

Ian Chesser

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	A taxonomy of grain boundary migration mechanisms via displacement texture characterization. Acta Materialia, 2022, 222, 117425.	7.9	6
2	Survey of shear coupling behavior in FCC Ni and BCC Fe grain boundaries. Materialia, 2021, 15, 100945.	2.7	6
3	Optimal transportation of grain boundaries: A forward model for predicting migration mechanisms. Acta Materialia, 2021, 210, 116823.	7.9	8
4	Distinct driven steady states emerge from diverse initial textures in rolled nanocomposites. Acta Materialia, 2020, 183, 207-215.	7.9	3
5	A continuum thermodynamic framework for grain boundary motion. Journal of the Mechanics and Physics of Solids, 2020, 137, 103827.	4.8	6
6	Learning the grain boundary manifold: tools for visualizing and fitting grain boundary properties. Acta Materialia, 2020, 195, 209-218.	7.9	7
7	Contrasting thermal behaviors in $\Sigma 3$ grain boundary motion in nickel. Acta Materialia, 2019, 175, 55-65.	7.9	20
8	A geodesic octonion metric for grain boundaries. Acta Materialia, 2019, 166, 135-147.	7.9	12
9	Understanding the anomalous thermal behavior of $\Sigma 3$ grain boundaries in a variety of FCC metals. Scripta Materialia, 2018, 157, 19-23.	5.2	21