

Shengxuan Huang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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1683934
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all docs

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docs citations

9
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Medium-range structure motifs of complex iron oxides. <i>Journal of Applied Physics</i> , 2022, 131, .	1.1	4
2	High-Pressure Phase Stability and Thermoelastic Properties of Iron Carbonitrides and Nitrogen in the Deep Earth. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021934.	1.4	3
3	Pressure-Induced Phase Transition in $\text{Mn}(\text{Ta,Nb})_2\text{O}_6$: An Experimental Investigation and First-Principle Study. <i>Inorganic Chemistry</i> , 2020, 59, 18122-18130.	1.9	6
4	Magnetism-Vanishing Stabilizes the Pyrite-Type 3d Transition Metal Peroxides at High Pressures. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10085-10093.	1.5	1
5	Elasticity and Anisotropy of the Pyrite-Type $\text{FeO}_2\text{H-FeO}_2$ System in Earth's Lowermost Mantle. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 1293-1301.	1.1	7
6	Stability and anisotropy of $(\text{Fe}_x\text{Ni}_{1-x})_2\text{O}$ under high pressure and implications in Earth's and super-Earth's core. <i>Scientific Reports</i> , 2018, 8, 236.	1.6	8
7	Ultra-high-Pressure Phase Transitions in FeS_2 and FeO_2 : Implications for Super-Earth's Deep Interior. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 277-284.	1.4	10
8	Structural, magnetic and electronic properties of CrO_2 at multimegabar pressures. <i>RSC Advances</i> , 2018, 8, 24561-24570.	1.7	10
9	Pressure-induced structural and spin transitions of Fe_3S_4 . <i>Scientific Reports</i> , 2017, 7, 46334.	1.6	10