

Shuyu Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7380305/publications.pdf>

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5
papers

243
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Anode-originated SEI migration contributes to formation of cathode-electrolyte interphase layer. Journal of Power Sources, 2018, 373, 184-192.	7.8	69
2	Ab Initio Modeling of Electrolyte Molecule Ethylene Carbonate Decomposition Reaction on Li(Ni,Mn,Co)O ₂ Cathode Surface. ACS Applied Materials & Interfaces, 2017, 9, 20545-20553.	8.0	65
3	Atomic Layer Deposition of Al ₂ O ₃ "Ga ₂ O ₃ Alloy Coatings for Li[Ni _{0.5} Mn _{0.3} Co _{0.2}]O ₂ Cathode to Improve Rate Performance in Li-Ion Battery. ACS Applied Materials & Interfaces, 2016, 8, 10572-10580.	8.0	51
4	Optimizing AlF ₃ atomic layer deposition using trimethylaluminum and TaF ₅ : Application to high voltage Li-ion battery cathodes. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	2.1	32
5	Cell design and image analysis for in situ Raman mapping of inhomogeneous state-of-charge profiles in lithium-ion batteries. Journal of Power Sources, 2017, 352, 18-25.	7.8	26