

Efrain Hernandez-Rivera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6154450/publications.pdf>

Version: 2024-02-01

9
papers

64
citations

1937685

4
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational simulation of threshold displacement energies of GaAs. Journal of Materials Research, 2017, 32, 1555-1562.	2.6	20
2	Effect of applied magnetic field on microstructure of electrodeposited copper. Electrochemistry Communications, 2018, 97, 11-15.	4.7	17
3	Effect of magnetic fields on microstructure evolution. Computational Materials Science, 2018, 150, 464-474.	3.0	12
4	Investigation of anomalous copper hydride phase during magnetic field-assisted electrodeposition of copper. Electrochemistry Communications, 2019, 98, 96-100.	4.7	11
5	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
6	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
7	Plateau-Rayleigh instabilities in pore networks of additively manufactured polymers: A modeling perspective. Materials Letters, 2020, 275, 128100.	2.6	1
8	Integrating exploratory data analytics into ReaxFF parameterization. MRS Communications, 2018, 8, 1300-1310.	1.8	0
9	Understanding Thermodynamic and Kinetic Stabilization of FeNiZr via Systematic High-Throughput In Situ XRD Analysis. Metals, 2020, 10, 482.	2.3	0