

Chahra Sifi

List of Publications by Year in descending order

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7
papers

66
citations

1937685

4
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Results of optical and thermal study of lead sulfide (PbS), Barium sulfide (BaS) and their ternary (Pb _{1-x} Ba _x S) (0 ≤ x ≤ 1) alloys. Computational Condensed Matter, 2019, 21, e00398.	2.1	3
2	Theoretical analysis of the electronic, optical and thermal properties of lead strontium telluride alloys Pb _{1-x} Sr _x Te (x = 0.0–1.0). Philosophical Magazine, 2018, 98, 295-311.	1.6	2
3	Computational investigations of the band structure and thermodynamic properties of calcium-doped BaS using the FP-LAPW approach. Chinese Journal of Physics, 2017, 55, 367-377.	3.9	7
4	First-principles calculations on the origins of the gap bowing in Pb _{1-x} Ca _x S, Pb _{1-x} Ca _x Se and Pb _{1-x} Ca _x Te alloys. IOP Conference Series: Materials Science and Engineering, 2012, 28, 012031.	0.6	4
5	The calculations of thermodynamic and opto-electronics properties of Pb _{1-x} Ca _x Se semiconducting ternary Alloys. EPJ Web of Conferences, 2012, 29, 00033.	0.3	0
6	Ab initio investigations of calcium chalcogenide alloys. Journal of Alloys and Compounds, 2009, 485, 642-647.	5.5	17
7	First principle calculations of structural, electronic, thermodynamic and optical properties of Pb _{1-x} Ca _x S, Pb _{1-x} Ca _x Se and Pb _{1-x} Ca _x Te ternary alloys. Journal of Physics Condensed Matter, 2009, 21, 195401.	1.8	33