Electronic Supplementary Information (ESI)

Facile synthesis of nickel network supported three-dimensional graphene gel as a lightweight and binder-free electrode for high rate performance supercapacitor application

Haifu Huang, Lianqiang Xu, Yanmei Tang, Shaolong Tang,* and Youwei Du

The areal specific capacitance was obtained from the discharge process according to the following equation: Cs=2 I/(dV/dt), where I is the applied current density (A cm^{-2}), and dV/dt is the slope of the discharge curve(V/s).

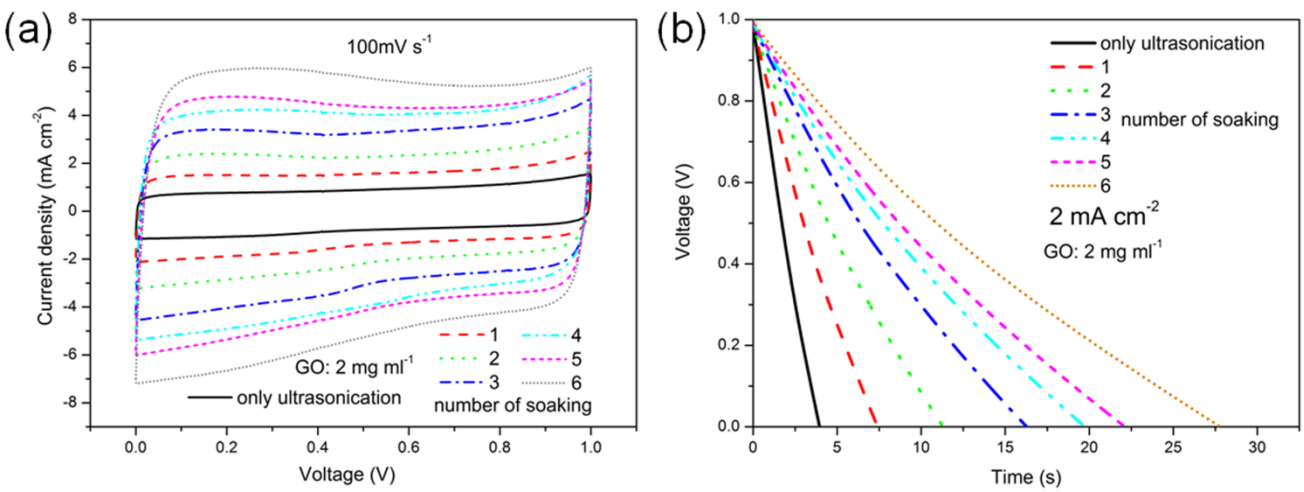

Fig. S1 CV curves and GCD curves of G-gel@NF-1 at different soaking times with 2 mg ml^{-2} of GO

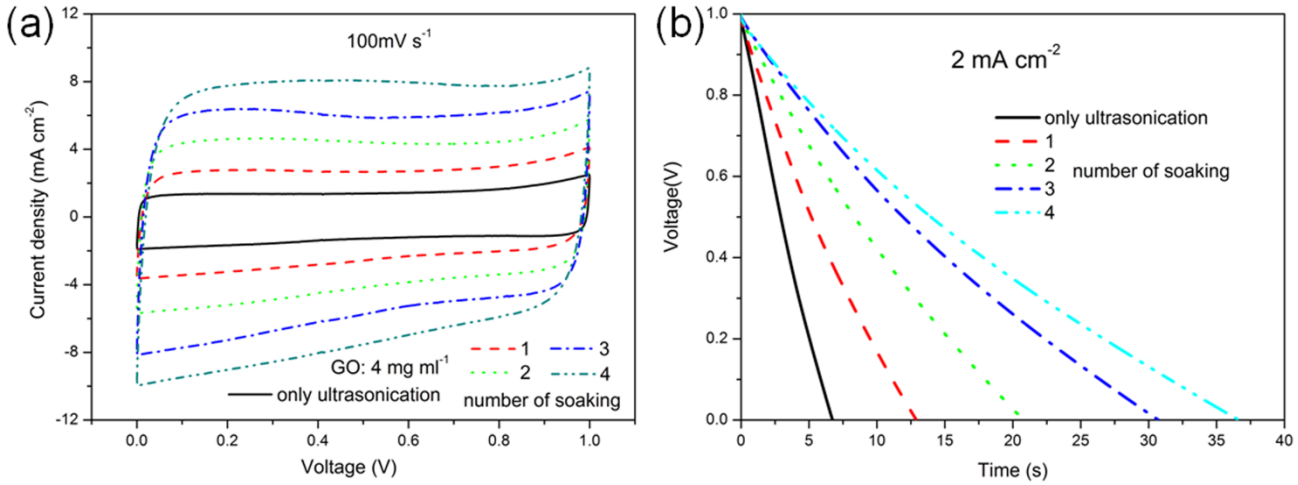

Fig. S2 CV curves and GCD curves of G-gel@NF-1 at different soaking times with 4 mg ml^{-2} of GO