Maureen E Raymo

List of Publications by Year
in descending order

42	11,837	186265	265206
papers	citations	28 h-index	42 g-index

43	43	43	9035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Pliocene-Pleistocene stack of 57 globally distributed benthic Î´18O records. Paleoceanography, 2005, 20, n/a-n/a.	3.0	3,308
2	Tectonic forcing of late Cenozoic climate. Nature, 1992, 359, 117-122.	27.8	1,889
3	On the structure and origin of major glaciation cycles 2. The 100,000â€year cycle. Paleoceanography, 1993, 8, 699-735.	3.0	821
4	Influence of late Cenozoic mountain building on ocean geochemical cycles. Geology, 1988, 16, 649.	4.4	734
5	Pleistocene evolution: Northern hemisphere ice sheets and North Atlantic Ocean. Paleoceanography, 1989, 4, 353-412.	3.0	715
6	Sea-level rise due to polar ice-sheet mass loss during past warm periods. Science, 2015, 349, aaa4019.	12.6	501
7	Late Pliocene variation in northern hemisphere ice sheets and North Atlantic deep water circulation. Paleoceanography, 1989, 4, 413-446.	3.0	486
8	Plioâ€“Pleistocene climate evolution: trends and transitions in glacial cycle dynamics. Quaternary Science Reviews, 2007, 26, 56-69.	3.0	414
9	Plio-Pleistocene Ice Volume, Antarctic Climate, and the Global Â18O Record. Science, 2006, 313, 492-495.	12.6	357
10	The Mid-Pleistocene climate transition: A deep sea carbon isotopic perspective. Paleoceanography, 1997, 12, 546-559.	3.0	325
11	Highâ€amplitude variations in North Atlantic sea surface temperature during the early Pliocene warm period. Paleoceanography, 2009, 24, .	3.0	208
12	Departures from eustasy in Pliocene sea-levelÂrecords. Nature Geoscience, 2011, 4, 328-332.	12.9	208
13	Response of deep ocean circulation to initiation of northern hemisphere glaciation (3â€“2 MA). Paleoceanography, 1992, 7, 645-672.	3.0	192
14	Collapse of polar ice sheets during the stage 11 interglacial. Nature, 2012, 483, 453-456.	27.8	191
15	The analysis of Last Interglacial (MIS 5e) relative sea-level indicators: Reconstructing sea-level in a warmer world. Earth-Science Reviews, 2016, 159, 404-427.	9.1	181
16	Stability of North Atlantic water masses in face of pronounced climate variability during the Pleistocene. Paleoceanography, 2004, 19, n/a-n/a.	3.0	179
17	The Himalayas, organic carbon burial, and climate in the Miocene. Paleoceanography, 1994, 9, 399-404.	3.0	171
18	Orbital forcing of the East Antarctic ice sheet during the Pliocene and Early Pleistocene. Nature Geoscience, 2014, 7, 841-847.	12.9	121

#	Article	IF	Citations
19	An alternative suggestion for the Pliocene onset of major northern hemisphere glaciation based on the geochemical provenance of North Atlantic Ocean ice-rafted debris. Quaternary Science Reviews, 2013, 75, 181-194.	3.0	119
20	Unlocking the mysteries of the ice ages. Nature, 2008, 451, 284-285.	27.8	112
21	K isotopes as a tracer for continental weathering and geological K cycling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8740-8745.	7.1	99
22	The impact of dynamic topography change on Antarctic ice sheet stability during the mid-Pliocene warm period. Geology, 2015, 43, 927-930.	4.4	70
23	Deep Atlantic Ocean carbon storage and the rise of 100,000-year glacial cycles. Nature Geoscience, 2019, 12, 355-360.	12.9	61
24	The accuracy of mid-Pliocene Î´18O-based ice volume and sea level reconstructions. Earth-Science Reviews, 2018, 177, 291-302.	9.1	59
25	Sea-level trends across The Bahamas constrain peak last interglacial ice melt. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	46
26	Giant boulders and Last Interglacial storm intensity in the North Atlantic. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12144-12149.	7.1	45
27	Gradual and abrupt changes during the Mid-Pleistocene Transition. Quaternary Science Reviews, 2016, 148, 222-233.	3.0	32
28	Atlantic Deep-water Response to the Early Pliocene Shoaling of the Central American Seaway. Scientific Reports, 2015, 5, 12252.	3.3	31
29	An early Pleistocene Mg/Caâ€Î´ ¹⁸ O record from the Gulf of Mexico: Evaluating ice sheet size and pacing in the 41â€kyr world. Paleoceanography, 2016, 31, 1011-1027.	3.0	26
30	Effects of Dynamic Topography on the Cenozoic Carbonate Compensation Depth. Geochemistry, Geophysics, Geosystems, 2018, 19, 1025-1034.	2.5	23
31	Miocene to present oceanographic variability in the Scotia Sea and Antarctic ice sheets dynamics: Insight from revised seismic-stratigraphy following IODP Expedition 382. Earth and Planetary Science Letters, 2021, 553, 116657.	4.4	21
32	Neogene continental denudation and the beryllium conundrum. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
33	New Magnetostratigraphic Insights From Iceberg Alley on the Rhythms of Antarctic Climate During the Plioâ€Pleistocene. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA003994.	2.9	12
34	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years. Nature Communications, 2022, 13, 2044.	12.8	11
35	Plioceneâ€Pleistocene Stratigraphy and Seaâ€Level Estimates, Republic of South Africa With Implications for a 400Âppmv CO₂ World. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003835.	2.9	10
36	Higher than present global mean sea level recorded by an Early Pliocene intertidal unit in Patagonia (Argentina). Communications Earth & Environment, 2020, 1, .	6.8	9

#	Article	IF	Citations
37	Reply to Hearty and Tormey: Use the scientific method to test geologic hypotheses, because rocks do not whisper. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2904-E2905.	7.1	7
38	Quantifying Diagenesis, Contributing Factors, and Resulting Isotopic Bias in Benthic Foraminifera Using the Foraminiferal Preservation Index: Implications for Geochemical Proxy Records. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004110.	2.9	7
39	Tsunamigenic Potential of an Incipient Submarine Landslide in the Tiran Straits. Geophysical Research Letters, 2022, 49, .	4.0	7
40	Episodes of Early Pleistocene West Antarctic Ice Sheet Retreat Recorded by Iceberg Alley Sediments. Paleoceanography and Paleoclimatology, 2022, 37, .	2.9	5
41	Late Pleistocene Emergence of Crystalline Canadian Shield Sources in Sediments of the Northern Gulf of Mexico. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004082.	2.9	2
42	A Ternary Mixing Model Approach Using Benthic Foraminifer Î´13 Câ€Î´18 O Data to Reconstruct Late Pliocene Deep Atlantic Water Mass Mixing. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003804.	2.9	2