

Christopher Charles

List of Publications by Citations

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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 | El Niño/Southern Oscillation and tropical Pacific climate during the last millennium. <i>Nature</i> , 2003 , 424, 271-6 | 50.4 | 681 |
| 40 | Highly variable El Niño-Southern Oscillation throughout the Holocene. <i>Science</i> , 2013 , 339, 67-70 | 33.3 | 296 |
| 39 | Climate connections between the hemisphere revealed by deep sea sediment core/ice core correlations. <i>Earth and Planetary Science Letters</i> , 1996 , 142, 19-27 | 5.3 | 245 |
| 38 | Interaction Between the ENSO and the Asian Monsoon in a Coral Record of Tropical Climate. <i>Science</i> , 1997 , 277, 925-928 | 33.3 | 228 |
| 37 | 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 |
| 36 | Evaluating climate indices and their geochemical proxies measured in corals. <i>Coral Reefs</i> , 1997 , 16, S93-S100 | 4.0 | 169 |
| 35 | Millennial-scale instability of the antarctic ice sheet during the last glaciation. <i>Science</i> , 2000 , 288, 1815-8 | 33.3 | 157 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | Persistence of carbon release events through the peak of early Eocene global warmth. <i>Nature Geoscience</i> , 2014 , 7, 748-751 | 18.3 | 73 |
| 27 | 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 |
| 26 | 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 |
| 25 | Late 20th century warming and freshening in the central tropical Pacific. <i>Geophysical Research Letters</i> , 2009 , 36, | 4.9 | 55 |

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| 24 | Origin of global millennial scale climate events: Constraints from the Southern Ocean deep sea sedimentary record. <i>Geophysical Monograph Series</i> , 1999 , 99-112 | 1.1 | 52 |
| 23 | No consistent ENSO response to volcanic forcing over the last millennium. <i>Science</i> , 2020 , 367, 1477-1481 | 3.3 | 33 |
| 22 | 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 |
| 21 | Pleistocene equatorial Pacific dynamics inferred from the zonal asymmetry in sedimentary nitrogen isotopes. <i>Paleoceanography</i> , 2012 , 27, n/a-n/a | | 25 |
| 20 | Millennial scale evolution of the Southern Ocean chemical divide. <i>Quaternary Science Reviews</i> , 2010 , 29, 399-409 | 3.9 | 24 |
| 19 | Deep sea sedimentary analogs for the Vostok ice core. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4, | 3.6 | 23 |
| 18 | Paleoenvironments of Tasmania inferred from a 575 ka marine pollen record. <i>Palynology</i> , 1994 , 18, 33-40 | 0.5 | 23 |
| 17 | Coral records of central tropical Pacific radiocarbon variability during the last millennium. <i>Paleoceanography</i> , 2010 , 25, n/a-n/a | | 21 |
| 16 | Precessionally forced productivity variations across the equatorial Pacific. <i>Paleoceanography</i> , 2002 , 17, 9-19-7 | | 18 |
| 15 | Seasonally resolved surface water $\delta^{14}C$ variability in the Lombok Strait: A coralline perspective. <i>Journal of Geophysical Research</i> , 2009 , 114, | | 16 |
| 14 | 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 |
| 13 | 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 |
| 12 | The Mid-Brunhes Transition in ODP Sites 1089 and 1090 (Subantarctic South Atlantic). <i>Geophysical Monograph Series</i> , 2003 , 113-129 | 1.1 | 10 |
| 11 | 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 |
| 10 | The Pacific Meridional Mode over the last millennium. <i>Climate Dynamics</i> , 2019 , 53, 3547-3560 | 4.2 | 7 |
| 9 | Baseline shifts in coral skeletal oxygen isotopic composition: a signature of symbiont shuffling?. <i>Coral Reefs</i> , 2013 , 32, 559-571 | 4.2 | 7 |
| 8 | 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 |
| 7 | Foraminiferal radiocarbon record of northeast Pacific decadal subsurface variability. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 4317-4333 | 3.3 | 5 |

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| 6 | 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 |
| 5 | 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 |
| 4 | 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 |
| 3 | Persistent influence of precession on northern ice sheet variability since the early Pleistocene. <i>Science</i> , 2022 , 376, 961-967 | 33.3 | 1 |
| 2 | 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 |
| 1 | A Change in Scope for Paleoceanography. <i>Eos</i> , 2014 , 95, 281-282 | 1.5 | |