

Zhengrong Wang

List of Publications by Year in descending order

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25
papers

1,501
citations

430874

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610901

24
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docs citations

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times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	The Signature of Metasomatized Subcontinental Lithospheric Mantle in the Basaltic Magmatism of the Payenia Volcanic Province, Argentina. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	2
2	Zinc regulation of iron uptake and translocation in rice (<i>Oryza sativa</i> L.): Implication from stable iron isotopes and transporter genes. <i>Environmental Pollution</i> , 2022, 297, 118818.	7.5	15
3	X-ray diffraction and spectroscopic study of Sr Ca ¹⁸ O ₃ : Implications for equilibrium Sr ²⁺ incorporation and carbon/oxygen isotope fractionation in aragonite. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 309, 112-134.	3.9	3
4	Sr-isotope chronology of carbonate rocks: Quantifying the uncertainty of inversion. <i>Stratigraphy & Timescales</i> , 2019, 4, 35-72.	0.5	0
5	Sr and Mg isotope geochemistry of the basal Ediacaran cap limestone sequence of Mongolia: Implications for carbonate diagenesis, mixing of glacial meltwaters, and seawater chemistry in the aftermath of Snowball Earth. <i>Chemical Geology</i> , 2018, 491, 1-13.	3.3	18
6	Oxygen isotope trajectories of crystallizing melts: Insights from modeling and the plutonic record. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 207, 154-184.	3.9	50
7	Newly discovered Neoproterozoic diamictite and cap carbonate (DCC) couplet in Tarim Craton, NW China: Stratigraphy, geochemistry, and paleoenvironment. <i>Precambrian Research</i> , 2015, 271, 278-294.	2.7	38
8	Magnesium isotope fractionation in biogenic and abiogenic carbonates: implications for paleoenvironmental proxies. <i>Quaternary Science Reviews</i> , 2014, 90, 1-21.	3.0	110
9	Neoproterozoic cap-dolostone deposition in stratified glacial meltwater plume. <i>Earth and Planetary Science Letters</i> , 2014, 404, 22-32.	4.4	71
10	Experimental calibration of Mg isotope fractionation between aragonite and seawater. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 102, 113-123.	3.9	61
11	Geochemical constraints on the origin of Marinoan cap dolostones from Nuccaleena Formation, South Australia. <i>Chemical Geology</i> , 2013, 351, 95-104.	3.3	52
12	Magnesium-isotope and REE compositions of Lower Ordovician carbonates from eastern Laurentia: Implications for the origin of dolomites and limestones. <i>Chemical Geology</i> , 2013, 356, 64-75.	3.3	66
13	Oxygen isotope fractionation between aragonite and seawater: Developing a novel kinetic oxygen isotope fractionation model. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 117, 232-251.	3.9	32
14	The influence of temperature and vital effects on magnesium isotope variability in <i>Porites</i> and <i>Astrangia</i> corals. <i>Chemical Geology</i> , 2013, 360-361, 105-117.	3.3	16
15	Rayleigh-based, multi-element coral thermometry: A biomineralization approach to developing climate proxies. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1920-1932.	3.9	108
16	Oxygen isotope constraints on the origin of high-Cr garnets from kimberlites. <i>Earth and Planetary Science Letters</i> , 2011, 312, 337-347.	4.4	16
17	Oxygen isotope constraints on the structure and evolution of the Hawaiian Plume. <i>Numerische Mathematik</i> , 2010, 310, 683-720.	1.4	8
18	Partitioning of Ni between olivine and siliceous eclogite partial melt: experimental constraints on the mantle source of Hawaiian basalts. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 661-678.	3.1	91

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19	Insights into the origin of low- $\delta^{18}\text{O}$ basaltic magmas in Hawaii revealed from in situ measurements of oxygen isotope compositions of olivines. <i>Earth and Planetary Science Letters</i> , 2008, 269, 377-387.	4.4	50
20	Mineral isotope evidence for the contemporaneous process of Mesozoic granite emplacement and gneiss metamorphism in the Dabie orogen. <i>Chemical Geology</i> , 2006, 231, 214-235.	3.3	90
21	Equilibrium thermodynamics of multiply substituted isotopologues of molecular gases. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 4779-4797.	3.9	279
22	Oxygen isotope geochemistry of the second HSDP core. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	31
23	Oxygen isotope equilibrium between eclogite minerals and its constraints on mineral Sm-Nd chronometer. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 625-634.	3.9	182
24	Carbon concentrations and isotopic ratios of eclogites from the Dabie and Sulu terranes in China. <i>Chemical Geology</i> , 2000, 168, 291-305.	3.3	48
25	Oxygen and hydrogen isotope geochemistry of gneisses associated with ultrahigh pressure eclogites at Shuanghe in the Dabie Mountains. <i>Contributions To Mineralogy and Petrology</i> , 1999, 134, 52-66.	3.1	64