

Sierra V Petersen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,216
citations

516710

16
h-index

642732

23
g-index

29
all docs

29
docs citations

29
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	Looking upstream with clumped and triple oxygen isotopes of estuarine oyster shells in the early Eocene of California, USA. <i>Geology</i> , 2022, 50, 755-759.	4.4	5
2	Dynamics of Pedogenic Carbonate Growth in the Tropical Domain of Myanmar. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	3
3	Seasonally Variable Aquifer Discharge and Cooler Climate in Bermuda During the Last Interglacial Revealed by Subannual Clumped Isotope Analysis. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004145.	2.9	3
4	InterCarb: A Community Effort to Improve Interlaboratory Standardization of the Carbonate Clumped Isotope Thermometer Using Carbonate Standards. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009588.	2.5	110
5	Calcium isotope evidence for environmental variability before and across the Cretaceous-Paleogene mass extinction. <i>Geology</i> , 2020, 48, 34-38.	4.4	19
6	Subannual stable isotope records reveal climate warming and seasonal anoxia associated with two extinction intervals across the Cretaceous-Paleogene boundary on Seymour Island, Antarctica. <i>Geology</i> , 2020, 48, 1131-1136.	4.4	9
7	Past climates inform our future. <i>Science</i> , 2020, 370, .	12.6	253
8	A proxy for all seasons? A synthesis of clumped isotope data from Holocene soil carbonates. <i>Quaternary Science Reviews</i> , 2020, 234, 106259.	3.0	59
9	Isotope sclerochronology indicates enhanced seasonal precipitation in northern South America (Colombia) during the Mid-Miocene Climatic Optimum. <i>Geology</i> , 2020, 48, 668-672.	4.4	12
10	Effects of Improved ¹⁷ O Correction on Interlaboratory Agreement in Clumped Isotope Calibrations, Estimates of Mineral-Specific Offsets, and Temperature Dependence of Acid Digestion Fractionation. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3495-3519.	2.5	134
11	Biogenic carbonate mercury and marine temperature records reveal global influence of Late Cretaceous Deccan Traps. <i>Nature Communications</i> , 2019, 10, 5356.	12.8	21
12	Climate of the Late Cretaceous North American Gulf and Atlantic Coasts. <i>Cretaceous Research</i> , 2018, 89, 160-173.	1.4	16
13	An assessment of latest Cretaceous <i>Pycnodonte vesicularis</i> (Lamarck, 1806) shells as records for palaeoseasonality: a multi-proxy investigation. <i>Climate of the Past</i> , 2018, 14, 725-749.	3.4	22
14	Meltwater pulse recorded in Last Interglacial mollusk shells from Bermuda. <i>Paleoceanography</i> , 2017, 32, 132-145.	3.0	9
15	Heinrich events triggered by ocean forcing and modulated by isostatic adjustment. <i>Nature</i> , 2017, 542, 332-334.	27.8	104
16	Constraining the thermal history of the North American Midcontinent Rift System using carbonate clumped isotopes and organic thermal maturity indices. <i>Precambrian Research</i> , 2017, 294, 53-66.	2.7	19
17	The effects of Porapak [®] trap temperature on ¹⁸ O, ¹³ C, and ⁴⁷ values in preparing samples for clumped isotope analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 199-208.	1.5	25
18	End-Cretaceous extinction in Antarctica linked to both Deccan volcanism and meteorite impact via climate change. <i>Nature Communications</i> , 2016, 7, 12079.	12.8	167

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19	Temperature and salinity of the Late Cretaceous Western Interior Seaway. <i>Geology</i> , 2016, 44, 903-906.	4.4	62
20	Antarctic ice growth before and after the Eocene–Oligocene transition: New estimates from clumped isotope paleothermometry. <i>Paleoceanography</i> , 2015, 30, 1305-1317.	3.0	39
21	Clumped isotope measurements of small carbonate samples using a high-efficiency dual-reservoir technique. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2371-2381.	1.5	11
22	A new mechanism for Dansgaard–Oeschger cycles. <i>Paleoceanography</i> , 2013, 28, 24-30.	3.0	90
23	Metamorphic evolution, partial melting and rapid exhumation above an ancient flat slab: insights from the San Emigdio Schist, southern California. <i>Journal of Metamorphic Geology</i> , 2011, 29, 601-626.	3.4	24