Yassine Djaballah

List of Publications by Year
in descending order

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16 papers	127 citations	1307594 7 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	111 citing authors

#	Article	IF	Citations
1	Electronic, magnetic and thermal properties of Co2Cr Fe1â^'X (X=Al, Si) Heusler alloys: First-principles calculations. Journal of Magnetism and Magnetic Materials, 2016, 414, 219-226.	2.3	28
2	Mechanical stability and optoelectronic behavior of BeXP2 (X=Si and Ge) chalcopyrite. Chinese Journal of Physics, 2020, 64, 174-182.	3.9	19
3	Calorimetric measurement of the intermetallic compounds Cr3Ga and CrGa4 and thermodynamic assessment of the (Crâ€“Ga) system. Journal of Alloys and Compounds, 2005, 397, 155-160.	5.5	16
4	Thermodynamic assessment of the binary system (Biâ€“Zn). Modelling and Simulation in Materials Science and Engineering, 2005, 13, 361-369.	2.0	14
5	Temperature and pressure effects on phase stabilities in the Caâ€“Ge system from first-principles calculations and Debye-Gruneisen model. Intermetallics, 2012, 28, 108-119.	3.9	10
6	Thermodynamic description of the Biâ€“Cs and Biâ€“Tm system supported by first-principles calculations. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2015, 48, 72-78.	1.6	10
7	Thermodynamic assessment of the calciumâ€“germanium system. Journal of Alloys and Compounds, 2010, 497, 74-79.	5.5	9
8	First-principles investigations of intermetallics in the Caâ€“Ge system. Physica B: Condensed Matter, 2011, 406, 2601-2609.	2.7	7
9	Thermodynamic modeling of the Euâ€“Te and Teâ€“Yb systems. Journal of Alloys and Compounds, 2015, 643, 121-128.	5.5	4
10	Thermodynamic assessment of the Hoâ€“Te system supported by ab initio calculations. Journal of Alloys and Compounds, 2013, 552, 387-391.	5.5	3
11	Thermodynamic Modeling of the Al-Ba and Ba-Ge Systems Supported by First-Principles Calculations. Journal of Phase Equilibria and Diffusion, 2019, 40, 195-205.	1.4	3
12	Thermodynamic Study of Er-Bi and Er-Te Systems by Combination of First-Principles Calculations and the CALPHAD Method. Journal of Phase Equilibria and Diffusion, 2022, 43, 126-138.	1.4	2
13	First-principles prediction of a new high pressure polymorph of the BaSi2 compound. Modern Physics Letters B, 2014, 28, 1450089.	1.9	1
14	First-principles study of the binary intermetallics in the Auâ€“Rb system. Modern Physics Letters B, 2014, 28, 1450112.	1.9	1
15	Calorimetric Measurement of the Intermetallic Compounds Cr3Ga and CrGa4 and Termodynamic Assessment of the (Crâ€”Ga) System.. ChemInform, 2005, 36, no.	0.0	0
16	Thermodynamic Reassessment of the Bi-Rb System Supported by Ab-Initio Calculations. Journal of Phase Equilibria and Diffusion, 0, , .	1.4	0