

Aga Shahee

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36
papers

284
citations

9
h-index

15
g-index

45
ext. papers

384
ext. citations

3.8
avg, IF

3.29
L-index

#	Paper	IF	Citations
36	Complex dielectric and impedance behavior of magnetoelectric Fe ₂ TiO ₅ . <i>Journal of Alloys and Compounds</i> , 2016 , 663, 289-294	5.7	49
35	Multiglass properties and magnetoelectric coupling in the uniaxial anisotropic spin-cluster-glass Fe ₂ TiO ₅ . <i>Physical Review B</i> , 2014 , 90,	3.3	39
34	Magnetocaloric effect and magnetic properties of the isovalent Sr ²⁺ substituted Ba ₂ FeMoO ₆ double perovskite. <i>Ceramics International</i> , 2017 , 43, 10080-10088	5.1	27
33	Impact of annealing on the structural and optical properties of ZnO nanoparticles and tracing the formation of clusters via DFT calculation. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 2207-2218	5.9	25
32	Dislocations and particle size governed band gap and ferromagnetic ordering in Ni doped ZnO nanoparticles synthesized via co-precipitation. <i>Ceramics International</i> , 2019 , 45, 23341-23354	5.1	23
31	Evidence of ferromagnetic short-range correlations in cubic La _{1-x} Sr _x MnO ₃ (x = 0.80, 0.85) above antiferromagnetic ordering. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 1832-1838	1.3	12
30	Effect of oxygen off-stoichiometry on coupled structural and magnetic phase-transitions in La _{0.15} Sr _{0.85} MnO ₃ (δ = 0.02, 0.14). <i>Solid State Communications</i> , 2014 , 177, 84-88	1.6	9
29	Kinetic arrest of the first-order to R3c Pbnm phase transition in supercooled La(x)MnO(3+δ) (x = 1 and 0.9). <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 225405	1.8	9
28	Contrasting temperature dependence of the band gap in CH ₃ NH ₃ PbX ₃ (X=I, Br, Cl): Insight from lattice dilation and electron-phonon coupling. <i>Physical Review B</i> , 2020 , 102,	3.3	9
27	Oxygen-deficiency-induced suppression of JT distortion and stabilization of charge ordering in La _{0.2} Sr _{0.8} MnO ₃ . <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 965-973	1.3	8
26	Magnetic field-induced ferroelectricity in S = 1/2 kagome staircase compound PbCu ₃ TeO ₇ . <i>Npj Quantum Materials</i> , 2018 , 3,	5	8
25	Low-temperature high magnetic field powder x-ray diffraction setup for field-induced structural phase transition studies from 2 to 300 K and at 0 to 8-T field. <i>Review of Scientific Instruments</i> , 2016 , 87, 105110	1.7	7
24	Unconventional magnetism in the 4d ⁴ -based S=1 honeycomb system Ag ₃ LiRu ₂ O ₆ . <i>Physical Review B</i> , 2019 , 99,	3.3	7
23	Structural, thermodynamic, and local probe investigations of the honeycomb material Ag ₃ LiMn ₂ O ₆ . <i>Physical Review B</i> , 2019 , 99,	3.3	6
22	Low Cost Ferroelectric Loop Study Set up With New and Simple Compensation Circuit: Operated at Variable Frequencies. <i>Ferroelectrics, Letters Section</i> , 2011 , 38, 78-85	0.5	6
21	Development of low temperature and high magnetic field X-ray diffraction facility 2015 ,		5
20	Strong charge ordering above room temperature in B-site disordered electron-doped manganite SrMn _{0.875} Mo _{0.125} O ₃ . <i>Materials Research Express</i> , 2015 , 2, 046106	1.7	3

19	Lattice expansion in ZnSe quantum dots. <i>Materials Letters</i> , 2011 , 65, 1625-1627	3-3	3
18	Charge orbital and spin ordering transitions in La _{1-x} Sr _x MnO ₃ (x = 0.67 & 0.71). <i>Journal of Alloys and Compounds</i> , 2019 , 782, 277-287	5-7	3
17	Nano scale phase coexistence and charge-ordering with 3d x 2 -y 2 orbital-ordering in La _{0.25} Sr _{0.75} MnO ₃ . <i>Journal of Alloys and Compounds</i> , 2017 , 714, 79-88	5-7	2
16	Infield X-ray diffraction studies of field and temperature driven structural phase transition in Nd _{0.49} Sr _{0.51} MnO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 434, 174-180	2.8	2
15	Studies on magnetic field and temperature driven magneto-structural phase transition in La _{0.5} Sr _{0.5} MnO ₃ . <i>Journal of Alloys and Compounds</i> , 2017 , 708, 734-742	5-7	2
14	Comment on Quantum paraelectric glass state in SrCu ₃ Ti ₄ O ₁₂ [Appl. Phys. Lett. 104, 262905 (2014)]. <i>Applied Physics Letters</i> , 2015 , 106, 026101	3-4	2
13	Structural, electronic and magnetic properties of Sm _{0.55} Sr _{0.45} Ag _x MnO ₃ (0.00 ≤ x ≤ 0.10) system. <i>Journal of Alloys and Compounds</i> , 2016 , 661, 216-220	5-7	2
12	Direct visualization of cubic to tetragonal phase transition in La _{0.2} Sr _{0.8} MnO ₃ using transmission electron microscopy. <i>Physica B: Condensed Matter</i> , 2014 , 448, 290-296	2.8	2
11	In-field X-ray and neutron diffraction studies of re-entrant charge-ordering and field induced metastability in La _{0.175} Pr _{0.45} Ca _{0.375} MnO ₃ . <i>Journal of Applied Physics</i> , 2017 , 122, 175902	2.5	2
10	Structural studies on Multiferroic La _{1-x} BixCrO ₃ Perovskites 2011 ,		2
9	Effect on optical and structural parameters in heavy Ca-doped ZnO nanostructures. <i>Materials Technology</i> , 2021 , 36, 529-540	2.1	2
8	The spin-1/2 coupled tetramer system Ba(TiO)Cu ₄ (PO ₄) ₄ probed by magnetization, specific heat, and ³¹ P NMR. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 492, 165600	2.8	1
7	Geometrical frustration in a new S = 1 distorted check-board lattice PbCuTeO ₅ 2017 ,		1
6	Oxygen stoichiometry: A key parameter to tune structural phase diagram of La _{0.2} Sr _{0.8} MnO ₃ . 2015 ,		1
5	Observation of Spin-Induced Ferroelectricity in a Layered van der Waals Antiferromagnet CuCrP ₂ S ₆ . <i>Advanced Electronic Materials</i> , 2101072	6.4	1
4	Gapless Quantum Spin Liquid in the Triangular System Sr ₃ CuSb ₂ O ₉ . <i>Physical Review Letters</i> , 2020 , 125, 267202	7.4	1
3	Observation of Anomalously Large Magnetoelectric Coupling in the Hexagonal Z-Type Ferrite Films. <i>Advanced Electronic Materials</i> , 2101294	6.4	0
2	Charge ordering in B-site Mo doped Pr _{0.20} Sr _{0.80} Mn _{1-x} Mo _x O ₃ . <i>Journal of Alloys and Compounds</i> , 2017 , 722, 878-887	5-7	

- 1 Explore the charge transfer and d-d excitation in perovskite manganite using 2p3d resonant inelastic X-ray scattering. *Journal of Alloys and Compounds*, **2022**, 904, 164020

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