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## ACCEPTED MANUSCRIPT

# A 3D conductive carbon interlayer with ultrahigh adsorption capability for lithium-sulfur batteries

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#### **Abstract**

To improve the cycling performance of the Li-S batteries, a 3D interwoven hollow interlayer with extremely high electrolyte adsorption capability up to 9.64 g g<sup>-1</sup> was simply prepared by carbonization of cotton fabric (CCF). For comparison, an

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