

Irais Valencia-Jaime

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Nickel Titanium Binary Systems Using Structural Search Methods and Ab Initio Calculations. Journal of Physical Chemistry C, 2021, 125, 1578-1591.	3.1	3
2	Elastic, mechanical, and thermodynamic properties of Bi-Sb binaries: Effect of spin-orbit coupling. Physical Review B, 2018, 97, .	3.2	76
3	Design of Mg alloys: The effects of Li concentration on the structure and elastic properties in the Mg-Li binary system by first principles calculations. Journal of Alloys and Compounds, 2017, 691, 15-25.	5.5	41
4	Electrochemical Lithiation Cycles of Gold Anodes Observed by In Situ High-Energy X-ray Diffraction. Chemistry of Materials, 2016, 28, 2941-2948.	6.7	38
5	Investigation of novel crystal structures of Bi-Sb binaries predicted using the minima hopping method. Physical Chemistry Chemical Physics, 2016, 18, 29771-29785.	2.8	37
6	Prediction and control of spin polarization in a Weyl semimetallic phase of BiSb. Physical Review B, 2016, 94, .	3.2	41
7	Novel crystal structures for lithium-silicon alloy predicted by minima hopping method. Journal of Alloys and Compounds, 2016, 655, 147-154.	5.5	21
8	Novel phases of lithium-aluminum binaries from first-principles structural search. Journal of Chemical Physics, 2015, 142, 024710.	3.0	14
9	Sodium-gold binaries: novel structures for ionic compounds from an ab initio structural search. New Journal of Physics, 2013, 15, 115007.	2.9	58