

Mingqiang Gu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

487
citations

933447

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752698

20
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22
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22
docs citations

22
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme tensile strain states in La _{0.7} Ca _{0.3} MnO ₃ membranes. Science, 2020, 368, 71-76.	12.6	151
2	Observation of Quasi-Two-Dimensional Polar Domains and Ferroelastic Switching in a Metal, Ca ₃ Ru ₂ O ₇ . Nano Letters, 2018, 18, 3088-3095.	9.1	62
3	Spectral signatures of the surface anomalous Hall effect in magnetic axion insulators. Nature Communications, 2021, 12, 3524.	12.8	43
4	Half-Magnetic Topological Insulator with Magnetization-Induced Dirac Gap at a Selected Surface. Physical Review X, 2021, 11, .	8.9	39
5	Spectral Addressability in a Modular Two Qubit System. Journal of the American Chemical Society, 2021, 143, 8069-8077.	13.7	39
6	Pressure-Tuned Intralayer Exchange in Superlattice-Like MnBi ₂ Te ₄ (Bi ₂ Te ₃) _n Topological Insulators. Nano Letters, 2021, 21, 5874-5880.	9.1	27
7	Interlayer magnetophononic coupling in MnBi ₂ Te ₄ . Nature Communications, 2022, 13, 1929.	12.8	22
8	Uniaxial Strain-Controlled Ground States in Manganite Films. Nano Letters, 2020, 20, 1131-1140.	9.1	21
9	Atomic and electronic structure of domains walls in a polar metal. Physical Review B, 2019, 99, .	3.2	19
10	Comprehensive anisotropic linear optical properties of the Weyl semimetals TaAs and NbAs. Physical Review B, 2021, 103, .	3.2	11
11	Ultrafast Band Engineering and Transient Spin Currents in Antiferromagnetic Oxides. Scientific Reports, 2016, 6, 25121.	3.3	8
12	Coupling Among Carriers and Phonons in Femtosecond Laser Pulses Excited SrRuO ₃ : A Promising Candidate for Optomechanical and Optoelectronic Applications. ACS Applied Nano Materials, 2019, 2, 3882-3888.	5.0	8
13	Observation of Magnetism-Induced Topological Edge State in Antiferromagnetic Topological Insulator MnBi ₄ Te ₇ . ACS Nano, 2022, 16, 9810-9818.	14.6	8
14	Discovery of Cu ₃ Pb. Angewandte Chemie - International Edition, 2018, 57, 12809-12813.	13.8	7
15	Comprehensive magnetic phase diagrams of the polar metal $C_{12}A_7$ C_{12}A_7		

#	ARTICLE	IF	CITATIONS
19	Antitumor Effect of Cycle Inhibiting Factor Expression in Colon Cancer via Salmonella VNP20009. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1722-1727.	1.7	2
20	Coupled Raman-Raman modes in the ionic Raman scattering process. <i>Applied Physics Letters</i> , 2018, 113, 112903.	3.3	1
21	Spin-phonon dispersion in magnetic materials. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 375802.	1.8	1
22	Magnetic-Field-Induced Dielectric Anomalies in Cobalt-Containing Garnets. <i>Inorganic Chemistry</i> , 2022, 61, 5452-5458.	4.0	0