

Howard J Herzog

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9576163/publications.pdf>

Version: 2024-02-01

23
papers

5,162
citations

331259

21
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

5802
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical and Molecular Assessment of Quinones as CO ₂ -Binding Redox Molecules for Carbon Capture. Journal of Physical Chemistry C, 2022, 126, 1389-1399.	1.5	27
2	The economics of bioenergy with carbon capture and storage (BECCS) deployment in a 1.5°C or 2°C world. Global Environmental Change, 2021, 68, 102262.	3.6	53
3	The cost of CO ₂ transport and storage in global integrated assessment modeling. International Journal of Greenhouse Gas Control, 2021, 109, 103367.	2.3	64
4	Hard-to-Abate Sectors: The role of industrial carbon capture and storage (CCS) in emission mitigation. Applied Energy, 2021, 300, 117322.	5.1	109
5	SCENARIOS FOR THE DEPLOYMENT OF CARBON CAPTURE AND STORAGE IN THE POWER SECTOR IN A PORTFOLIO OF MITIGATION OPTIONS. Climate Change Economics, 2021, 12, .	2.9	17
6	CO ₂ Capture Using Electrochemically Mediated Amine Regeneration. Industrial & Engineering Chemistry Research, 2020, 59, 7087-7096.	1.8	49
7	Representing the costs of low-carbon power generation in multi-region multi-sector energy-economic models. International Journal of Greenhouse Gas Control, 2019, 87, 170-187.	2.3	31
8	Carbon capture and storage (CCS): the way forward. Energy and Environmental Science, 2018, 11, 1062-1176.	15.6	2,378
9	Developing a Consistent Database for Regional Geologic CO ₂ Storage Capacity Worldwide. Energy Procedia, 2017, 114, 4697-4709.	1.8	67
10	On the climate change mitigation potential of CO ₂ conversion to fuels. Energy and Environmental Science, 2017, 10, 2491-2499.	15.6	225
11	Biomass logistics analysis for large scale biofuel production: Case study of loblolly pine and switchgrass. Bioresource Technology, 2015, 183, 1-9.	4.8	68
12	A Path Forward for Low Carbon Power from Biomass. Energies, 2015, 8, 1701-1715.	1.6	36
13	The cost of CO ₂ capture and storage. International Journal of Greenhouse Gas Control, 2015, 40, 378-400.	2.3	636
14	NER300: Lessons learnt in attempting to secure CCS projects in Europe. International Journal of Greenhouse Gas Control, 2013, 19, 19-25.	2.3	32
15	Post-combustion carbon dioxide capture using electrochemically mediated amine regeneration. Energy and Environmental Science, 2013, 6, 2505.	15.6	120
16	Rethinking CCS - Moving Forward in Times of Uncertainty. Mining Report, 2013, 149, 318-323.	0.0	4
17	Lifetime of carbon capture and storage as a climate-change mitigation technology. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5185-5189.	3.3	381
18	Scaling up carbon dioxide capture and storage: From megatons to gigatons. Energy Economics, 2011, 33, 597-604.	5.6	196

#	ARTICLE	IF	CITATIONS
19	Economic and energetic analysis of capturing CO ₂ from ambient air. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20428-20433.	3.3	388
20	Cost and U.S. public policy for new coal power plants with carbon capture and sequestration. Energy Procedia, 2009, 1, 4487-4494.	1.8	47
21	An Issue of Permanence: Assessing the Effectiveness of Temporary Carbon Storage. Climatic Change, 2003, 59, 293-310.	1.7	130
22	Title is missing!. Environmental Modeling and Assessment, 1997, 2, 333-343.	1.2	72
23	Title is missing!. Environmental Modeling and Assessment, 1997, 2, 345-353.	1.2	32