

Jian Huang

List of Publications by Year in descending order

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27
papers

1,513
citations

430874

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h-index

526287

27
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27
all docs

27
docs citations

27
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep carbon cycles constrained by a large-scale mantle Mg isotope anomaly in eastern China. <i>National Science Review</i> , 2017, 4, 111-120.	9.5	240
2	Origin of low $\delta^{26}\text{Mg}$ Cenozoic basalts from South China Block and their geodynamic implications. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 298-317.	3.9	142
3	Zinc isotope evidence for a large-scale carbonated mantle beneath eastern China. <i>Earth and Planetary Science Letters</i> , 2016, 444, 169-178.	4.4	140
4	Zinc isotope fractionation during mantle melting and constraints on the Zn isotope composition of Earth's upper mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 151-167.	3.9	135
5	Copper isotopic composition of the silicate Earth. <i>Earth and Planetary Science Letters</i> , 2015, 427, 95-103.	4.4	127
6	High-temperature inter-mineral magnesium isotope fractionation in eclogite from the Dabie orogen, China. <i>Earth and Planetary Science Letters</i> , 2011, 304, 224-230.	4.4	95
7	Which preventive measures might protect health care workers from SARS?. <i>BMC Public Health</i> , 2009, 9, 81.	2.9	89
8	Zinc isotopic systematics of Kamchatka-Aleutian arc magmas controlled by mantle melting. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 85-101.	3.9	68
9	Copper and zinc isotope systematics of altered oceanic crust at IODP Site 1256 in the eastern equatorial Pacific. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7086-7100.	3.4	56
10	Mg-Sr isotopes of low- $\delta^{26}\text{Mg}$ basalts tracing recycled carbonate species: Implication for the initial melting depth of the carbonated mantle in Eastern China. <i>International Geology Review</i> , 2016, 58, 1350-1362.	2.1	53
11	Magnesium isotopic compositions of altered oceanic basalts and gabbros from IODP site 1256 at the East Pacific Rise. <i>Lithos</i> , 2015, 231, 53-61.	1.4	52
12	A nephelinitic component with unusual $\delta^{56}\text{Fe}$ in Cenozoic basalts from eastern China and its implications for deep oxygen cycle. <i>Earth and Planetary Science Letters</i> , 2019, 512, 175-183.	4.4	47
13	Iron and magnesium isotopic compositions of subduction-zone fluids and implications for arc volcanism. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 376-391.	3.9	46
14	Copper isotope fractionation during partial melting and melt percolation in the upper mantle: Evidence from massif peridotites in Ivrea-Verbano Zone, Italian Alps. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 211, 48-63.	3.9	36
15	Copper isotope behavior during extreme magma differentiation and degassing: a case study on Laacher See phonolite tephra (East Eifel, Germany). <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	30
16	Effects of Melt Percolation on Zn Isotope Heterogeneity in the Mantle: Constraints From Peridotite Massifs in Ivrea-Verbano Zone, Italian Alps. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2706-2722.	3.4	29
17	Silicon isotopic compositions of altered oceanic crust: Implications for Si isotope heterogeneity in the mantle. <i>Chemical Geology</i> , 2018, 479, 1-9.	3.3	21
18	Empirical calibration of the clinopyroxene-garnet magnesium isotope geothermometer and implications. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	19

#	ARTICLE	IF	CITATIONS
19	Mantle Zn Isotopic Heterogeneity Caused by Melt-Rock Reaction: Evidence From Fe-Rich Peridotites and Pyroxenites From the Bohemian Massif, Central Europe. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3588-3604.	3.4	18
20	Anti-SARS-CoV Immunoglobulin G in Healthcare Workers, Guangzhou, China. <i>Emerging Infectious Diseases</i> , 2005, 11, 89-94.	4.3	16
21	Element mobility in mafic and felsic ultrahigh-pressure metamorphic rocks from the Dabie UHP Orogen, China: insights into supercritical liquids in continental subduction zones. <i>International Geology Review</i> , 2015, 57, 1103-1129.	2.1	14
22	Magnesium and zinc isotope evidence for recycled sediments and oceanic crust in the mantle sources of continental basalts from eastern China. <i>Lithos</i> , 2020, 370-371, 105627.	1.4	12
23	Zinc isotope constraints on carbonated mantle sources for rejuvenated-stage lavas from Kauai, Hawaii. <i>Chemical Geology</i> , 2022, 605, 120967.	3.3	9
24	Carbonated Big Mantle Wedge Extending to the NE Edge of the Stagnant Pacific Slab: Constraints from Late Mesozoic-Cenozoic Basalts from Far Eastern Russia. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 121-132.	3.2	7
25	Climate influence on zinc isotope variations in a loess paleosol sequence of the Chinese Loess Plateau. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 321, 115-132.	3.9	5
26	Zn-, Mg- and O-isotope evidence for the origin of mantle eclogites from Roberts Victor kimberlite (Kapaal Craton, South Africa). <i>Geology</i> , 2022, 50, 593-597.	4.4	4
27	Iron isotopic fractionation during eclogite anatexis and adakitic melt evolution: insights into garnet effect on Fe isotopic variations in high-silica igneous rocks. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	3.1	3