

# Katharina Billups

## List of Publications by Year in descending order

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53  
papers

10,321  
citations

279798

23  
h-index

189892

50  
g-index

56  
all docs

56  
docs citations

56  
times ranked

10054  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 1 Million Year Record of Biogenic Silica in the Indian Ocean Sector of the Southern Ocean: Regional Versus Global Forcing of Primary Productivity. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004033.	2.9	4
2	Investigating the stable isotopic composition of <i>Globocassidulina bitorata</i> as a potential tracer of (paleo)environmental conditions near the Antarctic Peninsula. <i>Marine Micropaleontology</i> , 2021, 169, 102052.	1.2	0
3	Reconstructing Western Boundary Current Stability in the North Atlantic Ocean for the Past 700 Kyr From <i>Globorotalia truncatulinoides</i> Coiling Ratios. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003958.	2.9	4
4	Sensitivity of Benthic Foraminifera to Carbon Flux in the Western Tropical Pacific Ocean. <i>Journal of Foraminiferal Research</i> , 2020, 50, 235-247.	0.5	3
5	North Atlantic Upper Ocean Hydrography During the Mid-Pleistocene Transition Evidenced by <i>Globorotalia truncatulinoides</i> Coiling Ratios. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 658-671.	2.9	6
6	Productivity changes across the mid-Pleistocene climate transition. <i>Earth-Science Reviews</i> , 2018, 179, 372-391.	9.1	25
7	Water Column Stratification in the Antarctic Zone of the Southern Ocean During the Mid-Pleistocene Climate Transition. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 432-442.	2.9	10
8	Paleoproductivity in the northwestern Pacific Ocean during the Pliocene-Pleistocene climate transition ( $3.0 \pm 1.8 \%$ Ma). <i>Paleoceanography</i> , 2017, 32, 92-103.	3.0	12
9	Breathing more deeply: Deep ocean carbon storage during the mid-Pleistocene climate transition. <i>Geology</i> , 2016, 44, 1035-1038.	4.4	44
10	Exploring <i>Globorotalia truncatulinoides</i> coiling ratios as a proxy for subtropical gyre dynamics in the northwestern Atlantic Ocean during late Pleistocene Ice Ages. <i>Paleoceanography</i> , 2016, 31, 553-563.	3.0	9
11	Timing is everything during deglaciations. <i>Nature</i> , 2015, 522, 163-164.	27.8	5
12	Origin of millennial-scale climate signals in the subtropical North Atlantic. <i>Paleoceanography</i> , 2014, 29, 612-627.	3.0	16
13	The intensification of northern component deepwater formation during the mid-Pleistocene climate transition. <i>Paleoceanography</i> , 2014, 29, 1046-1061.	3.0	33
14	TRACING THERMOHALINE PROPERTIES AND PRODUCTIVITY OF SHELF-WATER MASSES USING THE STABLE ISOTOPIC COMPOSITION OF BENTHIC FORAMINIFERA. <i>Journal of Foraminiferal Research</i> , 2014, 44, 352-364.	0.5	8
15	Amino acid racemization in mono-specific foraminifera from Quaternary deep-sea sediments. <i>Quaternary Geochronology</i> , 2013, 16, 50-61.	1.4	24
16	Increased sensitivity of the Plio-Pleistocene northwest Pacific to obliquity forcing. <i>Earth and Planetary Science Letters</i> , 2013, 384, 121-131.	4.4	15
17	Surface water hydrography of the Kuroshio Extension during the Pliocene-Pleistocene climate transition. <i>Marine Micropaleontology</i> , 2013, 101, 106-114.	1.2	9
18	Late Miocene through early Pleistocene nutrient utilization and export production in the Antarctic Zone of the Southern Ocean. <i>Global and Planetary Change</i> , 2013, 100, 353-361.	3.5	6

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19	Paleoproductivity during the middle Miocene carbon isotope events: A data-model approach. <i>Paleoceanography</i> , 2013, 28, 334-346.	3.0	17
20	Stable-isotope stratigraphy of the Pliocene-Pleistocene climate transition in the northwestern subtropical Pacific. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 326-328, 54-65.	2.3	22
21	Enhanced paleoproductivity across the Oligocene/Miocene boundary as evidenced by benthic foraminiferal accumulation rates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 464-473.	2.3	23
22	Suborbital-scale surface and deep water records in the subtropical North Atlantic: implications on thermohaline overturn. <i>Quaternary Science Reviews</i> , 2011, 30, 2976-2987.	3.0	15
23	Microfossils Reveal the Workings of a Water Planet. <i>Geology</i> , 2010, 38, 863-864.	4.4	0
24	Variations in mid-latitude North Atlantic surface water properties during the mid-Brunhes (MIS 9-14) and their implications for the thermohaline circulation. <i>Climate of the Past</i> , 2010, 6, 531-552.	3.4	101
25	INVESTIGATING FAUNAL AND GEOCHEMICAL METHODS FOR TRACING SALINITY IN AN ATLANTIC COASTAL LAGOON, DELAWARE, USA. <i>Journal of Foraminiferal Research</i> , 2010, 40, 16-35.	0.5	8
26	Mid-Miocene paleoproductivity in the Atlantic Ocean and implications for the global carbon cycle. <i>Paleoceanography</i> , 2009, 24, .	3.0	44
27	A tale of two climates. <i>Nature Geoscience</i> , 2008, 1, 294-295.	12.9	0
28	Radiolarian and sedimentologic paleoproductivity proxies in late Pleistocene sediments of the Benguela Upwelling System, ODP Site 1084. <i>Marine Micropaleontology</i> , 2008, 68, 223-235.	1.2	13
29	A top-down and bottom-up comparison of paleoproductivity proxies: Calcareous nannofossil Sr/Ca ratios and benthic foraminiferal accumulation rates. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	4
30	Evolution of millennial-scale climate variability during the mid-Pleistocene. <i>Paleoceanography</i> , 2008, 23, .	3.0	51
31	The late Miocene to early Pliocene climate transition in the Southern Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 267, 31-40.	2.3	14
32	Late Miocene carbon isotope records and marine biological productivity: Was there a (dusty) link?. <i>Paleoceanography</i> , 2006, 21, .	3.0	50
33	Mid Pleistocene climate instability in the subtropical northwestern Atlantic. <i>Global and Planetary Change</i> , 2006, 54, 251-262.	3.5	19
34	Comparison of radiolarian and sedimentologic paleoproductivity proxies in the latest Miocene-Recent Benguela Upwelling System. <i>Marine Micropaleontology</i> , 2006, 60, 269-294.	1.2	26
35	Snow maker for the ice ages. <i>Nature</i> , 2005, 433, 809-810.	27.8	5
36	Millennial-scale variability in western tropical Atlantic surface ocean hydrography during the early Pliocene. <i>Marine Micropaleontology</i> , 2005, 54, 155-166.	1.2	14

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37	Low-down on a rhythmic high. <i>Nature</i> , 2004, 427, 686-687.	27.8	5
38	Interlaboratory comparison study of Mg/Ca and Sr/Ca measurements in planktonic foraminifera for paleoceanographic research. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	2.5	170
39	Millennial-scale fluctuations in subtropical northwestern Atlantic surface ocean hydrography during the mid-Pleistocene. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	18
40	Cenozoic pelagic Sr/Ca records: Exploring a link to paleoproductivity. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	23
41	Astronomic calibration of the late Oligocene through early Miocene geomagnetic polarity time scale. <i>Earth and Planetary Science Letters</i> , 2004, 224, 33-44.	4.4	120
42	Application of benthic foraminiferal Mg/Ca ratios to questions of Cenozoic climate change. <i>Earth and Planetary Science Letters</i> , 2003, 209, 181-195.	4.4	155
43	Eocene to Miocene magnetostratigraphy, biostratigraphy, and chemostratigraphy at ODP Site 1090 (sub-Antarctic South Atlantic). <i>Bulletin of the Geological Society of America</i> , 2003, 115, 607-623.	3.3	72
44	Late Miocene through early Pliocene deep water circulation and climate change viewed from the sub-Antarctic South Atlantic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 185, 287-307.	2.3	111
45	Paleotemperatures and ice volume of the past 27 Myr revisited with paired Mg/Ca and $18O/16O$ measurements on benthic foraminifera. <i>Paleoceanography</i> , 2002, 17, 3-1-3-11.	3.0	223
46	Late Oligocene to early Miocene geochronology and paleoceanography from the subantarctic South Atlantic. <i>Paleoceanography</i> , 2002, 17, 4-1-4-11.	3.0	96
47	Trends, Rhythms, and Aberrations in Global Climate 65 Ma to Present. <i>Science</i> , 2001, 292, 686-693.	12.6	8,416
48	Surface ocean density gradients during the Last Glacial Maximum. <i>Paleoceanography</i> , 2000, 15, 110-123.	3.0	19
49	Link between oceanic heat transport, thermohaline circulation, and the Intertropical Convergence Zone in the early Pliocene Atlantic. <i>Geology</i> , 1999, 27, 319.	4.4	64
50	Early Pliocene deep water circulation in the western equatorial Atlantic: Implications for high-latitude climate change. <i>Paleoceanography</i> , 1998, 13, 84-95.	3.0	50
51	Early Pliocene climate: A perspective from the western equatorial Atlantic Warm Pool. <i>Paleoceanography</i> , 1998, 13, 459-470.	3.0	35
52	Reconstructing the stable isotope geochemistry and paleotemperatures of the equatorial Atlantic during the last 150,000 years: Results from individual foraminifera. <i>Paleoceanography</i> , 1996, 11, 217-238.	3.0	48
53	Relationship between shell size, thickness and stable isotopes in individual planktonic foraminifera from two Equatorial Atlantic cores. <i>Journal of Foraminiferal Research</i> , 1995, 25, 24-37.	0.5	33