

Over the past year of cooperation, the project teams of the Joint Research Centre have regularly carried out in-depth exchange and cooperation on topics such as anode and ...

Haoqing Wu's 9 research works with 519 citations and 892 reads, including: Synthesis and Electrochemical Performance of Core-Shell Si/SiO Nanocomposite as Anode Material for Lithium Ion Batteries

Flexible lithium-air batteries (FLABs) with ultrahigh theoretical energy density are considered as the most promising energy storage devices for next-generation flexible and wearable electronics.

Jiawei Chen's 41 research works with 1,094 citations and 3,074 reads, including: A Fiber Sensor for Long-Term Monitoring of Extracellular Potassium Ion Fluctuations in Chronic Neuropsychiatric ...

Lithium-oxygen batteries have received much research attention and the issue of high overpotential of lithium-oxygen batteries is pivotal to be resolved. Developing efficient electrocatalysts is ...

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With the lithium-ion battery industry moving to high energy density anode materials such as silicon and lithium metal as a substitute for lower specific capacity carbon-based materials like ...

Fudan University · Department of ... A lithium ion capacitor is a kind of novel energy storage device with the combined merits of a lithium ion battery and a supercapacitor. ... the key research ...

Research by a team of academics from Duke Kunshan and other universities has advanced solid-state lithium battery technology and could have an impact on renewable energy. Published in science journal Nature ...

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