Supporting Information

Graphene-based cobalt sulfides composite hydrogel with enhanced electrochemical properties for supercapacitors

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Fig. S1. TEM images of (a) GH, (b) Co$_x$S$_y$, and (c-d) CoSGH.
Fig. S2. SEM images of (a) GH, (b) Co₃S₈, and (c-d) CoSGH.

Fig. S3. Galvonostatic charge-discharge curves of samples with different ratios of GO/Co₃S₈ at a current density of 1 A·g⁻¹.
Fig. S4. Galvonostatic charge-discharge curves of samples obtained in different volumetric ratios of isopropanol/water at a current density of 1 A·g⁻¹.

Fig. S5. Rate performances of CoSGH and CoₓSᵧ at different current densities.