

Xin-Yang Chen

List of Publications by Year in descending order

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298
citing authors

#	ARTICLE	IF	CITATIONS
1	High precision analysis of stable potassium (K) isotopes by the collision cell MC-ICP-MS and a correction method for concentration mismatch. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1273-1287.	3.0	13
2	Natural Potassium (K) Isotope Fractionation during Corn Growth and Quantification of K Fertilizer Recovery Efficiency Using Stable K Isotope Labeling. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1876-1889.	2.7	4
3	Multi-mode chemical exchange in seafloor alteration revealed by lithium and potassium isotopes. <i>Chemical Geology</i> , 2022, 606, 121004.	3.3	5
4	Imprint of chondrule formation on the K and Rb isotopic compositions of carbonaceous meteorites. <i>Science Advances</i> , 2021, 7, eabl3929.	10.3	16
5	Tracing subducted oceanic slabs in the mantle by using potassium isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 353-360.	3.9	39
6	Heterogeneous potassium isotopic composition of the upper continental crust. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 122-136.	3.9	72
7	Diffusion-driven extreme Mg and Fe isotope fractionation in Panzhihua ilmenite: Implications for the origin of mafic intrusion. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 361-375.	3.9	24
8	Magnesium and Lithium Isotopic Evidence for a Remnant Oceanic Slab Beneath Central Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018197.	3.4	5
9	Magnesium isotopic behaviors between metamorphic rocks and their associated leucogranites, and implications for Himalayan orogenesis. <i>Gondwana Research</i> , 2020, 87, 23-40.	6.0	11
10	Experimental constraints on magnesium isotope fractionation during abiogenic calcite precipitation at room temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 281, 102-117.	3.9	12
11	Silicon isotope variations in hydrothermal systems at Yellowstone National Park, Wyoming, U.S.A.. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 283, 184-200.	3.9	9
12	Intensified chemical weathering during Early Triassic revealed by magnesium isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 263-276.	3.9	19
13	Fast and precise boron isotopic analysis of carbonates and seawater using Nu Plasma II multi-collector inductively coupled plasma mass spectrometry and a simple sample introduction system. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1169-1178.	1.5	4
14	Potassium isotopic compositions of international geological reference materials. <i>Chemical Geology</i> , 2019, 513, 101-107.	3.3	64
15	High-precision analysis of potassium isotopes by HR-MC-ICPMS. <i>Chemical Geology</i> , 2018, 493, 100-108.	3.3	90
16	Accurate and Precise Silicon Isotope Analysis of Sulfur- and Iron-Rich Samples by MC-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 427-435.	3.1	9
17	Silicon isotope compositions of euhedral authigenic quartz crystals: Implications for abiotic fractionation at surface temperatures. <i>Chemical Geology</i> , 2016, 423, 61-73.	3.3	15