

Inigo A MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

983
citations

471509
17
h-index

677142
22
g-index

27
all docs

27
docs citations

27
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Clumped isotope thermometry reveals diagenetic origin of the dolomite layer within late Ordovician black shale of the Guanyinqiao Bed (SW China). <i>Chemical Geology</i> , 2022, 588, 120641.	3.3	2
2	Exhumation and carbonation of the Atlantis Bank core complex constrained by in situ U-Pb dating and $\delta^{47}\text{Pb}$ thermometry of calcite veins, SW Indian Ridge. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117474.	4.4	11
3	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
4	Absolute seasonal temperature estimates from clumped isotopes in bivalve shells suggest warm and variable greenhouse climate. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	22
5	Ultramafic Rock Carbonation: Constraints From Listvenite Core BT1B, Oman Drilling Project. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019060.	3.4	34
6	Calibration of the oxygen and clumped isotope thermometers for (proto-)dolomite based on synthetic and natural carbonates. <i>Chemical Geology</i> , 2019, 525, 1-17.	3.3	45
7	Optimizing the Use of Carbonate Standards to Minimize Uncertainties in Clumped Isotope Data. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5565-5577.	2.5	25
8	Experimental calibration of clumped isotopes in siderite between 8.5 and 62 $^{\circ}\text{C}$ and its application as paleo-thermometer in paleosols. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 254, 1-20.	3.9	19
9	Coupled Mg/Ca and clumped isotope analyses of foraminifera provide consistent water temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 236, 283-296.	3.9	40
10	Oxygen isotope fractionation in the siderite-water system between 8.5 and 62 $^{\circ}\text{C}$. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 535-551.	3.9	17
11	Reducing Uncertainties in Carbonate Clumped Isotope Analysis Through Consistent Carbonate-Based Standardization. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2895-2914.	2.5	172
12	Clumped isotope fractionation during phosphoric acid digestion of carbonates at 70 $^{\circ}\text{C}$. <i>Chemical Geology</i> , 2017, 449, 1-14.	3.3	56
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	Off Limits: Sulfate below the Sulfate-Methane Transition. <i>Frontiers in Earth Science</i> , 2016, 4, .	1.8	25
17	Siderite acid fractionation factors for sealed and open vessel digestions at 70 $^{\circ}\text{C}$ and 100 $^{\circ}\text{C}$. <i>Chemical Geology</i> , 2016, 444, 180-186.	3.3	12
18	Modern applications for a total sulfur reduction distillation method - what's old is new again. <i>Geochemical Transactions</i> , 2014, 15, 4.	0.7	21

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19	Isotopic evidence of the pivotal role of sulfite oxidation in shaping the oxygen isotope signature of sulfate. <i>Chemical Geology</i> , 2013, 354, 186-202.	3.3	24
20	The oxygen isotope equilibrium fractionation between sulfite species and water. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 120, 562-581.	3.9	41
21	What do SST proxies really tell us? A high-resolution multiproxy ($\delta^{237}\text{U}$, TEXH86 and foraminifera $\delta^{18}\text{O}$) study in the Gulf of Taranto, central Mediterranean Sea. <i>Quaternary Science Reviews</i> , 2013, 73, 115-131.	3.0	41
22	The reversibility of dissimilatory sulphate reduction and the cell-internal multi-step reduction of sulphite to sulphide: insights from the oxygen isotope composition of sulphate. <i>Isotopes in Environmental and Health Studies</i> , 2012, 48, 33-54.	1.0	65