

Gert-Jan Reichart

List of Publications by Year in descending order

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250
papers

12,576
citations

23567

58
h-index

39675

94
g-index

280
all docs

280
docs citations

280
times ranked

10077
citing authors

#	ARTICLE	IF	CITATIONS
1	Subtropical Arctic Ocean temperatures during the Palaeocene/Eocene thermal maximum. <i>Nature</i> , 2006, 441, 610-613.	27.8	578
2	Early Palaeogene temperature evolution of the southwest Pacific Ocean. <i>Nature</i> , 2009, 461, 776-779.	27.8	325
3	Tetraether membrane lipid distributions in water-column particulate matter and sediments: a study of 47 European lakes along a north-south transect. <i>Journal of Paleolimnology</i> , 2009, 41, 523-540.	1.6	324
4	Environmental precursors to rapid light carbon injection at the Palaeocene/Eocene boundary. <i>Nature</i> , 2007, 450, 1218-1221.	27.8	296
5	Temporal variability in the northern Arabian Sea oxygen minimum zone (OMZ) during the last 225,000 years. <i>Paleoceanography</i> , 1998, 13, 607-621.	3.0	265
6	Global prevalence of methane oxidation by symbiotic bacteria in peat-moss ecosystems. <i>Nature Geoscience</i> , 2010, 3, 617-621.	12.9	227
7	Niche segregation of ammonia-oxidizing archaea and anammox bacteria in the Arabian Sea oxygen minimum zone. <i>ISME Journal</i> , 2011, 5, 1896-1904.	9.8	214
8	Biom mineralization in perforate foraminifera. <i>Earth-Science Reviews</i> , 2014, 135, 48-58.	9.1	193
9	Definition of new trace-metal proxies for the controls on organic matter enrichment in marine sediments based on Mn, Co, Mo and Cd concentrations. <i>Chemical Geology</i> , 2016, 441, 235-245.	3.3	185
10	Transient Middle Eocene Atmospheric CO ₂ and Temperature Variations. <i>Science</i> , 2010, 330, 819-821.	12.6	179
11	Atmospheric Carbon Injection Linked to End-Triassic Mass Extinction. <i>Science</i> , 2011, 333, 430-434.	12.6	174
12	Eustatic variations during the Paleocene-Eocene greenhouse world. <i>Paleoceanography</i> , 2008, 23, .	3.0	167
13	Warm and wet conditions in the Arctic region during Eocene Thermal Maximum 2. <i>Nature Geoscience</i> , 2009, 2, 777-780.	12.9	167
14	The influence of oxic degradation on the sedimentary biomarker record II. Evidence from Arabian Sea sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 2737-2754.	3.9	162
15	Bromine counts from XRF scanning as an estimate of the marine organic carbon content of sediment cores. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	158
16	Benthic foraminifera as proxies of organic matter flux and bottom water oxygenation? A case history from the northern Arabian Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 161, 337-359.	2.3	144
17	Dependence of calcite growth rate and Sr partitioning on solution stoichiometry: Non-Kossel crystal growth. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2240-2249.	3.9	140
18	Single foraminiferal test chemistry records the marine environment. <i>Geology</i> , 2003, 31, 355.	4.4	139

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19	A CO ₂ decrease-driven cooling and increased latitudinal temperature gradient during the mid-Cretaceous Oceanic Anoxic Event 2. <i>Earth and Planetary Science Letters</i> , 2010, 293, 97-103.	4.4	137
20	Dust from the dark region in the western ablation zone of the Greenland ice sheet. <i>Cryosphere</i> , 2011, 5, 589-601.	3.9	132
21	A 225 kyr record of dust supply, paleoproductivity and the oxygen minimum zone from the Murray Ridge (northern Arabian Sea). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1997, 134, 149-169.	2.3	129
22	Sedimentation Pulse in the NE Gulf of Mexico following the 2010 DWH Blowout. <i>PLoS ONE</i> , 2015, 10, e0132341.	2.5	126
23	Southern ocean warming, sea level and hydrological change during the Paleocene-Eocene thermal maximum. <i>Climate of the Past</i> , 2011, 7, 47-61.	3.4	118
24	Benthic foraminiferal response to variations in surface water productivity and oxygenation in the northern Arabian Sea. <i>Marine Micropaleontology</i> , 1998, 35, 43-66.	1.2	117
25	Warming, euxinia and sea level rise during the Paleocene–Eocene Thermal Maximum on the Gulf Coastal Plain: implications for ocean oxygenation and nutrient cycling. <i>Climate of the Past</i> , 2014, 10, 1421-1439.	3.4	115
26	Impact of seawater $\delta^{13}C$ and $\delta^{18}O$ on calcification and Mg/Ca and Sr/Ca ratios in benthic foraminifera calcite: results from culturing experiments with <i>Ammonia tepida</i> . <i>Biogeosciences</i> , 2010, 7, 81-93.	3.3	114
27	Extreme warmth and heat-stressed plankton in the tropics during the Paleocene-Eocene Thermal Maximum. <i>Science Advances</i> , 2017, 3, e1600891.	10.3	113
28	Proton pumping accompanies calcification in foraminifera. <i>Nature Communications</i> , 2017, 8, 14145.	12.8	111
29	Branched glycerol dialkyl glycerol tetraethers in lake sediments: Can they be used as temperature and pH proxies?. <i>Organic Geochemistry</i> , 2010, 41, 1225-1234.	1.8	107
30	The impact of salinity on the Mg/Ca and Sr/Ca ratio in the benthic foraminifera <i>Ammonia tepida</i> : Results from culture experiments. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 928-940.	3.9	106
31	Phosphorus burial as a function of paleoproductivity and redox conditions in Arabian Sea sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 919-931.	3.9	100
32	Effect of salinity and seawater calcite saturation state on Mg and Sr incorporation in cultured planktonic foraminifera. <i>Marine Micropaleontology</i> , 2009, 73, 178-189.	1.2	97
33	Sedimentary phosphorus and iron cycling in and below the oxygen minimum zone of the northern Arabian Sea. <i>Biogeosciences</i> , 2012, 9, 2603-2624.	3.3	95
34	A perturbed hydrological cycle during Oceanic Anoxic Event 2. <i>Geology</i> , 2014, 42, 123-126.	4.4	94
35	Enhanced preservation of organic matter in sediments deposited within the oxygen minimum zone in the northeastern Arabian Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1999, 46, 807-830.	1.4	93
36	Detection, Isolation, and Characterization of Acidophilic Methanotrophs from Sphagnum Mosses. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5643-5654.	3.1	93

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37	A novel salinity proxy based on Na incorporation into foraminiferal calcite. <i>Biogeosciences</i> , 2013, 10, 6375-6387.	3.3	90
38	Australian tropical cyclone activity lower than at any time over the past 550â€“1,500 years. <i>Nature</i> , 2014, 505, 667-671.	27.8	87
39	Incorporation of Mg and Sr in calcite of cultured benthic foraminifera: impact of calcium concentration and associated calcite saturation state. <i>Biogeosciences</i> , 2010, 7, 869-881.	3.3	86
40	Bacteriohopanepolyol signatures as markers for methanotrophic bacteria in peat moss. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 52-61.	3.9	83
41	Selenium as paleo-oceanographic proxy: A first assessment. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 89, 302-317.	3.9	80
42	Holocene seasonal sea-surface temperature variations in the southern Adriatic Sea inferred from a multiproxy approach. <i>Journal of Quaternary Science</i> , 2003, 18, 723-732.	2.1	78
43	Reconstruction of water column anoxia in the equatorial Atlantic during the Cenomanianâ€“Turonian oceanic anoxic event using biomarker and trace metal proxies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 489-498.	2.3	77
44	Heavy metal incorporation in foraminiferal calcite: results from multi-element enrichment culture experiments with <i>Ammonia tepida</i> . <i>Biogeosciences</i> , 2010, 7, 2339-2350.	3.3	76
45	Fossilized glycolipids reveal past oceanic N ₂ fixation by heterocystous cyanobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19190-19194.	7.1	76
46	An interlaboratory study of TEX ₈₆ and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
47	Intact polar and core glycerol dibiphytanyl glycerol tetraether lipids in the Arabian Sea oxygen minimum zone. Part II: Selective preservation and degradation in sediments and consequences for the TEX ₈₆ . <i>Geochimica Et Cosmochimica Acta</i> , 2012, 98, 244-258.	3.9	70
48	Late Quaternary <i>Protoperidinium</i> cysts as indicators of paleoproductivity in the northern Arabian Sea. <i>Marine Micropaleontology</i> , 2003, 49, 303-315.	1.2	69
49	The Eocene Arctic <i>Azolla</i> bloom: environmental conditions, productivity and carbon drawdown. <i>Geobiology</i> , 2009, 7, 155-170.	2.4	68
50	Persistent monsoonal forcing of Mediterranean Outflow Water dynamics during the late Pleistocene. <i>Geology</i> , 2015, 43, 951-954.	4.4	67
51	Trends in element incorporation in hyaline and porcelaneous foraminifera as a function of $\delta^{13}C_{org}$ and $\delta^{15}N_{org}$. <i>Biogeosciences</i> , 2017, 14, 497-510.	3.3	67
52	Precession phasing offset between Indian summer monsoon and Arabian Sea productivity linked to changes in Atlantic overturning circulation. <i>Paleoceanography</i> , 2010, 25, .	3.0	66
53	Asian monsoons and aridification response to Paleogene sea retreat and Neogene westerly shielding indicated by seasonality in <i>Paratethys</i> oysters. <i>Earth and Planetary Science Letters</i> , 2018, 485, 99-110.	4.4	66
54	A 26 million year gap in the central Arctic record at the greenhouseâ€“icehouse transition: Looking for clues. <i>Paleoceanography</i> , 2008, 23, .	3.0	65

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55	Approaches to unravel seasonality in sea surface temperatures using paired single-specimen foraminiferal $\delta^{18}O$ and Mg/Ca analyses. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	63
56	Live (Rose Bengal stained) foraminiferal faunas from the northern Arabian Sea: faunal succession within and below the OMZ. <i>Biogeosciences</i> , 2014, 11, 1155-1175.	3.3	63
57	A high resolution study of trace elements and stable isotopes in oyster shells to estimate Central Asian Middle Eocene seasonality. <i>Chemical Geology</i> , 2014, 363, 200-212.	3.3	62
58	Astronomical age constraints and extinction mechanisms of the Late Triassic Carnian crisis. <i>Scientific Reports</i> , 2017, 7, 2557.	3.3	61
59	Incorporation of uranium in benthic foraminiferal calcite reflects seawater carbonate ion concentration. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 102-111.	2.5	60
60	Paleocene–Eocene warming and biotic response in the epicontinental West Siberian Sea. <i>Geology</i> , 2014, 42, 767-770.	4.4	59
61	Temperature-Induced Increase in Methane Release from Peat Bogs: A Mesocosm Experiment. <i>PLoS ONE</i> , 2012, 7, e39614.	2.5	59
62	A combined lipidomic and 16S rRNA gene amplicon sequencing approach reveals archaeal sources of intact polar lipids in the stratified Black Sea water column. <i>Geobiology</i> , 2019, 17, 91-109.	2.4	58
63	Modeling the influence of a reduced equator-to-pole sea surface temperature gradient on the distribution of water isotopes in the Early/Middle Eocene. <i>Earth and Planetary Science Letters</i> , 2010, 298, 57-65.	4.4	57
64	Seasonal changes in glycerol dialkyl glycerol tetraether concentrations and fluxes in a perialpine lake: Implications for the use of the TEX86 and BIT proxies. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6416-6428.	3.9	57
65	Impact of the Messinian Salinity Crisis on Black Sea hydrology—Insights from hydrogen isotopes analysis on biomarkers. <i>Earth and Planetary Science Letters</i> , 2013, 362, 272-282.	4.4	57
66	Lipid Yield and Composition of <i>Azolla filiculoides</i> and the Implications for Biodiesel Production. <i>Bioenergy Research</i> , 2016, 9, 369-377.	3.9	57
67	Foraminiferal Mg/Ca increase in the Caribbean during the Pliocene: Western Atlantic Warm Pool formation, salinity influence, or diagenetic overprint?. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	56
68	Salinity controls on Na incorporation in Red Sea planktonic foraminifera. <i>Paleoceanography</i> , 2016, 31, 1562-1582.	3.0	56
69	Copper incorporation in foraminiferal calcite: results from culturing experiments. <i>Biogeosciences</i> , 2007, 4, 493-504.	3.3	54
70	Microbial bioavailability regulates organic matter preservation in marine sediments. <i>Biogeosciences</i> , 2013, 10, 1131-1141.	3.3	54
71	Oxygen and carbon isotope signatures in late Neogene horse teeth from Spain and application as temperature and seasonality proxies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 274, 64-81.	2.3	50
72	Interindividual variability and ontogenetic effects on Mg and Sr incorporation in the planktonic foraminifer <i>Globigerinoides sacculifer</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 520-532.	3.9	50

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73	Interannual climate variability in the Miocene: High resolution trace element and stable isotope ratios in giant clams. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 306, 75-81.	2.3	50
74	Variability in calcitic Mg/Ca and Sr/Ca ratios in clones of the benthic foraminifer <i>Ammonia tepida</i> . <i>Marine Micropaleontology</i> , 2014, 107, 32-43.	1.2	50
75	How dry was the Mediterranean during the Messinian salinity crisis?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 471, 120-133.	2.3	50
76	Hyperstratification following glacial overturning events in the northern Arabian Sea. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	49
77	Sources and proxy potential of long chain alkyl diols in lacustrine environments. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 144, 59-71.	3.9	49
78	Effect of the fluorescent indicator calcein on Mg and Sr incorporation into foraminiferal calcite. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	48
79	Independent impacts of calcium and carbonate ion concentration on Mg and Sr incorporation in cultured benthic foraminifera. <i>Marine Micropaleontology</i> , 2011, 81, 122-130.	1.2	48
80	Effect of different seawater Mg ²⁺ concentrations on calcification in two benthic foraminifers. <i>Marine Micropaleontology</i> , 2014, 113, 56-64.	1.2	48
81	Profiling planktonic foraminiferal crust formation. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2409-2430.	2.5	48
82	Growing <i>Azolla</i> to produce sustainable protein feed: the effect of differing species and CO ₂ concentrations on biomass productivity and chemical composition. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 4759-4768.	3.5	48
83	Sedimentary trace element records over the last 200 kyr from within and below the northern Arabian Sea oxygen minimum zone. <i>Marine Geology</i> , 2006, 231, 69-88.	2.1	46
84	Exploring foraminiferal Sr/Ca as a new carbonate system proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 202, 374-386.	3.9	46
85	Ocean Acidification Reduces Growth and Calcification in a Marine Dinoflagellate. <i>PLoS ONE</i> , 2013, 8, e65987.	2.5	46
86	Latitudinal differences in the amplitude of the OAE-2 carbon isotopic excursion: $\delta^{13}C_{org}$ and paleo productivity. <i>Biogeosciences</i> , 2012, 9, 717-731.	3.3	45
87	Combining benthic foraminiferal ecology and shell Mn/Ca to deconvolve past bottom water oxygenation and paleoproductivity. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 165, 294-306.	3.9	44
88	Pre-breakup magmatism on the VÃrÃng Margin: Insight from new sub-basalt imaging and results from Ocean Drilling Program Hole 642E. <i>Tectonophysics</i> , 2016, 675, 258-274.	2.2	44
89	Short-time-scale variability in ventilation and export productivity during the formation of Mediterranean sapropel S1. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	43
90	Lipids of symbiotic methane-oxidizing bacteria in peat moss studied using stable carbon isotopic labelling. <i>Organic Geochemistry</i> , 2010, 41, 1040-1044.	1.8	43

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91	Impact of the Atlantic Warm Pool on precipitation and temperature in Florida during North Atlantic cold spells. <i>Climate Dynamics</i> , 2011, 36, 109-118.	3.8	43
92	Metabolic Adaptation, a Specialized Leaf Organ Structure and Vascular Responses to Diurnal N ₂ Fixation by <i>Nostoc azollae</i> Sustain the Astonishing Productivity of <i>Azolla</i> Ferns without Nitrogen Fertilizer. <i>Frontiers in Plant Science</i> , 2017, 8, 442.	3.6	43
93	Evidence for active El Niño Southern Oscillation variability in the Late Miocene greenhouse climate. <i>Geology</i> , 2010, 38, 419-422.	4.4	42
94	Is there foul play in the leaf pocket? The metagenome of floating fern <i>Azolla</i> reveals endophytes that do not fix N ₂ but may denitrify. <i>New Phytologist</i> , 2018, 217, 453-466.	7.3	42
95	Element banding and organic linings within chamber walls of two benthic foraminifera. <i>Scientific Reports</i> , 2019, 9, 3598.	3.3	42
96	Environmental factors influencing benthic communities in the oxygen minimum zones on the Angolan and Namibian margins. <i>Biogeosciences</i> , 2019, 16, 4337-4356.	3.3	42
97	Sedimentary pyrite formation in the Arabian Sea. <i>Marine Geology</i> , 2002, 185, 393-402.	2.1	41
98	Late Pliocene climate variability on Milankovitch to millennial time scales: A high-resolution study of MIS100 from the Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 228, 338-360.	2.3	41
99	Effects of chemical pretreatments on $\delta^{18}O$ measurements, chemical composition, and morphology of chironomid head capsules. <i>Journal of Paleolimnology</i> , 2010, 43, 857-872.	1.6	41
100	Anammox bacterial populations in deep marine hypersaline gradient systems. <i>Extremophiles</i> , 2013, 17, 289-299.	2.3	41
101	Multiple water isotope proxy reconstruction of extremely low last glacial temperatures in Eastern Beringia (Western Arctic). <i>Quaternary Science Reviews</i> , 2016, 137, 113-125.	3.0	41
102	Synchronicity of oxygen minimum zone intensity on the Oman and Pakistan Margins at sub-Milankovitch time scales. <i>Marine Geology</i> , 2002, 185, 403-415.	2.1	40
103	Multi-proxy reconstruction of surface water pCO ₂ in the northern Arabian Sea since 29ka. <i>Earth and Planetary Science Letters</i> , 2010, 295, 49-57.	4.4	40
104	Black Sea desiccation during the Messinian Salinity Crisis: Fact or fiction?. <i>Geology</i> , 2014, 42, 563-566.	4.4	40
105	Late Holocene sea-level rise in Tampa Bay: Integrated reconstruction using biomarkers, pollen, organic-walled dinoflagellate cysts, and diatoms. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 86, 216-224.	2.1	39
106	Organic matter provenance, palaeoproductivity and bottom water anoxia during the Cenomanian/Turonian oceanic anoxic event in the Newfoundland Basin (northern proto North Atlantic). <i>Journal of Paleolimnology</i> , 2010, 43, 857-872.	1.6	39
107	Chironomid $\delta^{18}O$ as a proxy for past lake water $\delta^{18}O$: a Lateglacial record from Rotsee (Switzerland). <i>Quaternary Science Reviews</i> , 2010, 29, 2271-2279.	3.0	38
108	Mid- to late-Holocene coastal environmental changes in southwest Florida, USA. <i>Holocene</i> , 2012, 22, 929-938.	1.7	38

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109	LIVING (STAINED) DEEP-SEA FORAMINIFERA OFF HACHINOHE (NE JAPAN, WESTERN PACIFIC): ENVIRONMENTAL INTERPLAY IN OXYGEN-DEPLETED ECOSYSTEMS. <i>Journal of Foraminiferal Research</i> , 2014, 44, 281-299.	0.5	38
110	Climate variability in the SW Indian Ocean from an 8000-yr long multi-proxy record in the Mauritian lowlands shows a middle to late Holocene shift from negative IOD-state to ENSO-state. <i>Quaternary Science Reviews</i> , 2014, 86, 175-189.	3.0	38
111	Tropical Atlantic climate and ecosystem regime shifts during the Paleocene–Eocene Thermal Maximum. <i>Climate of the Past</i> , 2018, 14, 39-55.	3.4	38
112	Early diagenetic overprint in Caribbean sediment cores and its effect on the geochemical composition of planktonic foraminifera. <i>Biogeosciences</i> , 2007, 4, 957-973.	3.3	37
113	Strontium isotope ratios of the Eastern Paratethys during the Mio-Pliocene transition; Implications for interbasinal connectivity. <i>Earth and Planetary Science Letters</i> , 2010, 292, 123-131.	4.4	37
114	Fractionation of hydrogen, oxygen and carbon isotopes in n-alkanes and cellulose of three Sphagnum species. <i>Organic Geochemistry</i> , 2010, 41, 1277-1284.	1.8	37
115	New insights into upper MOW variability over the last 150kyr from IODP 339 Site U1386 in the Gulf of Cadiz. <i>Marine Geology</i> , 2016, 377, 136-145.	2.1	37
116	Sulfur in foraminiferal calcite as a potential proxy for seawater carbonate ion concentration. <i>Earth and Planetary Science Letters</i> , 2017, 470, 64-72.	4.4	37
117	Glendonites track methane seepage in Mesozoic polar seas. <i>Geology</i> , 2017, 45, 503-506.	4.4	37
118	Impact of salinity on element incorporation in two benthic foraminiferal species with contrasting magnesium contents. <i>Biogeosciences</i> , 2018, 15, 2205-2218.	3.3	37
119	High Arabian Sea productivity conditions during MIS 13 – odd monsoon event or intensified overturning circulation at the end of the Mid-Pleistocene transition?. <i>Climate of the Past</i> , 2010, 6, 63-76.	3.4	36
120	Reconstructing the seafloor environment during sapropel formation using benthic foraminiferal trace metals, stable isotopes, and sediment composition. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	36
121	Metabarcoding Insights Into the Trophic Behavior and Identity of Intertidal Benthic Foraminifera. <i>Frontiers in Microbiology</i> , 2019, 10, 1169.	3.5	36
122	Biomarker lipids of the freshwater fern <i>Azolla</i> and its fossil counterpart from the Eocene Arctic Ocean. <i>Organic Geochemistry</i> , 2009, 40, 628-637.	1.8	35
123	Encrustation and trace element composition of <i>Neogloboquadrina dutertrei</i> ; assessed from single chamber analyses – implications for paleotemperature estimates. <i>Biogeosciences</i> , 2012, 9, 4851-4860.	3.3	35
124	Oxygen minimum zone controlled Mn redistribution in Arabian Sea sediments during the late Quaternary. <i>Paleoceanography</i> , 2002, 17, 10-1-10-12.	3.0	34
125	A reappraisal of the vital effect in cultured benthic foraminifer <i>Bulimina marginata</i> ; on Mg/Ca values: assessing temperature uncertainty relationships. <i>Biogeosciences</i> , 2012, 9, 3693-3704.	3.3	34
126	High resolution geochemical and grain-size analysis of the AD 1755 tsunami deposit: Insights into the inland extent and inundation phases. <i>Marine Geology</i> , 2017, 390, 94-105.	2.1	34

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127	A TEX ₈₆ lake record suggests simultaneous shifts in temperature in Central Europe and Greenland during the last deglaciation. <i>Geophysical Research Letters</i> , 2013, 40, 948-953.	4.0	33
128	Unexpected biotic resilience on the Japanese seafloor caused by the 2011 T�hoku-Oki tsunami. <i>Scientific Reports</i> , 2014, 4, 7517.	3.3	33
129	Large effect of irradiance on hydrogen isotope fractionation of alkenones in <i>Emiliania huxleyi</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2015, 160, 16-24.	3.9	33
130	Widespread Warming Before and Elevated Barium Burial During the Paleocene�Eocene Thermal Maximum: Evidence for Methane Hydrate Release?. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 546-566.	2.9	33
131	Molecular fossil evidence for anaerobic ammonium oxidation in the Arabian Sea over the last glacial cycle. <i>Paleoceanography</i> , 2009, 24, .	3.0	32
132	Characterization of phosphorus species in sediments from the Arabian Sea oxygen minimum zone: Combining sequential extractions and X-ray spectroscopy. <i>Marine Chemistry</i> , 2015, 168, 1-8.	2.3	32
133	Impacts of pH and [CO ₂ ˆ] on the incorporation of Zn in foraminiferal calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 197, 263-277.	3.9	32
134	Freshwater discharge controlled deposition of Cenomanian�Turonian black shales on the NW European epicontinental shelf (Wunstorf, northern Germany). <i>Climate of the Past</i> , 2015, 11, 495-508.	3.4	31
135	Seasonality variations in the Central Mediterranean during climate change events in the Late Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 418, 304-318.	2.3	31
136	Temperature calibration of Mg/Ca ratios in the intermediate water benthic foraminifer <i>Hyalinea balthica</i> . <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	2.5	30
137	Incorporation of Mg and Sr and oxygen and carbon stable isotope fractionation in cultured <i>Ammonia tepida</i> . <i>Marine Micropaleontology</i> , 2012, 92-93, 16-28.	1.2	30
138	Benthic foraminifera from the deep-water Niger delta (Gulf of Guinea): Assessing present-day and past activity of hydrate pockmarks. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 94, 87-106.	1.4	30
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