

Supporting Information

Hierarchical Lotus Seedpod-Derived Porous Activated Carbon Encapsulated with NiCo_2S_4 for High-Performance All-Solid-State Asymmetric Supercapacitor

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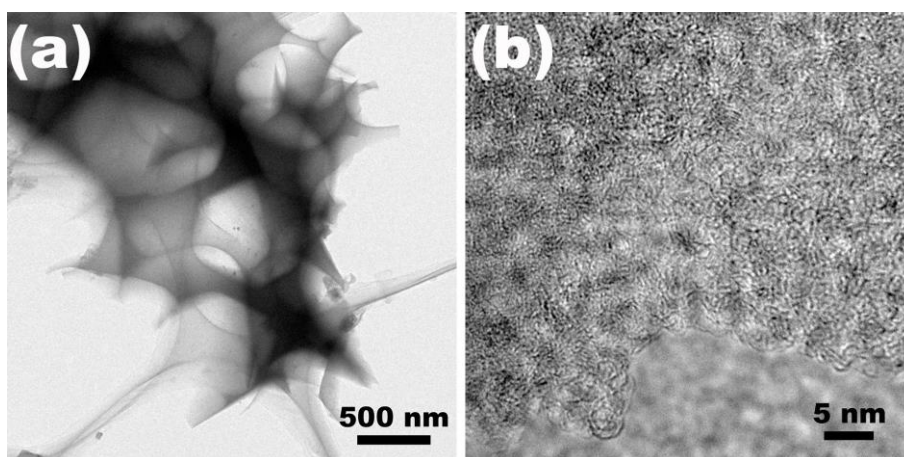


Figure S1. (a) TEM and (b) HRTEM images of the PAC.

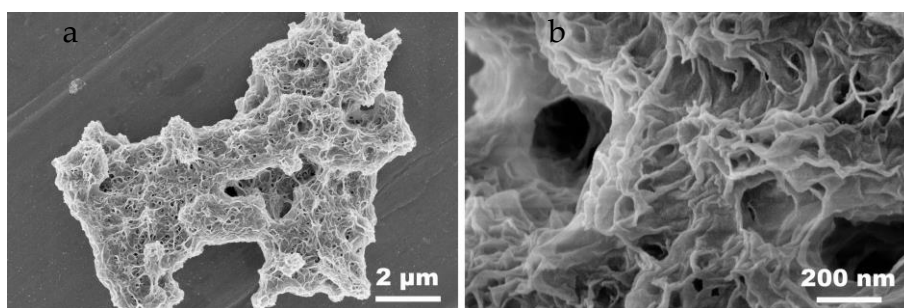


Figure S2. (a) Low and (b) high magnification SEM images of the PAC/NiCo precursor.

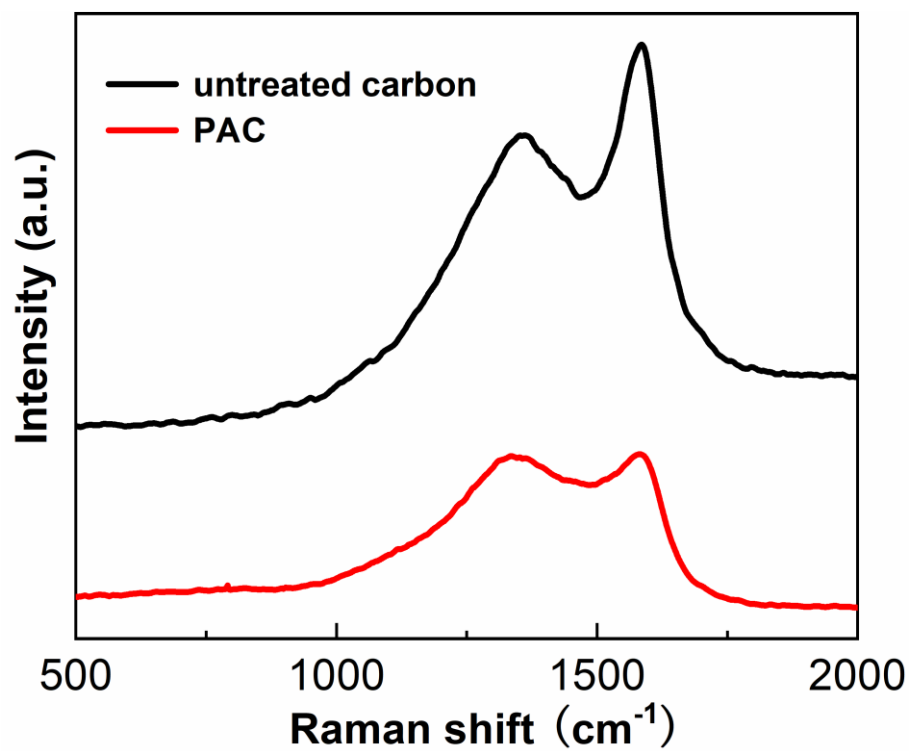


Figure S3. Raman spectra of the untreated carbon and the PAC.

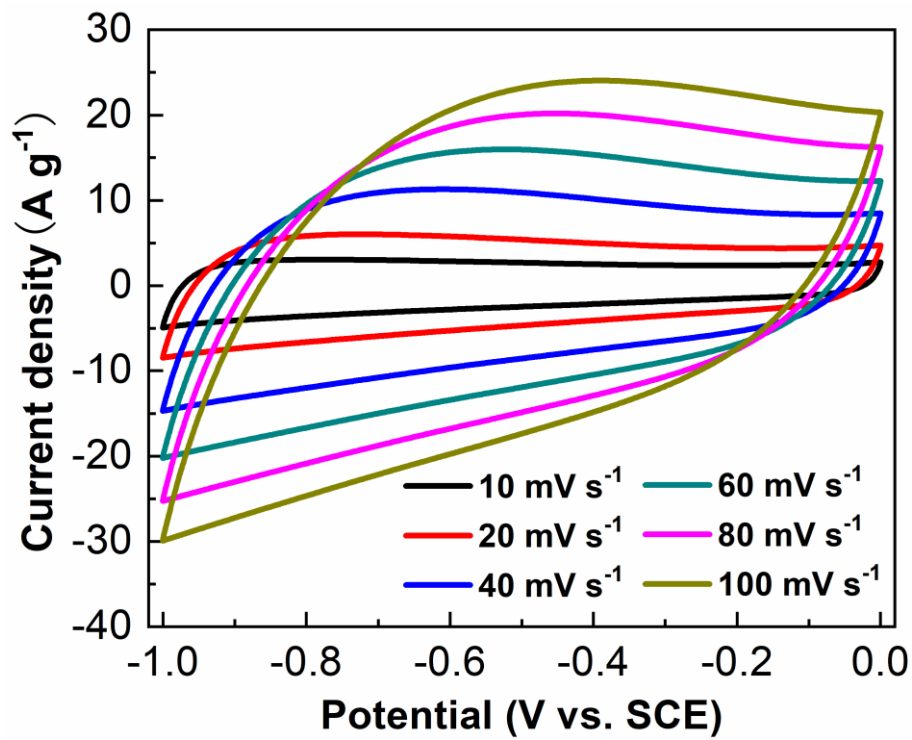


Figure S4. CV curves of the PAC at different scan rates.

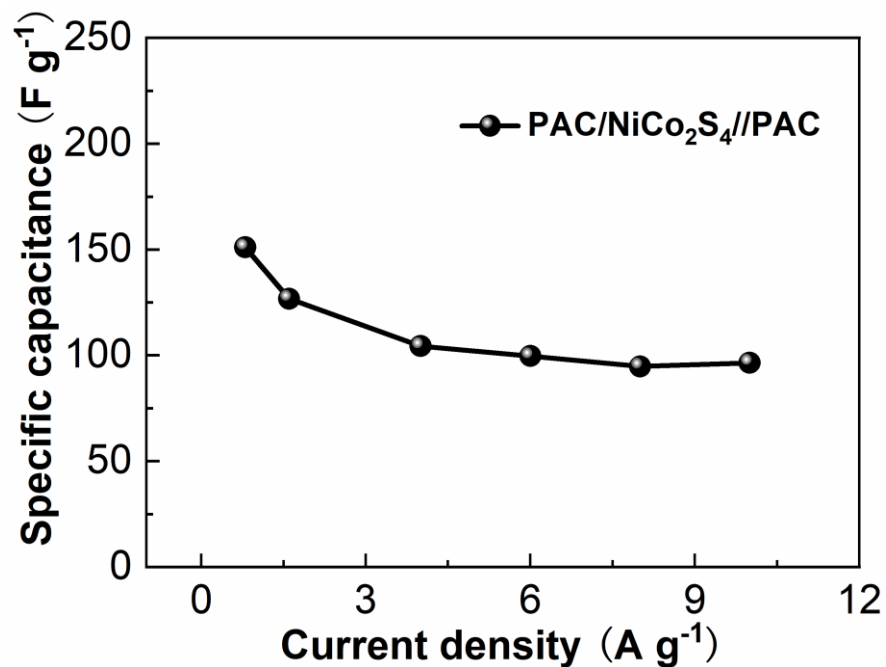


Figure S5. Specific capacitances of the PAC/NiCo₂S₄//PAC asymmetric supercapacitor at different current densities.

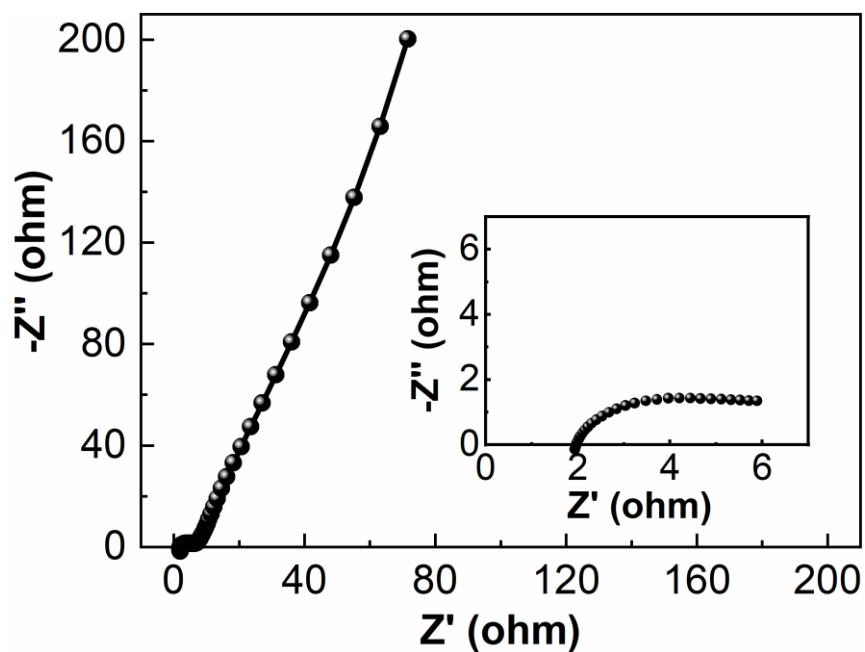


Figure S6 Nyquist plot of the PAC/NiCo₂S₄//PAC asymmetric supercapacitor device; the insets is the enlarged Nyquist plot.