

Xiaobin Cao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

426
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Equilibrium mass-dependent fractionation relationships for triple oxygen isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7435-7445.	3.9	109
2	Triple Oxygen Isotopes: Fundamental Relationships and Applications. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 463-492.	11.0	75
3	Dynamic model constraints on oxygen-17 depletion in atmospheric O ₂ after a snowball Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14546-14550.	7.1	56
4	Theoretical estimation of the equilibrium distribution of clumped isotopes in nature. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 292-303.	3.9	44
5	Theoretical calibration of the triple oxygen isotope thermometer. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 237-245.	3.9	43
6	The confines of triple oxygen isotope exponents in elemental and complex mass-dependent processes. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 170, 39-50.	3.9	27
7	A kinetic model for isotopologue signatures of methane generated by biotic and abiotic CO ₂ methanation. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 249, 59-75.	3.9	27
8	Small Triple Oxygen Isotope Variations in Sulfate: Mechanisms and Applications. <i>Reviews in Mineralogy and Geochemistry</i> , 2021, 86, 463-488.	4.8	16
9	Redefining the utility of the three-isotope method. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 16-32.	3.9	15
10	Triple oxygen isotope constraints on the origin of ocean island basalts. <i>Acta Geochimica</i> , 2019, 38, 327-334.	1.7	8
11	Ideas and perspectives: The same carbon behaves like different elements – an insight into position-specific isotope distributions. <i>Biogeosciences</i> , 2020, 17, 4785-4795.	3.3	4
12	Identifying apparent local stable isotope equilibrium in a complex non-equilibrium system. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 306-310.	1.5	2