

Supporting Information:

Functionalization of Carbon Nanotubes via the Birch Reduction Chemistry for Selectively Loading of CuO Nanosheets

Huiting Sun,^a Xiaoping Song,^a Minwei Xu,^{*a, b} Yin Zhang,^a Wenxiu Que^b and Sen Yang^{*a}

^a MOE Key Laboratory for Nonequilibrium Synthesis and Modulation of Condensed Matter, School of Science, Xi'an Jiaotong University, Xi'an, 710049, China.

^b Electronic Materials Research Laboratory, International Center for Dielectric Research, Xi'an Jiaotong University, Xi'an 710049, China.

*Corresponding author, E-mail: tery@stu.xjtu.edu.cn, yangsen@mail.xjtu.edu.cn

SI-1

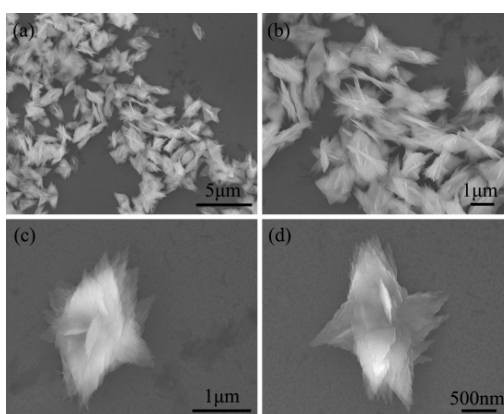


Figure S1 SEM images of pure CuO nanosheets without the introduction of CNTs

SI-2

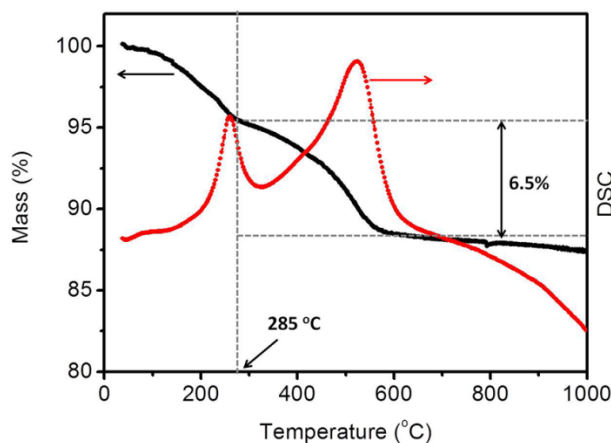


Figure S2 TG and DSC curves of CuO/CNT hybrids in air atmosphere

SI-3

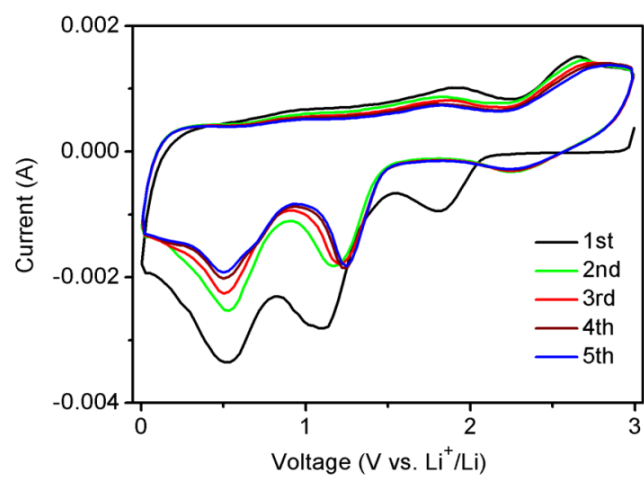


Figure S3 The first five cyclic voltammogram curves of CuO/CNT hybrids

SI-4

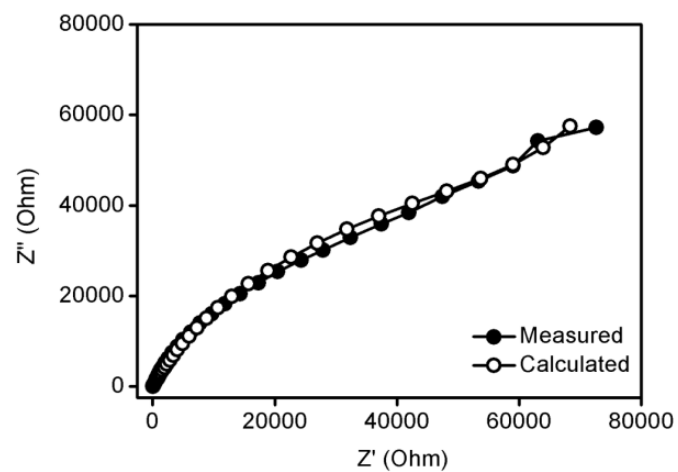


Figure S4 Nyquist plots of the pure CuO nanosheets.