

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
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1588992
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9
all docs

9
docs citations

9
times ranked

130
citing authors

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