

Electronic Supplementary Information

Direct Growth of Mesoporous Carbon-coated Ni Nanoparticles on Carbon Fibers for Flexible Supercapacitors

Jun Li,^{a,b} Yuhang Wang,^a Jing Tang,^a Yang Wang,^a Tianyu Wang,^a Lijuan Zhang,^a and Gengfeng Zheng*^a

^aLaboratory of Advanced Materials, Department of Chemistry, Fudan University, Shanghai, 200433, China. ^bSchool of Pharmacy, Fudan University, Shanghai, 201203, China.
E-mail: gfzheng@fudan.edu.cn.

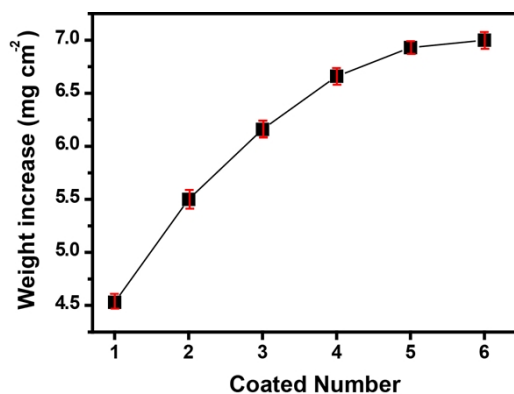


Figure S1. Mass per area of the Ni@C nanocomposite directly grown on carbon fibers versus coating times.

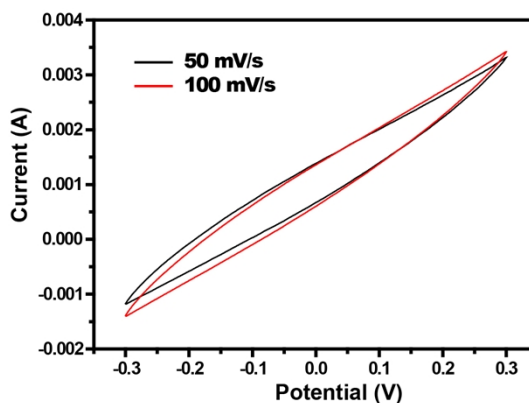


Figure S2. Cyclic voltammetry curves of pure carbon fiber at different scan rates.

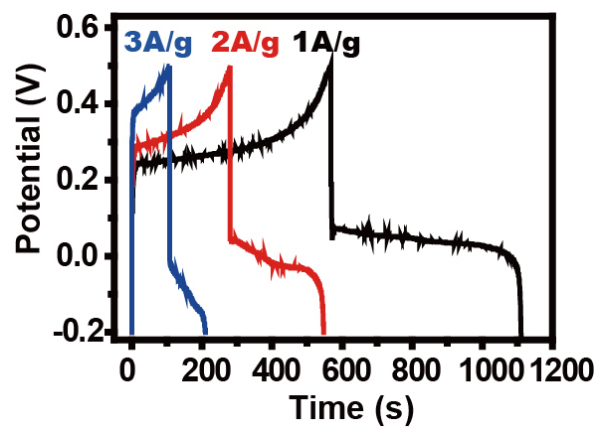


Figure S3. The galvanostatic measurement of mesoporous Ni@C composite grown on CFs without CCB treated.

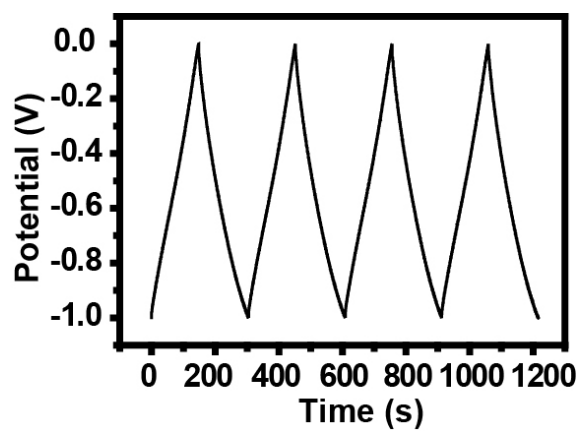


Figure S4. The galvanostatic measurement AC-based electrode at a discharge current of 1 A/g.