

Inigo A MÃ¼ller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8084951/publications.pdf>

Version: 2024-02-01

22
papers

983
citations

471061

17
h-index

676716

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 Carbonate-Based Standardization. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2895-2914. | 1.0 | 172 |
| 2 | 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. | 1.0 | 110 |
| 3 | 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. | 0.7 | 84 |
| 4 | 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. | 1.0 | 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. <i>Isotopes in Environmental and Health Studies</i> , 2012, 48, 33-54. | 0.5 | 65 |
| 6 | Clumped isotope fractionation during phosphoric acid digestion of carbonates at 70 °C. <i>Chemical Geology</i> , 2017, 449, 1-14. | 1.4 | 56 |
| 7 | 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. | 1.4 | 45 |
| 8 | Penultimate deglacial warming across the Mediterranean Sea revealed by clumped isotopes in foraminifera. <i>Scientific Reports</i> , 2017, 7, 16572. | 1.6 | 42 |
| 9 | The oxygen isotope equilibrium fractionation between sulfite species and water. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 120, 562-581. | 1.6 | 41 |
| 10 | What do SST proxies really tell us? A high-resolution multiproxy (UK ²³⁷ , TEXH86 and foraminifera $\delta^{18}O$) study in the Gulf of Taranto, central Mediterranean Sea. <i>Quaternary Science Reviews</i> , 2013, 73, 115-131. | 1.4 | 41 |
| 11 | Coupled Mg/Ca and clumped isotope analyses of foraminifera provide consistent water temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 236, 283-296. | 1.6 | 40 |
| 12 | Ultramafic Rock Carbonation: Constraints From Listvenite Core BT1B, Oman Drilling Project. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019060. | 1.4 | 34 |
| 13 | Off Limits: Sulfate below the Sulfate-Methane Transition. <i>Frontiers in Earth Science</i> , 2016, 4, . | 0.8 | 25 |
| 14 | Optimizing the Use of Carbonate Standards to Minimize Uncertainties in Clumped Isotope Data. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5565-5577. | 1.0 | 25 |
| 15 | 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. | 1.4 | 24 |
| 16 | Absolute seasonal temperature estimates from clumped isotopes in bivalve shells suggest warm and variable greenhouse climate. <i>Communications Earth & Environment</i> , 2021, 2, . | 2.6 | 22 |
| 17 | Modern applications for a total sulfur reduction distillation method - what's old is new again. <i>Geochemical Transactions</i> , 2014, 15, 4. | 1.8 | 21 |
| 18 | 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. | 1.6 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Oxygen isotope fractionation in the siderite-water system between 8.5 and 62°C. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 535-551. | 1.6 | 17 |
| 20 | Siderite acid fractionation factors for sealed and open vessel digestions at 70 °C and 100 °C. <i>Chemical Geology</i> , 2016, 444, 180-186. | 1.4 | 12 |
| 21 | Exhumation and carbonation of the Atlantis Bank core complex constrained by in situ U-Pb dating and ^{47}Ar thermometry of calcite veins, SW Indian Ridge. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117474. | 1.8 | 11 |
| 22 | 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. | 1.4 | 2 |