Xin-Yang Chen

List of Publications by Year
in descending order

17	411	933447	888059
papers	citations	10 h-index	17 g-index

17	17	17	298
all docs	docs citations	times ranked	citing authors

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