Supplementary data

NiS nanosheets with novel appearance anchored on coal-based carbon fibers prepared by electrospinning for flexible supercapacitors

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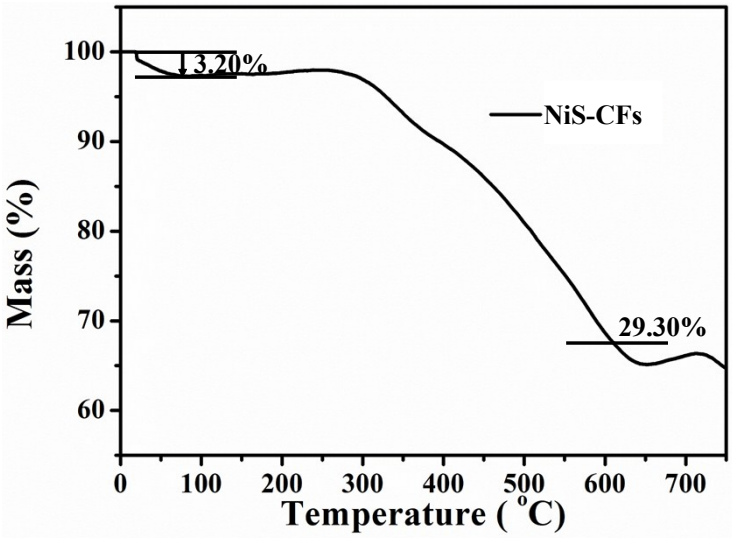

Figure S1. The TG curves of the as-prepared NiS-CFs composites.

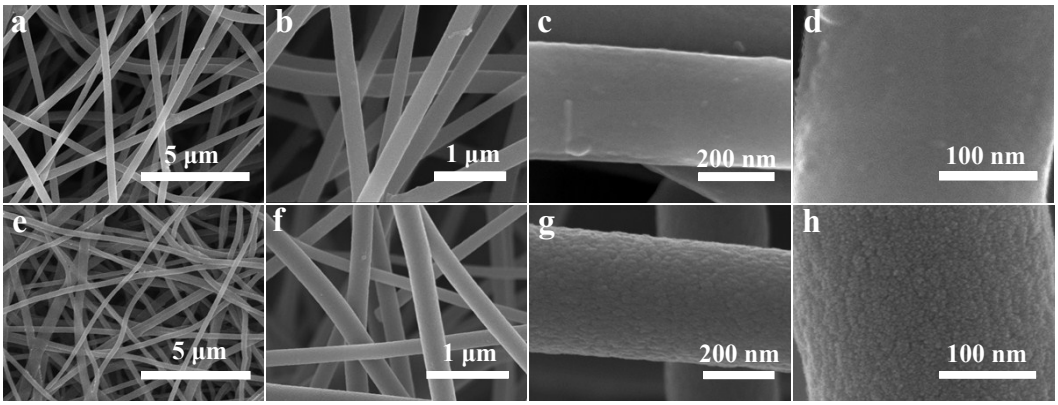

Figure S2. SEM images of the samples (a, b, c, d) CFs0 and (e, f, g, h) SiO_2-CFs.

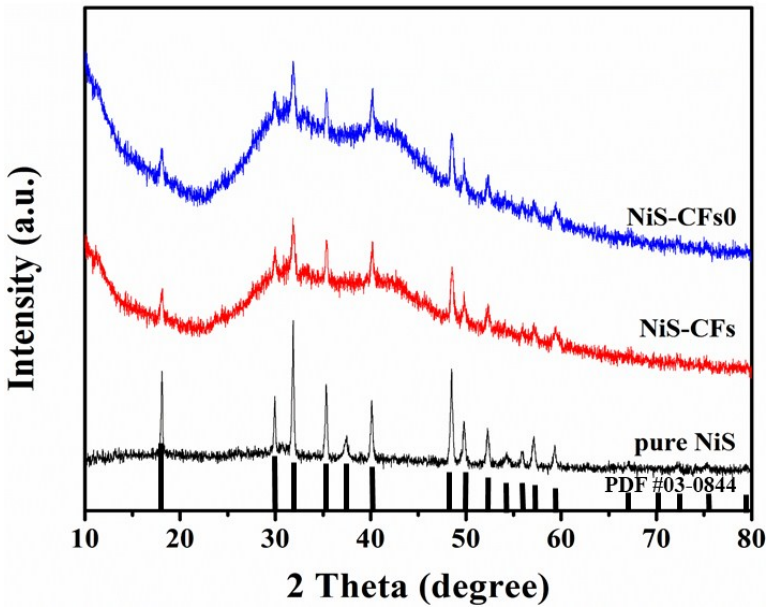

Figure S3. XRD patterns of NiS-CFs0, NiS-CFs and pure NiS.

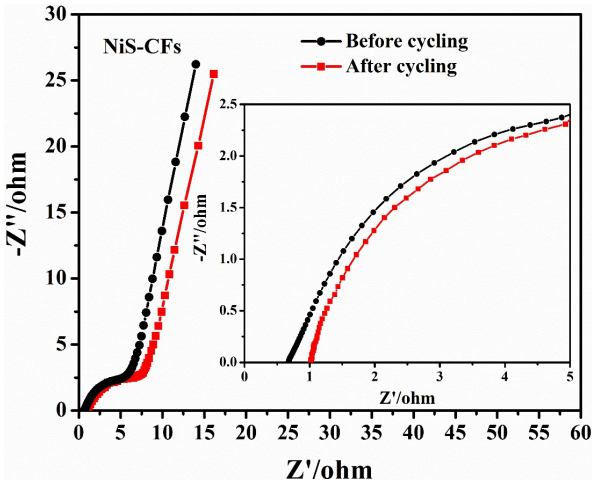

Figure S4. EIS spectrums of NiS-CFs before and after cycling process, the inset is the magnification Nyquist plots.

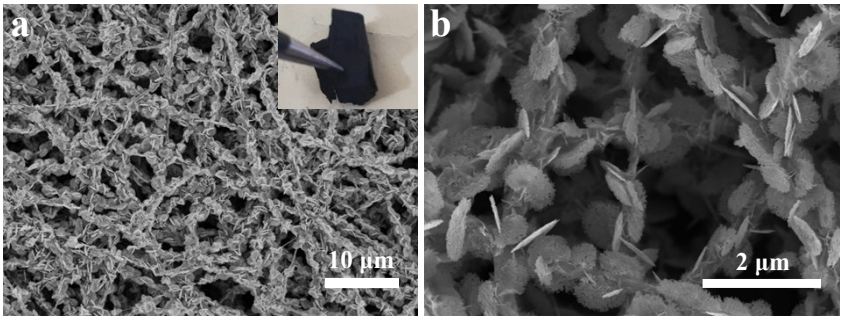

Figure S5. SEM images of the NiS-CFs composites after cycling. The inset is flexibility images of NiS-CFs after 5000 cycles.

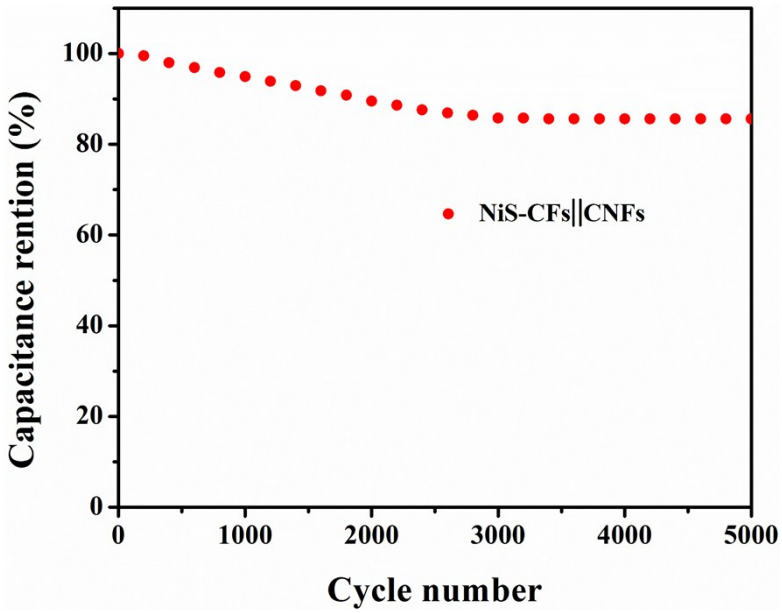

Figure S6. Cycling performance of NiS-CFs||CNFs device at a constant current density of 1.0 A g^{-1}.