Liping Qin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6533877/publications.pdf

Version: 2024-02-01

32 papers	1,155 citations	430874 18 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	1095 citing authors

#	Article	IF	Citations
1	Contributors to chromium isotope variation of meteorites. Geochimica Et Cosmochimica Acta, 2010, 74, 1122-1145.	3.9	212
2	Late accretion as a natural consequence of planetary growth. Nature Geoscience, 2012, 5, 614-617.	12.9	122
3	Rapid accretion and differentiation of iron meteorite parent bodies inferred from 182Hfâ€“182W chronometry and thermal modeling. Earth and Planetary Science Letters, 2008, 273, 94-104.	4.4	115
4	Chromium Isotope Geochemistry. Reviews in Mineralogy and Geochemistry, 2017, 82, 379-414.	4.8	81
5	Tungsten Nuclear Anomalies in Planetesimal Cores. Astrophysical Journal, 2008, 674, 1234-1241.	4.5	78
6	Differential Isotopic Fractionation during Cr(VI) Reduction by an Aquifer-Derived Bacterium under Aerobic versus Denitrifying Conditions. Applied and Environmental Microbiology, 2012, 78, 2462-2464.	3.1	57
7	Chromium isotope heterogeneity in the mantle. Earth and Planetary Science Letters, 2017, 464, 103-115.	4.4	54
8	Two-stage chromium isotope fractionation during microbial Cr(VI) reduction. Water Research, 2019, 148, 10-18.	11.3	51
9	The chromium isotopic composition of Almahata Sitta. Meteoritics and Planetary Science, 2010, 45, 1771-1777.	1.6	44
10	High-temperature inter-mineral Cr isotope fractionation: A comparison of ionic model predictions and experimental investigations of mantle xenoliths from the North China Craton. Earth and Planetary Science Letters, 2018, 499, 278-290.	4.4	39
11	Chromium isotope signature during continental crust subduction recorded in metamorphic rocks. Geochemistry, Geophysics, Geosystems, 2015, 16, 3840-3854.	2.5	36
12	Nucleosynthetic isotope anomalies and their cosmochemical significance. Geochemical Journal, 2016, 50, 43-65.	1.0	33
13	Stable chromium isotope fractionation during magmatic differentiation: Insights from Hawaiian basalts and implications for planetary redox conditions. Geochimica Et Cosmochimica Acta, 2020, 278, 289-304.	3.9	31
14	Cr isotopic composition of the Laobao cherts during the Ediacaranâ€“Cambrian transition in South China. Chemical Geology, 2018, 482, 121-130.	3.3	24
15	Correlated cosmogenic W and Os isotopic variations in Carbo and implications for Hfâ€“W chronology. Geochimica Et Cosmochimica Acta, 2015, 153, 91-104.	3.9	22
16	Absence of hexavalent chromium in marine carbonates: implications for chromium isotopes as paleoenvironment proxy. National Science Review, 2021, 8, nwaa090.	9.5	20
17	Source identification of chromium in the sediments of the Xiaoqing River and Laizhou Bay: A chromium stable isotope perspective. Environmental Pollution, 2020, 264, 114686.	7.5	19
18	Analytical Developments for High-Precision Measurements of W Isotopes in Iron Meteorites. Analytical Chemistry, 2007, 79, 3148-3154.	6.5	18

#	Article	IF	Citations
19	Feedstocks of the Terrestrial Planets. Space Science Reviews, 2018, 214, 1.	8.1	15
20	Cosmogenic effects on chromium isotopes in meteorites. Geochimica Et Cosmochimica Acta, 2019, 251, 73-86.	3.9	13
21	Effects of different metabolic pathways and environmental parameters on Cr isotope fractionation during Cr(VI) reduction by extremely thermophilic bacteria. Geochimica Et Cosmochimica Acta, 2019, 256, 135-146.	3.9	12
22	Anoxic continental surface weathering recorded by the 2.95â€¯Ga Denny Dalton Paleosol (Pongola) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	11
23	Factors affecting chromium isotope measurements using the doubleâ€spike method. Rapid Communications in Mass Spectrometry, 2019, 33, 1390-1400.	1.5	10
24	Ocean redox changes from the latest Permian to Early Triassic recorded by chromium isotopes. Earth and Planetary Science Letters, 2021, 570, 117050.	4.4	9
25	Experimental study of chromium (III) coprecipitation with calcium carbonate. Geochimica Et Cosmochimica Acta, 2022, 322, 94-108.	3.9	9
26	Tracing serpentinite dehydration in a subduction channel: Chromium element and isotope evidence from subducted oceanic crust. Geochimica Et Cosmochimica Acta, 2021, 313, 1-20.	3.9	7
27	Molybdenum isotope tracing petrogenesis of adakitic rocks and associated ore-forming process. Geochimica Et Cosmochimica Acta, 2021, 300, 296-317.	3.9	6
28	Early Prosperity of Iron Bacteria at the End of the Paleoproterozoic Era. Geophysical Research Letters, 2022, 49, .	4.0	5
29	Petrological and Ni-Mo isotopic evidence for the genesis of the Ni- and Mo-sulfide extremely enriched early Cambrian black shale from Southwest China. Chemical Geology, 2022, 598, 120812.	3.3	2
30	Acceptance of the 2014 Houtermans Award by Liping Qin. Geochimica Et Cosmochimica Acta, 2015, 159, 305.	3.9	0
31	Chromium Isotopes. Encyclopedia of Earth Sciences Series, 2018, , 1-6.	0.1	0
32	Chromium Isotopes. Encyclopedia of Earth Sciences Series, 2018, , 256-262.	0.1	0