

Electronic Supplementary Material

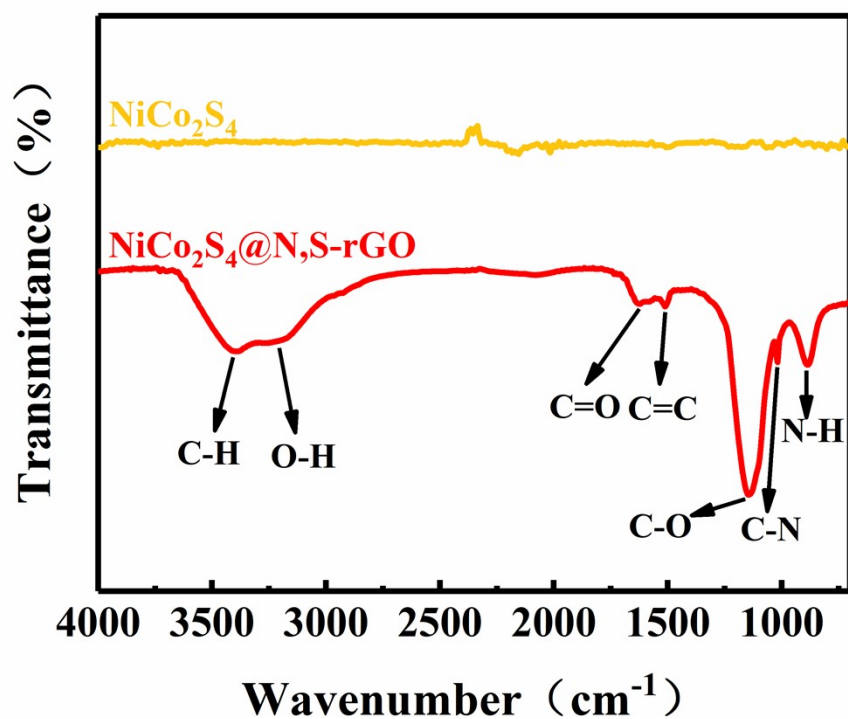


Fig. S1. FT-IR spectra of the  $\text{NiCo}_2\text{S}_4$  and  $\text{NiCo}_2\text{S}_4@\text{N,S-rGO}$

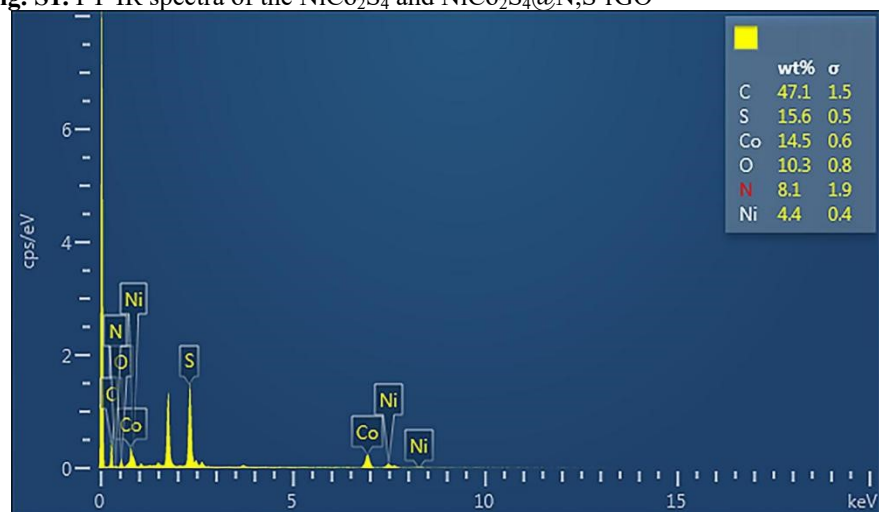


Fig. S2. EDS spectra of the  $\text{NiCo}_2\text{S}_4$  and  $\text{NiCo}_2\text{S}_4@\text{N,S-rGO}$

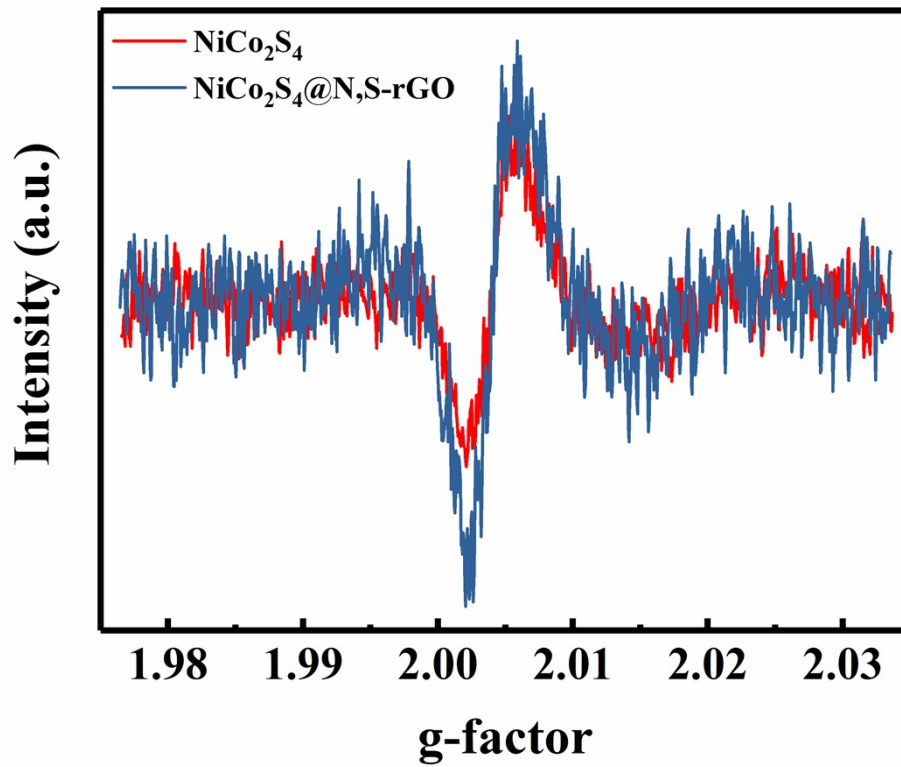


Fig. S3. EPR spectra of the  $\text{NiCo}_2\text{S}_4@\text{N,S-rGO}$  and  $\text{NiCo}_2\text{S}_4$