

M Zahidur Rahaman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14 papers	154 citations	8 h-index	12 g-index
14 ext. papers	234 ext. citations	3.2 avg, IF	3.77 L-index

#	Paper	IF	Citations
14	RbSnX (X = Cl, Br, I): promising lead-free metal halide perovskites for photovoltaics and optoelectronics.. <i>RSC Advances</i> , 2022 , 12, 7497-7505	3.7	2
13	A Theoretical Investigation on the Physical Properties of SrPd ₂ Sb ₂ Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021 , 34, 1133-1139	1.5	6
12	A comparative study of hydrostatic pressure treated environmentally friendly perovskites CsXBr ₃ (X = Ge/Sn) for optoelectronic applications. <i>AIP Advances</i> , 2021 , 11, 075109	1.5	6
11	An experimental and theoretical insights into the dielectric properties of (Li, Nd) co-doped ZnO ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 20113-20128	2.1	1
10	Effect of Y substitution on magnetic and transport properties of Ba _{0.95} La _{0.05} Ti _{1-x} Y _x O ₃ ceramics. <i>Results in Physics</i> , 2019 , 12, 1925-1932	3.7	17
9	The physical properties of ThCr ₂ Si ₂ - type nickel-based superconductors BaNi ₂ T ₂ (T = P, As): An ab-initio study. <i>Chinese Journal of Physics</i> , 2019 , 59, 58-69	3.5	5
8	Analysis of grain growth, structural and magnetic properties of Li-Ni-Zn ferrite under the influence of sintering temperature. <i>Heliyon</i> , 2019 , 5, e01199	3.6	2
7	Pressure-dependent mechanical and thermodynamic properties of newly discovered cubic Na ₂ He. <i>Chinese Journal of Physics</i> , 2018 , 56, 231-237	3.5	8
6	Effect of metal doping on the visible light absorption, electronic structure and mechanical properties of non-toxic metal halide CsGeCl ₃ . <i>RSC Advances</i> , 2018 , 8, 33010-33018	3.7	32
5	ThCr ₂ Si ₂ -type Ru-based superconductors LaRu ₂ M ₂ (M = P and As): An ab-initio investigation. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 2827-2834	5.7	15
4	Prediction of a new transition metal oxide MgRhO ₃ with SrTiO ₃ -type structure: Stability, structure and physical characteristics. <i>Chinese Journal of Physics</i> , 2017 , 55, 1489-1494	3.5	10
3	Novel 122-type Ir-based superconductors BaIr ₂ Mi ₂ (M = P and As): A density functional study. <i>Journal of Alloys and Compounds</i> , 2017 , 711, 327-334	5.7	14
2	Novel Laves phase superconductor NbBe ₂ : A theoretical investigation. <i>Computational Condensed Matter</i> , 2016 , 8, 7-13	1.7	22
1	First principles investigation of structural, elastic, electronic and optical properties of HgGeB ₂ (B = P, As) chalcopyrite semiconductors. <i>Computational Condensed Matter</i> , 2016 , 9, 19-26	1.7	14