

Robert Timms

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6634458/publications.pdf>

Version: 2024-02-01

6
papers

166
citations

2258059

3
h-index

2053705

5
g-index

6
all docs

6
docs citations

6
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	An Asymptotic Derivation of a Single Particle Model with Electrolyte. Journal of the Electrochemical Society, 2019, 166, A3693-A3706.	2.9	96
2	Communicationâ€”Prediction of Thermal Issues for Larger Format 4680 Cylindrical Cells and Their Mitigation with Enhanced Current Collection. Journal of the Electrochemical Society, 2020, 167, 160544.	2.9	37
3	Probing Heterogeneity in Li-Ion Batteries with Coupled Multiscale Models of Electrochemistry and Thermal Transport using Tomographic Domains. Journal of the Electrochemical Society, 2020, 167, 110538.	2.9	27
4	A mechanism for hot-spot generation in a reactive two-dimensional sheared viscous layer. Combustion Theory and Modelling, 2018, 22, 554-584.	1.9	3
5	liionpack: A Python package for simulating packs of batteries with PyBaMM. Journal of Open Source Software, 2022, 7, 4051.	4.6	3
6	A boundary layer analysis for the initiation of reactive shear bands. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20180899.	2.1	0