

Mingqiang Gu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

487
citations

933447

10
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Crossover between Bulk and Interface Photovoltaic Mechanisms in a Ferroelectric Vertical Heterostructure. <i>Physical Review Applied</i> , 2022, 17, .	3.8	6
2	Magnetic-Field-Induced Dielectric Anomalies in Cobalt-Containing Garnets. <i>Inorganic Chemistry</i> , 2022, 61, 5452-5458.	4.0	0
3	Interlayer magnetophononic coupling in MnBi ₂ Te ₄ . <i>Nature Communications</i> , 2022, 13, 1929.	12.8	22
4	Observation of Magnetism-Induced Topological Edge State in Antiferromagnetic Topological Insulator MnBi ₄ Te ₇ . <i>ACS Nano</i> , 2022, 16, 9810-9818.	14.6	8
5	Spin-phonon dispersion in magnetic materials. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 375802.	1.8	1
6	Half-Magnetic Topological Insulator with Magnetization-Induced Dirac Gap at a Selected Surface. <i>Physical Review X</i> , 2021, 11, .	8.9	39
7	Comprehensive anisotropic linear optical properties of the Weyl semimetals TaAs and NbAs. <i>Physical Review B</i> , 2021, 103, .	3.2	11
8	Spectral Addressability in a Modular Two Qubit System. <i>Journal of the American Chemical Society</i> , 2021, 143, 8069-8077.	13.7	39
9	Correlation between Spin and Orbital Dynamics during Laser-Induced Femtosecond Demagnetization. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14461-14467.	3.1	2
10	Spectral signatures of the surface anomalous Hall effect in magnetic axion insulators. <i>Nature Communications</i> , 2021, 12, 3524.	12.8	43
11	Pressure-Tuned Intralayer Exchange in Superlattice-Like MnBi ₂ Te ₄ (Bi ₂ Te ₃) _n Topological Insulators. <i>Nano Letters</i> , 2021, 21, 5874-5880.	9.1	27
12	Extreme tensile strain states in La _{0.7} Ca _{0.3} MnO ₃ membranes. <i>Science</i> , 2020, 368, 71-76.	12.6	151
13	Uniaxial Strain-Controlled Ground States in Manganite Films. <i>Nano Letters</i> , 2020, 20, 1131-1140.	9.1	21
14	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
15	Atomic and electronic structure of domains walls in a polar metal. <i>Physical Review B</i> , 2019, 99, .	3.2	19
16	Comprehensive magnetic phase diagrams of the polar metal C		

#	ARTICLE	IF	CITATIONS
19	Coupled Raman-Raman modes in the ionic Raman scattering process. Applied Physics Letters, 2018, 113, 112903.	3.3	1
20	Discovery of Cu ₃ Pb. Angewandte Chemie, 2018, 130, 12991-12995.	2.0	3
21	Discovery of Cu ₃ Pb. Angewandte Chemie - International Edition, 2018, 57, 12809-12813.	13.8	7
22	Ultrafast Band Engineering and Transient Spin Currents in Antiferromagnetic Oxides. Scientific Reports, 2016, 6, 25121.	3.3	8