

### Supporting Information

**Figure S1.** FT-IR spectrum of sample **S4**.

**Figure S2.** Low- and high-magnification SEM images of **S1** (a, b) and **S4** (c, d), respectively.

**Figure S3.** XPS spectra of sample **S4**. (a) survey spectrum; (b, c) core-level spectra of C 1s and N 1s.

**Figure S4.** XRD patterns of the as-synthesized samples obtained at different reaction stages (6, 8 and 12 h) at 180 °C with the identical solvent for synthesizing **S3**.

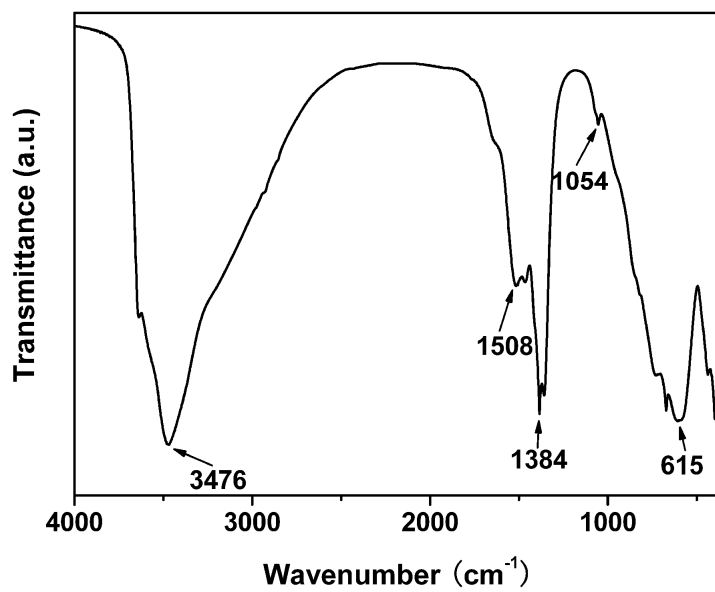


Figure S1.

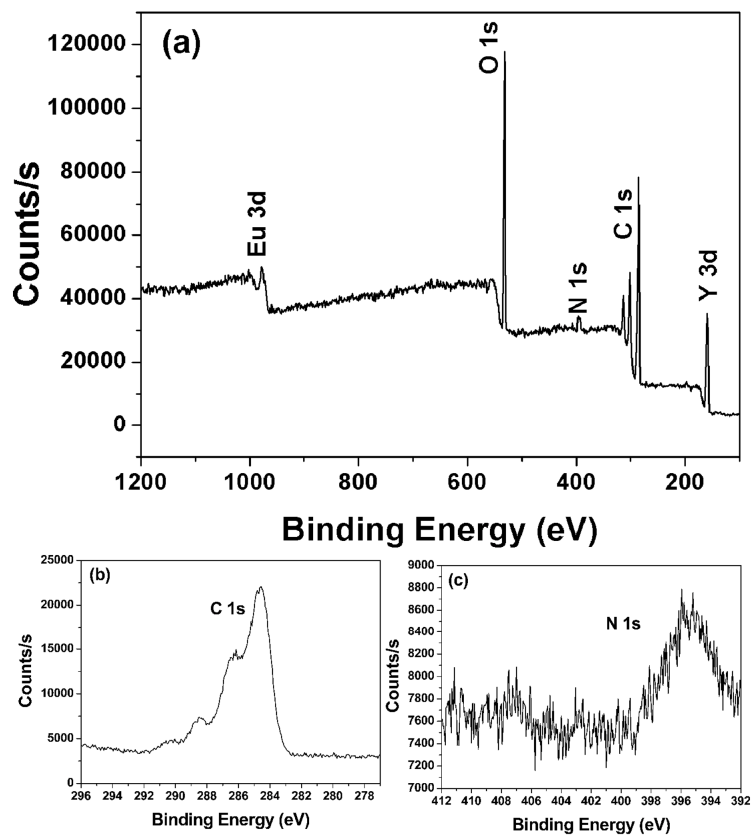
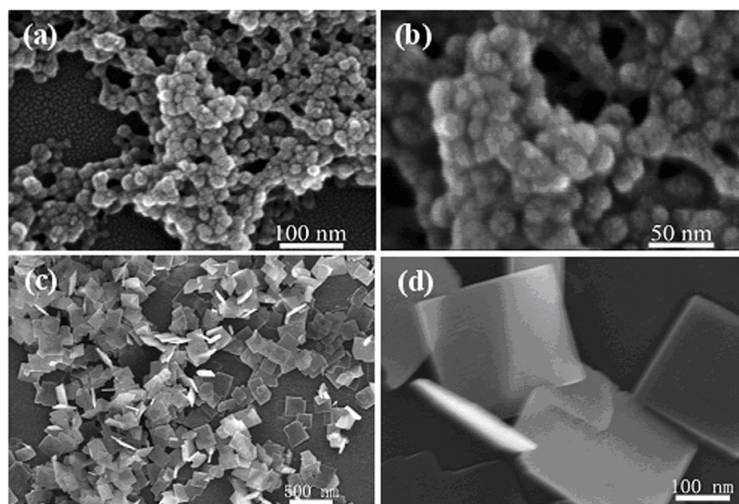


Figure S2.



**Figure S3.**

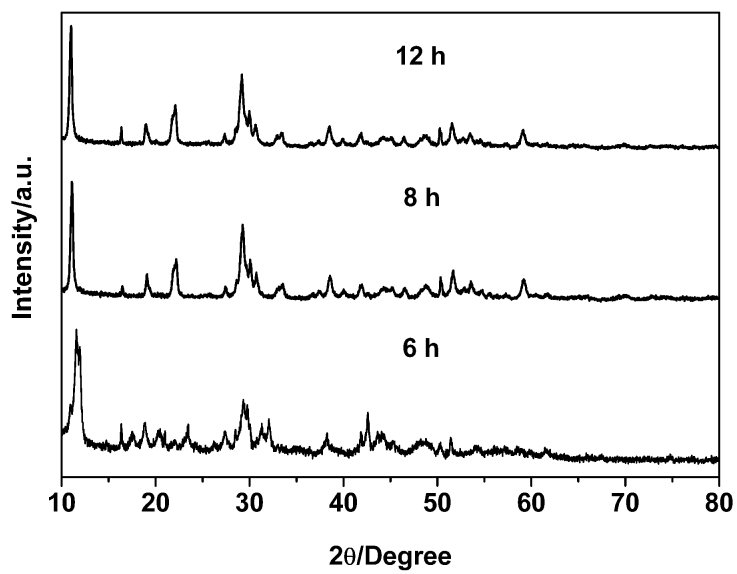


Figure S4.