

Somnath Ghara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9648537/publications.pdf>

Version: 2024-02-01

24
papers

613
citations

687363

13
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Confirming the trilinear form of the optical magnetoelectric effect in the polar honeycomb antiferromagnet Co ₂ Mo ₃ O ₈ . Npj Quantum Materials, 2022, 7, .	5.2	26
2	Probing multiferroic order parameters and domain population via nuclear spins. Physical Review B, 2022, 105, .	3.2	3
3	Resolving structural changes and symmetry lowering in spinel FeCr_2S_4 . Physical Review B, 2022, 105, .	3.2	3
4	Strain Driven Conducting Domain Walls in a Mott Insulator. Advanced Electronic Materials, 2022, 8, .	5.1	2
5	Giant conductivity of mobile non-oxide domain walls. Nature Communications, 2021, 12, 3975.	12.8	14
6	Macroscopic manifestation of domain-wall magnetism and magnetoelectric effect in a Néel-type skyrmion host. Npj Quantum Materials, 2020, 5, .	5.2	20
7	Enhancement of magnetodielectric coupling in Gd perovskites Ba_3O_9 for		

#	ARTICLE	IF	CITATIONS
19	Structural and magnetic properties of a new and ordered quaternary alloy $MnNiCuS_6$ (SG: TJ) ETQq110.784314rgBT/Overlock101150 Magnetic Materials, 2016, 397, 315-318.	2.3	12
20	Capacitive and magnetoresistive origin of magnetodielectric effects in Sm-substituted spiral antiferromagnet $BiMnFe_2O_6$. <i>Journal of Applied Physics</i> , 2015, 118, 164103.	2.5	7
21	Effect of internal electric field on ferroelectric polarization in multiferroic $TbMnO_3$. <i>Solid State Communications</i> , 2015, 205, 61-65.	1.9	58
22	Temperature dependent magnetic, dielectric and Raman studies of partially disordered La_2NiMnO_6 . <i>Solid State Communications</i> , 2014, 184, 47-51.	1.9	45
23	Reentrant spin-glass state and magnetodielectric effect in the spiral magnet $BiMn_6FeO_{64}$. <i>Physical Review B</i> , 2014, 90, .	3.2	64
24	Optical, Dielectric, and Magnetoelectric Properties of Ferroelectric and Antiferroelectric Lacunar Spinel. <i>Physica Status Solidi (B): Basic Research</i> , 0, , 2100160.	1.5	9