

# Christopher M Moy

## List of Publications by Year in descending order

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36  
papers

2,917  
citations

430874

18  
h-index

345221

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability of El Niño/Southern Oscillation activity at millennial timescales during the Holocene epoch. <i>Nature</i> , 2002, 420, 162-165.	27.8	1,451
2	Covariability of the Southern Westerlies and atmospheric CO <sub>2</sub> during the Holocene. <i>Geology</i> , 2010, 38, 727-730.	4.4	136
3	Glacial flour dust storms in the Gulf of Alaska: Hydrologic and meteorological controls and their importance as a source of bioavailable iron. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	125
4	Millennial-scale variability in Southern Hemisphere westerly wind activity over the last 5000 years in SW Patagonia. <i>Quaternary Science Reviews</i> , 2009, 28, 25-38.	3.0	123
5	Isotopic evidence for hydrologic change related to the westerlies in SW Patagonia, Chile, during the last millennium. <i>Quaternary Science Reviews</i> , 2008, 27, 1335-1349.	3.0	108
6	Fjords as Aquatic Critical Zones (ACZs). <i>Earth-Science Reviews</i> , 2020, 203, 103145.	9.1	104
7	A 1500-year El Niño/Southern Oscillation and rainfall history for the Isthmus of Panama from speleothem calcite. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	101
8	Uranium isotope evidence for two episodes of deoxygenation during Oceanic Anoxic Event 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2918-2923.	7.1	100
9	Renewed glacial activity during the Antarctic cold reversal and persistence of cold conditions until 11.5 ka in southwestern Patagonia. <i>Geology</i> , 2009, 37, 375-378.	4.4	93
10	Holocene mass-wasting events in Lago Fagnano, Tierra del Fuego (54°S): implications for paleoseismicity of the Magallanes-Fagnano transform fault. <i>Basin Research</i> , 2011, 23, 171-190.	2.7	81
11	Mid-Pleistocene climate transition drives net mass loss from rapidly uplifting St. Elias Mountains, Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15042-15047.	7.1	74
12	Holocene climatic fluctuations and positioning of the Southern Hemisphere westerlies in Tierra del Fuego (54° S), Patagonia. <i>Journal of Quaternary Science</i> , 2010, 25, 1063-1075.	2.1	61
13	Impacts of climate and vegetation change on carbon accumulation in a south-central Alaskan peatland assessed with novel organic geochemical techniques. <i>Holocene</i> , 2014, 24, 1146-1155.	1.7	44
14	Climate Change in Southern South America During the Last Two Millennia. <i>Developments in Paleoenvironmental Research</i> , 2009, , 353-393.	8.0	39
15	Trace metal cycling and <sup>238</sup> U/ <sup>235</sup> U in New Zealand's fjords: Implications for reconstructing global paleoredox conditions in organic-rich sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 179, 89-109.	3.9	34
16	A geochemical and sedimentary record of high southern latitude Holocene climate evolution from Lago Fagnano, Tierra del Fuego. <i>Earth and Planetary Science Letters</i> , 2011, 302, 1-13.	4.4	31
17	Carbon cycling and burial in New Zealand's fjords. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4047-4063.	2.5	27
18	Integrated reconstruction of Holocene millennial-scale environmental changes in Tierra del Fuego, southernmost South America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 294-309.	2.3	21

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19	Cordilleran ice-sheet growth fueled primary productivity in the Gulf of Alaska, northeast Pacific Ocean. <i>Geology</i> , 2018, 46, 307-310.	4.4	19
20	A laboratory experiment on the behaviour of soil-derived core and intact polar GDGTs in aquatic environments. <i>Biogeosciences</i> , 2015, 12, 933-943.	3.3	16
21	Recent and Holocene climate change controls on vegetation and carbon accumulation in Alaskan coastal muskegs. <i>Quaternary Science Reviews</i> , 2016, 131, 168-178.	3.0	15
22	A post-glacial relative sea-level curve from Fiordland, New Zealand. <i>Global and Planetary Change</i> , 2015, 131, 104-114.	3.5	14
23	Atmospheric deposition of glacial iron in the Gulf of Alaska impacted by the position of the Aleutian Low. <i>Geophysical Research Letters</i> , 2017, 44, 5053-5061.	4.0	14
24	Late Holocene intensification of the westerly winds at the subantarctic Auckland Islands (51°S), New Zealand. <i>Climate of the Past</i> , 2017, 13, 1301-1322.	3.4	12
25	Investigating the influence of regional climate and oceanography on marine radiocarbon reservoir ages in southwest New Zealand. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 526-539.	2.1	10
26	A New Zealand perspective on centennial-scale Southern Hemisphere westerly wind shifts during the last two millennia. <i>Quaternary Science Reviews</i> , 2017, 172, 32-43.	3.0	10
27	Southern Hemisphere westerly wind influence on southern New Zealand hydrology during the Lateglacial and Holocene. <i>Journal of Quaternary Science</i> , 2018, 33, 689-701.	2.1	9
28	XRF analysis of Laguna Pallcacocha sediments yields new insights into Holocene El Niño development. <i>Earth and Planetary Science Letters</i> , 2022, 593, 117657.	4.4	9
29	Quantification of low molecular weight n-alkanes in lake sediment cores for paleoclimate studies. <i>Organic Geochemistry</i> , 2017, 107, 46-53.	1.8	7
30	Using palaeolimnology to guide rehabilitation of a culturally significant lake in New Zealand. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 931-950.	2.0	7
31	Hydrologic Change in New Zealand During the Last Deglaciation Linked to Reorganization of the Southern Hemisphere Westerly Winds. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 2158-2170.	2.9	6
32	Pliocene-Pleistocene Ocean Circulation Changes in the Gulf of Alaska and Its Impacts on the Carbon and Nitrogen Cycles and the Cordilleran Ice Sheet Development. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	4
33	Palynofacies assemblages reflect sources of organic matter in New Zealand fjords. <i>Continental Shelf Research</i> , 2018, 154, 19-25.	1.8	3
34	Climatic and Topographic Control of the Stable Isotope Values of Rivers on the South Island of New Zealand. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004220.	2.9	3
35	Late Pleistocene and Holocene climate and environmental evolution of a subantarctic fjord ingress basin in the southwest Pacific. <i>Quaternary Science Reviews</i> , 2021, 253, 106698.	3.0	2
36	High-resolution seismic imaging reveals infill history of a submerged Quaternary fjord system in the subantarctic Auckland Islands, New Zealand. <i>Quaternary Research</i> , 2020, 93, 255-266.	1.7	2