

Clara Bolton

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,645
citations

361296

20
h-index

434063

31
g-index

40
all docs

40
docs citations

40
times ranked

2436
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic evolution of phytoplankton forced by changes in tropical seasonality. <i>Nature</i> , 2022, 601, 79-84.	13.7	26
2	Secular and orbital-scale variability of equatorial Indian Ocean summer monsoon winds during the late Miocene. <i>Climate of the Past</i> , 2022, 18, 713-738.	1.3	7
3	Neogene South Asian monsoon rainfall and wind histories diverged due to topographic effects. <i>Nature Geoscience</i> , 2022, 15, 314-319.	5.4	22
4	Bioactive Trace Metals and Their Isotopes as Paleoproductivity Proxies: An Assessment Using GEOTRACES Era Data. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006814.	1.9	42
5	Evidence of a South Asian Proto-Monsoon During the Oligocene-Miocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004278.	1.3	3
6	Enhanced Late Miocene Chemical Weathering and Altered Precipitation Patterns in the Watersheds of the Bay of Bengal Recorded by Detrital Clay Radiogenic Isotopes. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004252.	1.3	3
7	Controls on Alkenone Carbon Isotope Fractionation in the Modern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, .	1.0	3
8	The Middle to Late Miocene "Carbonate Crash" in the Equatorial Indian Ocean. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 813-832.	1.3	35
9	Controls over $\delta^{44}\text{Ca}$ and Sr/Ca variations in coccoliths: New perspectives from laboratory cultures and cellular models. <i>Earth and Planetary Science Letters</i> , 2018, 481, 48-60.	1.8	25
10	North Atlantic Midlatitude Surface Circulation Changes Through the Pliocene-Pleistocene Intensification of Northern Hemisphere Glaciation. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1186-1205.	1.3	14
11	Technical note: A refinement of coccolith separation methods: measuring the sinking characteristics of coccoliths. <i>Biogeosciences</i> , 2018, 15, 4759-4775.	1.3	8
12	Glacial-interglacial changes in equatorial Pacific surface-water structure during the Pliocene-Pleistocene intensification of Northern Hemisphere Glaciation. <i>Earth and Planetary Science Letters</i> , 2017, 463, 69-80.	1.8	6
13	A diatom record of CO ₂ decline since the late Miocene. <i>Earth and Planetary Science Letters</i> , 2017, 479, 18-33.	1.8	46
14	Decrease in coccolithophore calcification and CO ₂ since the middle Miocene. <i>Nature Communications</i> , 2016, 7, 10284.	5.8	135
15	Asian monsoon modulation of nonsteady state diagenesis in hemipelagic marine sediments offshore of Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4383-4398.	1.0	22
16	Pliocene glacial-interglacial productivity changes in the eastern equatorial Pacific upwelling system. <i>Paleoceanography</i> , 2016, 31, 453-470.	3.0	10
17	Effects of midlatitude westerlies on the paleoproductivity at the Agulhas Bank slope during the penultimate glacial cycle: Evidence from coccolith Sr/Ca ratios. <i>Paleoceanography</i> , 2014, 29, 697-714.	3.0	13
18	The transition on North America from the warm humid Pliocene to the glaciated Quaternary traced by eolian dust deposition at a benchmark North Atlantic Ocean drill site. <i>Quaternary Science Reviews</i> , 2014, 93, 125-141.	1.4	45

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19	Late Miocene threshold response of marine algae to carbon dioxide limitation. <i>Nature</i> , 2013, 500, 558-562.	13.7	135
20	Late Pliocene to early Pleistocene changes in the North Atlantic Current and suborbital-scale sea-surface temperature variability. <i>Paleoceanography</i> , 2013, 28, 274-282.	3.0	21
21	A 500,000 year record of Indian summer monsoon dynamics recorded by eastern equatorial Indian Ocean upper water-column structure. <i>Quaternary Science Reviews</i> , 2013, 77, 167-180.	1.4	69
22	Time-transgressive North Atlantic productivity changes upon Northern Hemisphere glaciation. <i>Paleoceanography</i> , 2013, 28, 740-751.	3.0	39
23	Vital effects in coccolith calcite: Cenozoic climate CO_2 drove the diversity of carbon acquisition strategies in coccolithophores?. <i>Paleoceanography</i> , 2012, 27, .	3.0	46
24	Scaled biotic disruption during early Eocene global warming events. <i>Biogeosciences</i> , 2012, 9, 4679-4688.	1.3	44
25	Biotic and geochemical evidence for a global latitudinal shift in ocean biogeochemistry and export productivity during the late Pliocene. <i>Earth and Planetary Science Letters</i> , 2011, 308, 200-210.	1.8	30
26	Eocene global warming events driven by ventilation of oceanic dissolved organic carbon. <i>Nature</i> , 2011, 471, 349-352.	13.7	236
27	A low threshold for North Atlantic ice rafting from low-slung slippery late Pliocene ice sheets. <i>Paleoceanography</i> , 2010, 25, .	3.0	41
28	Evolution of nutricline dynamics in the equatorial Pacific during the late Pliocene. <i>Paleoceanography</i> , 2010, 25, .	3.0	22
29	Millennial-scale climate variability in the subpolar North Atlantic Ocean during the late Pliocene. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	48
30	Glacial-interglacial productivity changes recorded by alkenones and microfossils in late Pliocene eastern equatorial Pacific and Atlantic upwelling zones. <i>Earth and Planetary Science Letters</i> , 2010, 295, 401-411.	1.8	40
31	Escape of methane gas from the seabed along the West Spitsbergen continental margin. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	406