

Xiangchun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11520450/publications.pdf>

Version: 2024-02-01

5
papers

1,123
citations

1684188

5
h-index

2053705

5
g-index

6
all docs

6
docs citations

6
times ranked

968
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Simulation of Intercalation-Induced Stress in Li-Ion Battery Electrode Particles. Journal of the Electrochemical Society, 2007, 154, A910.	2.9	655
2	Intercalation-Induced Stress and Heat Generation within Single Lithium-Ion Battery Cathode Particles. Journal of the Electrochemical Society, 2008, 155, A542.	2.9	267
3	Effect of cycling rate, particle size and transport properties on lithium-ion cathode performance. International Journal of Heat and Mass Transfer, 2010, 53, 3552-3561.	4.8	100
4	Effective Transport Properties of LiMn_2O_4 Electrode via Particle-Scale Modeling. Journal of the Electrochemical Society, 2011, 158, A487-A497.	2.9	68
5	Generation of Realistic Particle Structures and Simulations of Internal Stress: A Numerical/AFM Study of LiMn_2O_4 Particles. Journal of the Electrochemical Society, 2011, 158, A434.	2.9	32