Christopher M Little

List of Publications by Year
in descending order

36 papers	3,638 citations	236925 25 h-index	361022 35 g-index
41 all docs	41 docs citations	41 times ranked	4581 citing authors

#	Article	IF	Citations
1	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
2	Global assessment of coral bleaching and required rates of adaptation under climate change. Global Change Biology, 2005, 11, 2251-2265.	9.5	526
3	Broad threat to humanity from cumulative climate hazards intensified by greenhouse gas emissions. Nature Climate Change, 2018, 8, 1062-1071.	18.8	365
4	A Review of the Role of the Atlantic Meridional Overturning Circulation in Atlantic Multidecadal Variability and Associated Climate Impacts. Reviews of Geophysics, 2019, 57, 316-375.	23.0	298
5	Projected land ice contributions to twenty-first-century sea level rise. Nature, 2021, 593, 74-82.	27.8	200
6	Climate Change: New Dimensions in Disaster Risk, Exposure, Vulnerability, and Resilience. , 2012, , 25-64.		159
7	Geographic Variability of Sea-Level Change. Current Climate Change Reports, 2015, 1, 192-204.	8.6	104
8	Joint projections of US East Coast sea level and storm surge. Nature Climate Change, 2015, 5, 1114-1120.	18.8	97
9	Expert judgement and uncertainty quantification for climate change. Nature Climate Change, 2016, 6, 445-451.	18.8	93
10	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
11	Usable Science for Managing the Risks of Seaâ€Level Rise. Earth's Future, 2019, 7, 1235-1269.	6.3	85
12	Mechanisms underlying recent decadal changes in subpolar <scp>N</scp>orth <scp>A</scp>tlantic <scp>O</scp>cean heat content. Journal of Geophysical Research: Oceans, 2017, 122, 7181-7197.	2.6	83
13	River-discharge effects on United States Atlantic and Gulf coast sea-level changes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7729-7734.	7.1	76
14	Experimental protocol for sea level projections from ISMIP6 stand-alone ice sheet models. Cryosphere, 2020, 14, 2331-2368.	3.9	72
15	Estimating Greenland tidewater glacier retreat driven by submarine melting. Cryosphere, 2019, 13, 2489-2509.	3.9	60
16	CMIP5 model selection for ISMIP6 ice sheet model forcing: Greenland and Antarctica. Cryosphere, 2020, 14, 855-879.	3.9	58
17	The Relationship Between U.S. East Coast Sea Level and the Atlantic Meridional Overturning Circulation: A Review. Journal of Geophysical Research: Oceans, 2019, 124, 6435-6458.	2.6	54
18	A protocol for calculating basal melt rates in the ISMIP6 Antarctic ice sheet projections. Cryosphere, 2020, 14, 3111-3134.	3.9	53

#	Article	IF	Citations
19	Twenty-first century ocean forcing of the Greenland ice sheet for modelling of sea level contribution. Cryosphere, 2020, 14, 985-1008.	3.9	51
20	New York City Panel on Climate Change 2015 Report Chapter 4: Dynamic Coastal Flood Modeling. Annals of the New York Academy of Sciences, 2015, 1336, 56-66.	3.8	48
21	Uncertainty in Twenty-First-Century CMIP5 Sea Level Projections. Journal of Climate, 2015, 28, 838-852.	3.2	44
22	Origin of spatial variation in US East Coast sea-level trends during 1900â€“2017. Nature, 2018, 564, 400-404.	27.8	42
23	Upper bounds on twenty-first-century Antarctic ice loss assessed using a probabilistic framework. Nature Climate Change, 2013, 3, 654-659.	18.8	40
24	How is New England Coastal Sea Level Related to the Atlantic Meridional Overturning Circulation at 26Â° N?. Geophysical Research Letters, 2019, 46, 5351-5360.	4.0	30
25	Atlantic circulation change still uncertain. Nature Geoscience, 2022, 15, 165-167.	12.9	29
26	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
27	Future Sea Level Change Under Coupled Model Intercomparison Project Phase 5 and Phase 6 Scenarios From the Greenland and Antarctic Ice Sheets. Geophysical Research Letters, 2021, 48, e2020GL091741.	4.0	28
28	On the relationship between the meridional overturning circulation, alongshore wind stress, and <scp>U</scp>nited <scp>S</scp>tates <scp>E</scp>ast <scp>C</scp>oast sea level in the <scp>C</scp>ommunity <scp>E</scp>arth <scp>S</scp>ystem <scp>M</scp>odel <scp>L</scp>arge <scp>E</scp>nsemble. Journal of Geophysical Research: Oceans, 2017, 122, 4554-4568.	2.6	25
29	Timing of emergence of modern rates of sea-level rise by 1863. Nature Communications, 2022, 13, 966.	12.8	24
30	CMIP5 temperature biases and 21st century warming around the Antarctic coast. Annals of Glaciology, 2016, 57, 69-78.	1.4	23
31	Large-Scale Oceanographic Constraints on the Distribution of Melting and Freezing under Ice Shelves. Journal of Physical Oceanography, 2008, 38, 2242-2255.	1.7	22
32	On the coupled response to ice-shelf basal melting. Journal of Glaciology, 2012, 58, 203-215.	2.2	16
33	Do Surface Temperature Indices Reflect Centennialâ€Timescale Trends in Atlantic Meridional Overturning Circulation Strength?. Geophysical Research Letters, 2020, 47, e2020GL090888.	4.0	15
34	North American East Coast Sea Level Exhibits High Power and Spatiotemporal Complexity on Decadal Timescales. Geophysical Research Letters, 2021, 48, e2021GL093675.	4.0	11
35	A clustering-based approach to ocean modelâ€“data comparison around Antarctica. Ocean Science, 2021, 17, 131-145.	3.4	5
36	Quantifying Greenland freshwater flux underestimates in climate models. Geophysical Research Letters, 2016, 43, 5370-5377.	4.0	4