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List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Insight and Local Structure Evolution of NiPS ₃ upon Electrochemical Lithiation. ACS Applied Materials & Interfaces, 2022, 14, 3980-3990.	4.0	9
2	A local stacking fault energy model for concentrated alloys. Acta Materialia, 2022, 238, 118165.	3.8	13
3	Ordering effects on deformation substructures and strain hardening behavior of a CrCoNi based medium entropy alloy. Acta Materialia, 2021, 210, 116829.	3.8	47
4	Enhancing fatigue life by ductile-transformable multicomponent B2 precipitates in a high-entropy alloy. Nature Communications, 2021, 12, 3588.	5.8	102
5	Alloy thermodynamics via the Multi-cell Monte Carlo (MC) ² method. Computational Materials Science, 2021, 193, 110322.	1.4	4
6	Stacking fault energy in concentrated alloys. Nature Communications, 2021, 12, 3590.	5.8	120
7	An integrated experimental and computational study of diffusion and atomic mobility of the aluminum-magnesium system. Acta Materialia, 2020, 189, 214-231.	3.8	29
8	Quantitative prediction of Suzuki segregation at stacking faults of the γ' phase in Ni-base superalloys. Acta Materialia, 2020, 200, 223-235.	3.8	24
9	Efficient determination of solid-state phase equilibrium with the multicell Monte Carlo method. Physical Review E, 2020, 101, 063306.	0.8	10
10	Solid solution strengthening theories of high-entropy alloys. Materials Characterization, 2019, 151, 310-317.	1.9	104
11	Multi-cell Monte Carlo method for phase prediction. Npj Computational Materials, 2019, 5, .	3.5	15
12	Anisotropic magnetoresistance and nontrivial spin Hall magnetoresistance in $\text{Pt}/\text{Fe}/\text{Pt}$ bilayers. Physical Review B, 2019, 100, .	1.1	35
13	Magnetically-driven phase transformation strengthening in high entropy alloys. Nature Communications, 2018, 9, 1363.	5.8	263
14	Segregation of alloying elements to planar faults in Ni_3Al . Acta Materialia, 2018, 148, 173-184.	3.8	70
15	First-principles prediction of oxygen diffusivity near the twin boundary in titanium. Acta Materialia, 2018, 156, 11-19.	3.8	13
16	Multi-Cell Monte Carlo Relaxation method for predicting phase stability of alloys. Scripta Materialia, 2017, 132, 9-12.	2.6	24
17	Interaction of oxygen interstitials with lattice faults in Ti. Acta Materialia, 2014, 76, 82-86.	3.8	45