

Electronic supplement information:

**Vertically Oriented Ni₃S₂/RGO/Ni₃S₂ Nanosheets on Ni Foam for
Superior Supercapacitors**

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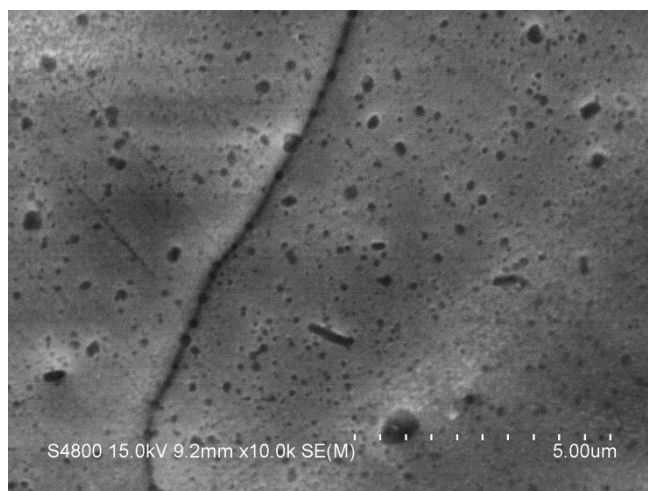


Fig. S1 FESEM image of $\text{Ni}_3\text{S}_2/\text{RGO}/\text{Ni}_3\text{S}_2/\text{NF}$ composite after ultrasonic treatment in the diluted HCl solution.

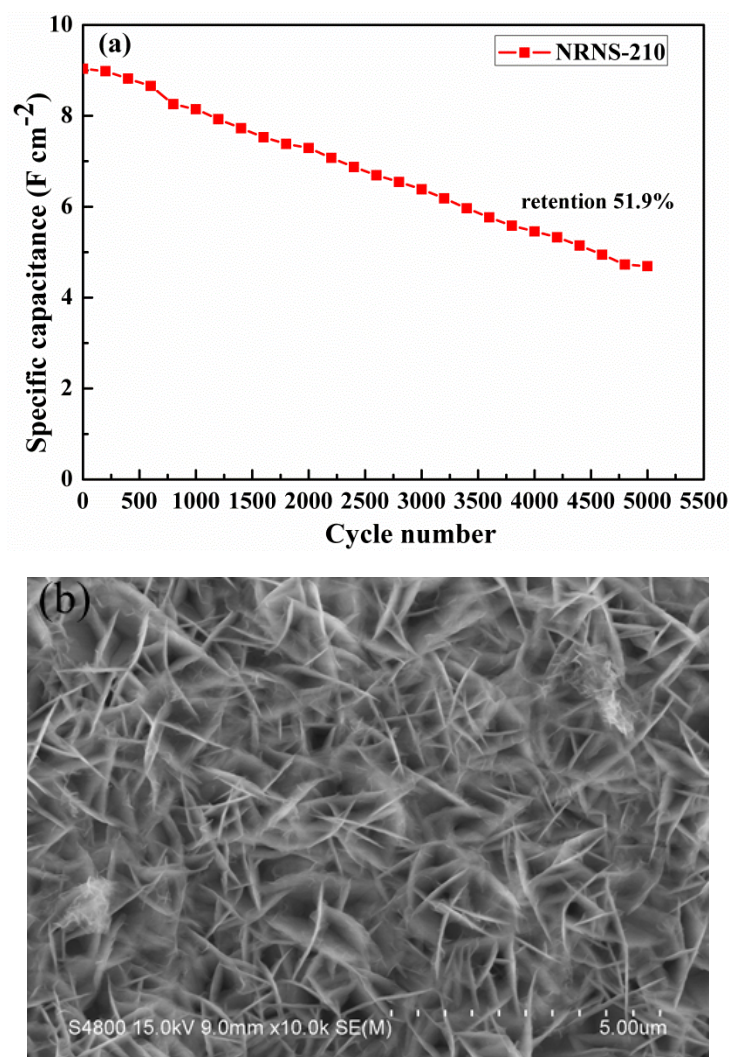


Fig. S2 (a) Cycling performance of the NRNS-210 for 5000 times at a current density of 100 mA cm⁻², (b) the morphology of the NRNS-210 electrode after 5000 cycles.

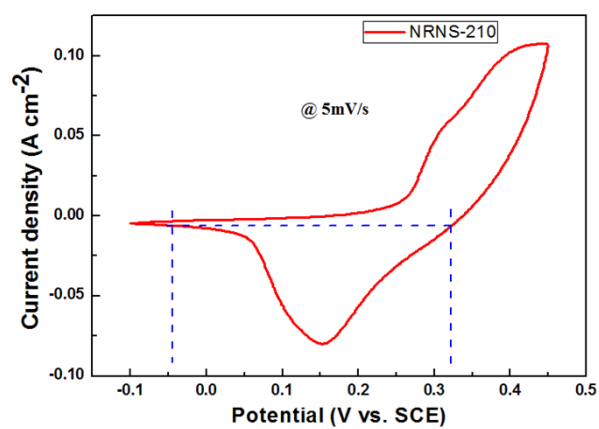


Fig.S3 Cyclic voltammogram (CV) curve of NRNS-210 electrode at 5mV/s.