Eelco J Rohling

List of Publications by Year
in descending order

201 papers	23,672 citations	8181 76 h-index	8396 147 g-index
218 all docs	218 docs citations	218 times ranked	18166 citing authors

#	Article	IF	Citations
1	Holocene climate variability. Quaternary Research, 2004, 62, 243-255.	1.7	1,994
2	Sea-level fluctuations during the last glacial cycle. Nature, 2003, 423, 853-858.	27.8	1,403
3	Postglacial connection of the Black Sea to the Mediterranean and its relation to the timing of sapropel formation. Paleoceanography, 1997, 12, 169-174.	3.0	862
4	Centennial-scale climate cooling with a sudden cold event around 8,200 years ago. Nature, 2005, 434, 975-979.	27.8	597
5	Magnitudes of sea-level lowstands of the past 500,000 years. Nature, 1998, 394, 162-165.	27.8	557
6	Constraints on the magnitude and patterns of ocean cooling at the Last Glacial Maximum. Nature Geoscience, 2009, 2, 127-132.	12.9	517
7	An Assessment of Earth's Climate Sensitivity Using Multiple Lines of Evidence. Reviews of Geophysics, 2020, 58, e2019RG000678.	23.0	498
8	Sea-level and deep-sea-temperature variability over the past 5.3 million years. Nature, 2014, 508, 477-482.	27.8	487
9	Rapid coupling between ice volume and polar temperature over the past 150,000â€‰years. Nature, 2012, 491, 744-747.	27.8	477
10	Assessing â€œDangerous Climate Changeâ€• Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. PLoS ONE, 2013, 8, e81648.	2.5	448
11	Antarctic temperature and global sea level closely coupled over the past five glacial cycles. Nature Geoscience, 2009, 2, 500-504.	12.9	432
12	Review and new aspects concerning the formation of eastern Mediterranean sapropels. Marine Geology, 1994, 122, 1-28.	2.1	416
13	Escape of methane gas from the seabed along the West Spitsbergen continental margin. Geophysical Research Letters, 2009, 36, .	4.0	406
14	Mediterranean climate and oceanography, and the periodic development of anoxic events (sapropels). Earth-Science Reviews, 2015, 143, 62-97.	9.1	377
15	High rates of sea-level rise during the last interglacial period. Nature Geoscience, 2008, 1, 38-42.	12.9	351
16	A Cenozoic record of the equatorial Pacific carbonate compensation depth. Nature, 2012, 488, 609-614.	27.8	342
17	Sea-level variability over five glacial cycles. Nature Communications, 2014, 5, 5076.	12.8	325
18	Three million years of monsoon variability over the northern Sahara. Climate Dynamics, 2003, 21, 689-698.	3.8	324

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19	Holocene atmosphere-ocean interactions: records from Greenland and the Aegean Sea. Climate Dynamics, 2002, 18, 587-593.	3.8	302
20	Plio-Pleistocene climate sensitivity evaluated using high-resolution CO2 records. Nature, 2015, 518, 49-54.	27.8	287
21	African monsoon variability during the previous interglacial maximum. Earth and Planetary Science Letters, 2002, 202, 61-75.	4.4	263
22	A humid corridor across the Sahara for the migration of early modern humans out of Africa 120,000 years ago. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16444-16447.	7.1	250
23	Making sense of palaeoclimate sensitivity. Nature, 2012, 491, 683-691.	27.8	247
24	Organic flux control on bathymetric zonation of Mediterranean benthic foraminifera. Marine Micropaleontology, 2000, 40, 151-166.	1.2	231
25	Late Quaternary changes in Mediterranean intermediate water density and formation rate. Paleoceanography, 1989, 4, 531-545.	3.0	229
26	Marine isotope stage 3 sea level fluctuations: Data synthesis and new outlook. Reviews of Geophysics, 2008, 46, .	23.0	229
27	Regional Synthesis of Mediterranean Atmospheric Circulation During the Last Glacial Maximum. Science, 2008, 321, 1338-1340.	12.6	214
28	Collapse of Classic Maya Civilization Related to Modest Reduction in Precipitation. Science, 2012, 335, 956-959.	12.6	205
29	Dynamics of Green Sahara Periods and Their Role in Hominin Evolution. PLoS ONE, 2013, 8, e76514.	2.5	200
30	Young people's burden: requirement of negative CO₂ emissions. Earth System Dynamics, 2017, 8, 577-616.	7.1	189
31	Sea-level probability for the last deglaciation: A statistical analysis of far-field records. Global and Planetary Change, 2011, 79, 193-203.	3.5	187
32	Manâ€induced salinity and temperature increases in western Mediterranean deep water. Journal of Geophysical Research, 1992, 97, 11191-11198.	3.3	185
33	Timing of meltwater pulse 1a and climate responses to meltwater injections. Paleoceanography, 2006, 21, .	3.0	181
34	Volcanic ash layers illuminate the resilience of Neanderthals and early modern humans to natural hazards. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13532-13537.	7.1	180
35	200 Year interruption of Holocene sapropel formation in the Adriatic Sea. Journal of Micropalaeontology, 1997, 16, 97-108.	3.6	171
36	A dynamic concept for eastern Mediterranean circulation and oxygenation during sapropel formation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 190, 103-119.	2.3	170

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37	Glacial Mediterranean sea surface temperatures based on planktonic foraminiferal assemblages. Quaternary Science Reviews, 2005, 24, 999-1016.	3.0	168
38	Causes of ice age intensification across the Mid-Pleistocene Transition. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13114-13119.	7.1	166
39	Reconstructing past planktic foraminiferal habitats using stable isotope data: a case history for Mediterranean sapropel S5. Marine Micropaleontology, 2004, 50, 89-123.	1.2	164
40	The Impact of Rapid Climate Change on Prehistoric Societies during the Holocene in the Eastern Mediterranean. Documenta Praehistorica, 0, 36, 7-59.	1.0	161
41	A new concept for the paleoceanographic evolution of Heinrich event 1 in the North Atlantic. Quaternary Science Reviews, 2011, 30, 1047-1066.	3.0	158
42	Paleosalinity and Î´18O: A critical assessment. Journal of Geophysical Research, 1998, 103, 1307-1318.	3.3	156
43	An oxygen isotope data set for marine waters. Journal of Geophysical Research, 2000, 105, 8527-8535.	3.3	154
44	Modeling the paleocirculation of the Mediterranean: The Last Glacial Maximum and the Holocene with emphasis on the formation of sapropelS1. Paleoceanography, 1998, 13, 586-606.	3.0	146
45	New neodymium isotope data quantify Nile involvement in Mediterranean anoxic episodes. Geology, 2004, 32, 565.	4.4	139
46	The timing of Mediterranean sapropel deposition relative to insolation, sea-level and African monsoon changes. Quaternary Science Reviews, 2016, 140, 125-141.	3.0	135
47	High-resolution geochemical and micropalaeontological profiling of the most recent eastern Mediterranean sapropel. Marine Geology, 2001, 177, 25-44.	2.1	134
48	Bipolar seesaw control on last interglacial sea level. Nature, 2015, 522, 197-201.	27.8	131
49	Timescales for detecting a significant acceleration in sea level rise. Nature Communications, 2014, 5, 3635.	12.8	123
50	Paleoceanography of the Atlanticâ€Mediterranean exchange: Overview and first quantitative assessment of climatic forcing. Reviews of Geophysics, 2012, 50, .	23.0	120
51	Eastern Mediterranean sapropel S1 interruption: an expression of the onset of climatic deterioration around 7 ka BP. Marine Geology, 1999, 153, 337-343.	2.1	118
52	Early and middle Holocene in the Aegean Sea: interplay between high and low latitude climate variability. Quaternary Science Reviews, 2009, 28, 3246-3262.	3.0	117
53	Relationship between sea level and climate forcing by CO ₂ on geological timescales. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1209-1214.	7.1	117
54	Northern Levantine and Adriatic Quaternary planktic foraminifera; Reconstruction of paleoenvironmental gradients. Marine Micropaleontology, 1993, 21, 191-218.	1.2	116

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55	BENTHIC FORAMINIFERAL DISTRIBUTION IN THE MEDITERRANEAN SEA. Journal of Foraminiferal Research, 1999, 29, 93-103.	0.5	116
56	Coral indicators of past sea-level change: A global repository of U-series dated benchmarks. Quaternary Science Reviews, 2016, 145, 1-56.	3.0	116
57	Understanding the Red Sea response to sea level. Earth and Planetary Science Letters, 2004, 225, 421-434.	4.4	114
58	Benthic foraminiferal response to changes in bottom-water oxygenation and organic carbon flux in the eastern Mediterranean during LGM to Recent times. Marine Micropaleontology, 2008, 67, 46-68.	1.2	113
59	Comparison between Holocene and Marine Isotope Stage-11 sea-level histories. Earth and Planetary Science Letters, 2010, 291, 97-105.	4.4	109
60	On the timing and mechanism of millennial-scale climate variability during the last glacial cycle. Climate Dynamics, 2003, 20, 257-267.	3.8	108
61	A 3 million year index for North African humidity/aridity and the implication of potential pan-African Humid periods. Quaternary Science Reviews, 2017, 171, 100-118.	3.0	108
62	Late Quaternary central Mediterranean biochronology. Marine Micropaleontology, 1993, 21, 169-189.	1.2	106
63	Progress in paleosalinity: Overview and presentation of a new approach. Paleoceanography, 2007, 22, .	3.0	106
64	Controls on the East Asian monsoon during the last glacial cycle, based on comparison between Hulu Cave and polar ice-core records. Quaternary Science Reviews, 2009, 28, 3291-3302.	3.0	106
65	Abrupt cold spells in the northwest Mediterranean. Paleoceanography, 1998, 13, 316-322.	3.0	105
66	Hydrogen isotopic compositions of long-chain alkenones record freshwater flooding of the Eastern Mediterranean at the onset of sapropel deposition. Earth and Planetary Science Letters, 2007, 262, 594-600.	4.4	105
67	Absence of post-Miocene Red Sea land bridges: biogeographic implications. Journal of Biogeography, 2006, 33, 961-966.	3.0	95
68	Aplanktonic zones in the Red Sea. Marine Micropaleontology, 2000, 40, 277-294.	1.2	91
69	Holocene Climate Optimum and Last Glacial Maximum in the Mediterranean: the marine oxygen isotope record. Marine Geology, 1999, 153, 57-75.	2.1	89
70	Post-depositional remanent magnetization lock-in and the location of the Matuyamaâ€“Brunhes geomagnetic reversal boundary in marine and Chinese loess sequences. Earth and Planetary Science Letters, 2008, 275, 102-110.	4.4	88
71	Environmental control on Mediterranean salinity and Î´18O. Paleoceanography, 1999, 14, 706-715.	3.0	87
72	Similar meltwater contributions to glacial sea level changes from Antarctic and northern ice sheets. Nature, 2004, 430, 1016-1021.	27.8	86

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73	Late Mioceneâ€“Pliocene Asian monsoon intensification linked to Antarctic ice-sheet growth. Earth and Planetary Science Letters, 2016, 444, 75-87.	4.4	86
74	Holocene temperature fluctuations in the northern Tibetan Plateau. Quaternary Research, 2013, 80, 55-65.	1.7	85
75	Pathways to 1.5 Â°C and 2 Â°C warming based on observational and geological constraints. Nature Geoscience, 2018, 11, 102-107.	12.9	84
76	Differences between the last two glacial maxima and implications for ice-sheet, Î´18O, and sea-level reconstructions. Quaternary Science Reviews, 2017, 176, 1-28.	3.0	82
77	Snowball Earth ocean chemistry driven by extensive ridge volcanism during Rodinia breakup. Nature Geoscience, 2016, 9, 242-248.	12.9	81
78	Paleosalinity: confidence limits and future applications. Marine Geology, 2000, 163, 1-11.	2.1	80
79	Glacial to interglacial changes in the settling depth of the Mediterranean Outflow plume. Paleoceanography, 2005, 20, n/a-n/a.	3.0	79
80	The catastrophic final flooding of Doggerland by the Storegga Slide tsunami. Documenta Praehistorica, 0, 35, 1-24.	1.0	78
81	Precession and obliquity forcing of the freshwater budget over the Mediterranean. Quaternary Science Reviews, 2015, 123, 16-30.	3.0	72
82	Circulation changes and nutrient concentrations in the late Quaternary Aegean Sea: A nonsteady state concept for sapropel formation. Paleoceanography, 2002, 17, 14-1-14-11.	3.0	71
83	Paleoclimate Variability in the Mediterranean and Red Sea Regions during the Last 500,000 Years. Current Anthropology, 2013, 54, S183-S201.	1.6	71
84	Possible obliquity-forced warmth in southern Asia during the last glacial stage. Science Bulletin, 2021, 66, 1136-1145.	9.0	71
85	A 500,000 year record of Indian summer monsoon dynamics recorded by eastern equatorial Indian Ocean upper water-column structure. Quaternary Science Reviews, 2013, 77, 167-180.	3.0	69
86	Modeling a 200-Yr Interruption of the Holocene Sapropel S1. Quaternary Research, 2000, 53, 98-104.	1.7	66
87	Aegean Sea as driver of hydrographic and ecological changes in the eastern Mediterranean. Geology, 2007, 35, 675.	4.4	66
88	Abrupt hydrographic change in the Alboran Sea (western Mediterranean) around 8000 yrs BP. Deep-Sea Research Part I: Oceanographic Research Papers, 1995, 42, 1609-1619.	1.4	65
89	A new contribution to the Late Quaternary tephrostratigraphy of the Mediterranean: Aegean Sea core LC21. Quaternary Science Reviews, 2015, 117, 96-112.	3.0	64
90	The freshwater composition of the Fram Strait outflow derived from a decade of tracer measurements. Journal of Geophysical Research, 2012, 117, .	3.3	62

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91	Sequestration of carbon in the deep Atlantic during the lastÂglaciation. Nature Geoscience, 2016, 9, 319-324.	12.9	62
92	The Azores Front since the Last Glacial Maximum. Earth and Planetary Science Letters, 2004, 222, 779-789.	4.4	60
93	Sea-level reversal during Termination II. Geology, 2006, 34, 817.	4.4	60
94	The RESET project: constructing a European tephra lattice for refined synchronisation of environmental and archaeological events during the last c. 100Âka. Quaternary Science Reviews, 2015, 118, 1-17.	3.0	60
95	Mg/Ca paleothermometry in high salinity environments. Earth and Planetary Science Letters, 2009, 284, 583-589.	4.4	59
96	Enhanced Mediterraneanâ€Atlantic exchange during Atlantic freshening phases. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	57
97	Sea Surface and High-Latitude Temperature Sensitivity to Radiative Forcing of Climate over Several Glacial Cycles. Journal of Climate, 2012, 25, 1635-1656.	3.2	57
98	Asynchronous Antarctic and Greenland ice-volume contributions to the last interglacial sea-level highstand. Nature Communications, 2019, 10, 5040.	12.8	57
99	Eastern Mediterranean surface water Nd during Eemian sapropel S5: monitoring northerly (mid-latitude) versus southerly (sub-tropical) freshwater contributions. Quaternary Science Reviews, 2010, 29, 2473-2483.	3.0	56
100	Enhanced productivity on the Iberian margin during glacial/interglacial transitions revealed by barium and diatoms. Journal of the Geological Society, 2000, 157, 667-677.	2.1	53
101	Promotion of meridional overturning by Mediterranean-derived salt during the last deglaciation. Paleoceanography, 2006, 21, .	3.0	53
102	Underlying causes for long-term global ocean Î´13C fluctuations over the last 1.20ÂMyr. Earth and Planetary Science Letters, 2006, 248, 15-29.	4.4	53
103	New constraints on the timing of sea level fluctuations during early to middle marine isotope stage 3. Paleoceanography, 2008, 23, .	3.0	52
104	Glacial conditions in the northern Molucca Sea region (Indonesia). Palaeogeography, Palaeoclimatology, Palaeoecology, 1993, 101, 147-167.	2.3	51
105	Deep western boundary current dynamics and associated sedimentation on the Eirik Drift, Southern Greenland Margin. Deep-Sea Research Part I: Oceanographic Research Papers, 2007, 54, 2036-2066.	1.4	51
106	A 2000â€year context for modern climate change. Geografiska Annaler, Series A: Physical Geography, 2005, 87, 7-15.	1.5	50
107	Water column dynamics during the last interglacial anoxic event in the Mediterranean (sapropel S5). Paleoceanography, 2006, 21, n/a-n/a.	3.0	50
108	Modelling the seasonal cycle of the exchange flow in Bab El Mandab (Red Sea). Deep-Sea Research Part I: Oceanographic Research Papers, 2002, 49, 1551-1569.	1.4	49

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109	Liquid export of Arctic freshwater components through the Fram Strait 1998â€“2011. Ocean Science, 2013, 9, 91-109.	3.4	49
110	The Sensitivity of the Antarctic Ice Sheet to a Changing Climate: Past, Present, and Future. Reviews of Geophysics, 2020, 58, e2019RG000663.	23.0	49
111	Deep Ocean Carbonate Chemistry and Glacial-Interglacial Atmospheric CO2 Change. Oceanography, 2014, 27, 16-25.	1.0	47
112	Deep South Atlantic carbonate chemistry and increased interocean deep water exchange during last deglaciation. Quaternary Science Reviews, 2014, 90, 80-89.	3.0	47
113	A new approach to projecting 21st century seaâ€level changes and extremes. Earth's Future, 2017, 5, 240-253.	6.3	46
114	Magnetic susceptibility of eastern Mediterranean marine sediments as a proxy for Saharan dust supply?. Marine Geology, 2008, 254, 224-229.	2.1	44
115	Atmospheric dust variability from Arabia and China over the last 500,000 years. Quaternary Science Reviews, 2011, 30, 3537-3541.	3.0	44
116	Orbital climate variability on the northeastern Tibetan Plateau across the Eoceneâ€“Oligocene transition. Nature Communications, 2020, 11, 5249.	12.8	44
117	Neolithisation of the Aegean and Southeast Europe during the 6600â€“6000 calBC period of Rapid Climate Change. Documenta Praehistorica, 0, 41, 1-31.	1.0	44
118	Abrupt shoaling of the nutricline in response to massive freshwater flooding at the onset of the last interglacial sapropel event. Paleoceanography, 2012, 27, .	3.0	43
119	Independent 40 Ar/ 39 Ar and 14 C age constraints on the last five glacial terminations from the aggradational successions of the Tiber River, Rome (Italy). Earth and Planetary Science Letters, 2016, 449, 105-117.	4.4	43
120	Lessons on Climate Sensitivity From Past Climate Changes. Current Climate Change Reports, 2016, 2, 148-158.	8.6	42
121	Penultimate deglacial warming across the Mediterranean Sea revealed by clumped isotopes in foraminifera. Scientific Reports, 2017, 7, 16572.	3.3	42
122	Mediterranean planktonic foraminiferal faunas during the last glacial cycle. Marine Geology, 1999, 153, 239-252.	2.1	41
123	A geological perspective on potential future sea-level rise. Scientific Reports, 2013, 3, 3461.	3.3	41
124	Shoaling of the Eastern Mediterranean Pycnocline due to reduction of excess evaporation: Implications for sapropel formation. Paleoceanography, 1991, 6, 747-753.	3.0	40
125	Glacial conditions in the Red Sea. Paleoceanography, 1994, 9, 653-660.	3.0	40
126	Controls on Sr/Ca in benthic foraminifera and implications for seawater Sr/Ca during the late Pleistocene. Quaternary Science Reviews, 2014, 98, 1-6.	3.0	40

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127	Global chemical weathering dominated by continental arcs since the mid-Palaeozoic. Nature Geoscience, 2021, 14, 690-696.	12.9	40
128	Quaternary climatic control of biogenic magnetite production and eolian dust input in cores from the Mediterranean Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 190, 195-209.	2.3	39
129	A tracer study of ventilation in the Japan/East Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2005, 52, 1684-1704.	1.4	39
130	Mineral-enriched biochar delivers enhanced nutrient recovery and carbon dioxide removal. Communications Earth & Environment, 2022, 3, .	6.8	39
131	Eastern Mediterranean sea levels through the last interglacial from a coastal-marine sequence in northern Israel. Quaternary Science Reviews, 2016, 145, 204-225.	3.0	38
132	Remanence acquisition efficiency in biogenic and detrital magnetite and recording of geomagnetic paleointensity. Geochemistry, Geophysics, Geosystems, 2017, 18, 1435-1450.	2.5	37
133	High-resolution stratigraphic framework for Mediterranean sapropel S5: defining temporal relationships between records of Eemian climate variability. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 183, 87-101.	2.3	36
134	Variations in terrigenous dilution in western Mediterranean Sea pelagic sediments in response to climate change during the last glacial cycle. Marine Geology, 2004, 211, 21-43.	2.1	36
135	Reconstructing the seafloor environment during sapropel formation using benthic foraminiferal trace metals, stable isotopes, and sediment composition. Paleoceanography, 2010, 25, n/a-n/a.	3.0	36
136	Two-stage mid-Brunhes climate transition and mid-Pleistocene human diversification. Earth-Science Reviews, 2020, 210, 103354.	9.1	35
137	A Simple Twoâ€Łayered Model for Shoaling of the Eastern Mediterranean Pycnocline Due to Glacioâ€Łustatic Sea Level Lowering. Paleoceanography, 1991, 6, 537-541.	3.0	33
138	Hydraulic calculations of postglacial connections between the Mediterranean and the Black Sea. Marine Geology, 2003, 201, 253-267.	2.1	33
139	Reconstructing past upwelling intensity and the seasonal dynamics of primary productivity along the Peruvian coastline from mollusk shell stable isotopes. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	32
140	Global warming-induced Asian hydrological climate transition across the Mioceneâ€“Pliocene boundary. Nature Communications, 2021, 12, 6935.	12.8	31
141	Stability of the thermohaline circulation under millennial CO2forcing and two alternative controls on Atlantic salinity. Geophysical Research Letters, 2007, 34, .	4.0	30
142	Warfare in Late NeolithicEarly Chalcolithic Pisidia, southwestern Turkey. Climate induced social unrest in the late 7th millennium calBC. Documenta Praehistorica, 0, 35, 65-92.	1.0	30
143	Temporary repopulation by low-oxygen tolerant benthic foraminifera within an Upper Pliocene sapropel: Evidence for the role of oxygen depletion in the formation of sapropels. Marine Micropaleontology, 1993, 22, 207-219.	1.2	29
144	Red Sea outflow during the last glacial maximum. Quaternary International, 1996, 31, 77-83.	1.5	29

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145	Detecting missing beats in the Mediterranean climate rhythm from magnetic identification of oxidized sapropels (Ocean Drilling Program Leg 160). Physics of the Earth and Planetary Interiors, 2006, 156, 283-293.	1.9	29
146	Sea level and deep-sea temperature reconstructions suggest quasi-stable states and critical transitions over the past 40 million years. Science Advances, 2021, 7, .	10.3	29
147	Quantitative assessment of glacial fluctuations in the level of Lake Lisan, Dead Sea rift. Quaternary Science Reviews, 2013, 70, 63-72.	3.0	28
148	Comparing Climate Sensitivity, Past and Present. Annual Review of Marine Science, 2018, 10, 261-288.	11.6	28
149	A model for archaeologically relevant Holocene climate impacts in the Aegean-Levantine region (easternmost Mediterranean). Quaternary Science Reviews, 2019, 208, 38-53.	3.0	28
150	Vertical density gradient in the eastern North Atlantic during the last 30,000Âyears. Climate Dynamics, 2012, 39, 589-598.	3.8	27
151	Patterns of millennial variability over the last 500 ka. Climate of the Past, 2010, 6, 295-303.	3.4	26
152	Last glacial atmospheric CO2 decline due to widespread Pacific deep-water expansion. Nature Geoscience, 2020, 13, 628-633.	12.9	26
153	A stratigraphically controlled multiproxy chronostratigraphy for the eastern Mediterranean. Paleoceanography, 2007, 22, .	3.0	25
154	Millennial-scale variability in Red Sea circulation in response to Holocene insolation forcing. Paleoceanography, 2010, 25, .	3.0	24
155	Asian monsoon modulation of nonsteady state diagenesis in hemipelagic marine sediments offshore of <scp>J</scp>apan. Geochemistry, Geophysics, Geosystems, 2016, 17, 4383-4398.	2.5	22
156	More efficient North Atlantic carbon pump during the Last Glacial Maximum. Nature Communications, 2019, 10, 2170.	12.8	22
157	On modelling present-day and last glacial maximum oceanic Î´18O distributions. Global and Planetary Change, 2002, 32, 89-109.	3.5	21
158	Controls on Messinian Lower Evaporite cycles in the Mediterranean. Earth and Planetary Science Letters, 2008, 275, 165-171.	4.4	21
159	Quantification of African Monsoon Runoff During Last Interglacial Sapropel S5. Paleoceanography and Paleoclimatology, 2019, 34, 1487-1516.	2.9	21
160	Interannual variability of Arctic sea ice export into the East Greenland Current. Journal of Geophysical Research, 2010, 115, .	3.3	20
161	Five decades of Mediterranean palaeoclimate and sapropel studies. Marine Geology, 1999, 153, 7-10.	2.1	19
162	A database of biological and geomorphological sea-level markers from the Last Glacial Maximum to present. Scientific Data, 2018, 5, 180088.	5.3	18

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163	Red Sea isolation history suggested by Plio-Pleistocene seismic reflection sequences. Earth and Planetary Science Letters, 2015, 430, 387-397.	4.4	17
164	Deposition of sapropel S1 sediments in oxic pelagic and anoxic brine environments in the eastern Mediterranean: differences in diagenesis and preservation. Marine Geology, 1999, 153, 319-335.	2.1	16
165	Sedimentation processes in a tectonically active environment: the Kerkyraâ€“Kefalonia submarine valley system (NE Ionian Sea). Marine Geology, 1999, 160, 25-44.	2.1	16
166	Climatically influenced interactions between the Mediterranean and the Paratethys during the Tortonian. Paleoceanography, 2003, 18, n/a-n/a.	3.0	16
167	A review of the deep and surface currents around Eirik Drift, south of Greenland: Comparison of the past with the present. Global and Planetary Change, 2011, 79, 244-254.	3.5	16
168	Sensitivity of Red Sea circulation to sea level and insolation forcing during the last interglacial. Climate of the Past, 2011, 7, 941-955.	3.4	16
169	International law poses problems for negative emissions research. Nature Climate Change, 2018, 8, 451-453.	18.8	15
170	Organic carbon burial in Mediterranean sapropels intensified during Green Sahara Periods since 3.2 Myr ago. Communications Earth & Environment, 2022, 3, .	6.8	15
171	North Atlantic Midlatitude Surfaceâ€Circulation Changes Through the Plioâ€Pleistocene Intensification of Northern Hemisphere Glaciation. Paleoceanography and Paleoclimatology, 2018, 33, 1186-1205.	2.9	14
172	Colour logging as a tool in high-resolution palaeoceanography. Geological Society Special Publication, 2006, 267, 99-112.	1.3	13
173	Reventilation Episodes During the Sapropel S1 Deposition in the Eastern Mediterranean Based on Holococcolith Preservation. Paleoceanography and Paleoclimatology, 2019, 34, 1597-1609.	2.9	13
174	Rapid Holocene Climate Changes in the Eastern Mediterranean. , 2002, , 35-46.		12
175	Source-to-sink magnetic properties of NE Saharan dust in Eastern Mediterranean marine sediments: review and paleoenvironmental implications. Frontiers in Earth Science, 2015, 3, .	1.8	12
176	A terrestrial scenario for the Cretaceous-Tertiary boundary collapse of the marine pelagic ecosystem. Terra Nova, 1991, 3, 41-48.	2.1	11
177	New constraints on climate forcing and variability in the circum-Mediterranean region from magnetic and geochemical observations of sapropels S1, S5 and S6. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 333-334, 1-12.	2.3	8
178	Lineaments and earthquake ruptures on the East Japan megathrust. Lithosphere, 2018, 10, 512-522.	1.4	8
179	Palaeoceanography and numerical modelling: the Mediterranean Sea at times of sapropel formation. Geological Society Special Publication, 2000, 181, 135-149.	1.3	7
180	Assessment and Integration of Bulk and Componentâ€Specific Methods for Identifying Mineral Magnetic Assemblages in Environmental Magnetism. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019024.	3.4	7

#	Article	IF	Citations
181	Secular and orbital-scale variability of equatorial Indian Ocean summer monsoon winds during the late Miocene. Climate of the Past, 2022, 18, 713-738.	3.4	7
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