

Hezhen Xie

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

307
citations

1478505

6
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

675
citing authors

#	ARTICLE	IF	CITATIONS
1	Sn-Bi-Sb alloys as anode materials for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9661-9670.	10.3	124
2	Sn-Sb for Sodium Ion Battery Anodes: Phase Transformations Responsible for Enhanced Cycling Stability Revealed by In Situ TEM. <i>ACS Energy Letters</i> , 2018, 3, 1670-1676.	17.4	90
3	Size and Surface Effects of Silicon Nanocrystals in Graphene Aerogel Composite Anodes for Lithium Ion Batteries. <i>Chemistry of Materials</i> , 2018, 30, 7782-7792.	6.7	50
4	Alternating Silicon and Carbon Multilayer-Structured Anodes Suppress Formation of the c-Li _{3.75} Si Phase. <i>Chemistry of Materials</i> , 2019, 31, 6578-6589.	6.7	19
5	Understanding the Mechanism of Enhanced Cycling Stability in Sn-Sb Composite Na-Ion Battery Anodes: Operando Alloying and Diffusion Barriers. <i>ACS Applied Energy Materials</i> , 2019, 2, 5133-5139.	5.1	14
6	Adhesion and Surface Layers on Silicon Anodes Suppress Formation of c-Li _{3.75} Si and Solid-Electrolyte Interphase. <i>ACS Applied Energy Materials</i> , 2020, 3, 1609-1616.	5.1	10