

Kangming Li

List of Publications by Year in descending order

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37
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of thermodynamic properties of magnetic transition metals from an efficient tight-binding model: The case of cobalt and beyond. <i>Physical Review B</i> , 2022, 105, .	3.2	1
2	Magnetochemical effects on phase stability and vacancy formation in fcc Fe-Ni alloys. <i>Physical Review B</i> , 2022, 106, .	3.2	7
3	Effects of magnetic excitations and transitions on vacancy formation: Cases of fcc Fe and Ni compared to bcc Fe. <i>Physical Review B</i> , 2021, 104, .	3.2	5
4	Predicting magnetization of ferromagnetic binary Fe alloys from chemical short range order. <i>Computational Materials Science</i> , 2020, 172, 109344.	3.0	10
5	Effective interaction model for coupled magnetism and phase stability in bcc Fe-Co systems. <i>Computational Materials Science</i> , 2020, 183, 109906.	3.0	8
6	Synergistic effects of applied strain and cascade overlap on irradiation damage in BCC iron. <i>Journal of Nuclear Materials</i> , 2020, 542, 152422.	2.7	9
7	Ground-state properties and lattice-vibration effects of disordered Fe-Ni systems for phase stability predictions. <i>Physical Review Materials</i> , 2020, 4, .	2.4	7
8	Combining DFT and CALPHAD for the development of on-lattice interaction models: The case of Fe-Ni system. <i>Physical Review Materials</i> , 2020, 4, .	2.4	3
9	Magnetic and atomic short range order in Fe $_{1-x}$ Cr $_x$ alloys. <i>Physical Review B</i> , 2019, 100, .	3.2	6