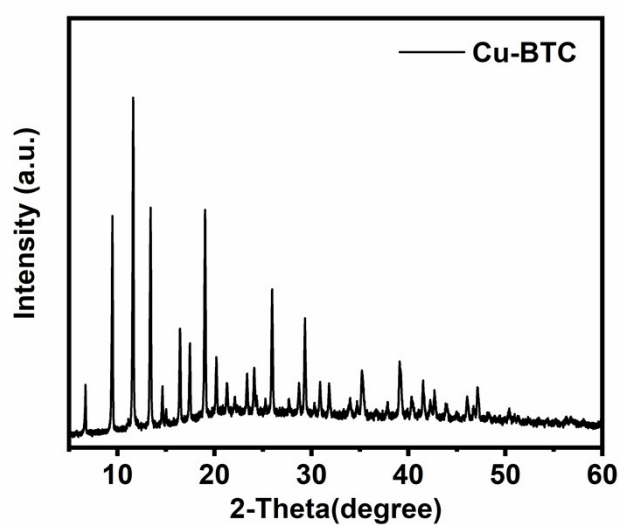


Porous CuO@C composite as high-performance anode materials for lithium-ion batteries

Yang Xu,^{a,b} Kainian Chu,^{a,b} Zhiqiang Li,^{a,b} Shikai Xu,^{a,b} Ge Yao,^{a,b} Ping Niu^{a,b} and Fangcai Zheng^{*a,b}

^a Institutes of Physical Science and Information Technology, Anhui University, Hefei, Anhui 230601, People's Republic of China

^b Key Laboratory of Structure and Functional Regulation of Hybrid Materials, Anhui University, Ministry of Education, Hefei, Anhui 230601, People's Republic of China



* zfc@mail.ustc.edu.cn

Figure S1. XRD pattern of Cu-BTC.

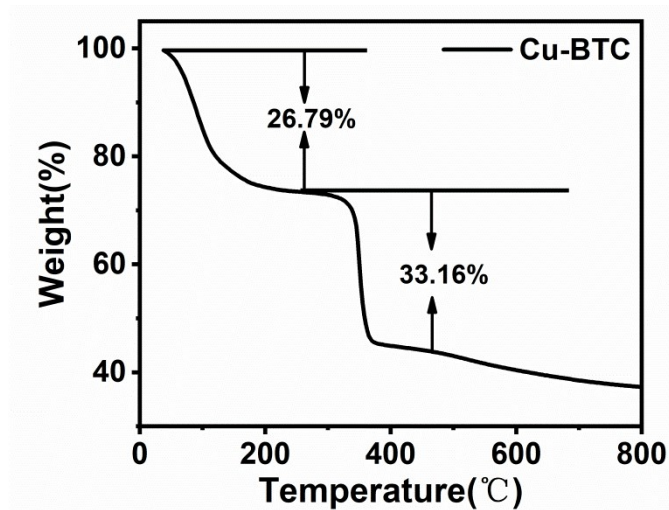


Figure S2. TGA curves of Cu-BTC precursor under N_2 .

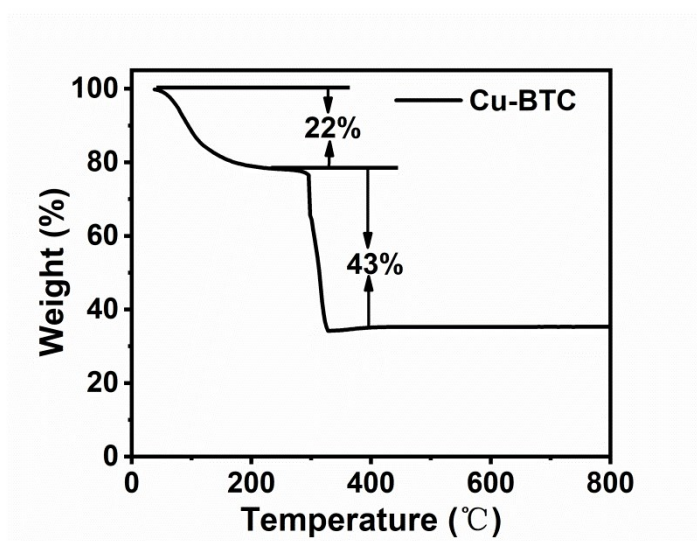


Figure S3. TGA curves of Cu-BTC in air.

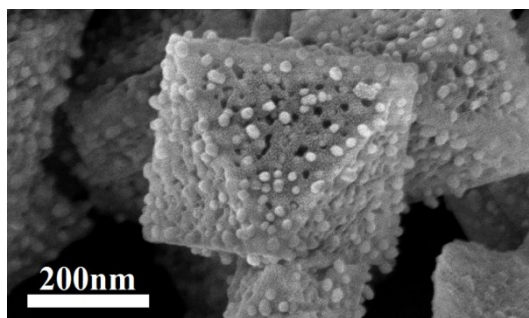


Figure S4. SEM image of Cu@C obtained at 600 °C in N₂.

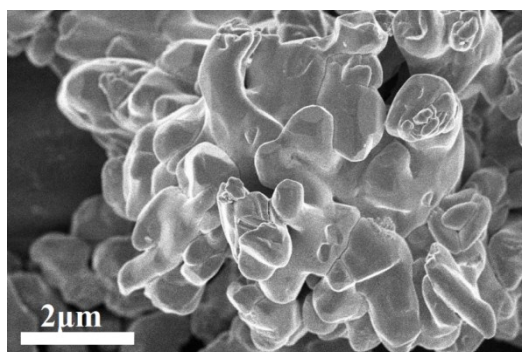


Figure S5. SEM image of CuO.

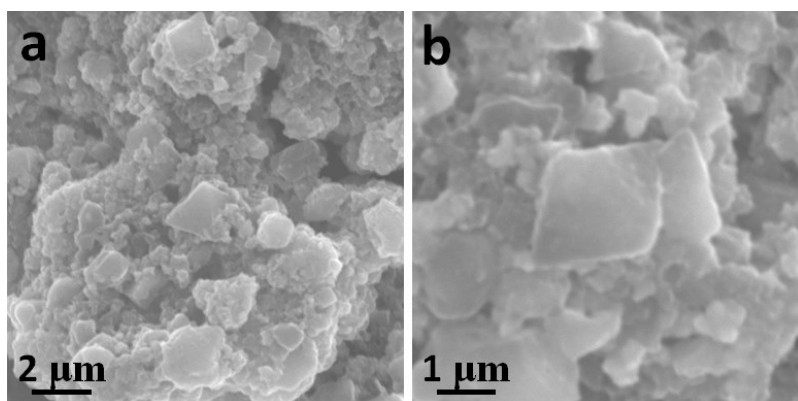


Figure S6. SEM images of the electrode material after 100 cycles at 100 mA g⁻¹.