

M A Islam

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

261
citations

1163117

8
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced ductility and optoelectronic properties of environment-friendly CsGeCl ₃ under pressure. AIP Advances, 2021, 11, .	1.3	50
2	A comparative study of hydrostatic pressure treated environmentally friendly perovskites CsXBr ₃ (X =) Tj ETQq0 0 0 ggBT /Overlock 10 T	1.3	40
3	Strain-Driven Optical, Electronic, and Mechanical Properties of Inorganic Halide Perovskite CsGeBr ₃ . ECS Journal of Solid State Science and Technology, 2022, 11, 033001.	1.8	27
4	Structural characteristics, cation distribution, and elastic properties of Cr ³⁺ substituted stoichiometric and non-stoichiometric cobalt ferrites. RSC Advances, 2022, 12, 8502-8519.	3.6	25
5	Preparation of high crystalline nanoparticles of rare-earth based complex pervoskites and comparison of their structural and magnetic properties with bulk counterparts. Materials Research Express, 2017, 4, 075012.	1.6	22
6	Effect of Phosphorus Segregation on Fracture Properties of 2.25Cr-1Mo Pressure Vessel Steel. Journal of Materials Engineering and Performance, 2003, 12, 244-248.	2.5	20
7	A Theoretical Investigation on the Physical Properties of SrPd ₂ Sb ₂ Superconductor. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1133-1139.	1.8	16
8	Frequency and Temperature Dependent Dielectric and Magnetic Properties of Manganese Doped Cobalt Ferrite Nanoparticles. Journal of Electronic Materials, 2019, 48, 7721-7729.	2.2	15
9	Magnetic properties, magnetocaloric effect, and critical behaviors in Co _{1-x} Cr _x Fe ₂ O ₄ . RSC Advances, 2022, 12, 17362-17378.	3.6	10
10	Magnetic, magnetocaloric, and dielectric properties of polycrystalline perovskite La _{0.7} Ca _{0.2} Pb _{0.1} CoO ₃ . AIP Advances, 2020, 10, 015033.	1.3	7
11	Study of A-site disorder dependent structural properties and magnetic ordering in polycrystalline perovskite Sm _{0.5} Ca _{0.5-x} Sr _x MnO ₃ . Journal of Physics Communications, 2019, 3, 105012.	1.2	6
12	Analysis of grain growth, structural and magnetic properties of Li-Ni-Zn ferrite under the influence of sintering temperature. Heliyon, 2019, 5, e01199.	3.2	6
13	Effect of M (Ni, Cu, Zn) doping on the structural, electronic, optical, and thermal properties of CdI ₂ : DFT based theoretical studies. AIP Advances, 2021, 11, .	1.3	4
14	Influence on structural, electronic and optical properties of Fe doped <sc>ZnS</sc> quantum dot: A density functional theory based study. International Journal of Quantum Chemistry, 2021, 121, e26786.	2.0	4
15	Influence of Mg substitution on structural, magnetic and electrical properties of Zn-Cu ferrites. Journal of Materials Science: Materials in Electronics, 2021, 32, 26173-26180.	2.2	3
16	Structural and magnetic properties of ball-milled powders of (Fe _{1-x} Mn _x) ₇₅ P ₁₅ C ₁₀ met-glass. AIP Advances, 2021, 11, 025036.	1.3	2
17	Magnetocaloric properties and analysis of the critical point exponents of Pr _{0.55} Ca _x Sr _{0.45-x} MnO ₃ (x=0.00, 0.05, 0.1 and 0.2) at PM-FM phase transition. Results in Physics, 2021, 28, 104546.	4.1	2
18	Influence of manganese substitution on magnetoresistance and magnetic properties of (Fe _{1-x} Mn _x) ₇₅ P ₁₅ C ₁₀ alloy ribbons. Journal of Non-Crystalline Solids, 2019, 521, 119473.	3.1	1

#	ARTICLE	IF	CITATIONS
19	Role of Lachesis and Gripp Heel in the Treatment of COVID-19. Homopathic Links, 2020, 33, 233-234.	0.0	1