Facile synthesis of hierarchical worm-like MoS$_2$ structures assembled with nanosheets as anode for lithium ion batteries

Hui-Yuan Wang, Bang-Yong Wang, Dong Wang, Lun Lu, Jin-Guo Wang*, Qi-Chuan Jiang

Key Laboratory of Automobile Materials of Ministry of Education & School of Materials Science and Engineering, Nanling Campus, Jilin University, No. 5988 Renmin Street, Changchun 130025, PR China

* Corresponding authors: Tel/Fax: +86 431 8509 4699

E-mail: wanghuiyuan@jlu.edu.cn; jgwang@jlu.edu.cn

Figure S1. N$_2$ adsorption-desorption isotherm loop and pore-size distribution plots of bulk MoS$_2$. 
Figure S2. FESEM image of the electrode after 100 cycles at a current of 500 mA g$^{-1}$. 