Rehan Ullah

List of Publications by Year
in descending order

14	285	840585 11	1058333 14
papers	citations	h-index	g-index

14	14	14	125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring electronic, structural, magnetic and thermoelectric properties of novel Ba2EuMoO6 double perovskite. Materials Science in Semiconductor Processing, 2022, 137, 106218.	1.9	10
2	Effect of cation exchange on structural, electronic, magnetic and transport properties of Ba2MReO6 (MÂ=ÂIn, Gd). Journal of Magnetism and Magnetic Materials, 2022, 546, 168816.	1.0	14
3	Modeling of bulk modulus of A2BX6 cubic crystals (A = K, Cs, Rb, Tl, NH4; B = tetravalent cation; X = F,) Tj ETQq1 1 0.784314 rgBT /O	1.8	7
4	Influence of the spin-orbit coupling effect on the electronic and thermoelectric properties of Cs2MI6 (M = Zr, Hf) variant perovskites. Materials Research Bulletin, 2021, 134, 111112.	2.7	11
5	An investigation of half-metallic variant perovskites A2NbCl6 (A= K, Rb) for spintronic based applications. Journal of Solid State Chemistry, 2021, 293, 121823.	1.4	14
6	An investigation of structural, elastic, mechanical, electronic, magnetic and thermoelectric properties of ferromagnetic half metallic EuCrO3. Materials Science in Semiconductor Processing, 2021, 122, 105487.	1.9	12
7	Pressureâ€dependent <scp>elastoâ€mechanical</scp> stability and thermoelectric properties of <scp> MYbF ₃ </scp> (M = Rb, Cs) materials for renewable energy. International Journal of Energy Research, 2021, 45, 8711-8723.	2.2	48
8	Spin-based transport properties of Cs2WX6 (Xâ€‰=â€‰Cl, Br) ferromagnets for spin-injected thermoelectric current. European Physical Journal Plus, 2021, 136, 1.	1.2	12
9	Pressure induced structural, electronic, optical and thermal properties of CsYbBr3, a theoretical investigation. Journal of Materials Research and Technology, 2021, 10, 687-696.	2.6	13
10	Modeling of structural, elastic, mechanical, acoustical, electronic and thermodynamic properties of XPdF₃ (X = Rb, Tl) perovskites through density functional theory. Physica Scripta, 2020, 95, 075705.	1.2	24
11	Ab initio study for the structural, electronic, magnetic, optical, and thermoelectric properties of <scp> K ₂ OsX ₆ </scp> (X = Cl, Br) compounds. International Journal of Energy Research, 2020, 44, 9035-9049.	2.2	36
12	Insight into pressure tunable structural, electronic and optical properties of "Equation missing" <!-- No EquationSource Format="TEX", only image --> via DFT calculations. European Physical Journal Plus, 2020, 135, 1.	1.2	32
13	The significance of antiâ€fluorite <scp> Cs ₂ NbI ₆ </scp> via its structural, electronic, magnetic, optical and thermoelectric properties. International Journal of Energy Research, 2020, 44, 10179-10191.	2.2	25
14	Structural, electronic and optical properties of cubic perovskite RbYbF₃ under pressure: a first principles study. Materials Research Express, 2019, 6, 125901.	0.8	27