

Alexander F Chadwick

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

788
citations

1684188

5
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Recursive grain remapping scheme for phase-field models of additive manufacturing. International Journal for Numerical Methods in Engineering, 2022, 123, 3093-3110.	2.8	5
2	The development of grain structure during additive manufacturing. Acta Materialia, 2021, 211, 116862.	7.9	60
3	Grain boundary formation through particle detachment during coarsening of nanoporous metals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
4	Numerical Modeling of Localized Corrosion Using Phase-Field and Smoothed Boundary Methods. Journal of the Electrochemical Society, 2018, 165, C633-C646.	2.9	32
5	Effect of Material Anisotropy on the Mechanical Response of Protective Layers for Lithium Metal Anodes. ECS Meeting Abstracts, 2017, , .	0.0	0
6	Dendrites and Pits: Untangling the Complex Behavior of Li Metal Anodes through Operando Video Microscopy. ECS Meeting Abstracts, 2017, MA2017-01, 518-518.	0.0	1
7	Computational Model of Magnesium Deposition and Dissolution for Property Determination via Cyclic Voltammetry. Journal of the Electrochemical Society, 2016, 163, A1813-A1821.	2.9	21
8	Dendrites and Pits: Untangling the Complex Behavior of Lithium Metal Anodes through Operando Video Microscopy. ACS Central Science, 2016, 2, 790-801.	11.3	662