Joaquin Gabriel Miranda Mena

List of Publications by Year
in descending order

9	57	1937685 4	1588992 8
papers	citations	h-index	g-index

9	9	9	92
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ab initio study of domain structures in half-metallic CoTi1âˆ’Mn Sb and thermoelectric CoTi1âˆ’Sc Sb half-Heusler alloys. Journal of Alloys and Compounds, 2015, 650, 728-740.	5.5	13
2	Miscibility Gap in the Phase Diagrams of Thermoelectric Half-Heusler Materials CoTi $$_{1-x}Y_x$$ 1 - x Y x Sb (Y = Sc, V, Mn, Fe). Journal of Electronic Materials, 2016, 45, 1382-1388.	2.2	10
3	Nanophase separation in CoSbâ€based halfâ€Heusler thermoelectrics: A multiscale simulation study. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 706-715.	1.8	8
4	Ab initio-based Monte Carlo and mean field studies of phase separated Î±NiSn (Î±Â=Ti1âˆ’Hf , Ti1âˆ’Zr , Hf1âˆ’Zr) compounds with C1 structure. Acta Materialia, 2016, 111, 157-165.	7.9	7
5	Search of stable structures in cation deficient (V,Nb)CoSb half-Heusler alloys by an atomic cluster expansion. Journal of Materials Chemistry A, 2021, 9, 21111-21122.	10.3	5
6	Interplay Between Electronic States and Structural Stability in Cation-Deficient VCoSb, NbCoSb, and TaCoSb Half-Heuslers. Journal of Electronic Materials, 2022, 51, 2043-2053.	2.2	5
7	Demixing and ordering in Ni(Ti,Zr)(Sb,Sn) half-Heusler materials. Physical Chemistry Chemical Physics, 2017, 19, 30695-30702.	2.8	4
8	Coexistence of multiple phases in the half-Heusler materials Co(Ti,Zr)(Sn,Sb). Physical Review B, 2020, 101, .	3.2	4
9	Mechanical and heat transport properties of Ti1âˆ’xZrxNiSn half-Heuslers: A molecular dynamic simulation study using ab initio-based interaction potentials. Computational Materials Science, 2022, 204, 111147.	3.0	1