

Christopher Charles

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

3,252
citations

23
h-index

45
g-index

45
ext. papers

3,571
ext. citations

11.8
avg, IF

4.84
L-index

#	Paper	IF	Citations
41	Continuous vegetation record of the Greater Cape Floristic Region (South Africa) covering the past 300 000 years (IODP U1479). <i>Climate of the Past</i> , 2022 , 18, 1-21	3.9	0
40	Persistent influence of precession on northern ice sheet variability since the early Pleistocene. <i>Science</i> , 2022 , 376, 961-967	33.3	1
39	Little Change in Ice Age Water Mass Structure From Cape Basin Benthic Neodymium and Carbon Isotopes. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2021PA004281	3.3	1
38	No consistent ENSO response to volcanic forcing over the last millennium. <i>Science</i> , 2020 , 367, 1477-1481	33.3	33
37	A Continuous Record of Central Tropical Pacific Climate Since the Midnineteenth Century Reconstructed From Fanning and Palmyra Island Corals: A Case Study in Coral Data Reanalysis. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003848	3.3	4
36	The Pacific Meridional Mode over the last millennium. <i>Climate Dynamics</i> , 2019 , 53, 3547-3560	4.2	7
35	Past Carbonate Preservation Events in the Deep Southeast Atlantic Ocean (Cape Basin) and Their Implications for Atlantic Overturning Dynamics and Marine Carbon Cycling. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 643-663	3.3	6
34	SPCZ zonal events and downstream influence on surface ocean conditions in the Indonesian Throughflow region. <i>Geophysical Research Letters</i> , 2017 , 44, 293-303	4.9	7
33	Two centuries of coherent decadal climate variability across the Pacific North American region. <i>Geophysical Research Letters</i> , 2016 , 43, 9208-9216	4.9	3
32	Persistence of carbon release events through the peak of early Eocene global warmth. <i>Nature Geoscience</i> , 2014 , 7, 748-751	18.3	73
31	A Change in Scope for Paleoceanography. <i>Eos</i> , 2014 , 95, 281-282	1.5	
30	Baseline shifts in coral skeletal oxygen isotopic composition: a signature of symbiont shuffling?. <i>Coral Reefs</i> , 2013 , 32, 559-571	4.2	7
29	Highly variable El Niño-Southern Oscillation throughout the Holocene. <i>Science</i> , 2013 , 339, 67-70	33.3	296
28	Foraminiferal radiocarbon record of northeast Pacific decadal subsurface variability. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 4317-4333	3.3	5
27	Subsurface tropical Pacific nitrogen isotopic composition of nitrate: Biogeochemical signals and their transport. <i>Global Biogeochemical Cycles</i> , 2012 , 26, n/a-n/a	5.9	57
26	Pleistocene equatorial Pacific dynamics inferred from the zonal asymmetry in sedimentary nitrogen isotopes. <i>Paleoceanography</i> , 2012 , 27, n/a-n/a		25
25	Coral records of central tropical Pacific radiocarbon variability during the last millennium. <i>Paleoceanography</i> , 2010 , 25, n/a-n/a		21

24	Millennial scale evolution of the Southern Ocean chemical divide. <i>Quaternary Science Reviews</i> , 2010 , 29, 399-409	3.9	24
23	Stable isotopic records of bleaching and endolithic algae blooms in the skeleton of the boulder forming coral <i>Montastraea faveolata</i> . <i>Coral Reefs</i> , 2010 , 29, 1079-1089	4.2	14
22	Late 20th century warming and freshening in the central tropical Pacific. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	55
21	Seasonally resolved surface water $\delta^{14}\text{C}$ variability in the Lombok Strait: A coralline perspective. <i>Journal of Geophysical Research</i> , 2009 , 114,		16
20	Meridional overturning circulation in the South Atlantic at the last glacial maximum. <i>Geochemistry, Geophysics, Geosystems</i> , 2006 , 7, n/a-n/a	3.6	33
19	The Mid-Brunhes Transition in Odp Sites 1089 and 1090 (Subantarctic South Atlantic). <i>Geophysical Monograph Series</i> , 2003 , 113-129	1.1	10
18	Monsoon-Tropical ocean interaction in a network of coral records spanning the 20th century. <i>Marine Geology</i> , 2003 , 201, 207-222	3.3	96
17	El Niño/Southern Oscillation and tropical Pacific climate during the last millennium. <i>Nature</i> , 2003 , 424, 271-6	50.4	681
16	A ~580 kyr paleomagnetic record from the sub-Antarctic South Atlantic (Ocean Drilling Program Site 1089). <i>Journal of Geophysical Research</i> , 2003 , 108,		65
15	Pleistocene vertical carbon isotope and carbonate gradients in the South Atlantic sector of the Southern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4, 1-19	3.6	173
14	Deep sea sedimentary analogs for the Vostok ice core. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4,	3.6	23
13	U/Th-dating living and young fossil corals from the central tropical Pacific. <i>Earth and Planetary Science Letters</i> , 2003 , 210, 91-103	5.3	93
12	Changes in the mode of Southern Ocean circulation over the last glacial cycle revealed by foraminiferal stable isotopic variability. <i>Earth and Planetary Science Letters</i> , 2002 , 201, 383-396	5.3	123
11	Precessionally forced productivity variations across the equatorial Pacific. <i>Paleoceanography</i> , 2002 , 17, 9-19-7		18
10	Tropical cooling and the isotopic composition of precipitation in general circulation model simulations of the ice age climate. <i>Climate Dynamics</i> , 2001 , 17, 489-502	4.2	15
9	Abrupt Cooling of Antarctic Surface Waters and Sea Ice Expansion in the South Atlantic Sector of the Southern Ocean at 5000 cal yr B.P.. <i>Quaternary Research</i> , 2001 , 56, 191-198	1.9	148
8	A central tropical Pacific coral demonstrates Pacific, Indian, and Atlantic decadal climate connections. <i>Geophysical Research Letters</i> , 2001 , 28, 2209-2212	4.9	102
7	Comparison of interglacial stages in the South Atlantic sector of the southern ocean for the past 450 kyr: implications for Marine Isotope Stage (MIS) 11. <i>Global and Planetary Change</i> , 2000 , 24, 7-26	4.2	126

- 6 Millennial-scale instability of the antarctic ice sheet during the last glaciation. *Science*, **2000**, 288, 1815-833.3 157
- 5 Origin of global millennial scale climate events: Constraints from the Southern Ocean deep sea sedimentary record. *Geophysical Monograph Series*, **1999**, 99-112 1.1 52
- 4 Interaction Between the ENSO and the Asian Monsoon in a Coral Record of Tropical Climate. *Science*, **1997**, 277, 925-928 33.3 228
- 3 Evaluating climate indices and their geochemical proxies measured in corals. *Coral Reefs*, **1997**, 16, S93-S100 169
- 2 Climate connections between the hemisphere revealed by deep sea sediment core/ice core correlations. *Earth and Planetary Science Letters*, **1996**, 142, 19-27 5.3 245
- 1 Paleoenvironments of Tasmania inferred from a 575 ka marine pollen record. *Palynology*, **1994**, 18, 33-40.5 23