Alvaro Fernandez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9462858/publications.pdf

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22	1,190	471509 17	677142 22
papers	citations	h-index	g-index

24	24	24	1271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fractionation of Cu, Fe, and Zn isotopes during the oxidative weathering of sulfide-rich rocks. Chemical Geology, 2009, 264, 1-12.	3.3	189
2	Reducing Uncertainties in Carbonate Clumped Isotope Analysis Through Consistent Carbonateâ€Based Standardization. Geochemistry, Geophysics, Geosystems, 2018, 19, 2895-2914.	2.5	172
3	Effects of Improved ¹⁷O Correction on Interlaboratory Agreement in Clumped Isotope Calibrations, Estimates of Mineralâ€Specific Offsets, and Temperature Dependence of Acid Digestion Fractionation. Geochemistry, Geophysics, Geosystems, 2019, 20, 3495-3519.	2.5	134
4	Evaluation of kinetic effects on clumped isotope fractionation (Î”47) during inorganic calcite precipitation. Geochimica Et Cosmochimica Acta, 2014, 134, 120-136.	3.9	118
5	Carbonate clumped isotope analyses with the longâ€integration dualâ€inlet (LIDI) workflow: scratching at the lower sample weight boundaries. Rapid Communications in Mass Spectrometry, 2017, 31, 1057-1066.	1.5	84
6	A Reassessment of the Precision of Carbonate Clumped Isotope Measurements: Implications for Calibrations and Paleoclimate Reconstructions. Geochemistry, Geophysics, Geosystems, 2017, 18, 4375-4386.	2.5	74
7	Siderite â€˜clumpedâ€™ isotope thermometry: A new paleoclimate proxy for humid continental environments. Geochimica Et Cosmochimica Acta, 2014, 126, 411-421.	3.9	72
8	Clumped isotope fractionation during phosphoric acid digestion of carbonates at 70 Â°C. Chemical Geology, 2017, 449, 1-14.	3.3	56
9	Penultimate deglacial warming across the Mediterranean Sea revealed by clumped isotopes in foraminifera. Scientific Reports, 2017, 7, 16572.	3.3	42
10	Warm Middle Miocene Indian Ocean Bottom Water Temperatures: Comparison of Clumped Isotope and Mg/Caâ€Based Estimates. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003927.	2.9	33
11	Blank Corrections for Ramped Pyrolysis Radiocarbon Dating of Sedimentary and Soil Organic Carbon. Analytical Chemistry, 2014, 86, 12085-12092.	6.5	27
12	Unravelling Middle to Late Jurassic palaeoceanographic and palaeoclimatic signals in the Hebrides Basin using belemnite clumped isotope thermometry. Earth and Planetary Science Letters, 2020, 546, 116401.	4.4	27
13	Cold spells in the Nordic Seas during the early Eocene Greenhouse. Nature Communications, 2020, 11, 4713.	12.8	25
14	Reconstructing the magnitude of Early Toarcian (Jurassic) warming using the reordered clumped isotope compositions of belemnites. Geochimica Et Cosmochimica Acta, 2021, 293, 308-327.	3.9	21
15	(In)coherent multiproxy signals in marine sediments: Implications for high-resolution paleoclimate reconstruction. Earth and Planetary Science Letters, 2019, 515, 38-46.	4.4	20
16	Experimental calibration of clumped isotopes in siderite between 8.5 and 62â€Â°C and its application as paleo-thermometer in paleosols. Geochimica Et Cosmochimica Acta, 2019, 254, 1-20.	3.9	19
17	Spatial pattern of super-greenhouse warmth controlled by elevated specific humidity. Nature Geoscience, 2020, 13, 739-744.	12.9	18
18	Oxygen isotope fractionation in the siderite-water system between 8.5 and 62â€Â°C. Geochimica Et Cosmochimica Acta, 2018, 220, 535-551.	3.9	17

#	Article	IF	Citations
19	Measurement of multiply substituted isotopologues ('clumped isotopes') of CO₂ using a 5â€‰kV compact isotope ratio mass spectrometer: Performance, reference frame, and carbonate paleothermometry. Rapid Communications in Mass Spectrometry, 2013, 27, 1847-1857.	1.5	16
20	Siderite acid fractionation factors for sealed and open vessel digestions at 70 Â°C and 100 Â°C. Chemical Geology, 2016, 444, 180-186.	3.3	12
21	Short organic carbon turnover time and narrow ¹⁴C age spectra in early Holocene wetland paleosols. Geochemistry, Geophysics, Geosystems, 2017, 18, 142-155.	2.5	9
22	Ventilation time scales of the North Atlantic subtropical cell revealed by coral radiocarbon from the Cape Verde Islands. Paleoceanography, 2015, 30, 938-948.	3.0	5