Ikram Un Nabi Lone

List of Publications by Year
in descending order

12 papers	59 citations	1684188 5 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	42 citing authors

#	Article	IF	Citations
1	Structural, elastic and magnetic properties of Mn and Sb doped chromium nitride â€“ An ab initio study. Materials Chemistry and Physics, 2017, 192, 291-298.	4.0	10
2	Half metallic ferromagnetism in gallium and zinc doped chromium phosphide: First principles calculations. Materials Chemistry and Physics, 2018, 203, 65-72.	4.0	10
3	A density functional calculations on electronic, magnetic, optical, mechanical and half-metallic properties in molybdenum based pnictogens in GGA and GGA+U approach. Materials Chemistry and Physics, 2021, 260, 124159.	4.0	8
4	A DFT+U study to report magnetic phase transition, electronic properties and half metallic ferromagnetism in palladium oxide using Hubbard method. Materials Chemistry and Physics, 2020, 241, 122263.	4.0	7
5	Effect of halogens in MgO to predict half-metallic ferromagnetism: By first principles calculations. Solid State Sciences, 2020, 99, 106048.	3.2	7
6	First-Principles Study on Electronic, Magnetic, Optical, Mechanical, and Thermodynamic Properties of Semiconducting Gadolinium Phosphide in GGA, GGA+U, mBJ, GGA+SOC and GGA+SOC+U approaches. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1523-1538.	1.8	6
7	First-principles investigation of electronic, magnetic and half-metallic properties in Cr1-xPdxP (x =) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	3
8	A comparison study of the structural, electronic and magnetic properties in zinc-blende PtxCr1-xP and RhxCr1-xP (xâ€¯=â€¯0.125, 0.25), and half-Heusler XCrP (Xâ€¯=â€¯Pt, Rh): First principles calculations. Materials Chemistry and Physics, 2019, 230, 151-161.	4.0	3
9	Investigation of structural, electronic, magnetic and half-metallic properties in ternary zinc blende CrMoO and ScMoO by GGA and GGA+U method: First principles study. Journal of Molecular Graphics and Modelling, 2020, 95, 107490.	2.4	3
10	DFT calculations on the ternary MScP, quaternary MSc2P (M = Cu, Zn), and Cu and Zn doped in semiconducting scandium phosphide by GGA and GGA+U approach. Vacuum, 2021, 191, 110328.	3.5	1
11	A comparative study in rocksalt and zincblende structured binary and doped alkaline earth pnictides SrP and SrAs by first-principles perspective. Computational Condensed Matter, 2022, 31, e00674.	2.1	1
12	Effect of hydrostatic pressure and the emergence of half metallic ferromagnetism in rhodium oxide - A DFT+U perspective. Computational Condensed Matter, 2019, 21, e00425.	2.1	0