

Zhenxian Liu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

302
citations

1478505

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1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetry progression and possible polar metallicity in NiPS3 under pressure. Npj 2D Materials and Applications, 2022, 6, .	7.9	4
2	High-pressure phase transformation of carbonate malachite Cu ₂ (CO ₃)(OH) ₂ driven by [CuO ₆] regularization and [CO ₃] rotation. Geoscience Frontiers, 2021, 12, 965-973.	8.4	7
3	Spinâ€“Lattice Coupling Across the Magnetic Quantum-Phase Transition in Copper-Containing Coordination Polymers. Inorganic Chemistry, 2020, 59, 2127-2135.	4.0	7
4	Lattice frustration in spin-orbit Mott insulator Sr ₃ Ir ₂ O ₇ at high pressure. Npj Quantum Materials, 2019, 4, .	5.2	12
5	Large bandgap of pressurized trilayer graphene. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9186-9190.	7.1	59
6	Modifying Carbon Nitride through Extreme Phosphorus Substitution. , 2019, 1, 14-19.		13
7	Thermally induced coloration of KBr at high pressures. Physical Review B, 2018, 97, .	3.2	7
8	High-pressure spectroscopic investigation of multiferroic $\text{Ni}_{1-x}\text{Mn}_x\text{Ni}_2\text{S}_2$. Physical Review B, 2018, 98, .	3.2	7
9	Isothermal pressure-derived metastable states in 2D hybrid perovskites showing enduring bandgap narrowing. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8076-8081.	7.1	137
10	A role for subducted super-hydrated kaolinite in Earthâ€™s deep water cycle. Nature Geoscience, 2017, 10, 947-953.	12.9	47
11	Competing magnetostructural phases in a semiclassical system. Npj Quantum Materials, 2017, 2, .	5.2	5
12	Infrared and Raman Microspectroscopy of Materials Under Pressure. Microscopy and Microanalysis, 2003, 9, 1098-1099.	0.4	0