S Labidi

List of Publications by Year
in descending order

19 papers	251 citations	933447 10 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	191 citing authors

#	Article	IF	Citations
1	First principles calculations of structural, electronic and thermodynamic properties of SrS, SrSe, SrTe compounds and SrS1â^'xSex alloy. Physics Procedia, 2009, 2, 1205-1212.	1.2	37
2	First principle calculations of structural, electronic, thermodynamic and optical properties of Pb_{1â^'x}Ca_xS,Pb_{1â^'x}Ca_xSe and Pb_{1â^'x}Ca_xTe ternary alloys. Journal of Physics Condensed Matter, 2009, 21, 195401.	1.8	33
3	(FP-LPAW) Investigation of Ternary Alloys: CdS1â^'xTex. Physics Procedia, 2009, 2, 881-887.	1.2	25
4	Structural, electronic, thermodynamic and optical properties of alkaline earth oxides MgO, SrO and their alloys. Physica Scripta, 2010, 82, 045605.	2.5	24
5	FP-LAPW investigations of SrS_{1â^'x}Se_x, SrS_{1â^'x}Te_xand SrSe_{1â^'x}Te_xternary alloys. Journal of Physics Condensed Matter, 2008, 20, 445213.	1.8	23
6	First principles calculations of structural, electronic and optical properties of BAs1â^'xPx alloy. Physics Procedia, 2009, 2, 933-940.	1.2	17
7	Ab initio investigations of calcium chalcogenide alloys. Journal of Alloys and Compounds, 2009, 485, 642-647.	5.5	17
8	First principles calculations of structural, electronic, optical and thermodynamic properties of PbS, SrS and their ternary alloys Pb1â^'Sr S. Computational Materials Science, 2011, 50, 1077-1082.	3.0	14
9	First principles calculations of structural, electronic, thermodynamic and optical properties of BAs_{1 -x}P_xalloy. Physica Scripta, 2009, 79, 045002.	2.5	12
10	Structural, electronic, thermodynamic and optical properties of SrS1â^'xOx mixed crystals. Physica B: Condensed Matter, 2009, 404, 4100-4105.	2.7	10
11	STRUCTURAL, ELECTRONIC, OPTICAL AND THERMODYNAMIC PROPERTIES OF PbS, PbSe AND THEIR TERNARY ALLOY PbS_{1-x}Se_x. Modern Physics Letters B, 2011, 25, 473-486.	1.9	9
12	Density functional calculations of Pb1â^'xCaxSySe1â^'y alloys lattice matched to different substrates. Journal of Physics and Chemistry of Solids, 2012, 73, 608-613.	4.0	9
13	Investigation of total and partial magnetic moments of Mn₂NiAl with pressure at a several temperatures. Phase Transitions, 2019, 92, 699-706.	1.3	6
14	Structural, electronic and thermodynamic properties of SrxCd1â^'xO: A first-principles study. Materials Science in Semiconductor Processing, 2013, 16, 1853-1858.	4.0	5
15	Ab initio calculations of fundamental properties of SrTe1â^'x O x alloys. Bulletin of Materials Science, 2016, 39, 827-835.	1.7	5
16	Temperature and pressure dependence on structural, electronic and thermal properties of ZnO wurtzite phase â€“ first principle investigation. Phase Transitions, 2020, 93, 654-665.	1.3	3
17	Theoretical Investigations of the Physical Properties of Cd _{1â^' x} Ca _x O Ternary Alloys. Chinese Physics Letters, 2014, 31, 046104.	3.3	2
18	Structural, electronic and thermodynamic properties of Sr_xCa_{1â€x}S: A firstâ€principles study. Physica Status Solidi C: Current Topics in Solid State Physics, 2016, 13, 629-634.	0.8	0

#	Article	IF	Citations
19	Structural, electronic, magnetic and thermodynamic properties of Ni_{1â’}_xTi_xO alloys anab initiocalculation and Monte Carlo study. Phase Transitions, 2018, 91, 600-609.	1.3	0