

# Josh Wimpenny

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11862741/publications.pdf>

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	Chelyabinsk Airburst, Damage Assessment, Meteorite Recovery, and Characterization. <i>Science</i> , 2013, 342, 1069-1073.	12.6	487
2	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
3	Radar-Enabled Recovery of the Sutter <sup>TM</sup> s Mill Meteorite, a Carbonaceous Chondrite Regolith Breccia. <i>Science</i> , 2012, 338, 1583-1587.	12.6	191
4	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
5	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
6	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
7	Lithium isotope fractionation during uptake by gibbsite. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 133-150.	3.9	67
8	Mg isotopic heterogeneity, Al <sup>63</sup> Mg isochrons, and canonical $\frac{^{26}\text{Al}}{^{27}\text{Al}}$ in the early solar system. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1980-1997.	1.6	66
9	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
10	Fall, recovery, and characterization of the Novato L6 chondrite breccia. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1388-1425.	1.6	59
11	U <sup>238</sup> -Pb and Al <sup>26</sup> -Mg systematics of the ungrouped achondrite Northwest Africa 7325. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 31-45.	3.9	53
12	Magma mixing and the generation of isotopically juvenile silicic magma at Yellowstone caldera inferred from coupling <sup>238</sup> U- <sup>230</sup> 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
13	Isotopic evidence for a young lunar magma ocean. <i>Earth and Planetary Science Letters</i> , 2019, 523, 115706.	4.4	40
14	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
15	Reassessing the origin and chronology of the unique achondrite Asuka 881394: Implications for distribution of <sup>26</sup> Al in the early Solar System. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 478-501.	3.9	24
16	The formation and evolution of the Moon <sup>TM</sup> 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
17	The CM carbonaceous chondrite regolith Diepenveen. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1431-1461.	1.6	9
18	The gallium isotopic composition of the Moon. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117318.	4.4	9

#	ARTICLE	IF	CITATIONS
19	Clay Minerals. Encyclopedia of Earth Sciences Series, 2016, , 1-11.	0.1	2
20	Clay Minerals. Encyclopedia of Earth Sciences Series, 2018, , 265-275.	0.1	1