

Shui-Jiong Wang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,035
citations

394421

19
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium Isotopic Compositions of International Geological Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2015, 39, 329-339.	3.1	149
2	Tracing carbonate-silicate interaction during subduction using magnesium and oxygen isotopes. <i>Nature Communications</i> , 2014, 5, 5328.	12.8	105
3	Magnesium isotopic systematics of mafic rocks during continental subduction. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 34-48.	3.9	86
4	Magnesium isotopic variations in cratonic eclogites: Origins and implications. <i>Earth and Planetary Science Letters</i> , 2012, 359-360, 219-226.	4.4	69
5	Tracing the origin of continental HIMU-like intraplate volcanism using magnesium isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 78-87.	3.9	64
6	Geochronology and geochemistry of leucosomes in the North Dabie Terrane, East China: implication for post-UHPM crustal melting during exhumation. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 1009-1029.	3.1	51
7	Contrasting Mg isotopic compositions between Fe-Mn nodules and surrounding soils: Accumulation of light Mg isotopes by Mg-depleted clay minerals and Fe oxides. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 205-222.	3.9	50
8	Methanogenesis sustained by sulfide weathering during the Great Oxidation Event. <i>Nature Geoscience</i> , 2019, 12, 296-300.	12.9	44
9	The behavior of magnesium isotopes in low-grade metamorphosed mudrocks. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 165, 435-448.	3.9	40
10	Subducted Mg-rich carbonates into the deep mantle wedge. <i>Earth and Planetary Science Letters</i> , 2018, 503, 118-130.	4.4	39
11	Chromium isotope signature during continental crust subduction recorded in metamorphic rocks. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3840-3854.	2.5	36
12	Nickel isotope fractionation during continental weathering. <i>Chemical Geology</i> , 2018, 476, 316-326.	3.3	35
13	Experimental constraints on reconstruction of Archean seawater Ni isotopic composition from banded iron formations. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 206, 137-150.	3.9	33
14	Constraining ribbon rock dolomitization by Mg isotopes: Implications for the "dolomite problem". <i>Chemical Geology</i> , 2016, 445, 208-220.	3.3	26
15	The origin and evolution of low- $\delta^{18}O$ magma recorded by multi-growth zircons in granite. <i>Earth and Planetary Science Letters</i> , 2013, 373, 233-241.	4.4	23
16	Geochronology and geochemistry of leucogranites from the southeast margin of the North China Block: Origin and migration. <i>Gondwana Research</i> , 2014, 26, 1111-1128.	6.0	23
17	Tracing subduction zone fluid-rock interactions using trace element and Mg-Sr-Nd isotopes. <i>Lithos</i> , 2017, 290-291, 94-103.	1.4	23
18	A Distinct Nucleosynthetic Heritage for Early Solar System Solids Recorded by Ni Isotope Signatures. <i>Astrophysical Journal</i> , 2018, 862, 26.	4.5	22

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19	A novel purification method for high precision measurement of Ni isotopes by double spike MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1639-1651.	3.0	21
20	Discrepancy between bulk-rock and zircon Hf isotopes accompanying Nd-Hf isotope decoupling. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 259, 17-36.	3.9	20
21	Nickel isotopic evidence for late-stage accretion of Mercury-like differentiated planetary embryos. <i>Nature Communications</i> , 2021, 12, 294.	12.8	16
22	Iron isotope fractionation during crustal anatexis: Constraints from migmatites from the Dabie orogen, Central China. <i>Lithos</i> , 2017, 284-285, 171-179.	1.4	14
23	Magnesium isotope geochemistry of the carbonate-silicate system in subduction zones. <i>National Science Review</i> , 2022, 9, .	9.5	11
24	Nickel isotopes link Siberian Traps aerosol particles to the end-Permian mass extinction. <i>Nature Communications</i> , 2021, 12, 2024.	12.8	10
25	Sulfur isotopic signature of Earth established by planetesimal volatile evaporation. <i>Nature Geoscience</i> , 2021, 14, 806-811.	12.9	10
26	Zinc isotope evidence for carbonate alteration of oceanic crustal protoliths of cratonic eclogites. <i>Earth and Planetary Science Letters</i> , 2022, 580, 117394.	4.4	8
27	Tracing serpentinite dehydration in a subduction channel: Chromium element and isotope evidence from subducted oceanic crust. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 313, 1-20.	3.9	7