Supporting Information

Facile synthesis of Co_3O_4 porous nanosheets/reduced graphene oxide composites and their excellent supercapacitor performance

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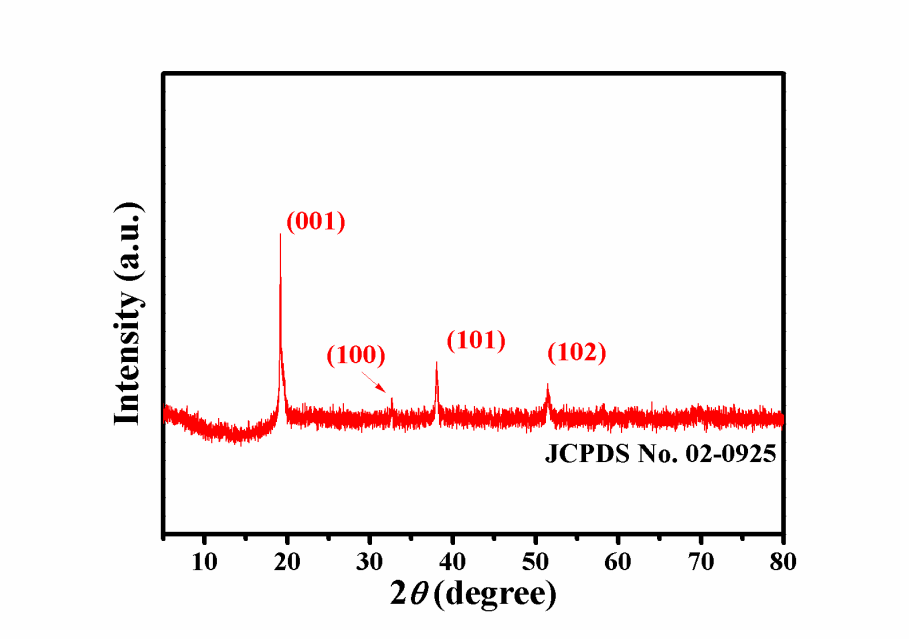

Fig. S1. XRD pattern of the as-prepared $Co(OH)_2$/RGO composite.

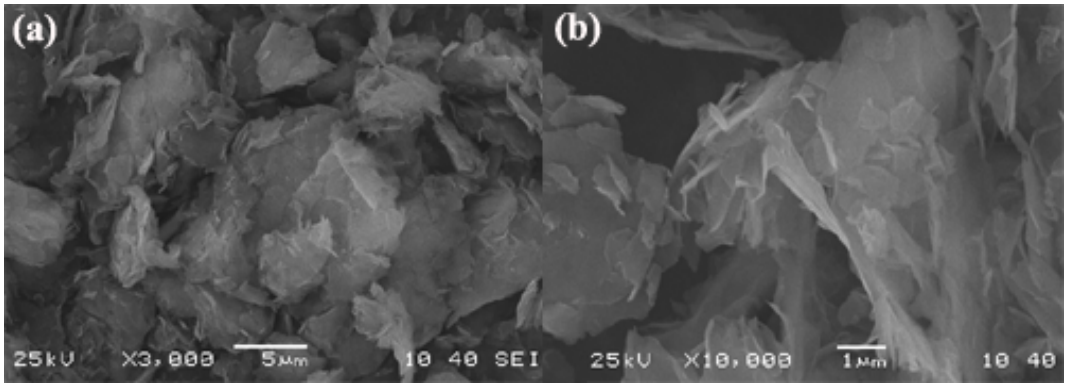

Fig. S2. (a,b) SEM images of Co_3O_4/RGO-0.50 composite.

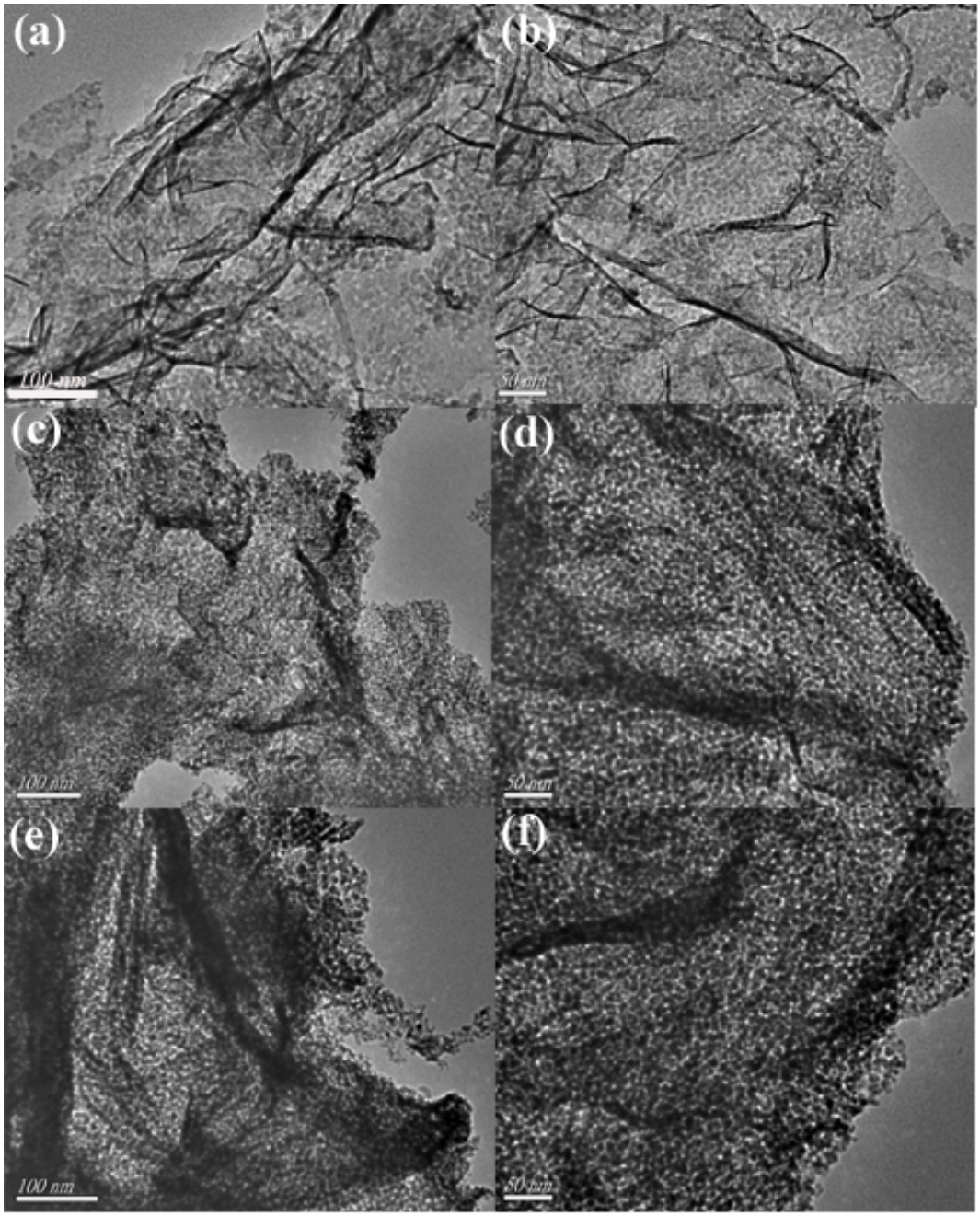

Fig. S3. TEM images of (a,b) Co_3O_4/RGO-0.25, (c,d) Co_3O_4/RGO-0.75 and (e,f) Co_3O_4/RGO-1.0 composites with different magnifications.

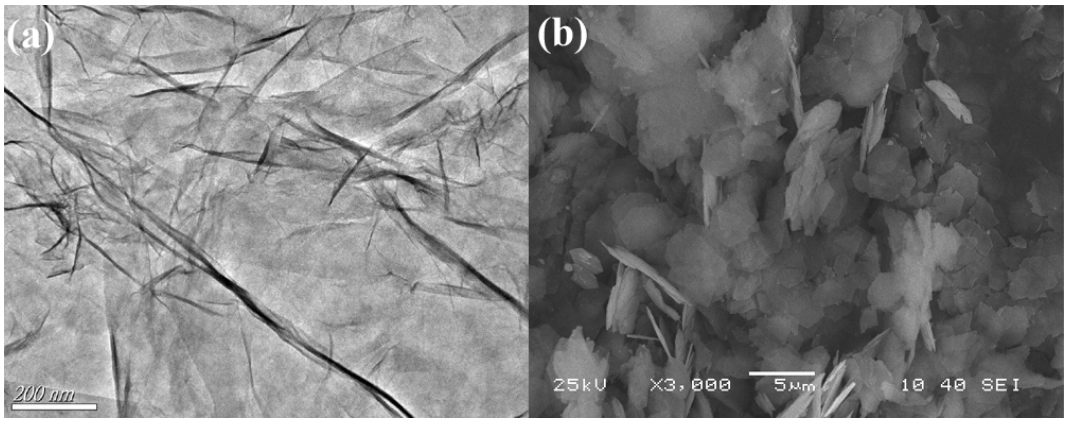

Fig. S4. (a) TEM image of $Co(OH)_2$/RGO-0.50 composite before thermal annealing treatment and (b) SEM image of pure $Co(OH)_2$ before thermal annealing treatment.

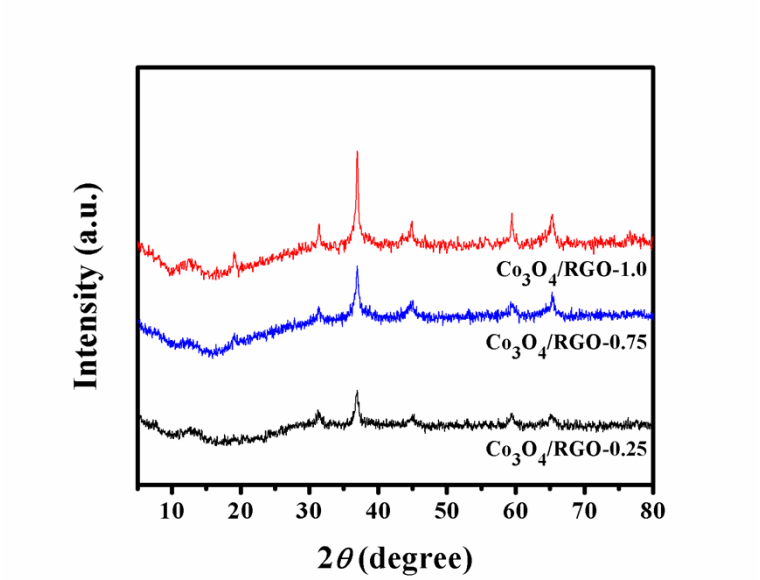

Fig. S5. XRD patterns of Co_3O_4/RGO-0.25, Co_3O_4/RGO-0.75 and Co_3O_4/RGO-1.0 composites.

Table S1. Co_3O_4 contents in Co_3O_4/RGO composites determined by ICP-OES.

Samples	Co_3O_4 content (wt%)
Co_3O_4/RGO-0.25	75.2
Co_3O_4/RGO-0.50	86.3
Co_3O_4/RGO-0.75	90.6
Co_3O_4/RGO-1.0	94.4