Michael Oppenheimer

List of Publications by Year
in descending order

69	10,003	66343 42	95266 68
papers	citations	h-index	g-index

82	82	82	10326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimating economic damage from climate change in the United States. Science, 2017, 356, 1362-1369.	12.6	714
2	Probabilistic 21st and 22nd century seaâ€level projections at a global network of tideâ€gauge sites. Earth's Future, 2014, 2, 383-406.	6.3	672
3	Probabilistic assessment of sea level during the last interglacial stage. Nature, 2009, 462, 863-867.	27.8	626
4	Global assessment of coral bleaching and required rates of adaptation under climate change. Global Change Biology, 2005, 11, 2251-2265.	9.5	526
5	Physically based assessment of hurricane surge threat under climate change. Nature Climate Change, 2012, 2, 462-467.	18.8	470
6	Linkages among climate change, crop yields and Mexicoâ€“US cross-border migration. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14257-14262.	7.1	444
7	Assessing dangerous climate change through an update of the Intergovernmental Panel on Climate Change (IPCC) â€œreasons for concernâ€. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4133-4137.	7.1	434
8	Fixing a Critical Climate Accounting Error. Science, 2009, 326, 527-528.	12.6	399
9	Ice sheet contributions to future sea-level rise from structured expert judgment. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11195-11200.	7.1	383
10	Global warming and the stability of the West Antarctic Ice Sheet. Nature, 1998, 393, 325-332.	27.8	299
11	CLIMATE CHANGE: Dangerous Climate Impacts and the Kyoto Protocol. Science, 2002, 296, 1971-1972.	12.6	294
12	Nonlinear permanent migration response to climatic variations but minimal response to disasters. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9780-9785.	7.1	278
13	Understanding and managing connected extreme events. Nature Climate Change, 2020, 10, 611-621.	18.8	273
14	Evolving Understanding of Antarctic Iceâ€Sheet Physics and Ambiguity in Probabilistic Seaâ€Level Projections. Earth's Future, 2017, 5, 1217-1233.	6.3	269
15	IPCC reasons for concern regarding climate change risks. Nature Climate Change, 2017, 7, 28-37.	18.8	266
16	Climate change prediction: Erring on the side of least drama?. Global Environmental Change, 2013, 23, 327-337.	7.8	252
17	Interactions between urban heat islands and heat waves. Environmental Research Letters, 2018, 13, 034003.	5.2	246
18	Climate variability and international migration: The importance of the agricultural linkage. Journal of Environmental Economics and Management, 2016, 79, 135-151.	4.7	192

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19	The Limits of Consensus. Science, 2007, 317, 1505-1506.	12.6	176
20	Global warming: Improve economic models of climate change. Nature, 2014, 508, 173-175.	27.8	166
21	Model-based assessment of the role of human-induced climate change in the 2005 Caribbean coral bleaching event. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5483-5488.	7.1	156
22	Global multi-model projections of local urban climates. Nature Climate Change, 2021, 11, 152-157.	18.8	149
23	Temporally Compound Heat Wave Events and Global Warming: An Emerging Hazard. Earth's Future, 2019, 7, 411-427.	6.3	147
24	Article 2 of the UNFCCC: Historical Origins, Recent Interpretations. Climatic Change, 2005, 73, 195-226.	3.6	129
25	Amplification of flood frequencies with local sea level rise and emerging flood regimes. Environmental Research Letters, 2017, 12, 064009.	5.2	115
26	The influence of climate variability on internal migration flows in South Africa. Global Environmental Change, 2016, 39, 155-169.	7.8	113
27	Joint projections of US East Coast sea level and storm surge. Nature Climate Change, 2015, 5, 1114-1120.	18.8	97
28	A probabilistic assessment of sea level variations within the last interglacial stage. Geophysical Journal International, 2013, 193, 711-716.	2.4	96
29	Allowances for evolving coastal flood risk under uncertain local sea-level rise. Climatic Change, 2016, 137, 347-362.	3.6	96
30	Extreme sea level implications of 1.5â€‰Â°C, 2.0â€‰Â°C, and 2.5â€‰Â°C temperature stabilization targets in the 21st and 22nd centuries. Environmental Research Letters, 2018, 13, 034040.	5.2	96
31	Expert judgement and uncertainty quantification for climate change. Nature Climate Change, 2016, 6, 445-451.	18.8	93
32	New York City Panel on Climate Change 2015 Report Chapter 2: Sea Level Rise and Coastal Storms. Annals of the New York Academy of Sciences, 2015, 1336, 36-44.	3.8	91
33	Climate variability and migration in the Philippines. Population and Environment, 2017, 38, 286-308.	3.0	74
34	Climate change impacts are sensitive to the concentration stabilization path. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16411-16416.	7.1	73
35	Negative learning. Climatic Change, 2008, 89, 155-172.	3.6	64
36	Defining Dangerous Anthropogenic Interference: The Role of Science, the Limits of Science. Risk Analysis, 2005, 25, 1399-1407.	2.7	59

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37	Evaluation, characterization, and communication of uncertainty by the intergovernmental panel on climate changeâ€"an introductory essay. Climatic Change, 2011, 108, 629-639.	3.6	59
38	How high will the seas rise?. Science, 2016, 354, 1375-1377.	12.6	59
39	Ice sheets, global warming, and article 2 of the UNFCCC. Climatic Change, 2005, 68, 257-267.	3.6	55
40	Assessing human habitability and migration. Science, 2021, 372, 1279-1283.	12.6	52
41	Meeting the looming policy challenge of sea-level change and human migration. Nature Climate Change, 2019, 9, 898-901.	18.8	49
42	International migration desires related to subjective well-being. IZA Journal of Migration, 2014, 3, .	0.5	44
43	Uncertainty in Twenty-First-Century CMIP5 Sea Level Projections. Journal of Climate, 2015, 28, 838-852.	3.2	44
44	Influence of risk factors and past events on flood resilience in coastal megacities: Comparative analysis of NYC and Shanghai. Science of the Total Environment, 2018, 610-611, 1251-1261.	8.0	42
45	Energy policy: Push renewables to spur carbon pricing. Nature, 2015, 525, 27-29.	27.8	41
46	Upper bounds on twenty-first-century Antarctic ice loss assessed using a probabilistic framework. Nature Climate Change, 2013, 3, 654-659.	18.8	40
47	Migration towards Bangladesh coastlines projected to increase with sea-level rise through 2100. Environmental Research Letters, 2021, 16, 024045.	5.2	38
48	Applying statistical models to the climateâ€"migration relationship. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2915.	7.1	35
49	Effect of border policy on exposure and vulnerability to climate change. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26692-26702.	7.1	32
50	Antarctic Ice Sheet and emission scenario controls on 21st-century extreme sea-level changes. Nature Communications, 2020, 11, 390.	12.8	31
51	Probabilistic framework for assessing the ice sheet contribution to sea level change. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3264-3269.	7.1	28
52	Climate change impacts: accounting for the human response. Climatic Change, 2013, 117, 439-449.	3.6	28
53	Atmospheric stabilization and the timing of carbon mitigation. Climatic Change, 2008, 88, 251-265.	3.6	26
54	Enhancing New York City's resilience to sea level rise and increased coastal flooding. Urban Climate, 2020, 33, 100654.	5.7	23

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55	Climate change increases resource-constrained international immobility. Nature Climate Change, 2022, 12, 634-641.	18.8	23
56	New York City Panel on Climate Change 2019 Report Chapter 3: Sea Level Rise. Annals of the New York Academy of Sciences, 2019, 1439, 71-94.	3.8	22
57	New York City Panel on Climate Change 2019 Report Chapter 4: Coastal Flooding. Annals of the New York Academy of Sciences, 2019, 1439, 95-114.	3.8	22
58	Evaluating the Economic Cost of Coastal Flooding. American Economic Journal: Macroeconomics, 2021, 13, 444-486.	2.7	21
59	Risk transfer policies and climate-induced immobility among smallholder farmers. Nature Climate Change, 2021, 11, 1046-1054.	18.8	20
60	A Flood Damage Allowance Framework for Coastal Protection With Deep Uncertainty in Sea Level Rise. Earth's Future, 2020, 8, e2019EF001340.	6.3	19
61	The regrets of procrastination in climate policy. Environmental Research Letters, 2007, 2, 024004.	5.2	14
62	Characterizing uncertainty in expert assessments: ozone depletion and the West Antarctic ice sheet. Wiley Interdisciplinary Reviews: Climate Change, 2011, 2, 728-743.	8.1	12
63	Values, Bias, and Stressors Affect Intentions to Adapt to Coastal Flood Risk: A Case Study from New York City. Weather, Climate, and Society, 2019, 11, 809-821.	1.1	12
64	The Political Complexity of Coastal Flood Risk Reduction: Lessons for Climate Adaptation Public Works in the U.S.. Earth's Future, 2021, 9, e2020EF001575.	6.3	11
65	Interim targets and the climate treaty regime. Climate Policy, 2006, 5, 639-645.	5.1	9
66	Popular extreme sea level metrics can better communicate impacts. Climatic Change, 2022, 170, 30.	3.6	9
67	Correlation Between Seaâ€Level Rise and Aspects of Future Tropical Cyclone Activity in CMIP6 Models. Earth's Future, 2022, 10, .	6.3	8
68	Migration, Intensification, and Diversification as Adaptive Strategies. Socio-Environmental Systems Modeling, 0, 1, 16102.	0.0	7
69	Complex climate and network effects on internal migration in South Africa revealed by a network model. Population and Environment, 2022, 43, 289-318.	3.0	5