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List of Publications by Year
in descending order

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Version: 2024-02-01

110 papers	10,262 citations	26630 56 h-index	33894 99 g-index
113 all docs	113 docs citations	113 times ranked	6563 citing authors

#	Article	IF	Citations
1	A 0.5-Million-Year Record of Millennial-Scale Climate Variability in the North Atlantic. Science, 1999, 283, 971-975.	12.6	744
2	Glacial water mass geometry and the distribution of Î´13C of Î£CO2in the western Atlantic Ocean. Paleoceanography, 2005, 20, n/a-n/a.	3.0	536
3	Variability in the deep and intermediate water circulation of the Atlantic Ocean during the past 25,000 years: Northern Hemisphere modulation of the Southern Ocean. Earth and Planetary Science Letters, 1987, 86, 1-15.	4.4	362
4	The Mid-Pleistocene climate transition: A deep sea carbon isotopic perspective. Paleoceanography, 1997, 12, 546-559.	3.0	325
5	Anomalously weak Labrador Sea convection and Atlantic overturning during the past 150 years. Nature, 2018, 556, 227-230.	27.8	293
6	Deepwater variability in the Holocene epoch. Nature, 2003, 422, 277-277.	27.8	276
7	2,000-year-long temperature and hydrology reconstructions from the Indo-Pacific warm pool. Nature, 2009, 460, 1113-1116.	27.8	272
8	Rapid early Holocene deglaciation of the Laurentide ice sheet. Nature Geoscience, 2008, 1, 620-624.	12.9	268
9	Abrupt Climate Events 500,000 to 340,000 Years Ago: Evidence from Subpolar North Atlantic Sediments. Science, 1998, 279, 1335-1338.	12.6	239
10	Mid-Depth Circulation of the Subpolar North Atlantic During the Last Glacial Maximum. Science, 1993, 259, 1148-1152.	12.6	225
11	North Atlantic forcing of tropical Indian Ocean climate. Nature, 2014, 509, 76-80.	27.8	206
12	The amplitude and phasing of climate change during the last deglaciation in the Sulu Sea, western equatorial Pacific. Geophysical Research Letters, 2003, 30, .	4.0	197
13	Millennial-scale climate instability during the early Pleistocene epoch. Nature, 1998, 392, 699-702.	27.8	192
14	Evolution and demise of the Last Interglacial warmth in the subpolar North Atlantic. Quaternary Science Reviews, 2006, 25, 3268-3277.	3.0	185
15	Suborbital timescale variability of North Atlantic Deep Water during the past 200,000 years. Paleoceanography, 1995, 10, 901-910.	3.0	183
16	Stability of North Atlantic water masses in face of pronounced climate variability during the Pleistocene. Paleoceanography, 2004, 19, n/a-n/a.	3.0	179
17	Robust global ocean cooling trend for the pre-industrial Common Era. Nature Geoscience, 2015, 8, 671-677.	12.9	166
18	Synchronous, high-frequency oscillations in tropical sea surface temperatures and North Atlantic Deep Water production during the Last Glacial Cycle. Paleoceanography, 1997, 12, 1-14.	3.0	157

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19	Carbon isotope composition of tropical surface water during the past 22,000 years. Paleoceanography, 1989, 4, 333-351.	3.0	142
20	Holocene evolution of the Indonesian throughflow and the western Pacific warm pool. Nature Geoscience, 2010, 3, 578-583.	12.9	141
21	Late Pleistocene Southern Ocean Î´¹³C variability. Paleoceanography, 1990, 5, 43-54.	3.0	140
22	Last deglaciation in the Okinawa Trough: Subtropical northwest Pacific link to Northern Hemisphere and tropical climate. Paleoceanography, 2005, 20, n/a-n/a.	3.0	139
23	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. Geology, 2005, 33, 785.	4.4	137
24	Millennial-scale changes in North Atlantic circulation since the last glaciation. Nature, 1998, 393, 557-561.	27.8	135
25	Thermohaline Circulation and Prolonged Interglacial Warmth in the North Atlantic. Quaternary Research, 2002, 58, 17-21.	1.7	127
26	Amplitude and timing of temperature and salinity variability in the subpolar North Atlantic over the past 10 k.y.. Geology, 2007, 35, 315.	4.4	125
27	Temperature and carbonate ion effects on Mg/Ca and Sr/Ca ratios in benthic foraminifera: Aragonitic speciesHoeglundina elegans. Paleoceanography, 2006, 21, n/a-n/a.	3.0	120
28	Surface-temperature trends and variability in the low-latitude North Atlantic since 1552. Nature Geoscience, 2009, 2, 492-495.	12.9	119
29	Persistent suborbital climate variability in marine isotope stage 5 and termination II. Paleoceanography, 2001, 16, 280-292.	3.0	117
30	South China Sea hydrological changes and Pacific Walker Circulation variations over the last millennium. Nature Communications, 2011, 2, 293.	12.8	113
31	Zinc concentrations in benthic foraminifera reflect seawater chemistry. Paleoceanography, 2000, 15, 299-306.	3.0	112
32	Glacial to Holocene swings of the Australianâ€“Indonesian monsoon. Nature Geoscience, 2011, 4, 540-544.	12.9	111
33	Marine core evidence for reduced deep water production during Termination II followed by a relatively stable substage 5e (Eemian). Paleoceanography, 1997, 12, 51-63.	3.0	110
34	Coordinated hydrological regimes in the Indo-Pacific region during the past two millennia. Paleoceanography, 2010, 25, .	3.0	107
35	Episodic reductions in bottom-water currents since the last ice age. Nature Geoscience, 2008, 1, 449-452.	12.9	102
36	Paleoenvironmental change in the middle Okinawa Trough since the last deglaciation: Evidence from the sedimentation rate and planktonic foraminiferal record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 243, 378-393.	2.3	94

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37	Subtropical Atlantic salinity variability and Atlantic meridional circulation during the last deglaciation. Geology, 2008, 36, 991.	4.4	91
38	Atlantic Ocean thermohaline circulation of the last 150,000 years: Relationship to climate and atmospheric CO₂. Paleoceanography, 1990, 5, 277-288.	3.0	88
39	North Atlantic Intermediate to Deep Water circulation and chemical stratification during the past 1 Myr. Paleoceanography, 2000, 15, 388-403.	3.0	83
40	Paired benthic foraminiferal Cd/Ca and Zn/Ca evidence for a greatly increased presence of Southern Ocean Water in the glacial North Atlantic. Paleoceanography, 2002, 17, 10-1-10-18.	3.0	83
41	Indonesian vegetation response to changes in rainfall seasonality over the past 25,000 years. Nature Geoscience, 2014, 7, 513-517.	12.9	80
42	Orbital and suborbital climate variability in the Sulu Sea, western tropical Pacific. Geochemistry, Geophysics, Geosystems, 2003, 4, 1-20.	2.5	77
43	Holocene loess deposition in Iceland: Evidence for millennial-scale atmosphere-ocean coupling in the North Atlantic. Geology, 2005, 33, 509.	4.4	76
44	Long-term variations in Icelandâ€“Scotland overflow strength during the Holocene. Climate of the Past, 2013, 9, 2073-2084.	3.4	73
45	Glacial deep water geometry: South Atlantic benthic foraminiferal Cd/Ca and Î´13C evidence. Paleoceanography, 2000, 15, 147-160.	3.0	72
46	Pleistocene Î´¹³C Variability of North Atlantic Intermediate Water. Paleoceanography, 1992, 7, 229-250.	3.0	70
47	Reconstructing the thermal structure of the upper ocean: Insights from planktic foraminifera shell chemistry and alkenones in modern sediments of the tropical eastern Indian Ocean. Paleoceanography, 2011, 26, .	3.0	70
48	Deglacial Î´18O and hydrologic variability in the tropical Pacific and Indian Oceans. Earth and Planetary Science Letters, 2014, 387, 240-251.	4.4	69
49	Oceanographic dynamics and the end of the last interglacial in the subpolar North Atlantic. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11263-11268.	7.1	66
50	A Î´13C record of Upper North Atlantic Deep Water during the past 2.6 million years. Paleoceanography, 1995, 10, 373-394.	3.0	65
51	Pacific Ocean Heat Content During the Past 10,000 Years. Science, 2013, 342, 617-621.	12.6	65
52	Decreased influence of Antarctic intermediate water in the tropical Atlantic during North Atlantic cold events. Earth and Planetary Science Letters, 2014, 389, 200-208.	4.4	65
53	Suborbital climate variability during Marine Isotopic Stage 5 in the central Mediterranean basin: evidence from calcareous plankton record. Quaternary Science Reviews, 2006, 25, 2332-2342.	3.0	63
54	Postglacial changes in El NiÃ±o and La NiÃ±a behavior. Geology, 2010, 38, 43-46.	4.4	63

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55	Calibration of the carbon isotope composition (Î´¹³C) of benthic foraminifera. Paleoceanography, 2017, 32, 512-530.	3.0	63
56	Consistently dated Atlantic sediment cores over the last 40 thousand years. Scientific Data, 2019, 6, 165.	5.3	63
57	Rapid switches in subpolar North Atlantic hydrography and climate during the Last Interglacial (MIS) Tj ETQq1 1 0.784314 rgBT /Overlo	3.0	62
58	East Asian monsoon forcing of suborbital variability in the Sulu Sea during Marine Isotope Stage 3: Link to Northern Hemisphere climate. Geochemistry, Geophysics, Geosystems, 2003, 4, 1-13.	2.5	61
59	Interpreting sea surface temperature from strontium/calcium ratios in Montastrea corals: Link with growth rate and implications for proxy reconstructions. Paleoceanography, 2008, 23, .	3.0	56
60	Marine Isotope Stage 11 (MIS 11): Analog for Holocene and future climate?. Geophysical Monograph Series, 2003, , 69-85.	0.1	55
61	Sea surface temperature pattern reconstructions in the Arabian Sea. Paleoceanography, 2006, 21, n/a-n/a.	3.0	54
62	Deglacial variability in the surface return flow of the Atlantic meridional overturning circulation. Paleoceanography, 2008, 23, .	3.0	54
63	Stable Oxygen Isotopes and Mg/Ca in Planktic Foraminifera From Modern Surface Sediments of the Western Pacific Warm Pool: Implications for Thermocline Reconstructions. Paleoceanography, 2017, 32, 1174-1194.	3.0	49
64	What do benthic Î´¹³C and Î´¹⁸O data tell us about Atlantic circulation during Heinrich Stadial 1?. Paleoceanography, 2015, 30, 353-368.	3.0	48
65	Comparison of equatorial Pacific sea surface temperature variability and trends with Sr/Ca records from multiple corals. Paleoceanography, 2016, 31, 252-265.	3.0	48
66	Strengthening of the Northeast Monsoon over the Flores Sea, Indonesia, at the time of Heinrich event 1. Geology, 2012, 40, 635-638.	4.4	46
67	Millennial-scale changes in ventilation of the thermocline, intermediate, and deep waters of the glacial North Atlantic. Geophysical Monograph Series, 1999, , 59-76.	0.1	45
68	Data Constraints on Glacial Atlantic Water Mass Geometry and Properties. Paleoceanography and Paleoclimatology, 2018, 33, 1013-1034.	2.9	45
69	Atlantic Ocean circulation during the Younger Dryas: Insights from a new Cd/Ca record from the western subtropical South Atlantic. Paleoceanography, 2003, 18, n/a-n/a.	3.0	44
70	Climate stability during the Pliocene warm period. Paleoceanography, 2003, 18, n/a-n/a.	3.0	43
71	Alkenones as paleoceanographic proxies. Geochemistry, Geophysics, Geosystems, 2000, 1, n/a-n/a.	2.5	41
72	Cd/Ca changes in a Deep Cape Basin Core over the past 730,000 years: Response of circumpolar deepwater variability to northern hemisphere ice sheet melting?. Paleoceanography, 1994, 9, 661-675.	3.0	40

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73	Seawater isotope constraints on tropical hydrology during the Holocene. Geophysical Research Letters, 2007, 34, .	4.0	40
74	Reconstruction of the late-Holocene changes in the Sub-Arctic Front position at the Reykjanes Ridge, north Atlantic. Holocene, 2012, 22, 877-886.	1.7	40
75	Processes controlling the geochemical composition of the South China Sea sediments during the last climatic cycle. Chemical Geology, 2008, 257, 240-246.	3.3	39
76	Variations in Western Pacific Warm Pool surface and thermocline conditions over the past 110,000 years: Forcing mechanisms and implications for the glacial Walker circulation. Quaternary Science Reviews, 2018, 201, 429-445.	3.0	39
77	The influence of Indian Ocean atmospheric circulation on Warm Pool hydroclimate during the Holocene epoch. Journal of Geophysical Research, 2012, 117, .	3.3	38
78	Asynchronous warming and Î´ ¹⁸ O evolution of deep Atlantic water masses during the last deglaciation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11075-11080.	7.1	38
79	Glacialâ€“interglacial Nd isotope variability of North Atlantic Deep Water modulated by North American ice sheet. Nature Communications, 2019, 10, 5773.	12.8	37
80	Meridional overturning circulation in the South Atlantic at the last glacial maximum. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	36
81	Corals record persistent multidecadal SST variability in the Atlantic Warm Pool since 1775 AD. Paleoceanography, 2012, 27, .	3.0	35
82	Terrigenous plant wax inputs to the Arabian Sea: Implications for the reconstruction of winds associated with the Indian Monsoon. Geochimica Et Cosmochimica Acta, 2005, 69, 2547-2558.	3.9	32
83	High-precision and accurate determinations of neodymium isotopic compositions at nanogram levels in natural materials by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2012, 27, 1560.	3.0	31
84	Temperature calibration of Mg/Ca ratios in the intermediate water benthic foraminifer Hyalinea balthica. Geochemistry, Geophysics, Geosystems, 2011, 12, .	2.5	30
85	Antarctic intermediate water circulation in the South Atlantic over the past 25,000â€‰years. Paleoceanography, 2016, 31, 1302-1314.	3.0	29
86	Evaluating mechanisms of nutrient depletion and13C enrichment in the intermediate-depth Atlantic during the last ice age. Paleoceanography, 2003, 18, n/a-n/a.	3.0	28
87	Hydrographic changes in the eastern subpolar North Atlantic during the last deglaciation. Quaternary Science Reviews, 2010, 29, 3336-3345.	3.0	28
88	Dynamic millennialâ€scale climate changes in the northwestern Pacific over the past 40,000 years. Geophysical Research Letters, 2010, 37, .	4.0	27
89	South Atlantic intermediate water mass geometry for the last glacial maximum from foraminiferal Cd/Ca. Paleoceanography, 2010, 25, n/a-n/a.	3.0	27
90	Coherent Response of Antarctic Intermediate Water and Atlantic Meridional Overturning Circulation During the Last Deglaciation: Reconciling Contrasting Neodymium Isotope Reconstructions From the Tropical Atlantic. Paleoceanography, 2017, 32, 1036-1053.	3.0	23

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91	Intermediate water links to Deep Western Boundary Current variability in the subtropical NW Atlantic during marine isotope stages 5 and 4. Paleoceanography, 2007, 22, .	3.0	22
92	Assessing the potential capability of reconstructing glacial Atlantic water masses and AMOC using multiple proxies in CESM. Earth and Planetary Science Letters, 2020, 541, 116294.	4.4	22
93	Regional climate variability in the western subtropical North Atlantic during the past two millennia. Paleoceanography, 2011, 26, .	3.0	16
94	Similar mid-depth Atlantic water mass provenance during the Last Glacial Maximum and Heinrich Stadial 1. Earth and Planetary Science Letters, 2018, 490, 51-61.	4.4	16
95	Twentieth century warming of the tropical Atlantic captured by Srâ€U paleothermometry. Paleoceanography, 2017, 32, 146-160.	3.0	15
96	Exceptional 20th Century Ocean Circulation in the Northeast Atlantic. Geophysical Research Letters, 2020, 47, e2020GL087577.	4.0	15
97	Comparing paleo-oxygenation proxies (benthic foraminiferal surface porosity, I/Ca, authigenic) Tj ETQq1 1 0.784314 rgBT /Overlock 1 331, 69-85.	3.9	14
98	The Great Indo-Pacific Communicator. Science, 2010, 328, 1492-1494.	12.6	13
99	Midâ€Holocene, Coralâ€Based Sea Surface Temperatures in the Western Tropical Atlantic. Paleoceanography and Paleoclimatology, 2019, 34, 1234-1245.	2.9	11
100	Tropical Atlantic climate response to lowâ€latitude and extratropical seaâ€surface temperature: A Little Ice Age perspective. Geophysical Research Letters, 2009, 36, .	4.0	10
101	Atlantic Circulation and Ice Sheet Influences on Upper South Atlantic Temperatures During the Last Deglaciation. Paleoceanography and Paleoclimatology, 2019, 34, 990-1005.	2.9	10
102	Water mass gradients of the mid-depth Southwest Atlantic during the past 25,000 years. Earth and Planetary Science Letters, 2020, 531, 115963.	4.4	10
103	Deglacial trends in Indo-Pacific warm pool hydroclimate in an isotope-enabled Earth system model and implications for isotope-based paleoclimate reconstructions. Quaternary Science Reviews, 2021, 270, 107188.	3.0	10
104	Late Quaternary paleomagnetic secular variation recorded in deep-sea sediments from the Demerara Rise, equatorial west Atlantic Ocean. Physics of the Earth and Planetary Interiors, 2017, 272, 17-26.	1.9	9
105	The Impact of Astronomical Forcing on Surface and Thermocline Variability Within the Western Pacific Warm Pool Over the Past 160Âkyr. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003832.	2.9	9
106	Remineralization dominating the Î´13C decrease in the mid-depth Atlantic during the last deglaciation. Earth and Planetary Science Letters, 2021, 571, 117106.	4.4	8
107	Less Remineralized Carbon in the Intermediateâ€Depth South Atlantic During Heinrich Stadial 1. Paleoceanography and Paleoclimatology, 2019, 34, 1218-1233.	2.9	6
108	North Atlantic intermediate depth variability during the Younger Dryas: Evidence from benthic foraminiferal Mg/Ca and the GFDL R30 Coupled Climate Model. Geophysical Monograph Series, 2007, , 247-263.	0.1	5

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109	Millennial and centennial CO2 release from the Southern Ocean during the last deglaciation. Nature Geoscience, 2022, 15, 293-299.	12.9	5
110	Seawater Cadmium in the Florida Straits Over the Holocene and Implications for Upper AMOC Variability. Paleoceanography and Paleoclimatology, 2022, 37, .	2.9	2