

Efrain Hernandez-Rivera

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1937685

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9
docs citations

9
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetically altered phase stability in Fe-based alloys: Modeling and database development. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2021, 75, 102360.	1.6	2
2	Plateau-Rayleigh instabilities in pore networks of additively manufactured polymers: A modeling perspective. Materials Letters, 2020, 275, 128100.	2.6	1
3	Understanding Thermodynamic and Kinetic Stabilization of FeNiZr via Systematic High-Throughput In Situ XRD Analysis. Metals, 2020, 10, 482.	2.3	0
4	Investigation of anomalous copper hydride phase during magnetic field-assisted electrodeposition of copper. Electrochemistry Communications, 2019, 98, 96-100.	4.7	11
5	Effect of magnetic fields on microstructure evolution. Computational Materials Science, 2018, 150, 464-474.	3.0	12
6	Effect of applied magnetic field on microstructure of electrodeposited copper. Electrochemistry Communications, 2018, 97, 11-15.	4.7	17
7	Integrating exploratory data analytics into ReaxFF parameterization. MRS Communications, 2018, 8, 1300-1310.	1.8	0
8	A thermodynamic and kinetic-based grain growth model for nanocrystalline materials: Parameter sensitivity analysis and model extension. Computational Materials Science, 2017, 131, 250-265.	3.0	1
9	Computational simulation of threshold displacement energies of GaAs. Journal of Materials Research, 2017, 32, 1555-1562.	2.6	20