Gerold Wefer

List of Publications by Year
in descending order

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216 papers	14,567 citations	13087 68 h-index	27389 106 g-index
223 all docs	223 docs citations	223 times ranked	9705 citing authors

#	Article	IF	Citations
1	Isotope paleontology: growth and composition of extant calcareous species. Marine Geology, 1991, 100, 207-248.	0.9	519
2	Holocene rainfall variability in southern Chile: a marine record of latitudinal shifts of the Southern Westerlies. Earth and Planetary Science Letters, 2001, 185, 369-382.	1.8	318
3	Early diagenesis of organic matter from sediments of the eastern subtropical Atlantic: evidence from stable nitrogen and carbon isotopes. Geochimica Et Cosmochimica Acta, 2001, 65, 1795-1808.	1.6	317
4	Warming of the tropical Atlantic Ocean and slowdown of thermohaline circulation during the last deglaciation. Nature, 1999, 402, 511-514.	13.7	309
5	Upwelling Intensification As Part of the Pliocene-Pleistocene Climate Transition. Science, 2000, 290, 2288-2291.	6.0	306
6	Correlated Millennial-Scale Changes in Surface Hydrography and Terrigenous Sediment Yield Inferred from Last-Glacial Marine Deposits off Northeastern Brazil. Quaternary Research, 1998, 50, 157-166.	1.0	299
7	Seasonal variability of particle flux in the Weddell Sea and its relation to ice cover. Nature, 1988, 335, 426-428.	13.7	249
8	Seasonal particle flux in the Bransfield Strait, Antartica. Deep-sea Research Part A, Oceanographic Research Papers, 1988, 35, 891-898.	1.6	219
9	Late Quaternary vegetational and climate dynamics in northeastern Brazil, inferences from marine core GeoB 3104-1. Quaternary Science Reviews, 2000, 19, 981-994.	1.4	215
10	Sahel megadroughts triggered by glacial slowdowns of Atlantic meridional overturning. Paleoceanography, 2008, 23, .	3.0	213
11	High-Resolution Marine Record of Climatic Change in Mid-latitude Chile during the Last 28,000 Years Based on Terrigenous Sediment Parameters. Quaternary Research, 1999, 51, 83-93.	1.0	204
12	Seasonal patterns of vertical particle flux in equatorial and coastal upwelling areas of the eastern Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 1993, 40, 1613-1645.	0.6	197
13	Planktonic foraminifera as recorders of past surface-water stratification. Geology, 1997, 25, 335.	2.0	178
14	A coral oxygen isotope record from the northern Red Sea documenting NAO, ENSO, and North Pacific teleconnections on Middle East climate variability since the year 1750. Paleoceanography, 2000, 15, 679-694.	3.0	168
15	Annual primary production and export flux in the Southern Ocean from sediment trap data. Marine Chemistry, 1991, 35, 597-613.	0.9	164
16	Effects of ice coverage and ice-rafted material on sedimentation in the Fram Strait. Nature, 1991, 350, 409-411.	13.7	161
17	The role of fire in Miocene to Pliocene C4 grassland and ecosystem evolution. Nature Geoscience, 2013, 6, 1027-1030.	5.4	153
18	Calcium Carbonate Hexahydrate from Organic-Rich Sediments of the Antarctic Shelf: Precursors of Glendonites. Science, 1982, 216, 1128-1131.	6.0	152

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19	Distribution of planktic foraminifera at the ice margin in the Arctic (Fram Strait). Marine Micropaleontology, 1997, 29, 257-269.	0.5	149
20	Late glacial to Holocene climate and sedimentation history in the NW Black Sea. Marine Geology, 2005, 214, 309-322.	0.9	149
21	Sensitivity of planktic foraminifera to sea surface temperature and export production as derived from sediment trap data. Marine Micropaleontology, 2005, 55, 75-105.	0.5	144
22	Fluxes of biogenic components from sediment trap deployment in circumpolar waters of the Drake Passage. Nature, 1982, 299, 145-147.	13.7	139
23	Temperature:Î´18O relationships of planktonic foraminifera collected from surface waters. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 202, 143-152.	1.0	137
24	Asynchronous Terrestrial and Marine Signals of Climate Change During Heinrich Events. Science, 2004, 306, 2236-2239.	6.0	136
25	Quaternary time scale for the Ontong Java Plateau: Milankovitch template for Ocean Drilling Program Site 806. Geology, 1994, 22, 463.	2.0	135
26	High- and low-latitude climate control on the position of the southern Peru-Chile Current during the Holocene. Paleoceanography, 2002, 17, 16-1-16-10.	3.0	127
27	Oxygen isotope composition of living Neogloboquadrina pachyderma (sin.) in the Arctic Ocean. Earth and Planetary Science Letters, 1997, 146, 47-58.	1.8	126
28	Late Quaternary Temperature Variability in the Benguela Current System Derived from Alkenones. Quaternary Research, 1999, 52, 92-103.	1.0	122
29	Lithogenic particle fluxes and grain size distributions in the deep ocean off northwest Africa: Implications for seasonal changes of aeolian dust input and downward transport. Deep-Sea Research Part I: Oceanographic Research Papers, 1999, 46, 1289-1337.	0.6	121
30	Temperature and productivity changes off the western Iberian margin during the last 150Âky. Quaternary Science Reviews, 2010, 29, 680-695.	1.4	120
31	Carbonate production by algae Halimeda, Penicillus and Padina. Nature, 1980, 285, 323-324.	13.7	114
32	Sedimentation of biogenic siliceous particles in Antarctic waters from the Atlantic sector. Marine Micropaleontology, 1987, 11, 311-332.	0.5	114
33	Late glacial to Holocene paleoenvironmental evolution of the Black Sea, reconstructed with stable oxygen isotope records obtained on ostracod shells. Earth and Planetary Science Letters, 2006, 241, 863-875.	1.8	111
34	Link between the North and South Atlantic during the Heinrich events of the last glacial period. Climate Dynamics, 1999, 15, 909-919.	1.7	110
35	Mid-Pleistocene environmental change in tropical Africa began as early as 1.05 Ma. Geology, 2001, 29, 195.	2.0	110
36	Interhemispheric symmetry of the tropical African rainbelt over the past 23,000 years. Nature Geoscience, 2011, 4, 42-45.	5.4	110

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37	Late Quaternary precessional cycles of terrigenous sediment input off the Norte Chico, Chile (27.5Â°S) and palaeoclimatic implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 141, 233-251.	1.0	105
38	Recent distribution of planktonic foraminifera in the Nansen Basin, Arctic Ocean. Deep-sea Research Part A, Oceanographic Research Papers, 1992, 39, S507-S524.	1.6	104
39	Rapid palaeoceanographic changes in the Benguela Upwelling System for the last 160,000 years as indicated by abundances of planktonic foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 1997, 130, 135-161.	1.0	103
40	Orbital- and millennial-scale changes in the hydrologic cycle and vegetation in the western African Sahel: insights from individual plant wax Î´D and Î´13C. Quaternary Science Reviews, 2010, 29, 2996-3005.	1.4	103
41	Deep water particle flux in the Canary Island region: seasonal trends in relation to long-term satellite derived pigment data and lateral sources. Deep-Sea Research Part I: Oceanographic Research Papers, 1997, 44, 1451-1466.	0.6	101
42	The deglacial history of the western tropical Atlantic as inferred from high resolution stable isotope records off northeastern Brazil. Earth and Planetary Science Letters, 1999, 167, 105-117.	1.8	101
43	A 200-year coral stable oxygen isotope record from a high-latitude reef off Western Australia. Coral Reefs, 1999, 18, 1-12.	0.9	97
44	Distinct year-to-year particle flux variations off Cape Blanc during 1988â€“1991: Relation to Î´¹⁸O-deduced sea-surface temperatures and trade winds. Journal of Marine Research, 1996, 54, 73-98.	0.3	95
45	Surface sediment distribution along the Chilean continental slope related to upwelling and productivity. Marine Geology, 2000, 164, 119-137.	0.9	94
46	Glacial/interglacial variablity in the Benguela upwelling system: Spatial distribution and budgets of organic carbon accumulation. Global Biogeochemical Cycles, 2002, 16, 81-1-81-15.	1.9	94
47	Late Quaternary productivity changes in the western equatorial Atlantic: Evidence from 230 Th-normalized carbonate and organic carbon accumulation rates. Marine Geology, 1996, 135, 127-152.	0.9	93
48	Last deglacial sea-surface temperature evolution in the Southeast Pacific compared to climate changes on the South American continent. Quaternary Science Reviews, 2002, 21, 2085-2097.	1.4	93
49	Intermediate depth warming in the tropical Atlantic related to weakened thermohaline circulation: Combining paleoclimate data and modeling results for the last deglaciation. Paleoceanography, 2004, 19, n/a-n/a.	3.0	92
50	Cellular calcium pathways and isotope fractionation in Emiliania huxleyi. Geology, 2006, 34, 625.	2.0	91
51	Annual particle flux and a winter outburst of sedimentation in the northern Norwegian Sea. Deep-sea Research Part A, Oceanographic Research Papers, 1988, 35, 1223-1234.	1.6	90
52	Late Miocene stable isotope stratigraphy of SE Atlantic ODP Site 1085: Relation to Messinian events. Marine Geology, 2002, 180, 71-85.	0.9	90
53	Overview of Glacial Atlantic Ocean Mapping (GLAMAP 2000). Paleoceanography, 2003, 18, n/a-n/a.	3.0	90
54	Organic carbon fluxes in the Atlantic and the Southern Ocean: relationship to primary production compiled from satellite radiometer data. Deep-Sea Research Part II: Topical Studies in Oceanography, 2000, 47, 1961-1997.	0.6	89

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55	PANGAEAâ€”an information system for environmental sciences. Computers and Geosciences, 2002, 28, 1201-1210.	2.0	88
56	Estimating the hydrogen isotopic composition of past precipitation using leaf-waxes from western Africa. Quaternary Science Reviews, 2013, 65, 88-101.	1.4	87
57	Holocene African droughts relate to eastern equatorial Atlantic cooling. Geology, 2005, 33, 981.	2.0	85
58	The impact of sediment provenance on barium-based productivity estimates. Marine Geology, 2000, 169, 259-271.	0.9	83
59	Interhemispheric comparison of deglacial sea-surface temperature patterns in Atlantic eastern boundary currents. Earth and Planetary Science Letters, 2002, 194, 383-393.	1.8	80
60	Vertical water mass mixing and plankton blooms recorded in skeletal stable carbon isotopes of a Red Sea coral. Journal of Geophysical Research, 1998, 103, 30731-30739.	3.3	79
61	Abrupt changes of temperature and water chemistry in the late Pleistocene and early Holocene Black Sea. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	79
62	Possible impact of the Atlantic Multidecadal Oscillation on the South American summer monsoon. Geophysical Research Letters, 2009, 36, .	1.5	79
63	Documenting large earthquakes similar to the 2011 Tohoku-oki earthquake from sediments deposited in the Japan Trench over the past 1500 years. Earth and Planetary Science Letters, 2016, 445, 48-56.	1.8	78
64	Late Quaternary paleoceanography in the Fram Strait. Paleoceanography, 1997, 12, 65-78.	3.0	77
65	Late Quaternary rapid climate change in northern Chile. Terra Nova, 2000, 12, 8-13.	0.9	75
66	Tectonically-triggered sediment and carbon export to the Hadal zone. Nature Communications, 2018, 9, 121.	5.8	75
67	A slump in the trench: Tracking the impact of the 2011 Tohoku-Oki earthquake. Geology, 2013, 41, 935-938.	2.0	73
68	Organic carbon, biogenic silica and diatom fluxes in the marginal winter sea-ice zone and in the Polar Front Region: interannual variations and differences in composition. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 1721-1745.	0.6	72
69	Clues to ancient methane release. Nature, 1994, 369, 282-282.	13.7	71
70	The transition of the monsoonal and the N Atlantic climate system off NW Africa during the Holocene. Geophysical Research Letters, 2004, 31, .	1.5	71
71	Abrupt shifts of the Saharaâ€“Sahel boundary during Heinrich stadials. Climate of the Past, 2013, 9, 1181-1191.	1.3	71
72	Stable isotope fractionation in benthic foraminifera from the Peruvian continental margin. Marine Geology, 1984, 59, 215-225.	0.9	70

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73	Late Quaternary vegetational and climate dynamics in southeastern Brazil, inferences from marine cores GeoB 3229-2 and GeoB 3202-1. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 179, 227-243.	1.0	69
74	Dust deposition pulses to the eastern subtropical North Atlantic gyre: Does ocean's biogeochemistry respond?. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	1.9	68
75	Sediment dynamics and geohazards off Uruguay and the de la Plata River region (northern Argentina) Tj ETQq1 1 0.784314 rgBT /Ove	0.5	68
76	Growth histories of strombid snails from Bermuda recorded in their O-18 and C-13 profiles. Marine Biology, 1980, 60, 129-135.	0.7	66
77	Terrigenous sediment supply along the Chilean continental margin: modern regional patterns of texture and composition. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1998, 87, 477-494.	1.3	66
78	Linking desert evolution and coastal upwelling: Pliocene climate change in Namibia. Geology, 2005, 33, 461.	2.0	66
79	Productivity of the glacial ocean: Discussion of the iron hypothesis. Limnology and Oceanography, 1991, 36, 1899-1918.	1.6	65
80	Glacial millennial-scale fluctuations in central African precipitation recorded in terrigenous sediment supply and freshwater signals offshore Cameroon. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 197, 323-333.	1.0	65
81	Origin of increased terrigenous supply to the NE South American continental margin during Heinrich Stadial 1 and the Younger Dryas. Earth and Planetary Science Letters, 2015, 432, 493-500.	1.8	65
82	Dissolution of biogenic carbonates: Effects of skeletal structure. Marine Geology, 1986, 71, 341-362.	0.9	64
83	Flux and stable isotope composition of Neogloboquadrina pachyderma and other planktonic foraminifers in the Southern Ocean (Atlantic sector). Deep-Sea Research Part I: Oceanographic Research Papers, 1994, 41, 1733-1743.	0.6	64
84	Vertical fluxes of diatoms and silicoflagellates in the eastern equatorial Atlantic, and their contribution to the sedimentary record. Marine Micropaleontology, 1996, 28, 73-96.	0.5	64
85	Influence of lateral particle advection and organic matter degradation on sediment accumulation and stable nitrogen isotope ratios along a productivity gradient in the Canary Islands region. Marine Geology, 2001, 177, 93-109.	0.9	64
86	Reconstruction of past nutrient utilization in the Eastern Angola Basin based on sedimentary15N/14N ratios. Paleoceanography, 1997, 12, 604-614.	3.0	63
87	Signature of the Brazil-Malvinas Confluence (Argentine Basin) in the isotopic composition of planktonic foraminifera from surface sediments. Marine Micropaleontology, 2007, 64, 52-66.	0.5	63
88	Terrestrial organic carbon accumulation on the Amazon deep sea fan during the last glacial sea level low stand. Chemical Geology, 1999, 159, 263-281.	1.4	61
89	Neotropical vegetation response to rapid climate changes during the last glacial period: Palynological evidence from the Cariaco Basin. Quaternary Research, 2008, 69, 217-230.	1.0	61
90	The early Matuyama Diatom Maximum off SW Africa, Benguela Current System (ODP Leg 175). Marine Geology, 1999, 161, 93-114.	0.9	60

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91	Late Quaternary paleoproductivity changes off the Congo deduced from stable carbon isotopes of planktonic foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 110, 255-274.	1.0	58
92	Upwelling intensity and filament activity off Morocco during the last 250,000 years. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 3655-3674.	0.6	58
93	Differences in the biological carbon pump at three subtropical ocean sites. Geophysical Research Letters, 2002, 29, 32-1-32-4.	1.5	57
94	Seasonal productivity dynamics in the pelagic central Benguela System inferred from the flux of carbonate and silicate organisms. Journal of Marine Systems, 2002, 37, 259-278.	0.9	57
95	Particle fluxes in the ocean: comparison of sediment trap data with results from inverse modeling. Journal of Marine Systems, 2003, 39, 167-183.	0.9	57
96	Organic carbon accumulation in the South Atlantic Ocean: its modern, mid-Holocene and last glacial distribution. Global and Planetary Change, 2004, 40, 249-266.	1.6	57
97	Climatic changes during the last deglaciation recorded in sediment cores from the northeastern Brazilian Continental Margin. Geo-Marine Letters, 1999, 19, 209-218.	0.5	56
98	High resolution planktic foraminiferal record of the last 13,300 years from the upwelling area off Chile. Marine Geology, 1999, 161, 115-128.	0.9	54
99	Sea surface temperatures in the equatorial and South Atlantic Ocean during the Last Glacial Maximum (23-19 ka). Paleoceanography, 2003, 18, n/a-n/a.	3.0	54
100	Late Quaternary vegetation and climate dynamics in the Serra da Bocaina, southeastern Brazil. Quaternary International, 2007, 161, 22-31.	0.7	53
101	Drilling cores on the sea floor with the remote-controlled sea floor drilling rig MeBo. Geoscientific Instrumentation, Methods and Data Systems, 2013, 2, 329-337.	0.6	51
102	Correlation of stable oxygen isotope temperature record with light attenuation profiles in reef-dwellingTridacna shells. Coral Reefs, 1991, 10, 65-69.	0.9	50
103	Monitoring climate variability over the past 116 years in coral oxygen isotopes from Ningaloo Reef, Western Australia. International Journal of Earth Sciences, 2000, 88, 725-732.	0.9	50
104	Seasonal variations in the stable isotopic composition and the skeletal density pattern of the coralPorites lobata (Gulf of Eilat, Red Sea). Marine Biology, 1992, 112, 259-263.	0.7	49
105	Stable nitrogen isotopes in Angola Basin surface sediments. Marine Geology, 1996, 134, 1-12.	0.9	49
106	Offshore influence of coastal upwelling off Mauritania, NW Africa, as recorded by diatoms in sediment traps at 2195 m water depth. Deep-Sea Research Part I: Oceanographic Research Papers, 1998, 45, 985-1013.	0.6	49
107	The imprint of anthropogenic CO2 in the Arctic Ocean: evidence from planktic Î´13C data from watercolumn and sediment surfaces. Deep-Sea Research Part II: Topical Studies in Oceanography, 2000, 47, 1791-1808.	0.6	49
108	Seasonal variations of the particle flux in the Peru-Chile current at 30Â°S under â€˜normalâ€™ and El NiÃ±o conditions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2000, 47, 2101-2128.	0.6	49

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109	Planktonic foraminifera from modern sediments reflect upwelling patterns off Iberia: Insights from a regional transfer function. Marine Micropaleontology, 2008, 66, 135-164.	0.5	49
110	Offshore advection of particles within the Cape Blanc filament, Mauritania: Results from observational and modelling studies. Progress in Oceanography, 2009, 83, 322-330.	1.5	49
111	Stable Isotopes in Benthic Foraminifera: Seasonal Variation in Large Tropical Species. Science, 1980, 209, 803-805.	6.0	48
112	Temperature sensitivity of planktic foraminifera and its influence on the oxygen isotope record. Marine Micropaleontology, 1998, 33, 223-240.	0.5	48
113	On the reconstruction of upwelling history: Namibia upwelling in context. Marine Geology, 2002, 180, 3-28.	0.9	48
114	Rate of growth and longevity of a large colony of Pentapora foliacea (Bryozoa) recorded in their oxygen isotope profiles. Marine Biology, 1987, 96, 535-538.	0.7	47
115	Reconstruction of atmospheric CO2 from ice-core data and the deep-sea record of ontong Java plateau: the Milankovitch chron. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1996, 85, 466-495.	1.3	47
116	Late Quaternary insolation forcing on total organic carbon and C37alkenone variations in the Arabian Sea. Paleoceanography, 2000, 15, 307-321.	3.0	47
117	Paleoproductivity in the southern Peruâ€“Chile Current through the last 33â€ˆ000 yr. Marine Geology, 2002, 186, 487-504.	0.9	47
118	Latitudinal Î´13Corg variations in sinking matter and sediments from the South Atlantic: effects of anthropogenic CO2 and implications for paleo-PCO2 reconstructions. Journal of Marine Systems, 1998, 17, 471-495.	0.9	46
119	Eolian-transported freshwater diatoms and phytoliths across the equatorial Atlantic record: Temporal changes in Saharan dust transport patterns. Journal of Geophysical Research, 1999, 104, 3211-3222.	3.3	46
120	Planktonic foraminifers as tracers of ocean currents in the eastern South Atlantic. Paleoceanography, 1992, 7, 607-632.	3.0	45
121	Seasonal flux patterns of planktic foraminifera in the Peruâ€“Chile current. Deep-Sea Research Part I: Oceanographic Research Papers, 1998, 45, 1161-1185.	0.6	45
122	Das CO2-Problem und die Rolle des Ozeans. Die Naturwissenschaften, 1994, 81, 237-242.	0.6	44
123	South Atlantic and benthic foraminifer Î´13C deviations: implications for reconstructing the Late Quaternary deep-water circulation. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 437-452.	0.6	44
124	Mineral ballast and particle settling rates in the coastal upwelling system off NW Africa and the South Atlantic. International Journal of Earth Sciences, 2009, 98, 281-298.	0.9	44
125	Evidence for orbitally controlled size variations of the East Antarctic Ice Sheet during the late Miocene. Geology, 2003, 31, 777.	2.0	43
126	Oxygen isotopes versus CLIMAP (18 ka) temperatures: A comparison from the tropical Atlantic. Geology, 1998, 26, 675.	2.0	42

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127	Time series of in-situ particle properties and sediment trap fluxes in the coastal upwelling filament off Cape Blanc, Mauritania. Progress in Oceanography, 2015, 137, 1-11.	1.5	42
128	Stable isotopes in recent larger foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 1981, 33, 253-270.	1.0	41
129	Diatom and silicoflagellate fluxes at the Walvis Ridge: An environment influenced by coastal upwelling in the Benguela system. Journal of Marine Research, 1996, 54, 991-1016.	0.3	41
130	Temporal and spatial variability in export production in the SE Pacific Ocean: evidence from siliceous plankton fluxes and surface sediment assemblages. Deep-Sea Research Part I: Oceanographic Research Papers, 2001, 48, 2673-2697.	0.6	41
131	Pleistocene variations in dust input and marine productivity in the northern Benguela Current: Evidence of evolution of global glacialâ€“interglacial cycles. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 193, 515-533.	1.0	41
132	South Atlantic interocean exchange as the trigger for the BÃ¸lling warm event. Geology, 2008, 36, 919.	2.0	41
133	Seasonal and interannual pigment concentration in the Canary Islands region from CZCS data and comparison with observations from the ESTOC. International Journal of Remote Sensing, 1999, 20, 1419-1433.	1.3	40
134	Brunhes-Matuyama Boundary: 790 k.y. date consistent with ODP Leg 130 oxygen isotope records based on fit to Milankovitch Template. Geophysical Research Letters, 1995, 22, 1525-1528.	1.5	39
135	A high resolution camera system (ParCa) for imaging particles in the ocean: System design and results from profiles and a three-month deployment. Journal of Marine Research, 1996, 54, 589-603.	0.3	39
136	Invasion of anthropogenic CO2 recorded in planktonic foraminifera from the northern Gulf of Aqaba. International Journal of Earth Sciences, 2004, 93, 1066-1076.	0.9	39
137	NW African hydrology and vegetation during the Last Glacial cycle reflected in plant-wax-specific hydrogen and carbon isotopes. Quaternary Science Reviews, 2013, 82, 56-67.	1.4	39
138	Mid-Holocene stable isotope record of corals from the northern Red Sea. International Journal of Earth Sciences, 2000, 88, 742-751.	0.9	38
139	Deep ocean mass fluxes in the coastal upwelling off Mauritania from 1988 to 2012: variability on seasonal to decadal timescales. Biogeosciences, 2016, 13, 3071-3090.	1.3	38
140	Different precipitation patterns across tropical South America during Heinrich and Dansgaard-Oeschger stadials. Quaternary Science Reviews, 2017, 177, 1-9.	1.4	37
141	Late Quaternary Î´13C gradients and carbonate accumulation in the western equatorial Atlantic. Earth and Planetary Science Letters, 1998, 155, 237-249.	1.8	36
142	Short-term sedimentation pulses recorded with a fluorescence sensor and sediment traps at 9-m depth in the Canary basin. Limnology and Oceanography, 1996, 41, 1354-1359.	1.6	35
143	Seafloor Displacement After the 2011 Tohokuâ€oki Earthquake in the Northern Japan Trench Examined by Repeated Bathymetric Surveys. Geophysical Research Letters, 2017, 44, 11,833.	1.5	35
144	Depth-related timing of density band formation in Pontes spp. corals from the Red Sea inferred from X-ray chronology and stable isotope composition. Marine Ecology - Progress Series, 1993, 97, 99-104.	0.9	35

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145	Spatial variations in euphotic zone nitrate utilization based on Î´ 15 N in surface sediments. Geo-Marine Letters, 1998, 18, 58-65.	0.5	34
146	Sea-surface temperature variability in the 16th century at Bermuda inferred from coral records. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 179, 159-171.	1.0	34
147	Stable oxygen isotopes in Porites corals monitor weekly temperature variations in the northern Gulf of Aqaba, Red Sea. Coral Reefs, 2003, 22, 346-356.	0.9	34
148	Seasonal pteropod sedimentation in the Norwegian Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 1990, 79, 129-147.	1.0	33
149	Response of the tropical Atlantic thermocline to Late Quaternary Trade Wind changes. Paleoceanography, 1999, 14, 374-383.	3.0	33
150	The South Atlantic. , 1996, , .		33
151	Oscillations of the siliceous imprint in the central Benguela Upwelling System from MIS 3 through to the early Holocene: the influence of the Southern Ocean. Journal of Quaternary Science, 2003, 18, 733-743.	1.1	32
152	Carbon isotopes in organic matter from a benthic alga Halimeda incrassata (Bermuda): Effects of light intensity. Chemical Geology: Isotope Geoscience Section, 1986, 59, 321-326.	0.7	31
153	Clay-mineral flux in the Fram Strait and Norwegian Sea. Marine Geology, 1994, 116, 327-345.	0.9	31
154	North Atlantic climate variability since AD 1350 recorded in Î´ 18 O and skeletal density of Bermuda corals. International Journal of Earth Sciences, 2000, 88, 733-741.	0.9	31
155	Seasonal variability of Î´15N in sinking particles in the Benguela upwelling region. Deep-Sea Research Part I: Oceanographic Research Papers, 2002, 49, 377-394.	0.6	31
156	Temporal variability of fluxes of eolian-transported freshwater diatoms, phytoliths, and pollen grains off Cape Blanc as reflection of land-atmosphere-ocean interactions in northwest Africa. Journal of Geophysical Research, 2003, 108, .	3.3	31
157	Late Quaternary variations of sea surface salinity and temperature in the western tropical Atlantic: Evidence from Î´18O ofGlobigerinoides sacculifer. Paleoceanography, 1997, 12, 764-772.	3.0	30
158	Interannual variability (1988-1991) of siliceous phytoplankton fluxes off northwest Africa. Journal of Plankton Research, 2002, 24, 1035-1046.	0.8	30
159	Siliceous phytoplankton of the western equatorial Atlantic: sediment traps and surface sediments. Deep-Sea Research Part II: Topical Studies in Oceanography, 2000, 47, 1939-1959.	0.6	29
160	Seasonal sedimentation and stable isotope records of pteropods off Cap Blanc. Marine Geology, 1993, 113, 305-320.	0.9	28
161	Carbon isotopic composition of the C37:2alkenone in core top sediments of the South Atlantic Ocean: Effects of CO2and nutrient concentrations. Global Biogeochemical Cycles, 2002, 16, 12-1-12-12.	1.9	28
162	Seasonal variation in the flux of microplankton and radiolarian assemblage compositions in the northeastern tropical Atlantic at 2,195 m. Limnology and Oceanography, 1996, 41, 615-635.	1.6	26

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