Inigo A MÃ¼ller

List of Publications by Year
in descending order

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	Reducing Uncertainties in Carbonate Clumped Isotope Analysis Through Consistent Carbonateâ€Based Standardization. Geochemistry, Geophysics, Geosystems, 2018, 19, 2895-2914.	2.5	172
2	InterCarb: A Community Effort to Improve Interlaboratory Standardization of the Carbonate Clumped Isotope Thermometer Using Carbonate Standards. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009588.	2.5	110
3	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
4	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
5	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. Isotopes in Environmental and Health Studies, 2012, 48, 33-54.	1.0	65
6	Clumped isotope fractionation during phosphoric acid digestion of carbonates at 70 Â°C. Chemical Geology, 2017, 449, 1-14.	3.3	56
7	Calibration of the oxygen and clumped isotope thermometers for (proto-)dolomite based on synthetic and natural carbonates. Chemical Geology, 2019, 525, 1-17.	3.3	45
8	Penultimate deglacial warming across the Mediterranean Sea revealed by clumped isotopes in foraminifera. Scientific Reports, 2017, 7, 16572.	3.3	42
9	The oxygen isotope equilibrium fractionation between sulfite species and water. Geochimica Et Cosmochimica Acta, 2013, 120, 562-581.	3.9	41
10	What do SST proxies really tell us? A high-resolution multiproxy (UKâ€²37, TEXH86 and foraminifera Î´18O) study in the Gulf of Taranto, central Mediterranean Sea. Quaternary Science Reviews, 2013, 73, 115-131.	3.0	41
11	Coupled Mg/Ca and clumped isotope analyses of foraminifera provide consistent water temperatures. Geochimica Et Cosmochimica Acta, 2018, 236, 283-296.	3.9	40
12	Ultramafic Rock Carbonation: Constraints From Listvenite Core BT1B, Oman Drilling Project. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019060.	3.4	34
13	Off Limits: Sulfate below the Sulfate-Methane Transition. Frontiers in Earth Science, 2016, 4, .	1.8	25
14	Optimizing the Use of Carbonate Standards to Minimize Uncertainties in Clumped Isotope Data. Geochemistry, Geophysics, Geosystems, 2019, 20, 5565-5577.	2.5	25
15	Isotopic evidence of the pivotal role of sulfite oxidation in shaping the oxygen isotope signature of sulfate. Chemical Geology, 2013, 354, 186-202.	3.3	24
16	Absolute seasonal temperature estimates from clumped isotopes in bivalve shells suggest warm and variable greenhouse climate. Communications Earth & Environment, 2021, 2, .	6.8	22
17	Modern applications for a total sulfur reduction distillation method - whatâ€™s old is new again. Geochemical Transactions, 2014, 15, 4.	0.7	21
18	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

#	Article	IF	Citations
19	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
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	Exhumation and carbonation of the Atlantis Bank core complex constrained by in situ U-Pb dating and Î”47 thermometry of calcite veins, SW Indian Ridge. Earth and Planetary Science Letters, 2022, 584, 117474.	4.4	11
22	Clumped isotope thermometry reveals diagenetic origin of the dolomite layer within late Ordovician black shale of the Guanyinqiao Bed (SW China). Chemical Geology, 2022, 588, 120641.	3.3	2