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Applying Oxygen Isotope Paleothermometry in Deep Time

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#	Paper	IF	Citations
43	Temperature limits for preservation of primary calcite clumped isotope paleotemperatures. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 139, 362-382	5.5	144
42	Early Cenomanian 'hot greenhouse' revealed by oxygen isotope record of exceptionally well-preserved foraminifera from Tanzania. <i>Paleoceanography</i> , 2015 , 30, 1556-1572		11
41	Carbonate clumped isotope paleothermometry: a review of recent advances in CO ₂ gas evolution, purification, measurement and standardization techniques. <i>Geosciences Journal</i> , 2015 , 19, 357-374	1.4	21
40	Application of redox sensitive proxies and carbonate clumped isotopes to Mesozoic and Palaeozoic radial fibrous calcite cements. <i>Chemical Geology</i> , 2015 , 417, 306-321	4.2	22
39	Substituents and Dopants in the Structure of Apatite. 2016 ,		3
38	A new paleoclimate classification for deep time. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 443, 98-106	2.9	15
37	Reconstructing the paleohydrology of a cretaceous Alaskan paleopolar coastal plain from stable isotopes of bivalves. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 441, 339-351	2.9	8
36	Future climate forcing potentially without precedent in the last 420 million years. <i>Nature Communications</i> , 2017 , 8, 14845	17.4	290
35	Controls on diagenesis and dolomitization of peritidal facies, Early Cretaceous Lower Edwards Group, central Texas, USA. <i>Facies</i> , 2017 , 63, 1	1.8	6
34	Assessing elemental ratios as a paleotemperature proxy in the calcite shells of patelloid limpets. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 465, 376-385	2.9	14
33	The Relationship between Atmospheric Carbon Dioxide Concentration and Global Temperature for the Last 425 Million Years. <i>Climate</i> , 2017 , 5, 76	3.1	24
32	$\delta^{18}\text{O}$ Analyses of the Humpbacked Conch (<i>Gibberulus gibberulus</i>): Evaluating a Proxy for Reconstructing Sea-Surface Temperature at Chelechol ra Orrak, Palau. <i>Environmental Archaeology</i> , 2018 , 23, 403-415	1.2	1
31	A paired apatite and calcite clumped isotope thermometry approach to estimating Cambro-Ordovician seawater temperatures and isotopic composition. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 224, 18-41	5.5	38
30	The Antarctic Centennial Oscillation: A Natural Paleoclimate Cycle in the Southern Hemisphere That Influences Global Temperature. <i>Climate</i> , 2018 , 6, 3	3.1	6
29	Insights into sea surface temperatures from the Cayman Islands from corals over the last ~540 years. <i>Sedimentary Geology</i> , 2019 , 389, 218-240	2.8	5
28	The evolution of latitudinal temperature gradients from the latest Cretaceous through the Present. <i>Earth-Science Reviews</i> , 2019 , 189, 147-158	10.2	24
27	Establishing the link between Permian volcanism and biodiversity changes: Insights from geochemical proxies. <i>Gondwana Research</i> , 2019 , 75, 68-96	5.1	30

26	Testing the preservation potential of early diagenetic dolomites as geochemical archives. <i>Sedimentology</i> , 2020 , 67, 849-881	3.3	21
25	Seawater paleotemperature and paleosalinity evolution in neritic environments of the Mediterranean margin: Insights from isotope analysis of bivalve shells. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 543, 109582	2.9	7
24	A Dynamical Framework for Interpreting Ancient Sea Surface Temperatures. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL089044	4.9	15
23	A re-assessment of elemental proxies for paleoredox analysis. <i>Chemical Geology</i> , 2020 , 540, 119549	4.2	114
22	Stable oxygen isotope reconstruction of temperature exposure of the Icelandic cod (<i>Gadus morhua</i>) stock over the last 100 years. <i>ICES Journal of Marine Science</i> , 2020 , 77, 942-952	2.7	5
21	Paleoenvironmental reconstruction using stable isotopes and trace elements from archaeological freshwater bivalve shell fragments in Northwest Patagonia, Argentina. <i>Quaternary International</i> , 2020 , 547, 22-32	2	0
20	The impact of Snowball Earth glaciation on ocean water $\delta^{18}O$ values. <i>Earth and Planetary Science Letters</i> , 2021 , 554, 116661	5.3	5
19	Extinction risk controlled by interaction of long-term and short-term climate change. <i>Nature Ecology and Evolution</i> , 2021 , 5, 304-310	12.3	4
18	Triple Oxygen Isotope Trend Recorded by Precambrian Cherts: A Perspective from Combined Bulk and in situ Secondary Ion Probe Measurements. <i>Reviews in Mineralogy and Geochemistry</i> , 2021 , 86, 323-365	7.1	15
17	Fossil bivalves and the sclerochronological reawakening. <i>Paleobiology</i> , 1-23	2.6	1
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15	The fluctuation of warm paleoclimatic controls on lacustrine carbonate deposition in the Late Cretaceous (late Santonian), Southern Songliao Basin, Northeast China. <i>International Journal of Earth Sciences</i> , 1	2.2	2
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13	Constraints on the preservation of proxy data in carbonate archives Lessons from a marine limestone to marble transect, Latemar, Italy. <i>Sedimentology</i> ,	3.3	2
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11	Dinosaur diversification rates were not in decline prior to the K-Pg boundary. <i>Royal Society Open Science</i> , 2020 , 7, 201195	3.3	6
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7	Temperature exposure in cod driven by changes in abundance. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2022 , 79, 587-600	2.4	0
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