Energy storage chen yusi

@article{Zhang2022AnAE, title={An Additive-Enabled Ether-Based Electrolyte to Realize Stable Cycling of High-Voltage Anode-Free Lithium Metal Batteries}, author={Jianwen Zhang and Haikuo Zhang and Leqing Deng and Yusi Yang and Lulu Tan and Xiaogang Niu and Yifan Chen and Liang Zeng and Xiulin Fan and Yujie Zhu}, journal={SSRN Electronic Journal ...

Lithium-sulfur (Li-S) batteries are considered to be one of the candidates for high-energy density storage systems due to their ultra-high theoretical specific capacity of 1675 mA h g-1.

The liquid metal battery (LMB) is an attractive chemistry for grid-scale energy-storage applications. The full-liquid feature significantly reduces the interface resistance between electrode and electrolyte, endowing LMB with attractive kinetics and transport properties. Achieving a high energy density still remains a big challenge. Herein, we report a low-melting ...

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DOI: 10.1002/smll.202310184 Corpus ID: 266561363; A High-Entropy Prussian Blue Analog for Aqueous Potassium-Ion Batteries. @article{Ma2023AHP, title={A High-Entropy Prussian Blue Analog for Aqueous Potassium-Ion Batteries.}, author={Can Ma and Chao Lin and Nan Li and Yifan Chen and Yusi Yang and Lulu Tan and Zhenglin Wang and Qianfan Zhang ...

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DOI: 10.1016/J.JALLCOM.2017.01.226 Corpus ID: 100521805; WO3 nanoflower coated with graphene nanosheet: Synergetic energy storage composite electrode for supercapacitor application

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potassium-ion batteries (PIBs) are heralded as promising low-cost and sustainable electrochemical energy storage systems that complement the ...

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