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List of Publications by Year
in descending order

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42 papers	4,471 citations	201674 27 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	3825 citing authors

#	Article	IF	Citations
1	Links between climate and sea levels for the past three million years. Nature, 2002, 419, 199-206.	27.8	750
2	Reconciliaion of late Quaternary sea levels derived from coral terraces at Huon Peninsula with deep sea oxygen isotope records. Earth and Planetary Science Letters, 1996, 141, 227-236.	4.4	625
3	Timing and duration of the Last Interglacial: evidence for a restricted interval of widespread coral reef growth. Earth and Planetary Science Letters, 1998, 160, 745-762.	4.4	394
4	High-precision U-series dating of corals from Western Australia and implications for the timing and duration of the Last Interglacial. Earth and Planetary Science Letters, 1995, 135, 115-130.	4.4	282
5	Rapid Fluctuations in Sea Level Recorded at Huon Peninsula During the Penultimate Deglaciation. Science, 1999, 283, 197-201.	12.6	181
6	Rapid glaciation and a two-step sea level plunge into the Last Glacial Maximum. Nature, 2018, 559, 603-607.	27.8	172
7	The persistence of off-cratonic lithospheric mantle: Os isotopic systematics of variably metasomatised southeast Australian xenoliths. Earth and Planetary Science Letters, 1997, 151, 61-75.	4.4	165
8	Coupled climate and sea-level changes deduced from Huon Peninsula coral terraces of the last ice age. Earth and Planetary Science Letters, 2001, 193, 579-587.	4.4	162
9	The coral record of last interglacial sea levels and sea surface temperatures. Chemical Geology, 2000, 169, 107-129.	3.3	139
10	Coral Record of Equatorial Sea-Surface Temperatures During the Penultimate Deglaciation at Huon Peninsula. Science, 1999, 283, 202-204.	12.6	131
11	Phasing and amplitude of sea-level and climate change during the penultimate interglacial. Nature Geoscience, 2009, 2, 355-359.	12.9	125
12	Orbital Forcing of the Marine Isotope Stage 9 Interglacial. Science, 2001, 291, 290-293.	12.6	119
13	High resolution windows into early Holocene climate: SrCa coral records from the Huon Peninsula. Earth and Planetary Science Letters, 1996, 138, 169-178.	4.4	113
14	Suborbital-period sea-level oscillations during marine isotope substages 5a and 5c. Earth and Planetary Science Letters, 2004, 225, 191-204.	4.4	107
15	Constraints on mantle evolution from 187Os/188Os isotopic compositions of Archean ultramafic rocks from southern West Greenland (3.8 Ga) and Western Australia (3.46 Ga). Geochimica Et Cosmochimica Acta, 2002, 66, 2615-2630.	3.9	105
16	Global Climate and Sea Level: ENDURING VARIABILITY AND RAPID FLUCTUATIONS OVER THE PAST 150,000 YEARS. Oceanography, 2011, 24, 54-69.	1.0	95
17	Response of the Great Barrier Reef to sea-level and environmental changes over the past 30,000 years. Nature Geoscience, 2018, 11, 426-432.	12.9	94
18	Last Ice Age Millennial Scale Climate Changes Recorded in Huon Peninsula Corals. Radiocarbon, 2000, 42, 383-401.	1.8	89

#	Article	IF	Citations
19	Evidence for distillation in the formation of HAL and related hibonite inclusions. Geochimica Et Cosmochimica Acta, 1992, 56, 2503-2520.	3.9	87
20	Intensification of the meridional temperature gradient in the Great Barrier Reef following the Last Glacial Maximum. Nature Communications, 2014, 5, 4102.	12.8	72
21	Comparison of ESR and TIMS U/Th dating of marine isotope stage (MIS) 5e, 5c, and 5a coral from Barbadosâ€"implications for palaeo sea-level changes in the Caribbean. Quaternary International, 2004, 120, 41-50.	1.5	59
22	Variability in the uranium isotopic composition of the oceans over glacialâ€"interglacial timescales. Geochimica Et Cosmochimica Acta, 2006, 70, 4140-4150.	3.9	58
23	Last glacial sea-level change deduced from uplifted coral terraces of Huon Peninsula, Papua New Guinea. Quaternary International, 2001, 83-85, 275-283.	1.5	57
24	Isotope anomalies induced in laboratory distillation. Nature, 1986, 319, 576-578.	27.8	40
25	Charge collection thermal ion mass spectrometry of thorium. International Journal of Mass Spectrometry and Ion Processes, 1995, 148, 159-170.	1.8	37
26	Search for²⁶ Al effects in the Allende Fun Inclusion Cl. Geophysical Research Letters, 1978, 5, 807-810.	4.0	35
27	Uplift rates defined by U-series and 14C ages of serpulid-encrusted speleothems from submerged caves near Siracusa, Sicily (Italy). Quaternary Geochronology, 2009, 4, 2-10.	1.4	32
28	Physicochemical Isotope anomalies. Geochimica Et Cosmochimica Acta, 1988, 52, 1409-1424.	3.9	22
29	Coupled uranium isotope and sea-level variations in the oceans. Geochimica Et Cosmochimica Acta, 2010, 74, 7008-7020.	3.9	22
30	Growth patterns of the last ice age coral terraces at Huon Peninsula. Global and Planetary Change, 2006, 54, 216-224.	3.5	18
31	Magnesium isotope fractionation in lunar soils. Geochimica Et Cosmochimica Acta, 1992, 56, 1025-1031.	3.9	13
32	Local marine reservoir age variability at Luzon Strait in the South China Sea during the Holocene. Nuclear Instruments & Methods in Physics Research B, 2019, 455, 171-177.	1.4	11
33	Test of global Hauser-Feshbach calculations for proton-induced reactions onZn68. Physical Review C, 1981, 23, 1822-1825.	2.9	10
34	Comment on â€œExtending the radiocarbon calibration beyond 26,000 years before present using fossil coralsâ€•by T.-C. Chiu, R.G. Fairbanks, R.A. Mortlock, A.L. Bloom (Quaternary Science Reviews 24 (2005)) Tj ETQq0 0 0 rgBT /Overlock 10	3.0	9
35	Geochemical Constraints on the Origin of the Moon. Geophysical Monograph Series, 0, , 33-46.	0.1	7
36	Electromagnetic transitions inNa22. Physical Review C, 1975, 11, 742-755.	2.9	6

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37	Deep-sea corals feel the flow. Science, 2016, 354, 550-551.	12.6	6
38	Issues in radiocarbon and U-series dating of corals from the last glacial period. Quaternary Geochronology, 2008, 3, 244-252.	1.4	5
39	Coral Record of Younger Dryas Chronozone Warmth on the Great Barrier Reef. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003962.	2.9	5
40	Isotope Fractionation in the Solar System. International Geology Review, 1999, 41, 31-46.	2.1	4
41	Prospects for the new frontiers of Earth and environmental sciences. Quaternary Geochronology, 2008, 3, 206-207.	1.4	4
42	Constraining rapid sea level change through radiometric dating of corals growing over a range in paleowater depths. Quaternary Science Advances, 2022, 7, 100053.	1.9	0