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List of Publications by Year
in descending order

11	64	1937685 4	1588992 8
papers	citations	h-index	g-index

11	11	11	63
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ternary sulfides BaLa2S4 and CaLa2S4 as promising photocatalytic water splitting and thermoelectric materials: First-principles DFT calculations. International Journal of Hydrogen Energy, 2020, 45, 22600-22612.	7.1	19
2	First principles investigations of electronic and thermoelectric properties of BeSiPn2 (Pn = P, As) chalcopyrite compounds. Solid State Communications, 2019, 302, 113731.	1.9	10
3	External pressure effect on the electronic, optical and thermoelectric properties of the CdY2Ch4 (Ch) Tj ETQq1 1 0.784314 rgBT /Ove Matter, 2018, 545, 40-47.	2.7	9
4	Improvement of electronic and thermoelectric properties of the metallic LaS by sodium substitution: From first-principles calculations. Journal of Applied Physics, 2018, 123, .	2.5	5
5	Carbon substitution enhanced electronic and optical properties of MgSiP2 chalcopyrite through TB-mBJ approximation. Computational Condensed Matter, 2020, 24, e00490.	2.1	4
6	Ab initio study of the structural, electronic, optical and elastic properties of promising optoelectronic and thermoelectric compounds MgSc2X4 (X = S; Se). Journal of Solid State Chemistry, 2021, 293, 121763.	2.9	4
7	First-principles calculations of electronic and optical properties of AgGa1-xTlxS2 alloys: Analyses and design for solar cell applications. Journal of Solid State Chemistry, 2022, 309, 122996.	2.9	4
8	Structural, elastic, optoelectronic and magnetic properties of $$mathbf{CdHo }_mathbf{2}{} mathbf{S}_mathbf{4}$$ CdHo 2 S 4 spinel: a first-principle study. Bulletin of Materials Science, 2017, 40, 1105-1110.	1.7	3
9	DFT-investigation on anisotropy degree of electronic, optical, and mechanical properties of olivine ZnRE2S4 (RE = Er, Tm) compounds. Materials Research Express, 2020, 7, 016305.	1.6	3
10	Metal to semiconductor transition and figure of merit enhancement of Li2CuAs compound by Na substitution. Bulletin of Materials Science, 2022, 45, .	1.7	2
11	A comprehensive study of mechanical, optoelectronic, and magnetic insights into terbium orthovanadate TbVO4 via first-principles DFT approach. Journal of Solid State Chemistry, 2022, 310, 123007.	2.9	1