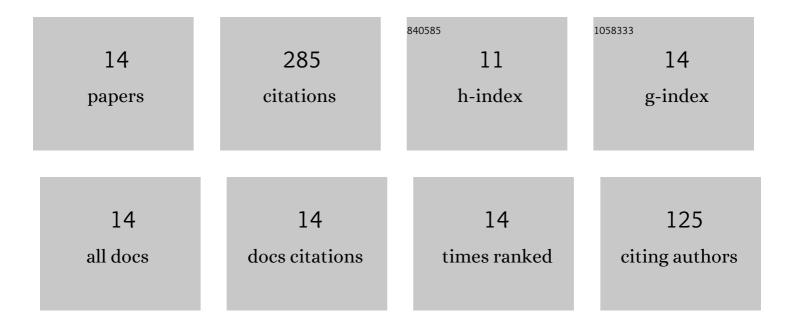
Rehan Ullah

List of Publications by Year in descending order

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REHAN LILLAH

#	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=Âln, 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 0,78432 1.8	14 ₇ rgBT /Ov
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 (X = 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 XPdF ₃ (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" <br 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 Nbl 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 RbYbF ₃ under pressure: a first principles study. Materials Research Express, 2019, 6, 125901.	0.8	27