

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21 papers	188 citations	8 h-index	12 g-index
25 ext. papers	243 ext. citations	2.3 avg, IF	3.36 L-index

#	Paper	IF	Citations
21	Electronic and phonon properties of the full-Heusler alloys X_2YAl ($X = Co, Fe$ and $Y = Cr, Sc$): a density functional theory study. <i>Journal of Materials Science</i> , 2014 , 49, 4180-4190	4.3	34
20	Elastic and phonon properties of quaternary Heusler alloys $CoFeCrZ$ ($Z = Al, Si, Ga$ and Ge) from density functional theory. <i>Philosophical Magazine Letters</i> , 2014 , 94, 708-715	1	22
19	Structural, elastic, electronic and phonon properties of scandium-based compounds ScX_3 ($X=Ir, Pd, Pt$ and Rh): An ab initio study. <i>Computational Materials Science</i> , 2013 , 79, 703-709	3.2	19
18	Phase transition of NowotnyJuzza $NaZnX$ ($X=P, As$ and Sb) compounds at high pressure: Theoretical investigation of structural, electronic and vibrational properties. <i>Computational Materials Science</i> , 2014 , 87, 187-197	3.2	16
17	Investigations of Structural, Elastic, Electronic and Thermodynamic Properties of X_2TiAl Alloys: A Computational Study. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018 , 73, 859-867	1.4	13
16	Lattice dynamic properties of Rh_2XAl ($X=Fe$ and Y) alloys. <i>Physica B: Condensed Matter</i> , 2018 , 531, 16-20	2.8	12
15	Structural, electronic and vibrational properties of ordered intermetallic alloys CoZ ($Z = Al, Be, Sc$ and Zr) from first-principles total-energy calculations. <i>Philosophical Magazine</i> , 2013 , 93, 3260-3277	1.6	9
14	Ab-initio study of the structural, electronic, elastic and vibrational properties of HfX ($X = Rh, Ru$ and Tc). <i>Philosophical Magazine Letters</i> , 2017 , 97, 110-117	1	8
13	Structural, electronic, elastic and thermodynamic properties of hydrogen storage magnesium-based ternary hydrides. <i>Chemical Physics Letters</i> , 2020 , 743, 137184	2.5	8
12	Computational investigations of mechanic, electronic and lattice dynamic properties of yttrium based compounds. <i>International Journal of Modern Physics B</i> , 2018 , 32, 1850214	1.1	8
11	An examination of the structural, electronic, elastic, vibrational and thermodynamic properties of Ru_2YGa ($Y = Sc, Ti$ and V) Heusler alloys. <i>Chinese Journal of Physics</i> , 2018 , 56, 1772-1780	3.5	7
10	Structural, elastic, electronic, and magnetic properties of Si-doped Co_2MnGe full-Heusler type compounds. <i>Journal of Alloys and Compounds</i> , 2020 , 845, 155499	5.7	6
9	Ab-initio study of the structural, electronic, elastic and vibrational properties of the intermetallic Pd_3V and Pt_3V alloys in the L12 phase. <i>Metals and Materials International</i> , 2014 , 20, 765-773	2.4	6
8	Electronic, Elastic, Vibrational and Thermodynamic Properties of $HfIrX$ ($X = As, Sb$ and Bi) Compounds: Insights from DFT-Based Computer Simulation. <i>Journal of Electronic Materials</i> , 2020 , 49, 3052-3062	1.9	5
7	Investigations of structural, elastic, electronic, vibrational and thermodynamic properties of $RhMnX$ ($X = Sb$ and Sn). <i>Materials Research Express</i> , 2019 , 6, 116110	1.7	3
6	Computational investigations of mechanical and dynamical properties of gold-based compounds (X_3Au , $X = Ti, Zr$ and V). <i>Chinese Journal of Physics</i> , 2018 , 56, 1508-1514	3.5	3
5	Thermodynamic Modeling of the Al-Ba and Ba-Ge Systems Supported by First-Principles Calculations. <i>Journal of Phase Equilibria and Diffusion</i> , 2019 , 40, 195-205	1	2

4	AB INITIO STUDY OF PHONON DISPERSION AND ELASTIC PROPERTIES OF L12 INTERMETALLICS Ti3Al AND Y3Al. <i>Modern Physics Letters B</i> , 2013 , 27, 1350224	1.6	2
3	A Comprehensive Study on Physical Properties of Antiperovskite GeNCa3. <i>Sakarya University Journal of Science</i> ,1-1	0.3	1
2	L12 yapıdaki Co3Al ve Co3Ta alaşımlarının mekanik ve dinamik özellikleri 2017 , 32,		1
1	Structural, electronic, elastic, magnetic, phonon and thermodynamic properties of inverse-Heusler-Ti2FeX (X=Si, Ge, and Sn): Insights from DFT-based computer simulation. <i>Materials Today Communications</i> , 2021 , 26, 102036	2.5	1