M A Islam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5044753/publications.pdf

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	Structural characteristics, cation distribution, and elastic properties of Cr³⁺ substituted stoichiometric and non-stoichiometric cobalt ferrites. RSC Advances, 2022, 12, 8502-8519.	3.6	25
2	Strain-Driven Optical, Electronic, and Mechanical Properties of Inorganic Halide Perovskite CsGeBr₃. ECS Journal of Solid State Science and Technology, 2022, 11, 033001.	1.8	27
3	Magnetic properties, magnetocaloric effect, and critical behaviors in Co_{1â^'x}Cr_xFe₂O₄. RSC Advances, 2022, 12, 17362-17378.	3.6	10
4	A Theoretical Investigation on the Physical Properties of SrPd2Sb2 Superconductor. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1133-1139.	1.8	16
5	Structural and magnetic properties of ball-milled powders of (Fe1â^'xMnx)75P15C10 met-glass. AIP Advances, 2021, 11, 025036.	1.3	2
6	Enhanced ductility and optoelectronic properties of environment-friendly CsGeCl3 under pressure. AIP Advances, 2021, 11, .	1.3	50
7	Effect of M (Ni, Cu, Zn) doping on the structural, electronic, optical, and thermal properties of CdI2: DFT based theoretical studies. AIP Advances, 2021, 11, .	1.3	4
8	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
9	A comparative study of hydrostatic pressure treated environmentally friendly perovskites CsXBr3 (X =) Tj ETQq1 1 0.784314 rgBT /Ov	1.3	40
10	Influence on structural, electronic and optical properties of Fe doped <scp>ZnS</scp> quantum dot: A density functional theory based study. International Journal of Quantum Chemistry, 2021, 121, e26786.	2.0	4
11	Magnetocaloric properties and analysis of the critical point exponents of Pr0.55CaxSr0.45-xMnO3 (xÂ=Â0.00, 0.05, 0.1 and 0.2) at PM-FM phase transition. Results in Physics, 2021, 28, 104546.	4.1	2
12	Magnetic, magnetocaloric, and dielectric properties of polycrystalline perovskite La0.7Ca0.2Pb0.1CoO3. AIP Advances, 2020, 10, 015033.	1.3	7
13	Role of Lachesis and Gripp Heel in the Treatment of COVID-19. Homopathic Links, 2020, 33, 233-234.	0.0	1
14	Study of A-site disorder dependent structural properties and magnetic ordering in polycrystalline perovskite Sm0.5Ca0.5â^'xSrxMnO3. Journal of Physics Communications, 2019, 3, 105012.	1.2	6
15	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
16	Influence of manganese substitution on magnetoresistance and magnetic properties of (Fe1-x Mnx)75 P15 C10 alloy ribbons. Journal of Non-Crystalline Solids, 2019, 521, 119473.	3.1	1
17	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
18	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

#	Article	IF	Citations
19	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