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	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
2	Popular extreme sea level metrics can better communicate impacts. Climatic Change, 2022, 170, 30.	3.6	9
3	Correlation Between Seaâ€Level Rise and Aspects of Future Tropical Cyclone Activity in CMIP6 Models. Earth's Future, 2022, 10, .	6.3	8
4	Climate change increases resource-constrained international immobility. Nature Climate Change, 2022, 12, 634-641.	18.8	23
5	Global multi-model projections of local urban climates. Nature Climate Change, 2021, 11, 152-157.	18.8	149
6	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
7	Migration towards Bangladesh coastlines projected to increase with sea-level rise through 2100. Environmental Research Letters, 2021, 16, 024045.	5.2	38
8	Evaluating the Economic Cost of Coastal Flooding. American Economic Journal: Macroeconomics, 2021, 13, 444-486.	2.7	21
9	Assessing human habitability and migration. Science, 2021, 372, 1279-1283.	12.6	52
10	Risk transfer policies and climate-induced immobility among smallholder farmers. Nature Climate Change, 2021, 11, 1046-1054.	18.8	20
11	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
12	Enhancing New York City's resilience to sea level rise and increased coastal flooding. Urban Climate, 2020, 33, 100654.	5.7	23
13	Understanding and managing connected extreme events. Nature Climate Change, 2020, 10, 611-621.	18.8	273
14	A Flood Damage Allowance Framework for Coastal Protection With Deep Uncertainty in Sea Level Rise. Earth's Future, 2020, 8, e2019EF001340.	6.3	19
15	Antarctic Ice Sheet and emission scenario controls on 21st-century extreme sea-level changes. Nature Communications, 2020, 11, 390.	12.8	31
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	Temporally Compound Heat Wave Events and Global Warming: An Emerging Hazard. Earth's Future, 2019, 7, 411-427.	6.3	147
21	Meeting the looming policy challenge of sea-level change and human migration. Nature Climate Change, 2019, 9, 898-901.	18.8	49
22	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
23	Interactions between urban heat islands and heat waves. Environmental Research Letters, 2018, 13, 034003.	5.2	246
24	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
25	IPCC reasons for concern regarding climate change risks. Nature Climate Change, 2017, 7, 28-37.	18.8	266
26	Amplification of flood frequencies with local sea level rise and emerging flood regimes. Environmental Research Letters, 2017, 12, 064009.	5.2	115
27	Evolving Understanding of Antarctic Iceâ€Sheet Physics and Ambiguity in Probabilistic Seaâ€Level Projections. Earth's Future, 2017, 5, 1217-1233.	6.3	269
28	Estimating economic damage from climate change in the United States. Science, 2017, 356, 1362-1369.	12.6	714
29	Climate variability and migration in the Philippines. Population and Environment, 2017, 38, 286-308.	3.0	74
30	How high will the seas rise?. Science, 2016, 354, 1375-1377.	12.6	59
31	Expert judgement and uncertainty quantification for climate change. Nature Climate Change, 2016, 6, 445-451.	18.8	93
32	Climate variability and international migration: The importance of the agricultural linkage. Journal of Environmental Economics and Management, 2016, 79, 135-151.	4.7	192
33	Allowances for evolving coastal flood risk under uncertain local sea-level rise. Climatic Change, 2016, 137, 347-362.	3.6	96
34	The influence of climate variability on internal migration flows in South Africa. Global Environmental Change, 2016, 39, 155-169.	7.8	113
35	Energy policy: Push renewables to spur carbon pricing. Nature, 2015, 525, 27-29.	27.8	41
36	Uncertainty in Twenty-First-Century CMIP5 Sea Level Projections. Journal of Climate, 2015, 28, 838-852.	3.2	44

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37	Joint projections of US East Coast sea level and storm surge. Nature Climate Change, 2015, 5, 1114-1120.	18.8	97
38	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
39	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
40	International migration desires related to subjective well-being. IZA Journal of Migration, 2014, 3, .	0.5	44
41	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
42	Global warming: Improve economic models of climate change. Nature, 2014, 508, 173-175.	27.8	166
43	Climate change prediction: Erring on the side of least drama?. Global Environmental Change, 2013, 23, 327-337.	7.8	252
44	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
45	Climate change impacts: accounting for the human response. Climatic Change, 2013, 117, 439-449.	3.6	28
46	A probabilistic assessment of sea level variations within the last interglacial stage. Geophysical Journal International, 2013, 193, 711-716.	2.4	96
47	Upper bounds on twenty-first-century Antarctic ice loss assessed using a probabilistic framework. Nature Climate Change, 2013, 3, 654-659.	18.8	40
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	Physically based assessment of hurricane surge threat under climate change. Nature Climate Change, 2012, 2, 462-467.	18.8	470
50	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
51	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
52	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
53	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
54	Fixing a Critical Climate Accounting Error. Science, 2009, 326, 527-528.	12.6	399

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55	Probabilistic assessment of sea level during the last interglacial stage. Nature, 2009, 462, 863-867.	27.8	626
56	Atmospheric stabilization and the timing of carbon mitigation. Climatic Change, 2008, 88, 251-265.	3.6	26
57	Negative learning. Climatic Change, 2008, 89, 155-172.	3.6	64
58	The Limits of Consensus. Science, 2007, 317, 1505-1506.	12.6	176
59	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
60	The regrets of procrastination in climate policy. Environmental Research Letters, 2007, 2, 024004.	5.2	14
61	Interim targets and the climate treaty regime. Climate Policy, 2006, 5, 639-645.	5.1	9
62	Defining Dangerous Anthropogenic Interference: The Role of Science, the Limits of Science. Risk Analysis, 2005, 25, 1399-1407.	2.7	59
63	Global assessment of coral bleaching and required rates of adaptation under climate change. Global Change Biology, 2005, 11, 2251-2265.	9.5	526
64	Article 2 of the UNFCCC: Historical Origins, Recent Interpretations. Climatic Change, 2005, 73, 195-226.	3.6	129
65	Ice sheets, global warming, and article 2 of the UNFCCC. Climatic Change, 2005, 68, 257-267.	3.6	55
66	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
67	CLIMATE CHANGE: Dangerous Climate Impacts and the Kyoto Protocol. Science, 2002, 296, 1971-1972.	12.6	294
68	Global warming and the stability of the West Antarctic Ice Sheet. Nature, 1998, 393, 325-332.	27.8	299
69	Migration, Intensification, and Diversification as Adaptive Strategies. Socio-Environmental Systems Modeling, 0, 1, 16102.	0.0	7