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	Restoration experiments in polymetallic nodule areas. Integrated Environmental Assessment and Management, 2022, 18, 682-696.	2.9	6
2	High precipitation rates characterize biomineralization in the benthic foraminifer Ammonia beccarii. Geochimica Et Cosmochimica Acta, 2022, 318, 70-82.	3.9	13
3	Biomarkers reveal two paramount Pliocene-Pleistocene connectivity events in the Caspian Sea Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 587, 110802.	2.3	1
4	New Calcium Carbonate Nanoâ€particulate Pressed Powder Pellet (NFHSâ€2â€NP) for LAâ€ICPâ€OES, LAâ€(MC)â€ICPâ€MS and ÂµXRF. Geostandards and Geoanalytical Research, 2022, 46, 411-432.	3.1	6
5	Pliocene evolution of the tropical Atlantic thermocline depth. Climate of the Past, 2022, 18, 961-973.	3.4	1
6	Targeting the Mesolithic: Interdisciplinary approaches to archaeological prospection in the Brown Bank area, southern North Sea. Quaternary International, 2021, 584, 141-151.	1.5	10
7	Suitability of calibrated X-ray fluorescence core scanning for environmental geochemical characterisation of heterogeneous sediment cores. Applied Geochemistry, 2021, 125, 104824.	3.0	1
8	Iron Speciation in Fram Strait and Over the Northeast Greenland Shelf: An Inter-Comparison Study of Voltammetric Methods. Frontiers in Marine Science, 2021, 7, .	2.5	11
9	Longâ€term Observations Reveal Environmental Conditions and Food Supply Mechanisms at an Arctic Deepâ€Sea Sponge Ground. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016776.	2.6	10
10	Porewater <i>Î´</i>¹³C_{DOC} indicates variable extent of degradation in different talik layers of coastal Alaskan thermokarst lakes. Biogeosciences, 2021, 18, 2241-2258.	3.3	3
11	Suspended particulate matter in a submarine canyon (Whittard Canyon, Bay of Biscay, NE Atlantic) Tj ETQq1 1 0.784314 rgBT /Overlock 106439.	2.1	21
12	Temperature Impact on Magnesium Isotope Fractionation in Cultured Foraminifera. Frontiers in Earth Science, 2021, 9, .	1.8	5
13	Hydrological Changes in Restricted Basins: Insights From Strontium Isotopes on Late Mioceneâ€Pliocene Connectivity of the Eastern Paratethys (Dacian Basin, Romania). Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009369.	2.5	3
14	Sodium incorporation into inorganic CaCO3 and implications for biogenic carbonates. Geochimica Et Cosmochimica Acta, 2021, 314, 294-312.	3.9	12
15	Fe-binding organic ligands in coastal and frontal regions of the western Antarctic Peninsula. Biogeosciences, 2021, 18, 4587-4601.	3.3	7
16	Multi-isotopic and trace element evidence against different formation pathways for oyster microstructures. Geochimica Et Cosmochimica Acta, 2021, 308, 326-352.	3.9	13
17	Carbonate associated uranium isotopes as a novel local redox indicator in oxidatively disturbed reducing sediments. Geochimica Et Cosmochimica Acta, 2021, 311, 12-28.	3.9	12
18	Carbonic anhydrase is involved in calcification by the benthic foraminifer <i>Amphistegina lessonii</i>. Biogeosciences, 2021, 18, 393-401.	3.3	11

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19	Mgâˆ•Ca, Srâˆ•Ca and stable isotopes from the planktonic foraminifera <i>T. sacculifer</i>: testing a multi-proxy approach for inferring paleotemperature and paleosalinity. Biogeosciences, 2021, 18, 423-439.	3.3	5
20	Quantifying functional consequences of habitat degradation on a Caribbean coral reef. Biogeosciences, 2021, 18, 6501-6516.	3.3	7
21	Applicability of the Long Chain Diol Index (LDI) as a Sea Surface Temperature Proxy in the Arabian Sea. Paleoceanography and Paleoclimatology, 2021, 36, .	2.9	4
22	Impact of an artificial structure on the benthic community composition in the southern North Sea: assessed by a morphological and molecular approach. ICES Journal of Marine Science, 2020, 77, 1167-1177.	2.5	13
23	Paratethys pacing of the Messinian Salinity Crisis: Low salinity waters contributing to gypsum precipitation?. Earth and Planetary Science Letters, 2020, 532, 116029.	4.4	26
24	Mn Incorporation in Large Benthic Foraminifera: Differences Between Species and the Impact of pCO2. Frontiers in Earth Science, 2020, 8, .	1.8	5
25	A Warm, Stratified, and Restricted Labrador Sea Across the Middle Eocene and Its Climatic Optimum. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003932.	2.9	12
26	Intercomparison of XRF Core Scanning Results From Seven Labs and Approaches to Practical Calibration. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009248.	2.5	16
27	Earlyâ€Warning Signals for Marine Anoxic Events. Geophysical Research Letters, 2020, 47, e2020GL089183.	4.0	22
28	Joint inversion of proxy system models to reconstruct paleoenvironmental time series from heterogeneous data. Climate of the Past, 2020, 16, 65-78.	3.4	8
29	Influence of temperature on the Î´¹³C values and distribution of methanotrophâ€related hopanoids in Sphagnumâ€dominated peat bogs. Geobiology, 2020, 18, 497-507.	2.4	12
30	Late Miocene intensification of continentality in the Black Sea region. International Journal of Earth Sciences, 2020, 109, 831-846.	1.8	7
31	Patterns of (trace) metals and microorganisms in the Rainbow hydrothermal vent plume at the Mid-Atlantic Ridge. Biogeosciences, 2020, 17, 2499-2519.	3.3	12
32	Alkenone Distributions and Hydrogen Isotope Ratios Show Changes in Haptophyte Species and Source Water in the Holocene Baltic Sea. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008751.	2.5	10
33	Impact of an artificial structure on the benthic community composition in the southern North Sea: assessed by a morphological and molecular approach. ICES Journal of Marine Science, 2020, 77, 1247-1247.	2.5	1
34	Natural Fe-binding organic ligands in Fram Strait and over the northeast Greenland shelf. Marine Chemistry, 2020, 224, 103815.	2.3	16
35	A Molecular Approach to Explore the Background Benthic Fauna Around a Hydrothermal Vent and Their Larvae: Implications for Future Mining of Deep-Sea SMS Deposits. Frontiers in Marine Science, 2020, 7, .	2.5	10
36	Distribution of chlorine and fluorine in benthic foraminifera. Biogeosciences, 2020, 17, 4727-4743.	3.3	5

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37	Surface-circulation change in the southwest Pacific Ocean across the Middle Eocene Climatic Optimum: inferences from dinoflagellate cysts and biomarker paleothermometry. Climate of the Past, 2020, 16, 1667-1689.	3.4	17
38	Evaluation of oxygen isotopes and trace elements in planktonic foraminifera from the Mediterranean Sea as recorders of seawater oxygen isotopes and salinity. Climate of the Past, 2020, 16, 2401-2414.	3.4	12
39	Biomarker evidence for nitrogen-fixing cyanobacterial blooms in a brackish surface layer in the Nile River plume during sapropel deposition. Geology, 2019, 47, 1088-1092.	4.4	14
40	Evaluation and application of foraminiferal element/calcium ratios: Assessing riverine fluxes and environmental conditions during sapropel S1 in the Southeastern Mediterranean. Marine Micropaleontology, 2019, 153, 101783.	1.2	9
41	Enrichment of intracellular sulphur cycle â€“associated bacteria in intertidal benthic foraminifera revealed by 16S and aprA gene analysis. Scientific Reports, 2019, 9, 11692.	3.3	13
42	Planktonic foraminiferal spine versus shell carbonate Na incorporation in relation to salinity. Biogeosciences, 2019, 16, 1147-1165.	3.3	5
43	Coupled calcium and inorganic carbon uptake suggested by magnesium and sulfur incorporation in foraminiferal calcite. Biogeosciences, 2019, 16, 2115-2130.	3.3	18
44	Millennialâ€Scale Climate Variability and Dinoflagellateâ€Cystâ€Based Seasonality Changes Over the Last ~150 kyrs at â€œShackleton Siteâ€•U1385. Paleoceanography and Paleoclimatology, 2019, 34, 1139-1156.	2.9	6
45	Metabarcoding Insights Into the Trophic Behavior and Identity of Intertidal Benthic Foraminifera. Frontiers in Microbiology, 2019, 10, 1169.	3.5	36
46	A Novel Approach Using Timeâ€Depth Distortions to Assess Multicentennial Variability in Deepâ€Sea Oxygen Deficiency in the Eastern Mediterranean Sea During Sapropel S5. Paleoceanography and Paleoclimatology, 2019, 34, 774-786.	2.9	6
47	Comparing Seawater Temperature Proxy Records for the Past 90 Myrs From the Shallow Shelf Record Bass River, New Jersey. Paleoceanography and Paleoclimatology, 2019, 34, 455-475.	2.9	7
48	Widespread Warming Before and Elevated Barium Burial During the Paleoceneâ€Eocene Thermal Maximum: Evidence for Methane Hydrate Release?. Paleoceanography and Paleoclimatology, 2019, 34, 546-566.	2.9	33
49	Element banding and organic linings within chamber walls of two benthic foraminifera. Scientific Reports, 2019, 9, 3598.	3.3	42
50	Environmental factors influencing benthic communities in the oxygen minimum zones on the Angolan and Namibian margins. Biogeosciences, 2019, 16, 4337-4356.	3.3	42
51	Light Impacts Mg Incorporation in the Benthic Foraminifer Amphistegina lessonii. Frontiers in Marine Science, 2019, 6, .	2.5	2
52	Chemical Heterogeneity of Mg, Mn, Na, S, and Sr in Benthic Foraminiferal Calcite. Frontiers in Earth Science, 2019, 7, .	1.8	28
53	Trace metal analysis of sediment cores using a novel X-ray fluorescence core scanning method. Quaternary International, 2019, 514, 55-67.	1.5	20
54	Black Sea rivers capture significant change in catchment-wide mean annual temperature and soil pH during the Miocene-to-Pliocene transition. Global and Planetary Change, 2019, 172, 428-439.	3.5	11

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55	A combined lipidomic and 16S <scp>rRNA</scp> gene amplicon sequencing approach reveals archaeal sources of intact polar lipids in the stratified Black Sea water column. Geobiology, 2019, 17, 91-109.	2.4	58
56	pH Regulation and Tissue Coordination Pathways Promote Calcium Carbonate Bioerosion by Excavating Sponges. Scientific Reports, 2019, 9, 758.	3.3	6
57	Growing Azolla to produce sustainable protein feed: the effect of differing species and CO₂ concentrations on biomass productivity and chemical composition. Journal of the Science of Food and Agriculture, 2018, 98, 4759-4768.	3.5	48
58	Asian monsoons and aridification response to Paleogene sea retreat and Neogene westerly shielding indicated by seasonality in Paratethys oysters. Earth and Planetary Science Letters, 2018, 485, 99-110.	4.4	66
59	A Saltier Glacial Mediterranean Outflow. Paleoceanography and Paleoclimatology, 2018, 33, 179-197.	2.9	10
60	Cocos (Keeling) Corals Reveal 200ÂYears of Multidecadal Modulation of Southeast Indian Ocean Hydrology by Indonesian Throughflow. Paleoceanography and Paleoclimatology, 2018, 33, 48-60.	2.9	19
61	Variability in Î´13C values between individual Daphnia ephippia: Implications for palaeo-studies. Quaternary Science Reviews, 2018, 189, 127-133.	3.0	6
62	Changes in ultrastructural features of the foraminifera Ammonia spp. in response to anoxic conditions: Field and laboratory observations. Marine Micropaleontology, 2018, 138, 72-82.	1.2	23
63	Is there foul play in the leaf pocket? The metagenome of floating fern Azolla reveals endophytes that do not fix N₂ but may denitrify. New Phytologist, 2018, 217, 453-466.	7.3	42
64	Impact of salinity on element incorporation in two benthic foraminiferal species with contrasting magnesium contents. Biogeosciences, 2018, 15, 2205-2218.	3.3	37
65	Salinity control on Na incorporation into calcite tests of the planktonic foraminifera <i>Trilobatus sacculifer</i> â€“ evidence from culture experiments and surface sediments. Biogeosciences, 2018, 15, 5991-6018.	3.3	26
66	Manganese incorporation in living (stained) benthic foraminiferal shells: a bathymetric and in-sediment study in the Gulf of Lions (NW Mediterranean). Biogeosciences, 2018, 15, 6315-6328.	3.3	18
67	Ï‰20-Hydroxy and Ï‰9,Ï‰10-dihydroxy biomarker lipids in ferns from the Salviniaceae family. Organic Geochemistry, 2018, 125, 229-242.	1.8	2
68	Taphonomic and Ontogenetic Effects on Na/Ca and Mg/Ca in Spinose Planktonic Foraminifera From the Red Sea. Geochemistry, Geophysics, Geosystems, 2018, 19, 4174-4194.	2.5	13
69	Landâ€“sea coupling of early Pleistocene glacial cycles in the southern North Sea exhibit dominant Northern Hemisphere forcing. Climate of the Past, 2018, 14, 397-411.	3.4	15
70	Tropical Atlantic climate and ecosystem regime shifts during the Paleoceneâ€“Eocene Thermal Maximum. Climate of the Past, 2018, 14, 39-55.	3.4	38
71	Robust multi-proxy data integration, using late Cretaceous paleotemperature records as a case study. Earth and Planetary Science Letters, 2018, 500, 215-224.	4.4	24
72	Single-species dinoflagellate cyst carbon isotope ecology across the Paleocene-Eocene Thermal Maximum. Geology, 2018, 46, 79-82.	4.4	19

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73	In-situ incubation of a coral patch for community-scale assessment of metabolic and chemical processes on a reef slope. PeerJ, 2018, 6, e5966.	2.0	5
74	How dry was the Mediterranean during the Messinian salinity crisis?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 471, 120-133.	2.3	50
75	Proton pumping accompanies calcification in foraminifera. Nature Communications, 2017, 8, 14145.	12.8	111
76	Extreme warmth and heat-stressed plankton in the tropics during the Paleocene-Eocene Thermal Maximum. Science Advances, 2017, 3, e1600891.	10.3	113
77	The influence of oxygen exposure time on the composition of macromolecular organic matter as revealed by surface sediments on the Murray Ridge (Arabian Sea). Geochimica Et Cosmochimica Acta, 2017, 206, 40-56.	3.9	25
78	High resolution geochemical and grain-size analysis of the AD 1755 tsunami deposit: Insights into the inland extent and inundation phases. Marine Geology, 2017, 390, 94-105.	2.1	34
79	Sulfur in foraminiferal calcite as a potential proxy for seawater carbonate ion concentration. Earth and Planetary Science Letters, 2017, 470, 64-72.	4.4	37
80	Towards reconstructing ancient seawater Mg/Ca by combining porcelaneous and hyaline foraminiferal Mg/Ca-temperature calibrations. Geochimica Et Cosmochimica Acta, 2017, 211, 341-354.	3.9	6
81	Astronomical age constraints and extinction mechanisms of the Late Triassic Carnian crisis. Scientific Reports, 2017, 7, 2557.	3.3	61
82	Glendonites track methane seepage in Mesozoic polar seas. Geology, 2017, 45, 503-506.	4.4	37
83	2016 JOSEPH A. CUSHMAN AWARD TO HIROSHI KITAZATO. Journal of Foraminiferal Research, 2017, 47, 1-2.	0.5	0
84	The Impacts of Seawater Mg/Ca and Temperature on Element Incorporation in Benthic Foraminiferal Calcite. Geochemistry, Geophysics, Geosystems, 2017, 18, 3617-3630.	2.5	15
85	Comparison of qualitative and quantitative dinoflagellate cyst approaches in reconstructing glacial-interglacial climate variability at West Iberian Margin IODP â€˜Shackletonâ€™ Site U1385. Marine Micropaleontology, 2017, 136, 14-29.	1.2	10
86	Seasonal variability in phytoplankton stable carbon isotope ratios and bacterial carbon sources in a shallow Dutch lake. Limnology and Oceanography, 2017, 62, 2773-2787.	3.1	21
87	Sources of organic matter for bacteria in sediments of Lake Rotsee, Switzerland. Journal of Paleolimnology, 2017, 58, 391-402.	1.6	5
88	COMBINED IMPACTS OF OCEAN ACIDIFICATION AND DYSOXIA ON SURVIVAL AND GROWTH OF FOUR AGGLUTINATING FORAMINIFERA. Journal of Foraminiferal Research, 2017, 47, 294-303.	0.5	6
89	Impacts of pH and [CO32â˜] on the incorporation of Zn in foraminiferal calcite. Geochimica Et Cosmochimica Acta, 2017, 197, 263-277.	3.9	32
90	Stable carbon isotope analyses of nanogram quantities of particulate organic carbon (pollen) with laser ablation nano combustion gas chromatography/isotope ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 47-58.	1.5	21

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91	Exploring foraminiferal Sr/Ca as a new carbonate system proxy. Geochimica Et Cosmochimica Acta, 2017, 202, 374-386.	3.9	46
92	Microbial carbon processing in oligotrophic Lake Lucerne (Switzerland): results of in situ 13C-labelling studies. Biogeochemistry, 2017, 136, 131-149.	3.5	3
93	Metabolic Adaptation, a Specialized Leaf Organ Structure and Vascular Responses to Diurnal N2 Fixation by Nostoc azollae Sustain the Astonishing Productivity of Azolla Ferns without Nitrogen Fertilizer. Frontiers in Plant Science, 2017, 8, 442.	3.6	43
94	Combined Effects of Experimental Acidification and Eutrophication on Reef Sponge Bioerosion Rates. Frontiers in Marine Science, 2017, 4, .	2.5	28
95	Trends in element incorporation in hyaline and porcelaneous foraminifera as a function of <i>p</i>CO₂. Biogeosciences, 2017, 14, 497-510.	3.3	67
96	Benthic foraminiferal Mnâ€¯/â€¯Ca ratios reflect microhabitat preferences. Biogeosciences, 2017, 14, 3067-3082.	3.3	20
97	Ba incorporation in benthic foraminifera. Biogeosciences, 2017, 14, 3387-3400.	3.3	18
98	CO2-dependent carbon isotope fractionation in dinoflagellates relates to their inorganic carbon fluxes. Journal of Experimental Marine Biology and Ecology, 2016, 481, 9-14.	1.5	24
99	A late Holocene molecular hydrogen isotope record of the East Asian Summer Monsoon in Southwest Japan. Quaternary Research, 2016, 86, 287-294.	1.7	10
100	Sr partitioning in the benthic foraminifera Ammonia aomoriensis and Amphistegina lessonii. Chemical Geology, 2016, 440, 306-312.	3.3	12
101	Definition of new trace-metal proxies for the controls on organic matter enrichment in marine sediments based on Mn, Co, Mo and Cd concentrations. Chemical Geology, 2016, 441, 235-245.	3.3	185
102	Salinity controls on Na incorporation in Red Sea planktonic foraminifera. Paleoceanography, 2016, 31, 1562-1582.	3.0	56
103	Carbon flows in eutrophic Lake Rotsee: a 13C-labelling experiment. Biogeochemistry, 2016, 131, 147-162.	3.5	6
104	New insights into upper MOW variability over the last 150kyr from IODP 339 Site U1386 in the Gulf of Cadiz. Marine Geology, 2016, 377, 136-145.	2.1	37
105	The longâ€term impact of magnesium in seawater on foraminiferal mineralogy: Mechanism and consequences. Global Biogeochemical Cycles, 2016, 30, 438-446.	4.9	9
106	Multiple water isotope proxy reconstruction of extremely low last glacial temperatures in Eastern Beringia (Western Arctic). Quaternary Science Reviews, 2016, 137, 113-125.	3.0	41
107	Pre-breakup magmatism on the VÃ¸ring Margin: Insight from new sub-basalt imaging and results from Ocean Drilling Program Hole 642E. Tectonophysics, 2016, 675, 258-274.	2.2	44
108	Mg/Ca in fossil oyster shells as palaeotemperature proxy, an example from the Palaeogene of Central Asia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 611-626.	2.3	27

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109	Lipid Yield and Composition of Azolla filiculoides and the Implications for Biodiesel Production. Bioenergy Research, 2016, 9, 369-377.	3.9	57
110	Combined Effects of Ocean Acidification and Light or Nitrogen Availabilities on 13C Fractionation in Marine Dinoflagellates. PLoS ONE, 2016, 11, e0154370.	2.5	14
111	The impact of Mg contents on Sr partitioning in benthic foraminifers. Chemical Geology, 2015, 412, 92-98.	3.3	23
112	Freshwater discharge controlled deposition of Cenomanianâ€“Turonian black shales on the NW European epicontinental shelf (Wunstorf, northern Germany). Climate of the Past, 2015, 11, 495-508.	3.4	31
113	Impact of seawater [Ca²⁺] on the calcification and calciteMg / Ca of <i>Amphistegina lessonii</i>. Biogeosciences, 2015, 12, 2153-2162.	3.3	20
114	Sedimentation Pulse in the NE Gulf of Mexico following the 2010 DWH Blowout. PLoS ONE, 2015, 10, e0132341.	2.5	126
115	Reconciling single-chamber Mg / Ca with whole-shell Î´¹⁸O in surface to deep-dwelling planktonic foraminifera from the Mozambique Channel. Biogeosciences, 2015, 12, 2411-2429.	3.3	11
116	High-resolution line-scan analysis of resin-embedded sediments using laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS). Chemical Geology, 2015, 403, 42-51.	3.3	21
117	Elemental signature of terrigenous sediment runoff as recorded in coastal salt ponds: US Virgin Islands. Applied Geochemistry, 2015, 63, 573-585.	3.0	18
118	Recurrent phases of drought in the upper Miocene of the Black Sea region. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 423, 18-31.	2.3	29
119	Stable carbon isotope fractionation of organic cyst-forming dinoflagellates: Evaluating the potential for a CO2 proxy. Geochimica Et Cosmochimica Acta, 2015, 160, 267-276.	3.9	24
120	Combining benthic foraminiferal ecology and shell Mn/Ca to deconvolve past bottom water oxygenation and paleoproductivity. Geochimica Et Cosmochimica Acta, 2015, 165, 294-306.	3.9	44
121	Large effect of irradiance on hydrogen isotope fractionation of alkenones in Emiliania huxleyi. Geochimica Et Cosmochimica Acta, 2015, 160, 16-24.	3.9	33
122	Persistent monsoonal forcing of Mediterranean Outflow Water dynamics during the late Pleistocene. Geology, 2015, 43, 951-954.	4.4	67
123	Profiling planktonic foraminiferal crust formation. Geochemistry, Geophysics, Geosystems, 2015, 16, 2409-2430.	2.5	48
124	Seasonality variations in the Central Mediterranean during climate change events in the Late Holocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 418, 304-318.	2.3	31
125	Characterization of phosphorus species in sediments from the Arabian Sea oxygen minimum zone: Combining sequential extractions and X-ray spectroscopy. Marine Chemistry, 2015, 168, 1-8.	2.3	32
126	Live (Rose Bengal stained) foraminiferal faunas from the northern Arabian Sea: faunal succession within and below the OMZ. Biogeosciences, 2014, 11, 1155-1175.	3.3	63

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127	Black Sea desiccation during the Messinian Salinity Crisis: Fact or fiction?. Geology, 2014, 42, 563-566.	4.4	40
128	Effect of different seawater Mg2+ concentrations on calcification in two benthic foraminifers. Marine Micropaleontology, 2014, 113, 56-64.	1.2	48
129	Warming, euxinia and sea level rise during the Paleoceneâ€“Eocene Thermal Maximum on the Gulf Coastal Plain: implications for ocean oxygenation and nutrient cycling. Climate of the Past, 2014, 10, 1421-1439.	3.4	115
130	LIVING (STAINED) DEEP-SEA FORAMINIFERA OFF HACHINOHE (NE JAPAN, WESTERN PACIFIC): ENVIRONMENTAL INTERPLAY IN OXYGEN-DEPLETED ECOSYSTEMS. Journal of Foraminiferal Research, 2014, 44, 281-299.	0.5	38
131	Australian tropical cyclone activity lower than at any time over the past 550â€“1,500 years. Nature, 2014, 505, 667-671.	27.8	87
132	Paleoceneâ€“Eocene warming and biotic response in the epicontinental West Siberian Sea. Geology, 2014, 42, 767-770.	4.4	59
133	Sources and proxy potential of long chain alkyl diols in lacustrine environments. Geochimica Et Cosmochimica Acta, 2014, 144, 59-71.	3.9	49
134	Benthic foraminifera from the deep-water Niger delta (Gulf of Guinea): Assessing present-day and past activity of hydrate pockmarks. Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 94, 87-106.	1.4	30
135	Anti-cyclonic eddy imprint on calcite geochemistry of several planktonic foraminiferal species in the Mozambique Channel. Marine Micropaleontology, 2014, 113, 20-33.	1.2	20
136	Biomineralization in perforate foraminifera. Earth-Science Reviews, 2014, 135, 48-58.	9.1	193
137	Variability in calcitic Mg/Ca and Sr/Ca ratios in clones of the benthic foraminifer Ammonia tepida. Marine Micropaleontology, 2014, 107, 32-43.	1.2	50
138	Unusual C35 to C38 alkenones in mid-Holocene sediments from a restricted estuary (Charlotte Harbor,) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	11
139	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. Quaternary Science Reviews, 2014, 86, 175-189.	3.0	38
140	Comparison of soil derived tetraether membrane lipid distributions and plant-wax ÎD compositions for reconstruction of Canadian Arctic temperatures. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 404, 78-88.	2.3	13
141	A high resolution study of trace elements and stable isotopes in oyster shells to estimate Central Asian Middle Eocene seasonality. Chemical Geology, 2014, 363, 200-212.	3.3	62
142	A perturbed hydrological cycle during Oceanic Anoxic Event 2. Geology, 2014, 42, 123-126.	4.4	94
143	Unexpected biotic resilience on the Japanese seafloor caused by the 2011 TÅhoku-Oki tsunami. Scientific Reports, 2014, 4, 7517.	3.3	33
144	Anammox bacterial populations in deep marine hypersaline gradient systems. Extremophiles, 2013, 17, 289-299.	2.3	41

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145	Natural Environmental Changes versus Human Impact in a Florida Estuary (Rookery Bay, USA). Estuaries and Coasts, 2013, 36, 149-157.	2.2	9
146	Reconstructing tropical cyclone frequency using hydrogen isotope ratios of sedimentary n-alkanes in northern Queensland, Australia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 376, 66-72.	2.3	9
147	Impact of the Messinian Salinity Crisis on Black Sea hydrologyâ€"Insights from hydrogen isotopes analysis on biomarkers. Earth and Planetary Science Letters, 2013, 362, 272-282.	4.4	57
148	Molecular and isotopic composition of foraminiferal organic linings. Marine Micropaleontology, 2013, 102, 69-78.	1.2	26
149	A TEX₈₆ lake record suggests simultaneous shifts in temperature in Central Europe and Greenland during the last deglaciation. Geophysical Research Letters, 2013, 40, 948-953.	4.0	33
150	Unmixing of stable isotope signals using single specimen Î´¹⁸O analyses. Geochemistry, Geophysics, Geosystems, 2013, 14, 1312-1320.	2.5	14
151	Microbial bioavailability regulates organic matter preservation in marine sediments. Biogeosciences, 2013, 10, 1131-1141.	3.3	54
152	An interlaboratory study of TEX₈₆ and BIT analysis of sediments, extracts, and standard mixtures. Geochemistry, Geophysics, Geosystems, 2013, 14, 5263-5285.	2.5	76
153	Incorporation of uranium in benthic foraminiferal calcite reflects seawater carbonate ion concentration. Geochemistry, Geophysics, Geosystems, 2013, 14, 102-111.	2.5	60
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