

Supporting Information

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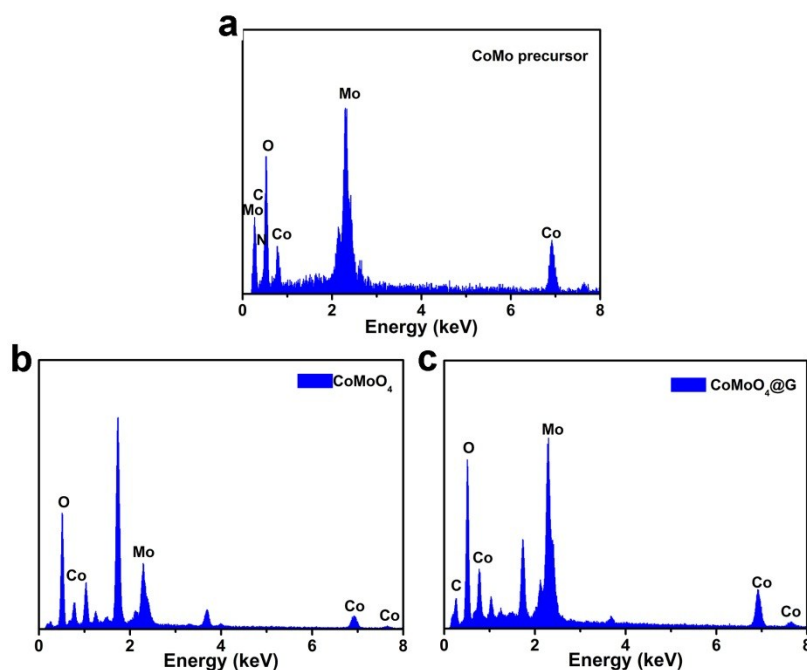


Figure S1. Energy-dispersive X-ray spectroscopy (EDS) plot of (a) CoMo precursor, (b) pure CoMoO₄ nanospheres and (c) CoMoO₄@G complex.

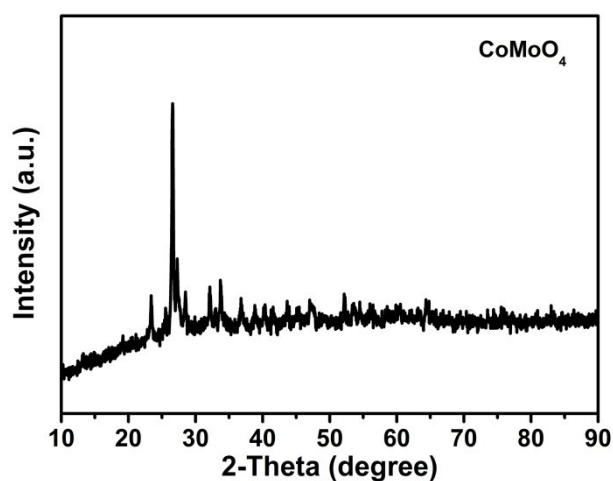


Figure S2. XRD pattern of pure CoMoO₄ nanospheres.

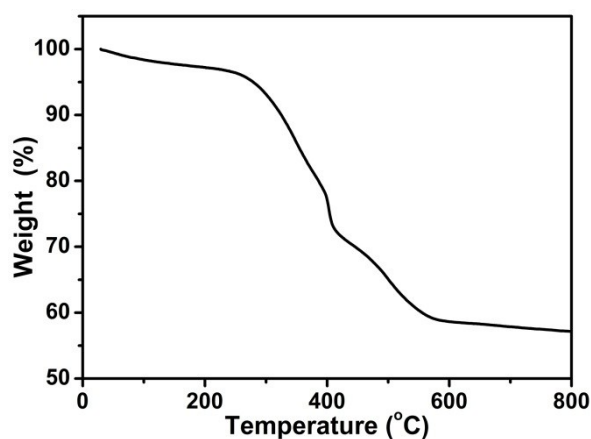


Figure S3. TGA plot of the CoMoO₄@G composites at O₂ atmosphere from room temperature to 800 °C with a heating rate of 10 °C min⁻¹

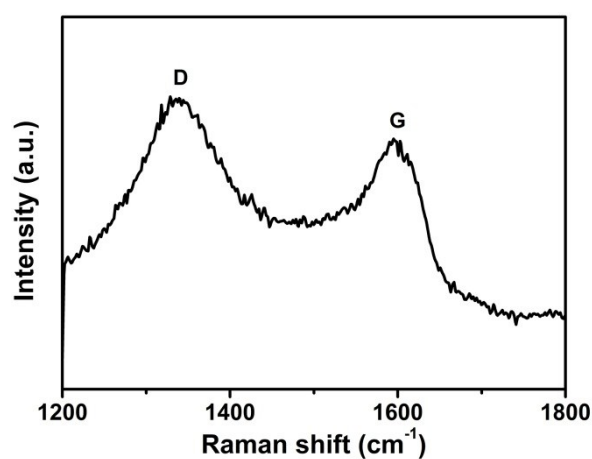


Figure S4. Raman spectrum of CoMoO₄@G composites

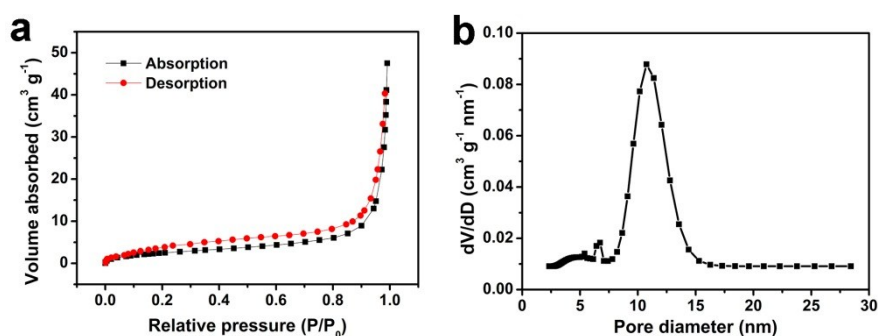


Figure S5. (a) Nitrogen adsorption-desorption isotherms and (b) the pore size distribution curve of the CoMoO₄@G sample.