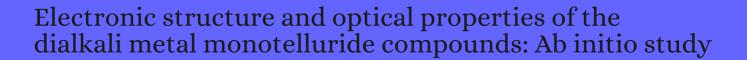
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#	Paper	IF	Citations
17	Structural, elastic, electronic, magnetic, optical, and thermoelectric properties of the diamond-like quaternary semiconductor CuMn2InSe4. <i>Journal of Superconductivity and Novel Magnetism</i> , 2020 , 33, 1091-1102	1.5	25
16	Ab initio study for the structural, electronic, magnetic, optical, and thermoelectric properties of K2OsX6 (X = Cl, Br) compounds. <i>International Journal of Energy Research</i> , 2020 , 44, 9035-9049	4.5	18
15	The significance of anti-fluorite Cs2NbI6 via its structural, electronic, magnetic, optical and thermoelectric properties. <i>International Journal of Energy Research</i> , 2020 , 44, 10179-10191	4.5	16
14	Influence of the spin-orbit coupling effect on the electronic and thermoelectric properties of Cs2MI6 (M = Zr, Hf) variant perovskites. <i>Materials Research Bulletin</i> , 2021 , 134, 111112	5.1	4
13	Study of irradiation temperature effect on change of structural, optical, and strength properties of BeO ceramics when irradiated with Ar8+ and Xe22 heavy ions. <i>Journal of Materials Science:</i> Materials in Electronics, 2021 , 32, 10906-10918	2.1	1
12	Structural evolution, lattice dynamics, electronic and thermal properties of VH2 under high pressure. <i>Solid State Communications</i> , 2021 , 330, 114287	1.6	4
11	Magnetic, magnetocaloric and thermoelectric investigations of perovskite LaFeO3 compound: First principles and Monte Carlo calculations. <i>Computational and Theoretical Chemistry</i> , 2021 , 1204, 113421	2	3
10	Tuning the electronic structure and optical properties of ETe/g-SiC and ETe/MoS2 van der Waals heterostructure. <i>Materials Chemistry and Physics</i> , 2021 , 273, 125026	4.4	
9	First-principles calculations to investigate ultra-wide bandgap semiconductor behavior of NaMgF3 fluoro-perovskite with external static isotropic pressure and its impact on optical properties. <i>Optik</i> , 2022 , 252, 168532	2.5	2
8	Photocatalytic and tunable optical absorption properties of sandwich-like p-n type LaBO3/KNbO3 (B = Al, Ga) heterostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022 , 139, 11517	1 ³	
7	Ab-initio method to investigate organic halide based double perovskites (CH3NH3)2AgMBr6 (M = Sb, Bi) for opto-electronic applications. <i>Journal of Materials Research and Technology</i> , 2022 , 17, 649-657	5.5	1
6	First-principles investigation of structural, optoelectronic, and thermoelectric properties of Cs 2 Tl(As/Sb)I 6. <i>International Journal of Energy Research</i> ,	4.5	1
5	Ab-initio method to investigate perovskites BiXO3(X = Be, Ca, Mg, Na, K, Li) for spintronics applications. <i>Solid State Sciences</i> , 2022 , 126, 106839	3.4	1
4	First-principles investigation of Rb 2 Ag (Ga/In)Br 6 for thermoelectric and photovoltaic applications. <i>International Journal of Quantum Chemistry</i> ,	2.1	
3	First-principles calculations to investigate the influence of porphyrin substitution on the structural, electronic and optical properties of graphene oxide. <i>Optik</i> , 2022 , 257, 168874	2.5	
2	First-principles investigation of Rb2Tl(As/Bi)I6 for green technology. <i>Chemical Physics Impact</i> , 2022 , 4, 100071	1.6	1
1	Tuned physical characteristics of PbSe binary compound: a DFT study. 2022 , 18, 649-659		O