

Corliss K Sio

List of Publications by Year in descending order

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15
papers

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686830

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1058022

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docs citations

15
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Magma redox and structural controls on iron isotope variations in Earth's mantle and crust. <i>Earth and Planetary Science Letters</i> , 2014, 398, 127-140.	1.8	214
2	Discerning crystal growth from diffusion profiles in zoned olivine by in situ Mg-Fe isotopic analyses. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 302-321.	1.6	135
3	A general moment NRIXS approach to the determination of equilibrium Fe isotopic fractionation factors: Application to goethite and jarosite. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 94, 254-275.	1.6	109
4	Spinel-olivine-pyroxene equilibrium iron isotopic fractionation and applications to natural peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 184-199.	1.6	63
5	Iron isotope fractionation in planetary crusts. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 89, 31-45.	1.6	60
6	Isotopic evidence for a young lunar magma ocean. <i>Earth and Planetary Science Letters</i> , 2019, 523, 115706.	1.8	40
7	Reduced partition function ratios of iron and oxygen in goethite. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 151, 19-33.	1.6	38
8	Iron, magnesium, and titanium isotopic fractionations between garnet, ilmenite, fayalite, biotite, and tourmaline: Results from NRIXS, ab initio, and study of mineral separates from the Moosilauke metapelite. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 302, 18-45.	1.6	34
9	The effect of core composition on iron isotope fractionation between planetary cores and mantles. <i>Earth and Planetary Science Letters</i> , 2019, 513, 124-134.	1.8	23
10	Thermal and crystallization histories of magmatic bodies by Monte Carlo inversion of Mg-Fe isotopic profiles in olivine. <i>Geology</i> , 2017, 45, 67-70.	2.0	22
11	The isotope effect for Mg-Fe interdiffusion in olivine and its dependence on crystal orientation, composition and temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 463-480.	1.6	21
12	Onset of magma ocean solidification on Mars inferred from Mn-Cr chronometry. <i>Earth and Planetary Science Letters</i> , 2020, 542, 116315.	1.8	19
13	The timing of lunar solidification and mantle overturn recorded in ferroan anorthosite 62237. <i>Earth and Planetary Science Letters</i> , 2020, 538, 116219.	1.8	18
14	Additive manufacturing of platinum group element (PGE) reference materials with a silica matrix. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8627.	0.7	6
15	Dissecting a volcano. <i>American Mineralogist</i> , 2016, 101, 1023-1024.	0.9	0