

Facilitated Photocatalytic Degradation of Rhodamine B over One-Step Synthesized Honeycomb-like BiFeO₃/g-C₃N₄ Catalyst

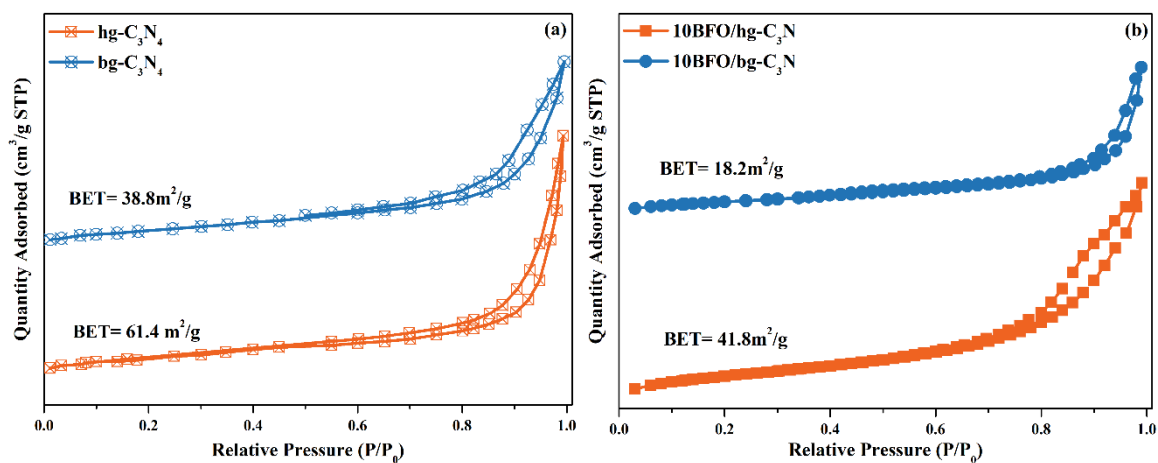


Figure S1. N₂ physisorption isotherms of (a) bg-C₃N₄ and hg-C₃N₄; (b) 10BFO/bg-C₃N₄ and 10BFO/hg-C₃N₄.

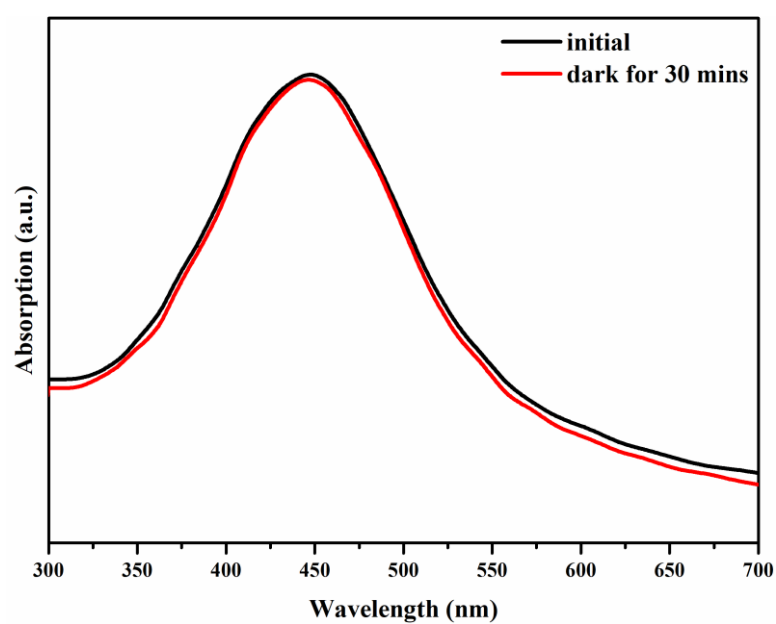


Figure S2. UV-Vis spectra of initial methyl red solution and after dark adsorption-desorption equilibrium for 30 minutes with 10BFO/hg-C₃N₄.

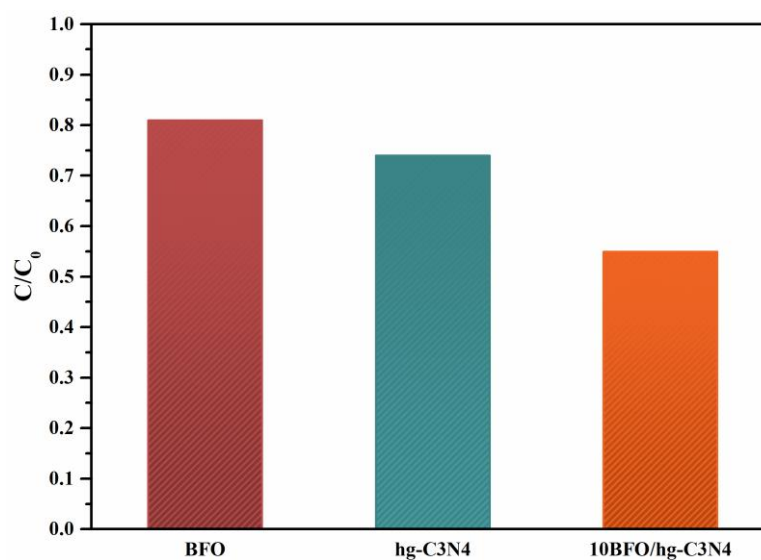


Figure S3. Photodegradation profiles of methyl red with different catalysts under solar simulator within 60 min.

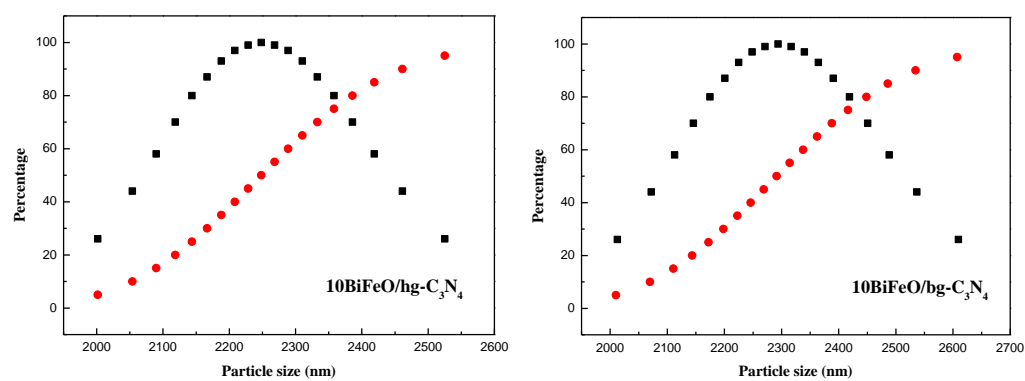


Figure S4. The particle size distribution of the samples.

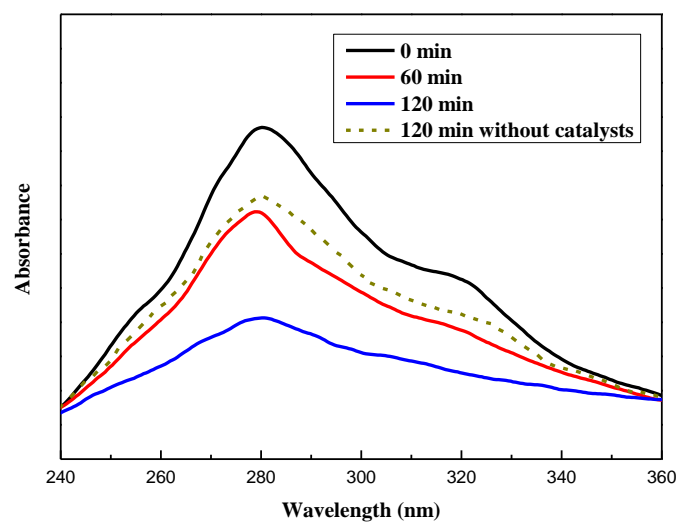


Figure S5. Disappearance of coumarin under irradiation.