Sno-c structure energy storage

New 1-D SnO2@C core-shell nanochains built into 3-D superstructures are presented for the first time as anode materials for lithium-ion batteries. These novel SnO2@C core-shell nanochains ...

This study describes the development of a novel Si@Sn-SnO 2 @carbon composite, which exhibits a synchronous buffering effect, thereby enabling high reversible capacity and stable LIBs.

Development of efficient electrode materials that boost the energy storage activity is one of the recent challenges in supercapacitor application. Herein, we demonstrate a ...

Influence of supporting electrolytes on the structure of electrodeposited SnO 2 thin films for energy storage applications Ionics (IF2.6) Pub Date : 2016-04-29, DOI: 10.1007/s11581-016 ...

The multilayer core-shell structure SnO 2 @C@Sb 2 O 3 composite delivers a reversible capacity of 269 mAh g -1 at higher current density (1,500 mA g -1) after 100 cycles ...

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