

First-principles calculations to investigate structural and magnetic properties of Ni_2LaZ ($\text{Z} = \text{As, Sb and Bi}$) Heusler alloys

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Citation Report

#	ARTICLE	IF	CITATIONS
1	First-principles calculations to investigate structural stabilities, mechanical and optoelectronic properties of $\langle \text{scp} \rangle \text{NbCoSn} \langle / \text{scp} \rangle$ and $\langle \text{scp} \rangle \text{NbFeSb}$ half-Heusler $\langle / \text{scp} \rangle$ compounds. International Journal of Quantum Chemistry, 2021, 121, e26582.	2.0	32
2	Pressure dependence of structural, elastic, electronic, thermodynamic, and optical properties of van der Waals-type NaSn_2P_2 pnictide superconductor: Insights from DFT study. Results in Physics, 2021, 21, 103848.	4.1	48
3	Electronic structure, elastic, optical and thermodynamic properties of cubic perovskite NaBaF_3 with pressure effects: First-principles calculations. Results in Physics, 2021, 22, 103860.	4.1	28
4	The Ferromagnetism Stability Induced by (Ti, V, and Cr)-Doped LiMgN Alloy for the Spintronic Application: First-Principle Calculations. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1915-1921.	1.8	5
5	First-principles calculations to investigate mechanical, optoelectronic and thermoelectric properties of half-Heusler p-type semiconductor BaAgP . Results in Physics, 2021, 23, 104068.	4.1	25
6	Investigation of the stability, electronic structure, and magnetic properties of Sc_2VZ ($\text{Z}=\text{Ge, Si}$) Heusler alloys: First-principles calculations. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 267, 115096.	3.5	2
7	First-principles calculations of adsorption sensitivity of Au-doped MoS_2 gas sensor to main characteristic gases in oil. Journal of Materials Science, 2021, 56, 13673-13683.	3.7	27
8	Theoretical investigation on the structural, mechanical, electronic and thermodynamic properties of cubic $\text{Ti}_3\text{NiAl}_2\text{C}$ compound. Physica B: Condensed Matter, 2021, 609, 412917.	2.7	0
9	Structural, Elastic, Electronic, and Magnetic Properties of XPtBi ($\text{X}=\text{Er}$ and Ho) Using FP-LAPW Method. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1865-1873.	1.8	3
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11	The crystal and electronic structures, dynamical stabilities and thermal properties, elastic constants and mechanical stabilities, Born effective charges and dielectric constants of a novel tetragonal ZrO_2 phase: First-principles calculations. Journal of Physics and Chemistry of Solids, 2021, 154, 110046.	4.0	9
12	First-principles calculations to investigate the electronic and optical properties of $(\text{MoS}_2)_4\text{-n}/(\text{MoSSe})_n$ lateral heterostructure. Journal of Physics and Chemistry of Solids, 2021, 154, 110049.	4.0	8
13	First-principles calculations to investigate structural, electronic and optical properties of Na based fluoroperovskites NaXF_3 ($\text{X}=\text{Sr, Zn}$). Solid State Communications, 2021, 334-335, 114396.	1.9	12
14	Stability and mechanical, electronic, and optical investigations of a new Heusler alloy: Ag_2ScGe . Results in Physics, 2021, 27, 104518.	4.1	3
15	First-principles calculations to investigate pressure effect on mechanical and thermal properties of ZrAl_2 . Computational and Theoretical Chemistry, 2021, 1202, 113304.	2.5	2
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17	Sulfur doping effect on the electronic properties of zirconium dioxide ZrO_2 . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 270, 115200.	3.5	28
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