

Shabir Ahmad Mir

List of Publications by Year in descending order

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12
papers

304
citations

1040056

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docs citations

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123
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#	ARTICLE	IF	CITATIONS
1	Investigating the magneto-electronic, structural, mechanical, and thermodynamic properties of filled skutterudite NdRu ₄ Sb ₁₂ and EuRu ₄ Sb ₁₂ : A first-principles perspective. International Journal of Quantum Chemistry, 2022, 122, e26834.	2.0	0
2	Analysis of Cage Structured Halide Double Perovskites Cs ₂ NaMCl ₆ (M = Ti, V) by Spin Polarized Calculations. Journal of Alloys and Compounds, 2021, 854, 156000.	5.5	44
3	Understanding the origin of semiconducting ferromagnetic character along with the high figure of merit in Cs ₂ NaMCl ₆ (M = Cr, Fe) double perovskites. Journal of Magnetism and Magnetic Materials, 2021, 519, 167431.	2.3	10
4	Structural and mechanical stabilities, electronic, magnetic and thermophysical properties of double perovskite Cs ₂ Ba ₂ LaNbO ₆ : Probed by DFT computation. International Journal of Energy Research, 2021, 45, 14603-14611.	4.5	15
5	Scrutinizing the stability and exploring the dependence of thermoelectric properties on band structure of 3d-3d metal-based double perovskites Ba ₂ FeNiO ₆ and Ba ₂ CoNiO ₆ . Scientific Reports, 2021, 11, 10506.	3.3	35
6	Exploration of uranium double perovskites Ba ₂ MUO ₆ (M = Co, Ni) for magnetism, spintronic and thermoelectric applications. Journal of Magnetism and Magnetic Materials, 2020, 493, 165722.	2.3	39
7	New ferromagnetic half-metallic perovskites for spintronic applications: BaMO ₃ (M = Mg) TJ ETQq1 1 0.784314 rrgBT /Over 3.6 44	3.6	44
8	Systematic investigation of the magneto-electronic structure and optical properties of new halide double perovskites Cs ₂ NaMCl ₆ (M = Mn, Co and Ni) by spin polarized calculations. RSC Advances, 2020, 10, 26277-26287.	3.6	40
9	Investigation of structural, electro-magnetic properties of 5f-electron system Cs ₂ NaBkCl ₆ . AIP Conference Proceedings, 2020, , .	0.4	0
10	Structural and elasto-mechanical properties of ordered double perovskite Ba ₂ LuSbO ₆ . AIP Conference Proceedings, 2019, , .	0.4	2
11	First principle study of mechanical stability, magneto-electronic and thermodynamic properties of double perovskites: A ₂ MgWO ₆ (A = Ca, Sr). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 250, 114434.	3.5	16
12	Understanding the origin of half-metallicity and thermophysical properties of ductile La ₂ CuMnO ₆ double perovskite. International Journal of Energy Research, 2019, 43, 4783-4796.	4.5	59