

Hezhen Xie

List of Publications by Year in descending order

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papers

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1478505

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1872680

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675
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#	ARTICLE	IF	CITATIONS
1	Adhesion and Surface Layers on Silicon Anodes Suppress Formation of $c\text{-Li}_{3.75}\text{Si}$ and Solid-Electrolyte Interphase. <i>ACS Applied Energy Materials</i> , 2020, 3, 1609-1616.	5.1	10
2	Understanding the Mechanism of Enhanced Cycling Stability in $\text{Sn}^{\delta}\text{-Sb}$ Composite Na-Ion Battery Anodes: Operando Alloying and Diffusion Barriers. <i>ACS Applied Energy Materials</i> , 2019, 2, 5133-5139.	5.1	14
3	Alternating Silicon and Carbon Multilayer-Structured Anodes Suppress Formation of the $c\text{-Li}_{3.75}\text{Si}$ Phase. <i>Chemistry of Materials</i> , 2019, 31, 6578-6589.	6.7	19
4	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
5	$\text{Sn}^{\delta}\text{-SnSb}$ 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
6	$\text{Sn}^{\delta}\text{-Bi}^{\delta}\text{-Sb}$ alloys as anode materials for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9661-9670.	10.3	124