

Neil R Bennett

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

248
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Incompatibility of argon during magma ocean crystallization. <i>Earth and Planetary Science Letters</i> , 2021, 553, 116598.	4.4	4
2	Additive manufacturing of platinum group element (PGE) reference materials with a silica matrix. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8627.	1.5	6
3	Iron isotope fractionation at the core–mantle boundary by thermodiffusion. <i>Nature Geoscience</i> , 2020, 13, 382-386.	12.9	13
4	Abundance of highly siderophile elements in lunar basalts controlled by iron sulfide melt. <i>Nature Geoscience</i> , 2019, 12, 701-706.	12.9	24
5	Early episodes of high-pressure core formation preserved in plume mantle. <i>Nature</i> , 2018, 553, 491-495.	27.8	38
6	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.	3.9	21
7	Pressure, sulfur, and metal-silicate partitioning: The effect of sulfur species on the parameterization of experimental results. <i>American Mineralogist</i> , 2018, 103, 1068-1079.	1.9	1
8	Insufficient Energy From MgO Exsolution to Power Early Geodynamo. <i>Geophysical Research Letters</i> , 2017, 44, 11,376.	4.0	24
9	Experimental Results on Fractionation of the Highly Siderophile Elements (HSE) at Variable Pressures and Temperatures during Planetary and Magmatic Differentiation. <i>Reviews in Mineralogy and Geochemistry</i> , 2016, 81, 1-87.	4.8	90
10	Metal-silicate Partitioning at High Pressure and Temperature: Experimental Methods and a Protocol to Suppress Highly Siderophile Element Inclusions. <i>Journal of Visualized Experiments</i> , 2015, , e52725.	0.3	1
11	A Synthesis of Instrumental Analytical Techniques for Examination of the Thermal History of Pallasite Meteorites. <i>Microscopy and Microanalysis</i> , 2014, 20, 1690-1691.	0.4	0
12	Controls on the solubility of rhenium in silicate melt: Implications for the osmium isotopic composition of Earth's mantle. <i>Earth and Planetary Science Letters</i> , 2013, 361, 320-332.	4.4	19
13	Soret separation of highly siderophile elements in Fe–Ni–S melts: Implications for solid metal–liquid metal partitioning. <i>Earth and Planetary Science Letters</i> , 2010, 298, 299-305.	4.4	7