

Supporting Information

Carbon-Coated Yttria Hollow Spheres as Both Sulfur Immobilizer and Catalyst of Polysulfides Conversion in Lithium-Sulfur Batteries

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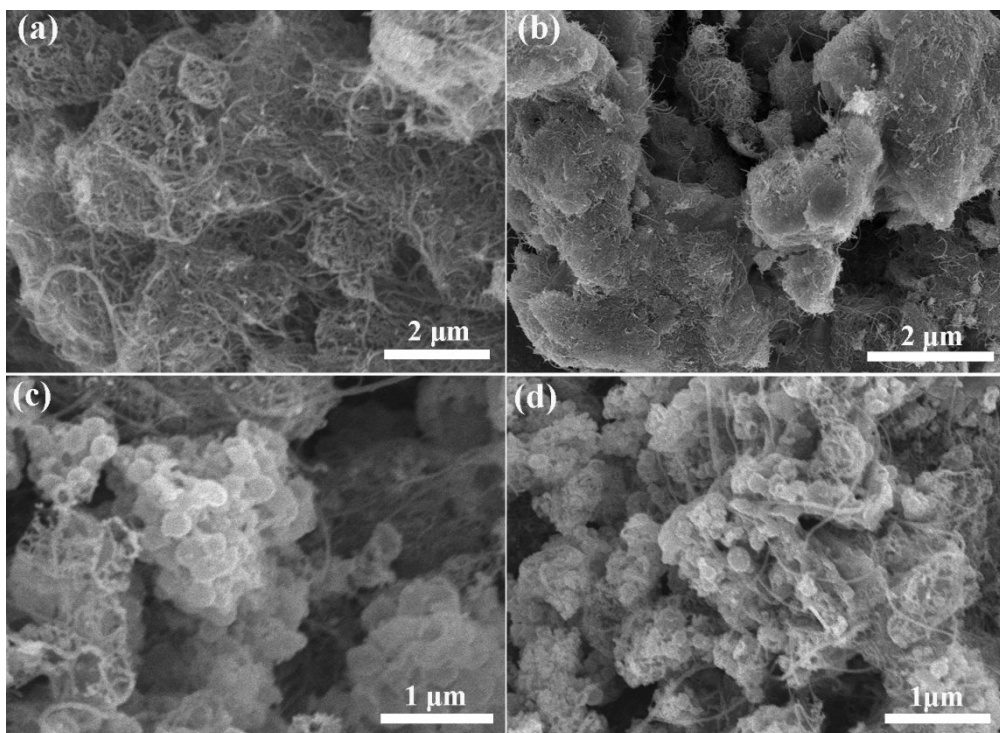


Figure S1. SEM images of CNT/S cathode (a) before and (b) after 50 cycles at 0.2C. SEM images of YHS@C/S cathode (c) before and (d) after 50 cycles at 0.2C.

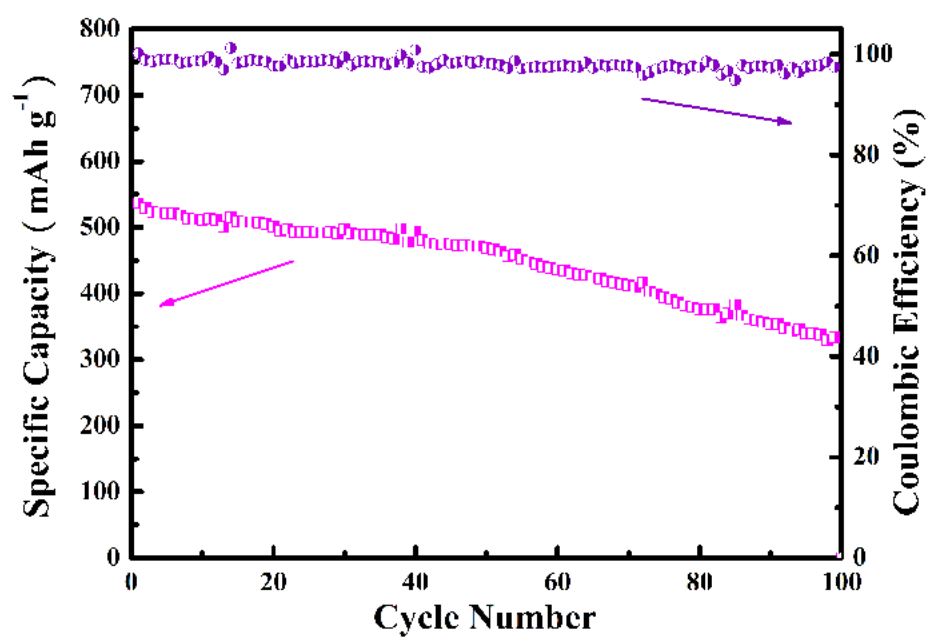


Figure S2. Cycle performance of the Li-S battery with YHS@C/S as cathode and YHS/CNT-0.6 as the modified separator at 1C under high sulfur areal loading.