

Alvaro Fernandez

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,190
citations

471509

17
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing the magnitude of Early Toarcian (Jurassic) warming using the reordered clumped isotope compositions of belemnites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 293, 308-327.	3.9	21
2	Spatial pattern of super-greenhouse warmth controlled by elevated specific humidity. <i>Nature Geoscience</i> , 2020, 13, 739-744.	12.9	18
3	Cold spells in the Nordic Seas during the early Eocene Greenhouse. <i>Nature Communications</i> , 2020, 11, 4713.	12.8	25
4	Warm Middle Miocene Indian Ocean Bottom Water Temperatures: Comparison of Clumped Isotope and Mg/Ca-Based Estimates. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003927.	2.9	33
5	Unravelling Middle to Late Jurassic palaeoceanographic and palaeoclimatic signals in the Hebrides Basin using belemnite clumped isotope thermometry. <i>Earth and Planetary Science Letters</i> , 2020, 546, 116401.	4.4	27
6	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
7	Experimental calibration of clumped isotopes in siderite between 8.5 and 62 °C and its application as paleo-thermometer in paleosols. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 254, 1-20.	3.9	19
8	(In)coherent multiproxy signals in marine sediments: Implications for high-resolution paleoclimate reconstruction. <i>Earth and Planetary Science Letters</i> , 2019, 515, 38-46.	4.4	20
9	Oxygen isotope fractionation in the siderite-water system between 8.5 and 62 °C. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 535-551.	3.9	17
10	Reducing Uncertainties in Carbonate Clumped Isotope Analysis Through Consistent Carbonate-Based Standardization. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2895-2914.	2.5	172
11	Clumped isotope fractionation during phosphoric acid digestion of carbonates at 70 °C. <i>Chemical Geology</i> , 2017, 449, 1-14.	3.3	56
12	Short organic carbon turnover time and narrow ¹⁴ C age spectra in early Holocene wetland paleosols. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 142-155.	2.5	9
13	Carbonate clumped isotope analyses with the long-integration dual-inlet (LIDI) workflow: scratching at the lower sample weight boundaries. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1057-1066.	1.5	84
14	A Reassessment of the Precision of Carbonate Clumped Isotope Measurements: Implications for Calibrations and Paleoclimate Reconstructions. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4375-4386.	2.5	74
15	Penultimate deglacial warming across the Mediterranean Sea revealed by clumped isotopes in foraminifera. <i>Scientific Reports</i> , 2017, 7, 16572.	3.3	42
16	Siderite acid fractionation factors for sealed and open vessel digestions at 70 °C and 100 °C. <i>Chemical Geology</i> , 2016, 444, 180-186.	3.3	12
17	Ventilation time scales of the North Atlantic subtropical cell revealed by coral radiocarbon from the Cape Verde Islands. <i>Paleoceanography</i> , 2015, 30, 938-948.	3.0	5
18	Blank Corrections for Ramped Pyrolysis Radiocarbon Dating of Sedimentary and Soil Organic Carbon. <i>Analytical Chemistry</i> , 2014, 86, 12085-12092.	6.5	27

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19	Siderite $\delta^{13}\text{C}$ clumped isotope thermometry: A new paleoclimate proxy for humid continental environments. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 411-421.	3.9	72
20	Evaluation of kinetic effects on clumped isotope fractionation ($\delta^{13}\text{C}$) during inorganic calcite precipitation. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 134, 120-136.	3.9	118
21	Measurement of multiply substituted isotopologues ('clumped isotopes') of CO_2 using a 5 kV compact isotope ratio mass spectrometer: Performance, reference frame, and carbonate paleothermometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1847-1857.	1.5	16
22	Fractionation of Cu, Fe, and Zn isotopes during the oxidative weathering of sulfide-rich rocks. <i>Chemical Geology</i> , 2009, 264, 1-12.	3.3	189