

Supporting information

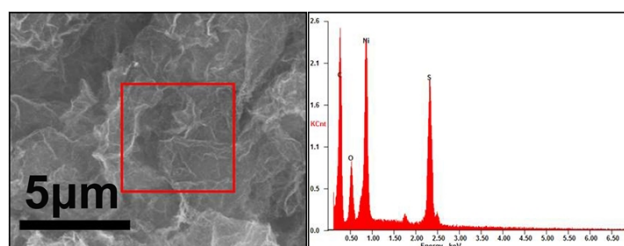


Fig. S1 The EDS measurement of self-assembled NiS-rGO aerogel.

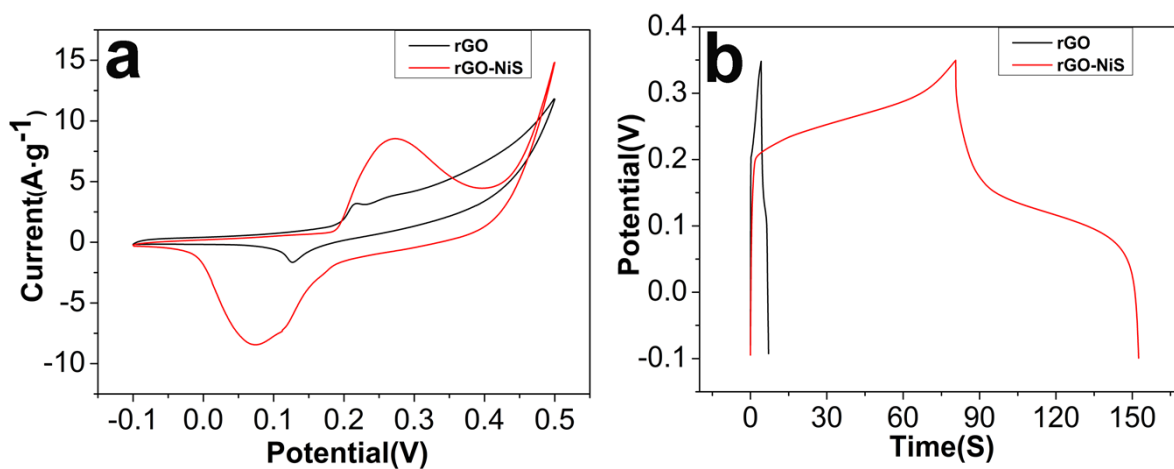


Fig. S2 CV curves at 5 mV·s⁻¹ (a) and charge and discharge profiles at an current density of 5 A·g⁻¹ (b) of pure rGO and NiS-rGO aerogel separately.

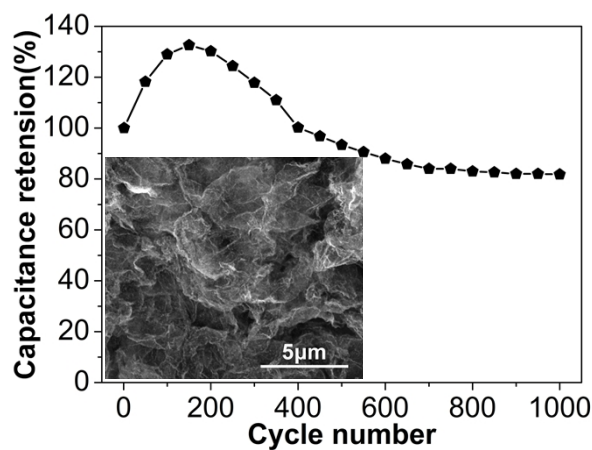


Fig. S3 The cycling performance of NiS-rGO nanocomposite at a current density of 2 A·g⁻¹.