

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

194 papers	18,575 citations	71 h-index	133 g-index
218 ext. papers	20,925 ext. citations	9.5 avg, IF	6.78 L-index

#	Paper	IF	Citations
194	Holocene climate variability. <i>Quaternary Research</i> , 2004 , 62, 243-255	1.9	1689
193	Sea-level fluctuations during the last glacial cycle. <i>Nature</i> , 2003 , 423, 853-8	50.4	1212
192	Centennial-scale climate cooling with a sudden cold event around 8,200 years ago. <i>Nature</i> , 2005 , 434, 975-9	50.4	502
191	Magnitudes of sea-level lowstands of the past 500,000 years. <i>Nature</i> , 1998 , 394, 162-165	50.4	488
190	Constraints on the magnitude and patterns of ocean cooling at the Last Glacial Maximum. <i>Nature Geoscience</i> , 2009 , 2, 127-132	18.3	444
189	Review and new aspects concerning the formation of eastern Mediterranean sapropels. <i>Marine Geology</i> , 1994 , 122, 1-28	3.3	382
188	Rapid coupling between ice volume and polar temperature over the past 150,000 years. <i>Nature</i> , 2012 , 491, 744-7	50.4	370
187	Sea-level and deep-sea-temperature variability over the past 5.3 million years. <i>Nature</i> , 2014 , 508, 477-82	50.4	364
186	Antarctic temperature and global sea level closely coupled over the past five glacial cycles. <i>Nature Geoscience</i> , 2009 , 2, 500-504	18.3	345
185	Escape of methane gas from the seabed along the West Spitsbergen continental margin. <i>Geophysical Research Letters</i> , 2009 , 36, n/a-n/a	4.9	338
184	Assessing "dangerous climate change": required reduction of carbon emissions to protect young people, future generations and nature. <i>PLoS ONE</i> , 2013 , 8, e81648	3.7	318
183	Postglacial connection of the Black Sea to the Mediterranean and its relation to the timing of sapropel formation. <i>Paleoceanography</i> , 1997 , 12, 169-174		312
182	High rates of sea-level rise during the last interglacial period. <i>Nature Geoscience</i> , 2008 , 1, 38-42	18.3	284
181	Mediterranean climate and oceanography, and the periodic development of anoxic events (sapropels). <i>Earth-Science Reviews</i> , 2015 , 143, 62-97	10.2	277
180	Three million years of monsoon variability over the northern Sahara. <i>Climate Dynamics</i> , 2003 , 21, 689-698	4.2	268
179	Holocene atmosphere-ocean interactions: records from Greenland and the Aegean Sea. <i>Climate Dynamics</i> , 2002 , 18, 587-593	4.2	257
178	A Cenozoic record of the equatorial Pacific carbonate compensation depth. <i>Nature</i> , 2012 , 488, 609-14	50.4	241

177	African monsoon variability during the previous interglacial maximum. <i>Earth and Planetary Science Letters</i> , 2002 , 202, 61-75	5.3	232
176	Sea-level variability over five glacial cycles. <i>Nature Communications</i> , 2014 , 5, 5076	17.4	230
175	Plio-Pleistocene climate sensitivity evaluated using high-resolution CO2 records. <i>Nature</i> , 2015 , 518, 49-54	50.4	219
174	A humid corridor across the Sahara for the migration of early modern humans out of Africa 120,000 years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16444-7	11.5	212
173	An Assessment of Earth's Climate Sensitivity Using Multiple Lines of Evidence. <i>Reviews of Geophysics</i> , 2020 , 58, e2019RG000678	23.1	209
172	Making sense of palaeoclimate sensitivity. <i>Nature</i> , 2012 , 491, 683-91	50.4	208
171	Late Quaternary changes in Mediterranean intermediate water density and formation rate. <i>Paleoceanography</i> , 1989 , 4, 531-545		194
170	Organic flux control on bathymetric zonation of Mediterranean benthic foraminifera. <i>Marine Micropaleontology</i> , 2000 , 40, 151-166	1.7	183
169	Regional synthesis of Mediterranean atmospheric circulation during the Last Glacial Maximum. <i>Science</i> , 2008 , 321, 1338-40	33.3	181
168	Marine isotope stage 3 sea level fluctuations: Data synthesis and new outlook. <i>Reviews of Geophysics</i> , 2008 , 46,	23.1	176
167	Collapse of Classic Maya civilization related to modest reduction in precipitation. <i>Science</i> , 2012 , 335, 956-9	33.3	167
166	Man-induced salinity and temperature increases in western Mediterranean deep water. <i>Journal of Geophysical Research</i> , 1992 , 97, 11191-11198		162
165	Timing of meltwater pulse 1a and climate responses to meltwater injections. <i>Paleoceanography</i> , 2006 , 21,		159
164	200 Year interruption of Holocene sapropel formation in the Adriatic Sea. <i>Journal of Micropalaeontology</i> , 1997 , 16, 97-108	2	154
163	Glacial Mediterranean sea surface temperatures based on planktonic foraminiferal assemblages. <i>Quaternary Science Reviews</i> , 2005 , 24, 999-1016	3.9	149
162	A dynamic concept for eastern Mediterranean circulation and oxygenation during sapropel formation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 103-119	2.9	149
161	Volcanic ash layers illuminate the resilience of Neanderthals and early modern humans to natural hazards. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13532-7	11.5	148
160	Reconstructing past planktic foraminiferal habitats using stable isotope data: a case history for Mediterranean sapropel S5. <i>Marine Micropaleontology</i> , 2004 , 50, 89-123	1.7	142

159	Sea-level probability for the last deglaciation: A statistical analysis of far-field records. <i>Global and Planetary Change</i> , 2011 , 79, 193-203	4.2	139
158	Paleosalinity and δ ¹⁸ O: A critical assessment. <i>Journal of Geophysical Research</i> , 1998 , 103, 1307-1318		138
157	A new concept for the paleoceanographic evolution of Heinrich event 1 in the North Atlantic. <i>Quaternary Science Reviews</i> , 2011 , 30, 1047-1066	3.9	137
156	Modeling the paleocirculation of the Mediterranean: The Last Glacial Maximum and the Holocene with emphasis on the formation of sapropel S 1. <i>Paleoceanography</i> , 1998 , 13, 586-606		134
155	Dynamics of green Sahara periods and their role in hominin evolution. <i>PLoS ONE</i> , 2013 , 8, e76514	3.7	134
154	The Impact of Rapid Climate Change on Prehistoric Societies during the Holocene in the Eastern Mediterranean. <i>Documenta Praehistorica</i> , 2013 , 36, 7-59		130
153	Young people's burden: requirement of negative CO ₂ emissions. <i>Earth System Dynamics</i> , 2017 , 8, 577-616	4.8	127
152	An oxygen isotope data set for marine waters. <i>Journal of Geophysical Research</i> , 2000 , 105, 8527-8535		127
151	New neodymium isotope data quantify Nile involvement in Mediterranean anoxic episodes. <i>Geology</i> , 2004 , 32, 565	5	119
150	High-resolution geochemical and micropalaeontological profiling of the most recent eastern Mediterranean sapropel. <i>Marine Geology</i> , 2001 , 177, 25-44	3.3	118
149	Eastern Mediterranean sapropel S1 interruption: an expression of the onset of climatic deterioration around 7 ka BP. <i>Marine Geology</i> , 1999 , 153, 337-343	3.3	110
148	Bipolar seesaw control on last interglacial sea level. <i>Nature</i> , 2015 , 522, 197-201	50.4	103
147	On the timing and mechanism of millennial-scale climate variability during the last glacial cycle. <i>Climate Dynamics</i> , 2003 , 20, 257-267	4.2	103
146	Paleoceanography of the Atlantic-Mediterranean exchange: Overview and first quantitative assessment of climatic forcing. <i>Reviews of Geophysics</i> , 2012 , 50,	23.1	102
145	Causes of ice age intensification across the Mid-Pleistocene Transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13114-13119	11.5	99
144	Understanding the Red Sea response to sea level. <i>Earth and Planetary Science Letters</i> , 2004 , 225, 421-434	5.3	99
143	Timescales for detecting a significant acceleration in sea level rise. <i>Nature Communications</i> , 2014 , 5, 3635	57.4	98
142	Early and middle Holocene in the Aegean Sea: interplay between high and low latitude climate variability. <i>Quaternary Science Reviews</i> , 2009 , 28, 3246-3262	3.9	98

141	Benthic foraminiferal response to changes in bottom-water oxygenation and organic carbon flux in the eastern Mediterranean during LGM to Recent times. <i>Marine Micropaleontology</i> , 2008 , 67, 46-68	1.7	98
140	Late Quaternary central Mediterranean biochronology. <i>Marine Micropaleontology</i> , 1993 , 21, 169-189	1.7	97
139	Northern Levantine and Adriatic Quaternary planktic foraminifera; Reconstruction of paleoenvironmental gradients. <i>Marine Micropaleontology</i> , 1993 , 21, 191-218	1.7	97
138	The timing of Mediterranean sapropel deposition relative to insolation, sea-level and African monsoon changes. <i>Quaternary Science Reviews</i> , 2016 , 140, 125-141	3.9	96
137	Relationship between sea level and climate forcing by CO ₂ on geological timescales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1209-14	11.5	94
136	Comparison between Holocene and Marine Isotope Stage-11 sea-level histories. <i>Earth and Planetary Science Letters</i> , 2010 , 291, 97-105	5.3	93
135	Hydrogen isotopic compositions of long-chain alkenones record freshwater flooding of the Eastern Mediterranean at the onset of sapropel deposition. <i>Earth and Planetary Science Letters</i> , 2007 , 262, 594-600	5.3	93
134	Abrupt cold spells in the northwest Mediterranean. <i>Paleoceanography</i> , 1998 , 13, 316-322		92
133	BENTHIC FORAMINIFERAL DISTRIBUTION IN THE MEDITERRANEAN SEA. <i>Journal of Foraminiferal Research</i> , 1999 , 29, 93-103	1.1	92
132	Controls on the East Asian monsoon during the last glacial cycle, based on comparison between Hulu Cave and polar ice-core records. <i>Quaternary Science Reviews</i> , 2009 , 28, 3291-3302	3.9	91
131	Coral indicators of past sea-level change: A global repository of U-series dated benchmarks. <i>Quaternary Science Reviews</i> , 2016 , 145, 1-56	3.9	88
130	Absence of post-Miocene Red Sea land bridges: biogeographic implications. <i>Journal of Biogeography</i> , 2006 , 33, 961-966	4.1	86
129	Progress in paleosalinity: Overview and presentation of a new approach. <i>Paleoceanography</i> , 2007 , 22, n/a-n/a		85
128	Post-depositional remanent magnetization lock-in and the location of the Matuyama-Brunhes geomagnetic reversal boundary in marine and Chinese loess sequences. <i>Earth and Planetary Science Letters</i> , 2008 , 275, 102-110	5.3	84
127	Holocene Climate Optimum and Last Glacial Maximum in the Mediterranean: the marine oxygen isotope record. <i>Marine Geology</i> , 1999 , 153, 57-75	3.3	82
126	Aplanktonic zones in the Red Sea. <i>Marine Micropaleontology</i> , 2000 , 40, 277-294	1.7	78
125	Environmental control on Mediterranean salinity and $\delta^{18}\text{O}$. <i>Paleoceanography</i> , 1999 , 14, 706-715		75
124	Paleosalinity: confidence limits and future applications. <i>Marine Geology</i> , 2000 , 163, 1-11	3.3	72

123	Similar meltwater contributions to glacial sea level changes from Antarctic and northern ice sheets. <i>Nature</i> , 2004 , 430, 1016-21	50.4	70
122	Glacial to interglacial changes in the settling depth of the Mediterranean Outflow plume. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		68
121	Pathways to 1.5 °C and 2 °C warming based on observational and geological constraints. <i>Nature Geoscience</i> , 2018 , 11, 102-107	18.3	64
120	Modeling a 200-Yr Interruption of the Holocene Sapropel S 1. <i>Quaternary Research</i> , 2000 , 53, 98-104	1.9	64
119	The catastrophic final flooding of Doggerland by the Storegga Slide tsunami. <i>Documenta Praehistorica</i> , 35, 1-24		63
118	Circulation changes and nutrient concentrations in the late Quaternary Aegean Sea: A nonsteady state concept for sapropel formation. <i>Paleoceanography</i> , 2002 , 17, 14-1-14-11		62
117	Differences between the last two glacial maxima and implications for ice-sheet, $\delta^{18}O$, and sea-level reconstructions. <i>Quaternary Science Reviews</i> , 2017 , 176, 1-28	3.9	61
116	Paleoclimate Variability in the Mediterranean and Red Sea Regions during the Last 500,000 Years. <i>Current Anthropology</i> , 2013 , 54, S183-S201	2.1	61
115	A 3 million year index for North African humidity/aridity and the implication of potential pan-African Humid periods. <i>Quaternary Science Reviews</i> , 2017 , 171, 100-118	3.9	61
114	Precession and obliquity forcing of the freshwater budget over the Mediterranean. <i>Quaternary Science Reviews</i> , 2015 , 123, 16-30	3.9	60
113	Snowball Earth ocean chemistry driven by extensive ridge volcanism during Rodinia breakup. <i>Nature Geoscience</i> , 2016 , 9, 242-248	18.3	60
112	Holocene temperature fluctuations in the northern Tibetan Plateau. <i>Quaternary Research</i> , 2013 , 80, 55-65	9	60
111	Stable oxygen and carbon isotopes in foraminiferal carbonate shells 1999 , 239-258		60
110	Abrupt hydrographic change in the Alboran Sea (western Mediterranean) around 8000 yrs BP. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1995 , 42, 1609-1619	2.5	59
109	Late Miocene-Pliocene Asian monsoon intensification linked to Antarctic ice-sheet growth. <i>Earth and Planetary Science Letters</i> , 2016 , 444, 75-87	5.3	58
108	Sea-level reversal during Termination II. <i>Geology</i> , 2006 , 34, 817	5	57
107	Enhanced Mediterranean-Atlantic exchange during Atlantic freshening phases. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	55
106	A 500,000 year record of Indian summer monsoon dynamics recorded by eastern equatorial Indian Ocean upper water-column structure. <i>Quaternary Science Reviews</i> , 2013 , 77, 167-180	3.9	54

105	Aegean Sea as driver of hydrographic and ecological changes in the eastern Mediterranean. <i>Geology</i> , 2007 , 35, 675	5	53
104	The Azores Front since the Last Glacial Maximum. <i>Earth and Planetary Science Letters</i> , 2004 , 222, 779-789	5.3	53
103	A new contribution to the Late Quaternary tephrostratigraphy of the Mediterranean: Aegean Sea core LC21. <i>Quaternary Science Reviews</i> , 2015 , 117, 96-112	3.9	50
102	The RESET project: constructing a European tephra lattice for refined synchronisation of environmental and archaeological events during the last c. 100 ka. <i>Quaternary Science Reviews</i> , 2015 , 118, 1-17	3.9	49
101	The freshwater composition of the Fram Strait outflow derived from a decade of tracer measurements. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		49
100	Mg/Ca paleothermometry in high salinity environments. <i>Earth and Planetary Science Letters</i> , 2009 , 284, 583-589	5.3	49
99	Promotion of meridional overturning by Mediterranean-derived salt during the last deglaciation. <i>Paleoceanography</i> , 2006 , 21,		49
98	Eastern Mediterranean surface water Nd during Eemian sapropel S5: monitoring northerly (mid-latitude) versus southerly (sub-tropical) freshwater contributions. <i>Quaternary Science Reviews</i> , 2010 , 29, 2473-2483	3.9	47
97	Enhanced productivity on the Iberian margin during glacial/interglacial transitions revealed by barium and diatoms. <i>Journal of the Geological Society</i> , 2000 , 157, 667-677	2.7	45
96	Deep South Atlantic carbonate chemistry and increased interocean deep water exchange during last deglaciation. <i>Quaternary Science Reviews</i> , 2014 , 90, 80-89	3.9	44
95	Liquid export of Arctic freshwater components through the Fram Strait 1998-2011. <i>Ocean Science</i> , 2013 , 9, 91-109	4	44
94	Sea Surface and High-Latitude Temperature Sensitivity to Radiative Forcing of Climate over Several Glacial Cycles. <i>Journal of Climate</i> , 2012 , 25, 1635-1656	4.4	44
93	A 2000-year context for modern climate change. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2005 , 87, 7-15	1.1	44
92	New constraints on the timing of sea level fluctuations during early to middle marine isotope stage 3. <i>Paleoceanography</i> , 2008 , 23, n/a-n/a		43
91	Deep western boundary current dynamics and associated sedimentation on the Eirik Drift, Southern Greenland Margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007 , 54, 2036-2068	2.5	43
90	Glacial conditions in the northern Molucca Sea region (Indonesia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1993 , 101, 147-167	2.9	43
89	Sequestration of carbon in the deep Atlantic during the last glaciation. <i>Nature Geoscience</i> , 2016 , 9, 319-324	2.3	42
88	Water column dynamics during the last interglacial anoxic event in the Mediterranean (sapropel S5). <i>Paleoceanography</i> , 2006 , 21, n/a-n/a		40

87	Modelling the seasonal cycle of the exchange flow in Bab El Mandab (Red Sea). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002 , 49, 1551-1569	2.5	40
86	Underlying causes for long-term global ocean $\delta^{13}\text{C}$ fluctuations over the last 1.20 Myr. <i>Earth and Planetary Science Letters</i> , 2006 , 248, 15-29	5.3	39
85	Glacial conditions in the Red Sea. <i>Paleoceanography</i> , 1994 , 9, 653-660		37
84	Lessons on Climate Sensitivity From Past Climate Changes. <i>Current Climate Change Reports</i> , 2016 , 2, 148-158	4.58	36
83	Quaternary climatic control of biogenic magnetite production and eolian dust input in cores from the Mediterranean Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 195-209	2.9	36
82	Mediterranean planktonic foraminiferal faunas during the last glacial cycle. <i>Marine Geology</i> , 1999 , 153, 239-252	3.3	36
81	Deep Ocean Carbonate Chemistry and Glacial-Interglacial Atmospheric CO_2 Change. <i>Oceanography</i> , 2014 , 27, 16-25	2.3	35
80	Abrupt shoaling of the nutricline in response to massive freshwater flooding at the onset of the last interglacial sapropel event. <i>Paleoceanography</i> , 2012 , 27, n/a-n/a		35
79	Magnetic susceptibility of eastern Mediterranean marine sediments as a proxy for Saharan dust supply?. <i>Marine Geology</i> , 2008 , 254, 224-229	3.3	34
78	Neolithisation of the Aegean and Southeast Europe during the 6600-6000 calBC period of Rapid Climate Change. <i>Documenta Praehistorica</i> , 41, 1-31		34
77	Atmospheric dust variability from Arabia and China over the last 500,000 years. <i>Quaternary Science Reviews</i> , 2011 , 30, 3537-3541	3.9	33
76	Independent $^{40}\text{Ar}/^{39}\text{Ar}$ and ^{14}C age constraints on the last five glacial terminations from the aggradational successions of the Tiber River, Rome (Italy). <i>Earth and Planetary Science Letters</i> , 2016 , 449, 105-117	5.3	32
75	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		32
74	A tracer study of ventilation in the Japan/East Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005 , 52, 1684-1704	2.3	32
73	Variations in terrigenous dilution in western Mediterranean Sea pelagic sediments in response to climate change during the last glacial cycle. <i>Marine Geology</i> , 2004 , 211, 21-43	3.3	32
72	A geological perspective on potential future sea-level rise. <i>Scientific Reports</i> , 2013 , 3, 3461	4.9	31
71	Hydraulic calculations of postglacial connections between the Mediterranean and the Black Sea. <i>Marine Geology</i> , 2003 , 201, 253-267	3.3	31
70	Shoaling of the Eastern Mediterranean Pycnocline due to reduction of excess evaporation: Implications for sapropel formation. <i>Paleoceanography</i> , 1991 , 6, 747-753		31

69	Penultimate deglacial warming across the Mediterranean Sea revealed by clumped isotopes in foraminifera. <i>Scientific Reports</i> , 2017 , 7, 16572	4.9	30
68	Remanence acquisition efficiency in biogenic and detrital magnetite and recording of geomagnetic paleointensity. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 1435-1450	3.6	29
67	Asynchronous Antarctic and Greenland ice-volume contributions to the last interglacial sea-level highstand. <i>Nature Communications</i> , 2019 , 10, 5040	17.4	29
66	High-resolution stratigraphic framework for Mediterranean sapropel S5: defining temporal relationships between records of Eemian climate variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002 , 183, 87-101	2.9	29
65	A Simple Two-Layered Model for Shoaling of the Eastern Mediterranean Pycnocline Due to Glacio-Eustatic Sea Level Lowering. <i>Paleoceanography</i> , 1991 , 6, 537-541		28
64	Eastern Mediterranean sea levels through the last interglacial from a coastal-marine sequence in northern Israel. <i>Quaternary Science Reviews</i> , 2016 , 145, 204-225	3.9	27
63	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. <i>Marine Micropaleontology</i> , 1993 , 22, 207-219	1.7	27
62	Detecting missing beats in the Mediterranean climate rhythm from magnetic identification of oxidized sapropels (Ocean Drilling Program Leg 160). <i>Physics of the Earth and Planetary Interiors</i> , 2006 , 156, 283-293	2.3	26
61	Red Sea outflow during the last glacial maximum. <i>Quaternary International</i> , 1996 , 31, 77-83	2	26
60	A new approach to projecting 21st century sea-level changes and extremes. <i>Earth's Future</i> , 2017 , 5, 240-253	7.5	25
59	Quantitative assessment of glacial fluctuations in the level of Lake Lisan, Dead Sea rift. <i>Quaternary Science Reviews</i> , 2013 , 70, 63-72	3.9	25
58	Vertical density gradient in the eastern North Atlantic during the last 30,000 years. <i>Climate Dynamics</i> , 2012 , 39, 589-598	4.2	25
57	Patterns of millennial variability over the last 500 ka. <i>Climate of the Past</i> , 2010 , 6, 295-303	3.9	24
56	Warfare in Late Neolithic/Early Chalcolithic Pisidia, southwestern Turkey. Climate induced social unrest in the late 7th millennium calBC. <i>Documenta Praehistorica</i> , 35 , 65-92		24
55	Stability of the thermohaline circulation under millennial CO2 forcing and two alternative controls on Atlantic salinity. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	23
54	Reconstructing past upwelling intensity and the seasonal dynamics of primary productivity along the Peruvian coastline from mollusk shell stable isotopes. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	22
53	A stratigraphically controlled multiproxy chronostratigraphy for the eastern Mediterranean. <i>Paleoceanography</i> , 2007 , 22, n/a-n/a		22
52	Controls on Sr/Ca in benthic foraminifera and implications for seawater Sr/Ca during the late Pleistocene. <i>Quaternary Science Reviews</i> , 2014 , 98, 1-6	3.9	21

51	Comparing Climate Sensitivity, Past and Present. <i>Annual Review of Marine Science</i> , 2018 , 10, 261-288	15.4	20
50	On modelling present-day and last glacial maximum oceanic $\delta^{18}\text{O}$ distributions. <i>Global and Planetary Change</i> , 2002 , 32, 89-109	4.2	20
49	Asian monsoon modulation of nonsteady state diagenesis in hemipelagic marine sediments offshore of Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 4383-4398	3.6	19
48	Millennial-scale variability in Red Sea circulation in response to Holocene insolation forcing. <i>Paleoceanography</i> , 2010 , 25,		19
47	Controls on Messinian Lower Evaporite cycles in the Mediterranean. <i>Earth and Planetary Science Letters</i> , 2008 , 275, 165-171	5.3	19
46	Five decades of Mediterranean palaeoclimate and sapropel studies. <i>Marine Geology</i> , 1999 , 153, 7-10	3.3	19
45	Interannual variability of Arctic sea ice export into the East Greenland Current. <i>Journal of Geophysical Research</i> , 2010 , 115,		18
44	Possible obliquity-forced warmth in southern Asia during the last glacial stage. <i>Science Bulletin</i> , 2021 , 66, 1136-1145	10.6	16
43	A model for archaeologically relevant Holocene climate impacts in the Aegean-Levantine region (easternmost Mediterranean). <i>Quaternary Science Reviews</i> , 2019 , 208, 38-53	3.9	15
42	Climatically influenced interactions between the Mediterranean and the Paratethys during the Tortonian. <i>Paleoceanography</i> , 2003 , 18, n/a-n/a		15
41	Sedimentation processes in a tectonically active environment: the Kerkyra-Kefalonia submarine valley system (NE Ionian Sea). <i>Marine Geology</i> , 1999 , 160, 25-44	3.3	15
40	The Sensitivity of the Antarctic Ice Sheet to a Changing Climate: Past, Present, and Future. <i>Reviews of Geophysics</i> , 2020 , 58, e2019RG000663	23.1	15
39	Red Sea isolation history suggested by Plio-Pleistocene seismic reflection sequences. <i>Earth and Planetary Science Letters</i> , 2015 , 430, 387-397	5.3	14
38	A review of the deep and surface currents around Eirik Drift, south of Greenland: Comparison of the past with the present. <i>Global and Planetary Change</i> , 2011 , 79, 244-254	4.2	14
37	Deposition of sapropel S1 sediments in oxic pelagic and anoxic brine environments in the eastern Mediterranean: differences in diagenesis and preservation. <i>Marine Geology</i> , 1999 , 153, 319-335	3.3	14
36	Orbital climate variability on the northeastern Tibetan Plateau across the Eocene-Oligocene transition. <i>Nature Communications</i> , 2020 , 11, 5249	17.4	14
35	Sensitivity of Red Sea circulation to sea level and insolation forcing during the last interglacial. <i>Climate of the Past</i> , 2011 , 7, 941-955	3.9	13
34	Last glacial atmospheric CO ₂ decline due to widespread Pacific deep-water expansion. <i>Nature Geoscience</i> , 2020 , 13, 628-633	18.3	13

33	Two-stage mid-Brunhes climate transition and mid-Pleistocene human diversification. <i>Earth-Science Reviews</i> , 2020 , 210, 103354	10.2	13
32	A database of biological and geomorphological sea-level markers from the Last Glacial Maximum to present. <i>Scientific Data</i> , 2018 , 5, 180088	8.2	12
31	A terrestrial scenario for the Cretaceous-Tertiary boundary collapse of the marine pelagic ecosystem. <i>Terra Nova</i> , 1991 , 3, 41-48	3	11
30	More efficient North Atlantic carbon pump during the Last Glacial Maximum. <i>Nature Communications</i> , 2019 , 10, 2170	17.4	10
29	Young People's Burden: Requirement of Negative CO ₂ Emissions 2016 ,		10
28	Quantification of African Monsoon Runoff During Last Interglacial Sapropel S5. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1487-1516	3.3	8
27	Source-to-sink magnetic properties of NE Saharan dust in Eastern Mediterranean marine sediments: review and paleoenvironmental implications. <i>Frontiers in Earth Science</i> , 2015 , 3,	3.5	8
26	New constraints on climate forcing and variability in the circum-Mediterranean region from magnetic and geochemical observations of sapropels S1, S5 and S6. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 333-334, 1-12	2.9	8
25	Colour logging as a tool in high-resolution palaeoceanography. <i>Geological Society Special Publication</i> , 2006 , 267, 99-112	1.7	8
24	North Atlantic Midlatitude Surface-Circulation Changes Through the Plio-Pleistocene Intensification of Northern Hemisphere Glaciation. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 1186-1205	3.3	8
23	Rapid Holocene Climate Changes in the Eastern Mediterranean 2002 , 35-46		7
22	Global chemical weathering dominated by continental arcs since the mid-Palaeozoic. <i>Nature Geoscience</i> , 2021 , 14, 690-696	18.3	7
21	Reventilation Episodes During the Sapropel S1 Deposition in the Eastern Mediterranean Based on Holococcolith Preservation. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1597-1609	3.3	6
20	Palaeoceanography and numerical modelling: the Mediterranean Sea at times of sapropel formation. <i>Geological Society Special Publication</i> , 2000 , 181, 135-149	1.7	6
19	Erratum to Holocene climate optimum and last glacial maximum in the Mediterranean: the marine oxygen isotope record [Marine Geology 153 (1999) 57-5]. <i>Marine Geology</i> , 1999 , 161, 385-387	3.3	5
18	Assessment and Integration of Bulk and Component-Specific Methods for Identifying Mineral Magnetic Assemblages in Environmental Magnetism. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB019024	3.6	5
17	Of lakes and fields: A framework for reconciling palaeoclimatic drought inferences with archaeological impacts. <i>Journal of Archaeological Science</i> , 2016 , 73, 17-24	2.9	5
16	Mineral-enriched biochar delivers enhanced nutrient recovery and carbon dioxide removal. <i>Communications Earth & Environment</i> , 2022 , 3,	6.1	5

		Citations	Indexing
15	Emplacement of the Cabezo Mar lamproite volcano (Miocene, SE Spain). <i>Bulletin of Volcanology</i> , 2015 , 77, 1	2.4	4
14	Mineral magnetic record of the Miocene-Pliocene climate transition on the Chinese Loess Plateau, North China. <i>Quaternary Research</i> , 2018 , 89, 619-628	1.9	4
13	New constraints on the Eastern Mediterranean <i>and</i> <i>O</i>-<i>D</i> relationship		4
12	Lineaments and earthquake ruptures on the East Japan megathrust. <i>Lithosphere</i> , 2018 , 10, 512-522	2.7	4
11	Sensitivity of Red Sea circulation to sea level and insolation forcing during the last interglacial		3
10	Sea level and deep-sea temperature reconstructions suggest quasi-stable states and critical transitions over the past 40 million years. <i>Science Advances</i> , 2021 , 7,	14.3	3
9	Global warming-induced Asian hydrological climate transition across the Miocene-Pliocene boundary. <i>Nature Communications</i> , 2021 , 12, 6935	17.4	2
8	Climatically Modulated Dust Inputs from New Zealand to the Southwest Pacific Sector of the Southern Ocean Over the Last 410 kyr. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA003949	2.3	2
7	Enhancing natural cycles in agro-ecosystems to boost plant carbon capture and soil storage 2021 , 1,		2
6	Reply to Zhang et al.: Late Miocene-Pliocene magnetochronology of the Shilou Red Clay on the eastern Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2018 , 503, 252-255	5.3	2
5	Secular and orbital-scale variability of equatorial Indian Ocean summer monsoon winds during the late Miocene. <i>Climate of the Past</i> , 2022 , 18, 713-738	3.9	2
4	Results of Micropalaeontological Analyses on Sediment Core FA09 from the Southern Red Sea Continental Shelf 2019 , 709-723		1
3	Quantitative assessment of the oxygen isotope composition of fish otoliths from Lake Mungo, Australia. <i>Quaternary Research</i> , 2021 , 102, 234-246	1.9	1
2	Low-Temperature Magnetic Properties of Marine Sediments Quantifying Magnetofossils, Superparamagnetism, and Maghemitization: Eastern Mediterranean Examples. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2021JB021793	3.6	1
1	Influences of sea level changes and the South Asian Monsoon on southern Red Sea oceanography over the last 30 ka. <i>Quaternary Research</i> , 1-19	1.9	0