

# Jason A Lowe

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

6,876  
citations

186265  
28  
h-index

289244  
40  
g-index

42  
all docs

42  
docs citations

42  
times ranked

8429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating new sea-level scenarios into coastal risk and adaptation assessments: An ongoing process. Wiley Interdisciplinary Reviews: Climate Change, 2021, 12, e706.	8.1	34
2	Future changes to high impact weather in the UK. Climatic Change, 2021, 166, 1.	3.6	33
3	Indicators of climate risk in the UK at different levels of warming. Environmental Research Communications, 2021, 3, 095005.	2.3	8
4	Dynamical downscaling of unforced interannual sea-level variability in the North-West European shelf seas. Climate Dynamics, 2020, 55, 2207-2236.	3.8	15
5	The global and regional impacts of climate change under representative concentration pathway forcings and shared socioeconomic pathway socioeconomic scenarios. Environmental Research Letters, 2019, 14, 084046.	5.2	37
6	Drivers of the UK summer heatwave of 2018. Weather, 2019, 74, 390-396.	0.7	46
7	Concepts and Terminology for Sea Level: Mean, Variability and Change, Both Local and Global. Surveys in Geophysics, 2019, 40, 1251-1289.	4.6	262
8	Meeting User Needs for Sea Level Rise Information: A Decision Analysis Perspective. Earth's Future, 2019, 7, 320-337.	6.3	112
9	Southern Ocean carbon-wind stress feedback. Climate Dynamics, 2018, 51, 2743-2757.	3.8	9
10	The impacts avoided with a 1.5°C climate target: a global and regional assessment. Climatic Change, 2018, 147, 61-76.	3.6	25
11	Stabilization of global temperature at 1.5°C and 2.0°C: implications for coastal areas. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20160448.	3.4	76
12	The impact of Earth system feedbacks on carbon budgets and climate response. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170263.	3.4	26
13	Advancing national climate change risk assessment to deliver national adaptation plans. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170295.	3.4	25
14	Sea Level Change and Coastal Climate Services: The Way Forward. Journal of Marine Science and Engineering, 2017, 5, 49.	2.6	81
15	Spatial variations of sea-level rise and impacts: An application of DIVA. Climatic Change, 2016, 134, 403-416.	3.6	57
16	Projected sea level rise and changes in extreme storm surge and wave events during the 21st century in the region of Singapore. Ocean Science, 2016, 12, 613-632.	3.4	34
17	The Scenario Model Intercomparison Project (ScenarioMIP) for CMIP6. Geoscientific Model Development, 2016, 9, 3461-3482.	3.6	2,084
18	The influence of Southern Ocean winds on the North Atlantic carbon sink. Global Biogeochemical Cycles, 2016, 30, 844-858.	4.9	12

#	ARTICLE	IF	CITATIONS
19	Large differences in regional precipitation change between a first and second 2â€‰%K of global warming. Nature Communications, 2016, 7, 13667.	12.8	31
20	Uncertainty in climate projections for the 21st century northwest European shelf seas. Progress in Oceanography, 2016, 148, 56-73.	3.2	47
21	Projected Changeâ€™North Sea. Regional Climate Studies, 2016, , 175-217.	1.2	33
22	Validation of an ensemble modelling system for climate projections for the northwest European shelf seas. Progress in Oceanography, 2015, 138, 211-237.	3.2	22
23	Sea-level rise scenarios and coastal risk management. Nature Climate Change, 2015, 5, 188-190.	18.8	159
24	Climate Downscaling: Local Mean Sea Level, Surge and Wave Modelling. Advances in Global Change Research, 2015, , 79-102.	1.6	3
25	Seaâ€™level scenarios for evaluating coastal impacts. Wiley Interdisciplinary Reviews: Climate Change, 2014, 5, 129-150.	8.1	151
26	Potential influences on the United Kingdom's floods of winter 2013/14. Nature Climate Change, 2014, 4, 769-777.	18.8	149
27	Addressing â€™deepâ€™™ uncertainty over long-term climate in major infrastructure projects: four innovations of the Thames Estuary 2100 Project. EURO Journal on Decision Processes, 2013, 1, 233-262.	2.7	212
28	Equivalence of greenhouse-gas emissions for peak temperature limits. Nature Climate Change, 2012, 2, 535-538.	18.8	89
29	The benefits of quantifying climate model uncertainty in climate change impacts assessment: an example with heat-related mortality change estimates. Climatic Change, 2012, 112, 217-231.	3.6	43
30	Projections of when temperature change will exceed 2 Â°C above pre-industrial levels. Nature Climate Change, 2011, 1, 407-412.	18.8	151
31	Sea-level rise and its possible impacts given a â€™beyond 4Â°C worldâ€™™ in the twenty-first century. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 161-181.	3.4	451
32	The potential impacts of climate change on the hydrography of the northwest European continental shelf. Progress in Oceanography, 2010, 86, 361-379.	3.2	95
33	A sea of uncertainty. Nature Climate Change, 2010, 1, 42-43.	18.8	28
34	Climate change and heat-related mortality in six cities Part 2: climate model evaluation and projected impacts from changes in the mean and variability of temperature with climate change. International Journal of Biometeorology, 2009, 53, 31-51.	3.0	145
35	Associations between elevated atmospheric temperature and human mortality: a critical review of the literature. Climatic Change, 2009, 92, 299-341.	3.6	340
36	Warming caused by cumulative carbon emissions towards the trillionth tonne. Nature, 2009, 458, 1163-1166.	27.8	1,282

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37	Understanding projections of sea level rise in a Hadley Centre coupled climate model. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	87
38	Extreme events due to human-induced climate change. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 2117-2133.	3.4	113
39	Benefits of mitigation of climate change for coastal areas. <i>Global Environmental Change</i> , 2004, 14, 229-244.	7.8	142