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	Timing of emergence of modern rates of sea-level rise by 1863. Nature Communications, 2022, 13, 966.	12.8	24
2	Atlantic circulation change still uncertain. Nature Geoscience, 2022, 15, 165-167.	12.9	29
3	A clustering-based approach to ocean modelâ€“data comparison around Antarctica. Ocean Science, 2021, 17, 131-145.	3.4	5
4	Projected land ice contributions to twenty-first-century sea level rise. Nature, 2021, 593, 74-82.	27.8	200
5	North American East Coast Sea Level Exhibits High Power and Spatiotemporal Complexity on Decadal Timescales. Geophysical Research Letters, 2021, 48, e2021GL093675.	4.0	11
6	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
7	Do Surface Temperature Indices Reflect Centennialâ€Timescale Trends in Atlantic Meridional Overturning Circulation Strength?. Geophysical Research Letters, 2020, 47, e2020GL090888.	4.0	15
8	CMIP5 model selection for ISMIP6 ice sheet model forcing: Greenland and Antarctica. Cryosphere, 2020, 14, 855-879.	3.9	58
9	Twenty-first century ocean forcing of the Greenland ice sheet for modelling of sea level contribution. Cryosphere, 2020, 14, 985-1008.	3.9	51
10	Experimental protocol for sea level projections from ISMIP6 stand-alone ice sheet models. Cryosphere, 2020, 14, 2331-2368.	3.9	72
11	A protocol for calculating basal melt rates in the ISMIP6 Antarctic ice sheet projections. Cryosphere, 2020, 14, 3111-3134.	3.9	53
12	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
13	Usable Science for Managing the Risks of Seaâ€Level Rise. Earth's Future, 2019, 7, 1235-1269.	6.3	85
14	Estimating Greenland tidewater glacier retreat driven by submarine melting. Cryosphere, 2019, 13, 2489-2509.	3.9	60
15	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
16	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
17	Broad threat to humanity from cumulative climate hazards intensified by greenhouse gas emissions. Nature Climate Change, 2018, 8, 1062-1071.	18.8	365
18	Origin of spatial variation in US East Coast sea-level trends during 1900â€“2017. Nature, 2018, 564, 400-404.	27.8	42

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19	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
20	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
21	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
22	CMIP5 temperature biases and 21st century warming around the Antarctic coast. Annals of Glaciology, 2016, 57, 69-78.	1.4	23
23	Quantifying Greenland freshwater flux underestimates in climate models. Geophysical Research Letters, 2016, 43, 5370-5377.	4.0	4
24	Expert judgement and uncertainty quantification for climate change. Nature Climate Change, 2016, 6, 445-451.	18.8	93
25	Uncertainty in Twenty-First-Century CMIP5 Sea Level Projections. Journal of Climate, 2015, 28, 838-852.	3.2	44
26	Geographic Variability of Sea-Level Change. Current Climate Change Reports, 2015, 1, 192-204.	8.6	104
27	Joint projections of US East Coast sea level and storm surge. Nature Climate Change, 2015, 5, 1114-1120.	18.8	97
28	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
29	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
30	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
31	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
32	Upper bounds on twenty-first-century Antarctic ice loss assessed using a probabilistic framework. Nature Climate Change, 2013, 3, 654-659.	18.8	40
33	Climate Change: New Dimensions in Disaster Risk, Exposure, Vulnerability, and Resilience. , 2012, , 25-64.		159
34	On the coupled response to ice-shelf basal melting. Journal of Glaciology, 2012, 58, 203-215.	2.2	16
35	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
36	Global assessment of coral bleaching and required rates of adaptation under climate change. Global Change Biology, 2005, 11, 2251-2265.	9.5	526