

Supporting information

A sustainably hierarchical carbon derived from cultivated fibroid fungus for high performance lithium-sulfur batteries

Huali Wu¹, Jiafu Lin², Jirong Mou¹, Qiaoji Zheng¹, Dunmin Lin^{1,*}

¹College of Chemistry and Materials Science, Sichuan Normal University, Chengdu 610066, China

²Antibiotics Research and Re-evaluation Key Laboratory of Sichuan Province, Sichuan Industrial Institute of Antibiotics, Chengdu University, Chengdu, 400001, China.

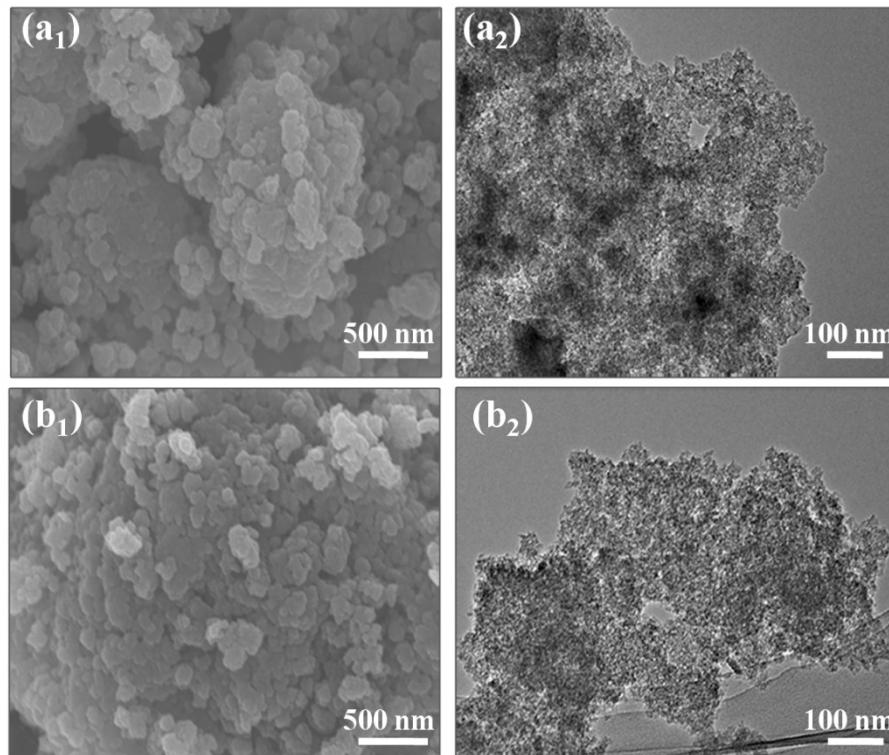


Fig.S1 SEM and TEM images of nAFC/S (a₁, a₂) and HAFC/S (b₁, b₂) composites

* Corresponding author: Tel.: +86 28 84760802; Fax: +86 28 84760802; E-mail: ddmd222@sicnu.edu.cn (Dunmin Lin)

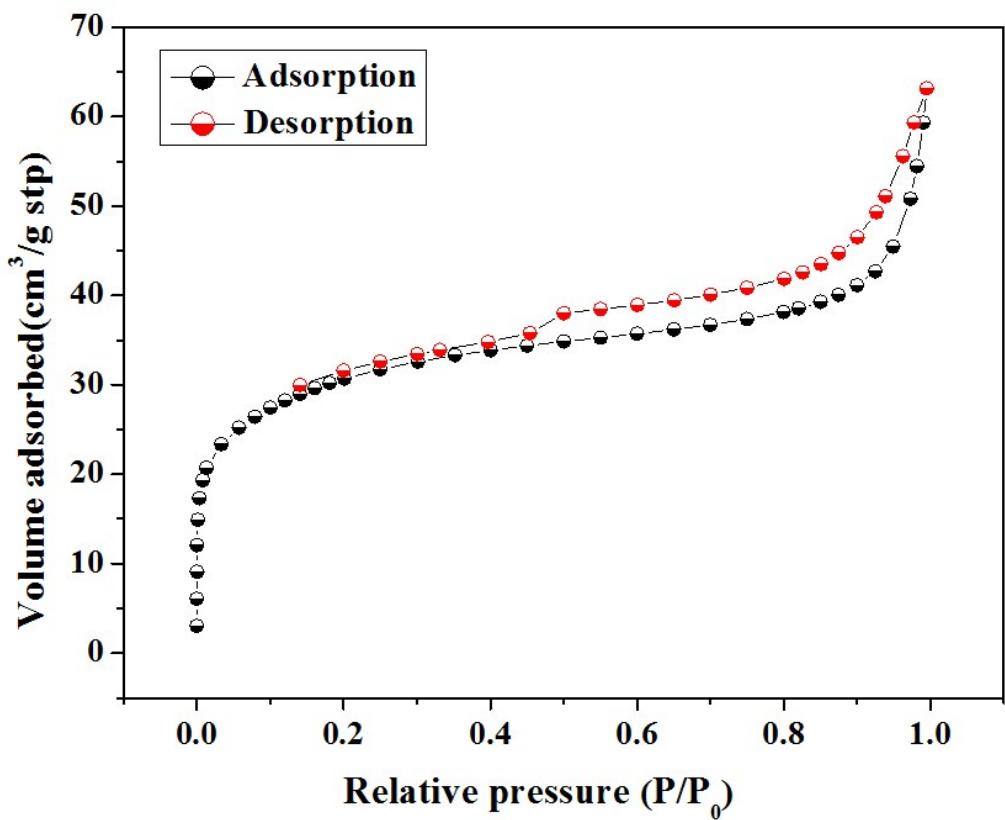


Fig.S2 Nitrogen adsorption-desorption isotherms of HAFC/S composite

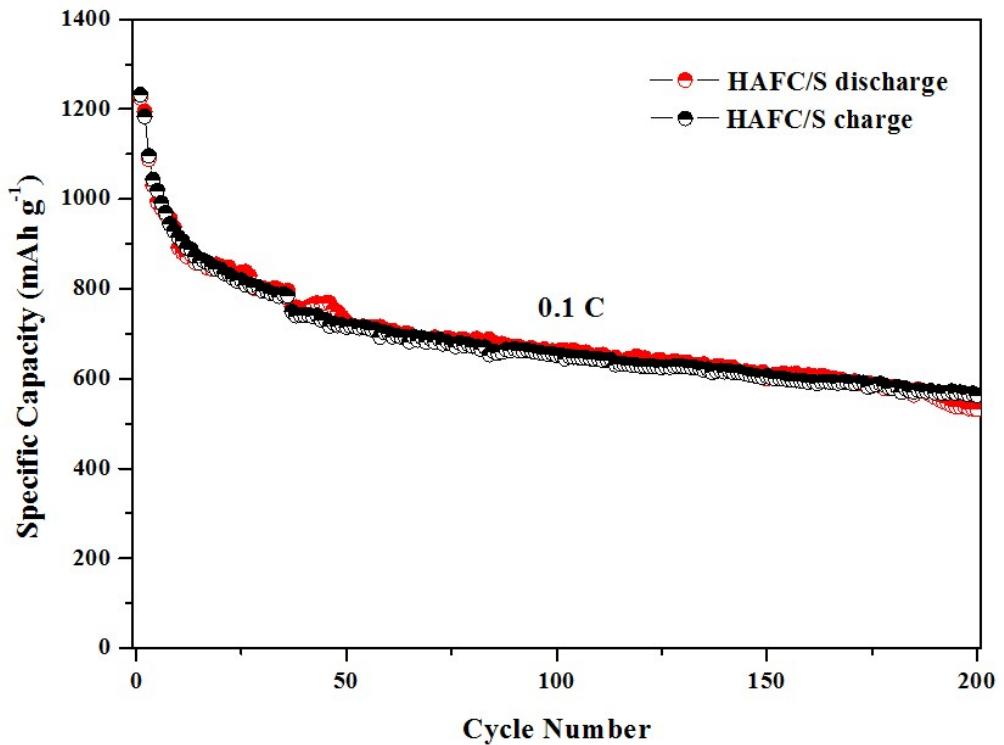


Fig. S3 The long cycling performance of HAFC/S electrode at 0.1C