

Josh Wimpenny

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,657
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1710
citing authors

#	ARTICLE	IF	CITATIONS
1	The gallium isotopic composition of the Moon. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117318.	4.4	9
2	The formation and evolution of the Moon's crust inferred from the Sm-Nd isotopic systematics of highlands rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 290, 312-332.	3.9	21
3	Isotopic evidence for a young lunar magma ocean. <i>Earth and Planetary Science Letters</i> , 2019, 523, 115706.	4.4	40
4	The CM carbonaceous chondrite regolith Diepenveen. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1431-1461.	1.6	9
5	Carbonaceous achondrites Northwest Africa 6704/6693: Milestones for early Solar System chronology and genealogy. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 577-596.	3.9	84
6	Reassessing the origin and chronology of the unique achondrite Asuka 881394: Implications for distribution of ^{26}Al in the early Solar System. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 478-501.	3.9	24
7	Clay Minerals. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 265-275.	0.1	1
8	^{206}Pb and ^{26}Mg systematics of the ungrouped achondrite Northwest Africa 7325. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 31-45.	3.9	53
9	Clay Minerals. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-11.	0.1	2
10	Changes in magma storage conditions following caldera collapse at Okataina Volcanic Center, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	29
11	Lithium isotope fractionation during uptake by gibbsite. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 133-150.	3.9	67
12	Fall, recovery, and characterization of the Novato L6 chondrite breccia. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1388-1425.	1.6	59
13	Using Mg isotope ratios to trace Cenozoic weathering changes: A case study from the Chinese Loess Plateau. <i>Chemical Geology</i> , 2014, 376, 31-43.	3.3	62
14	Magma mixing and the generation of isotopically juvenile silicic magma at Yellowstone caldera inferred from coupling ^{238}U - ^{230}Th ages with trace elements and Hf and O isotopes in zircon and Pb isotopes in sanidine. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 587-613.	3.1	41
15	Chelyabinsk Airburst, Damage Assessment, Meteorite Recovery, and Characterization. <i>Science</i> , 2013, 342, 1069-1073.	12.6	487
16	Radar-Enabled Recovery of the Sutter's Mill Meteorite, a Carbonaceous Chondrite Regolith Breccia. <i>Science</i> , 2012, 338, 1583-1587.	12.6	191
17	Mg isotopic heterogeneity, ^{26}Mg isochrons, and canonical $^{26}\text{Al}/^{27}\text{Al}$ in the early solar system. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1980-1997.	1.6	66
18	The behaviour of magnesium and its isotopes during glacial weathering in an ancient shield terrain in West Greenland. <i>Earth and Planetary Science Letters</i> , 2011, 304, 260-269.	4.4	89

#	ARTICLE	IF	CITATIONS
19	The behaviour of Li and Mg isotopes during primary phase dissolution and secondary mineral formation in basalt. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5259-5279.	3.9	214
20	Glacial effects on weathering processes: New insights from the elemental and lithium isotopic composition of West Greenland rivers. <i>Earth and Planetary Science Letters</i> , 2010, 290, 427-437.	4.4	109