

Figure S1 The standard PDF card of g-C<sub>3</sub>N<sub>4</sub> and Comparison of Simulated XRD with Synthesized XRD for ZIF-8

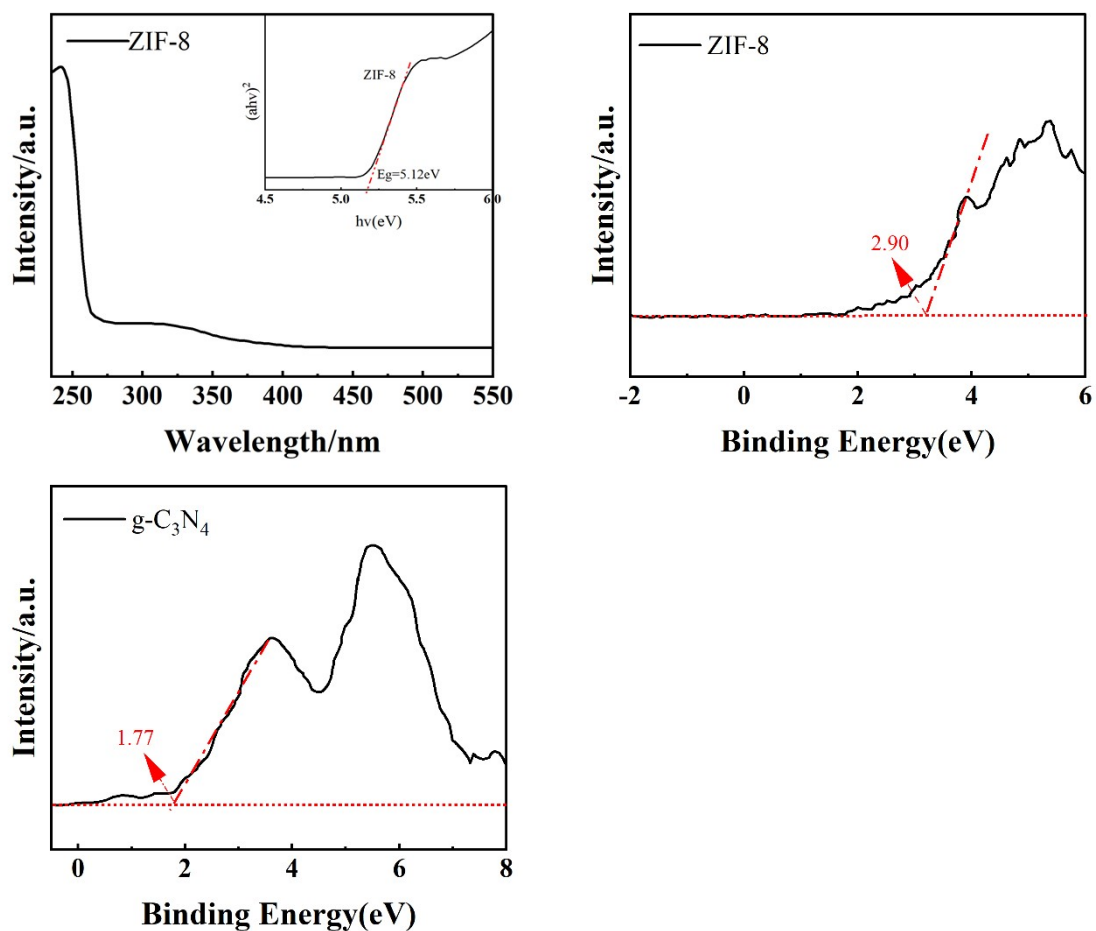


Figure S2 (a) UV-Vis and Corresponding Relationship between Optical Energy Changes of ZIF-8 (b) Valence band XPS spectra of g-C<sub>3</sub>N<sub>4</sub> and ZIF-8