

# Zhao-Feng Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,647  
citations

279798

23  
h-index

289244

40  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium Isotope Ratios ( $\delta^{44}\text{Ca}$ ) of Thirty-Four Geological Chinese Reference Materials Measured by Thermal Ionisation Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 307-319.	3.1	2
2	Calcium isotope ecology of early <i>Gigantopithecus blacki</i> ( $\sim 1/2$ Ma) in South China. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117522.	4.4	4
3	Ca isotopic compositions of zoned granitoid intrusion: Implications for the emplacement and evolution of magma bodies. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 326, 149-165.	3.9	3
4	Cadmium isotopic fractionation in lead-zinc smelting process and signatures in fluvial sediments. <i>Journal of Hazardous Materials</i> , 2021, 411, 125015.	12.4	45
5	Calcium isotopic fractionation during magma differentiation: Constraints from volcanic glasses from the eastern Manus Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 228-242.	3.9	16
6	Single-Stage Extraction Technique for Ce Stable Isotopes and Measurement by MC-ICP-MS. <i>Analytical Chemistry</i> , 2021, 93, 12524-12531.	6.5	11
7	Calcium isotope compositions of arc magmas: Implications for Ca and carbonate recycling in subduction zones. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 306, 1-19.	3.9	14
8	Ca-Sr isotope and chemical evidence for distinct sources of carbonatite and silicate mantle metasomatism. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 312, 158-179.	3.9	10
9	High-Precision Cd Isotope Measurements of Soil and Rock Reference Materials by MC-ICP-MS with Double Spike Correction. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 169-182.	3.1	54
10	Barium Isotopic Compositions in Thirty-Four Geological Reference Materials Analysed by MC-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 183-199.	3.1	13
11	Iron Isotope Behavior During Melt-Peridotite Interaction in Supra-subduction Zone Ophiolite From Northern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018823.	3.4	3
12	Calcium isotopic fractionation during plate subduction: Constraints from back-arc basin basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 379-393.	3.9	29
13	Calcium isotopic composition of the lunar crust, mantle, and bulk silicate Moon: A preliminary study. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 313-324.	3.9	14
14	Diffusion-driven Ca-Fe isotope fractionations in the upper mantle: Implications for mantle cooling and melt infiltration. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 290, 41-58.	3.9	17
15	Calcium isotopic signatures of depleted mid-ocean ridge basalts from the northeastern Pacific. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1476-1487.	1.3	7
16	Significant $\delta^{44}\text{Ca}$ variations between carbonate- and clay-rich marine sediments from the Lesser Antilles forearc and implications for mantle heterogeneity. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 276, 239-257.	3.9	13
17	Determination of $\delta^{44}\text{Ca}$ and $\delta^{56}\text{Fe}$ in Geological Materials Combined with a Simplified Method for their Separation Using a Single TODGA Resin Column. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 669-683.	3.1	3
18	A practical guide to the double-spike technique for calcium isotope measurements by thermal ionization mass spectrometry (TIMS). <i>International Journal of Mass Spectrometry</i> , 2020, 450, 116307.	1.5	12

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19	Iron isotope fractionation in hydrous basaltic magmas in deep crustal hot zones. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 279, 29-44.	3.9	9
20	Cadmium isotopes as tracers in environmental studies: A review. <i>Science of the Total Environment</i> , 2020, 736, 139585.	8.0	66
21	Calcium Isotope Ratio ( $\delta^{44/40}\text{Ca}$ ) Measurements of Ca-Dominated Minerals and Rocks without Column Chemistry Using the Double-Spike Technique and Thermal Ionisation Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 509-517.	3.1	11
22	Calcium isotope sources and fractionation during melt-rock interaction in the lithospheric mantle: Evidence from pyroxenites, wehrlites, and eclogites. <i>Chemical Geology</i> , 2019, 524, 272-282.	3.3	30
23	Iron isotopic composition of supra-subduction zone ophiolitic peridotite from northern Tibet. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 258, 274-289.	3.9	14
24	Ca and Sr isotope constraints on the formation of the Marinoan cap dolostones. <i>Earth and Planetary Science Letters</i> , 2019, 511, 202-212.	4.4	34
25	Calcium isotopic signatures of carbonatite and silicate metasomatism, melt percolation and crustal recycling in the lithospheric mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 248, 1-13.	3.9	57
26	Iron Isotope Systematics of the Panzhihua Mafic Layered Intrusion Associated With Giant Fe-Ti Oxide Deposit in the Emeishan Large Igneous Province, SW China. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 358-375.	3.4	29
27	Major Miocene geological events in southern Tibet and eastern Asia induced by the subduction of the Ninetyeast Ridge. <i>Acta Geochimica</i> , 2018, 37, 395-401.	1.7	18
28	A $\delta^{44}\text{Ca}$ procedure of column separation for calcium isotope measurement using the double spike technique and thermal ionization mass spectrometry (TIMS). <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 547-554.	3.0	21
29	Post-ridge-subduction acceleration of the Indian plate induced by slab rollback. <i>Solid Earth Sciences</i> , 2018, 3, 1-7.	1.7	26
30	Calcium Isotopic Compositions of Normal Mid-Ocean Ridge Basalts From the Southern Juan de Fuca Ridge. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 1303-1313.	3.4	53
31	Influence of room temperature on magnesium isotope measurements by multi-collector inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1026-1030.	1.5	8
32	"Late Cretaceous igneous activity in South China: the Qianjia example, Hainan Island. <i>International Geology Review</i> , 2018, 60, 1665-1683.	2.1	14
33	Calcium Isotopic Fractionation and Compositions of Geochemical Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 675-688.	3.1	54
34	Coupled extremely light Ca and Fe isotopes in peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 208, 368-380.	3.9	76
35	Development of CA-ID-TIMS zircon U-Pb dating technique at Guangzhou Institute of Geochemistry, Chinese Academy of Sciences. <i>Solid Earth Sciences</i> , 2017, 2, 55-61.	1.7	2
36	Marine Carbonate Component in the Mantle Beneath the Southeastern Tibetan Plateau: Evidence From Magnesium and Calcium Isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9729-9744.	3.4	60

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37	Calcium isotopic fractionation in mantle peridotites by melting and metasomatism and Ca isotope composition of the Bulk Silicate Earth. <i>Earth and Planetary Science Letters</i> , 2017, 474, 128-137.	4.4	98
38	Origin of the mysterious Yin-Shang bronzes in China indicated by lead isotopes. <i>Scientific Reports</i> , 2016, 6, 23304.	3.3	27
39	Assessment of coral $\delta^{44}\text{Ca}/\delta^{40}\text{Ca}$ as a paleoclimate proxy in the Great Barrier Reef of Australia. <i>Chemical Geology</i> , 2016, 435, 71-78.	3.3	16
40	Calcium Isotopic Fractionation during Ion-Exchange Column Chemistry and Thermal Ionisation Mass Spectrometry ( $\text{TIMS}$ ) Determination. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 185-194.	3.1	31
41	Zinc Isotopic Compositions of $\text{NIST SRM}$ 683 and Whole-Rock Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 417-432.	3.1	74
42	Calcium isotopic composition of mantle xenoliths and minerals from Eastern China. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 335-344.	3.9	59
43	The deep continental crust has a larger Mg isotopic variation than previously thought. <i>American Mineralogist</i> , 2016, 101, 241-242.	1.9	1
44	A review of comminution age method and its potential application in the East China Sea to constrain the time scale of sediment source-to-sink process. <i>Journal of Ocean University of China</i> , 2015, 14, 399-406.	1.2	9
45	High-precision barium isotope measurements by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 2307-2315.	3.0	78
46	Measurement of the Isotopic Composition of Molybdenum in Geological Samples by MC-ICP-MS using a Novel Chromatographic Extraction Technique. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 345-354.	3.1	90
47	Mysterious abrupt carbon-14 increase in coral contributed by a comet. <i>Scientific Reports</i> , 2014, 4, 3728.	3.3	32
48	Iron and magnesium isotopic compositions of peridotite xenoliths from Eastern China. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3318-3334.	3.9	166
49	Magnesium isotopic composition of igneous rock standards measured by MC-ICP-MS. <i>Chemical Geology</i> , 2009, 268, 15-23.	3.3	100
50	Simultaneous measurement stable and radiogenic Nd isotopic compositions by MC-ICP-MS with a single-step chromatographic extraction technique. <i>Journal of Analytical Atomic Spectrometry</i> , 0, , .	3.0	10
51	Yangshan A-Type Granites in the Lower Yangtze River Belt Formed by Ridge Subduction: Radiogenic Ca and Nd Isotopic Constraints. <i>Journal of Earth Science (Wuhan, China)</i> , 0, , 1.	3.2	3