

Mingda Lv

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8845636/publications.pdf>

Version: 2024-02-01

9
papers

85
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron spin state in silicate perovskite at conditions of the Earth's deep interior. High Pressure Research, 2013, 33, 663-672.	1.2	27
2	Multidisciplinary Constraints on the Thermal-Chemical Boundary Between Earth's Core and Mantle. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	15
3	Reversal of carbonate-silicate cation exchange in cold slabs in Earth's lower mantle. Nature Communications, 2021, 12, 1712.	12.8	13
4	Loss of immiscible nitrogen from metallic melt explains Earth's missing nitrogen. Geochemical Perspectives Letters, 0, , 18-22.	5.0	8
5	Effects of composition and pressure on electronic states of iron in bridgmanite. American Mineralogist, 2020, 105, 1030-1039.	1.9	7
6	Iron force constants of bridgmanite at high pressure: Implications for iron isotope fractionation in the deep mantle. Geochimica Et Cosmochimica Acta, 2021, 294, 215-231.	3.9	5
7	Spin Transitions and Compressibility of $^5\text{Fe}^{7+}$ and $^3\text{Fe}^{4+}$: Implications for Iron Alloys in Terrestrial Planet Cores. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020660.	3.4	4
8	Thermal equation of state of post-aragonite CaCO_3 -Pmmn. American Mineralogist, 2020, 105, 1365-1374.	1.9	4
9	Strength, deformation, and equation of state of tungsten carbide to 66 GPa. Acta Materialia, 2021, 220, 117301.	7.9	2