11089.	10.0	81
14	Sensitivity to energy technology costs: A multi-model comparison analysis. Energy Policy, 2015, 80, 244-263.	8.8	75
15	Co-benefits of greenhouse gas mitigation: a review and classification by type, mitigation sector, and geography. Environmental Research Letters, 2017, 12, 123001.	5.2	70
16	Four system boundaries for carbon accounts. Ecological Modelling, 2015, 318, 118-125.	2.5	62
17	Public policy and financial resource mobilization for wind energy in developing countries: A comparison of approaches and outcomes in China and India. Global Environmental Change, 2015, 35, 340-359.	7.8	58
18	Integrating uncertainty into public energy research and development decisions. Nature Energy, 2017, 2, .	39.5	56

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19	Bridging decision networks for integrated water and energy planning. Energy Strategy Reviews, 2013, 2, 46-58.	7.3	54
20	Future costs of key low-carbon energy technologies: Harmonization and aggregation of energy technology expert elicitation data. Energy Policy, 2015, 80, 219-232.	8.8	50
21	Future Prospects for Energy Technologies: Insights from Expert Elicitations. Review of Environmental Economics and Policy, 2018, 12, 133-153.	7.0	50
22	Unrelated diversification in latecomer contexts: Emergence of the Chinese solar photovoltaics industry. Environmental Innovation and Societal Transitions, 2018, 28, 14-34.	5.5	49
23	Trends in investments in global energy research, development, and demonstration. Wiley Interdisciplinary Reviews: Climate Change, 2011, 2, 373-396.	8.1	43
24	Food security amidst water scarcity: Insights on sustainable food production from Saudi Arabia. Sustainable Production and Consumption, 2015, 2, 67-78.	11.0	38
25	Comparing expert elicitation and model-based probabilistic technology cost forecasts for the energy transition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	37
26	The role of the complementary sector and its relationship with network formation and government policies in emerging sectors: The case of solar photovoltaics between 2001 and 2009. Technological Forecasting and Social Change, 2014, 82, 80-94.	11.6	36
27	Why is Chinaâ€™s wind power generation not living up to its potential?. Environmental Research Letters, 2018, 13, 044001.	5.2	32
28	The effects of expert selection, elicitation design, and R&D assumptions on experts' estimates of the future costs of photovoltaics. Energy Policy, 2015, 80, 233-243.	8.8	27
29	Effects of technology complexity on the emergence and evolution of wind industry manufacturing locations along global value chains. Nature Energy, 2020, 5, 811-821.	39.5	27
30	The future costs of nuclear power using multiple expert elicitations: effects of RD&D and elicitation design. Environmental Research Letters, 2013, 8, 034020.	5.2	26
31	The short-term costs of local content requirements in the Indian solar auctions. Nature Energy, 2020, 5, 842-850.	39.5	26
32	Patenting and business outcomes for cleantech startups funded by the Advanced Research Projects Agency-Energy. Nature Energy, 2020, 5, 803-810.	39.5	25
33	The pressing energy innovation challenge of the US National Laboratories. Nature Energy, 2016, 1, .	39.5	22
34	Quantifying the Effects of Expert Selection and Elicitation Design on Expertsâ€™ Confidence in Their Judgments About Future Energy Technologies. Risk Analysis, 2017, 37, 315-330.	2.7	22
35	Time to get ready: Conceptualizing the temporal and spatial dynamics of formative phases for energy technologies. Energy Policy, 2018, 119, 282-293.	8.8	22
36	Leveraging private investment to expand renewable power generation: Evidence on financial additionality and productivity gains from Uganda. World Development, 2021, 140, 105347.	4.9	21

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37	Six principles for energy innovation. Nature, 2017, 552, 25-27.	27.8	19
38	The evolution of China's National Energy RD&D Programs: The role of scientists in science and technology decision making. Energy Policy, 2013, 61, 1568-1585.	8.8	16
39	Scientific Wealth in Middle East and North Africa: Productivity, Indigeneity, and Specialty in 1981â€"2013. PLoS ONE, 2016, 11, e0164500.	2.5	16
40	Expert views - and disagreements - about the potential of energy technology R&D. Climatic Change, 2016, 136, 677-691.	3.6	14
41	Rescue US energy innovation. Nature Energy, 2017, 2, 760-763.	39.5	14
42	Balancing solar PV deployment and RD&D: A comprehensive framework for managing innovation uncertainty in electricity technology investment planning. Renewable and Sustainable Energy Reviews, 2016, 60, 560-569.	16.4	13
43	A spatially-resolved inventory analysis of the water consumed by the coal-to-gas transition of Pennsylvania. Journal of Cleaner Production, 2018, 184, 366-374.	9.3	12
44	How do global manufacturing shifts affect long-term clean energy innovation? A study of wind energy suppliers. Research Policy, 2022, 51, 104558.	6.4	12
45	How has external knowledge contributed to lithium-ion batteries for the energy transition?. IScience, 2021, 24, 101995.	4.1	10
46	Chinese and multilateral development finance in the power sector. Global Environmental Change, 2022, 75, 102553.	7.8	6
47	Semiconductor Research Corporation: A Case Study in Cooperative Innovation Partnerships. Minerva, 2014, 52, 237-261.	2.4	4
48	Startups supported by ARPA-E were more innovative than others but an investment gap may remain. Nature Energy, 2020, 5, 741-742.	39.5	4
49	Determinants of Chinese and Western-backed development finance in the global electricity sector. Joule, 2022, 6, 1230-1252.	24.0	3