

Electronic Supplementary Information For

Biomimetic layer-by-layer deposition assisted synthesis of Cu, N co-doped TiO₂ nanosheets with enhanced visible light photocatalytic performance

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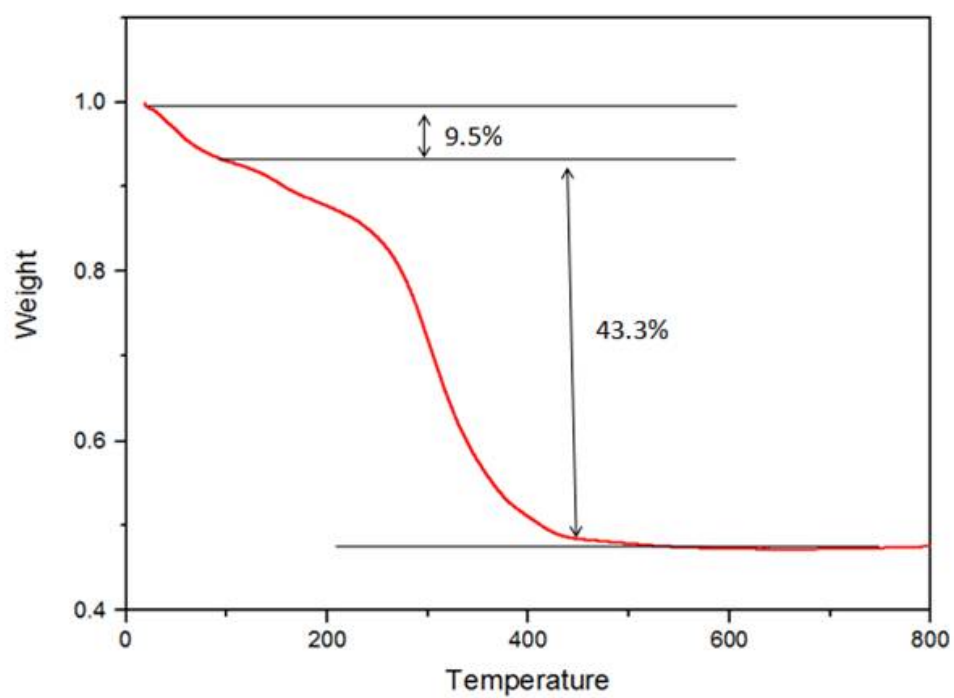


Figure S1. Thermogravimetric analysis of the b-PEI/Cu-Ti-O-coated graphene oxides upon heating at $5^{\circ}\text{C min}^{-1}$ to 800°C in air.

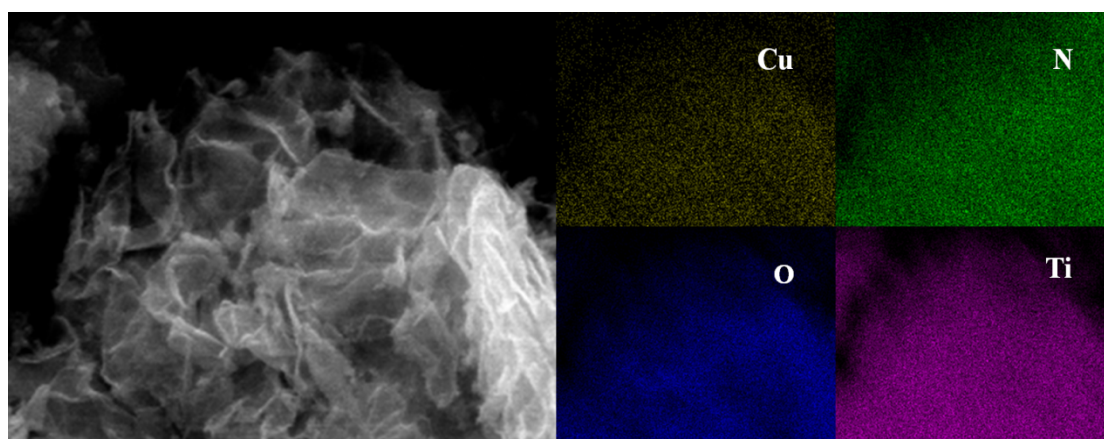


Figure S2. The EDX mapping results of Cu, N, O and Ti species in TiO₂ nanosheets.

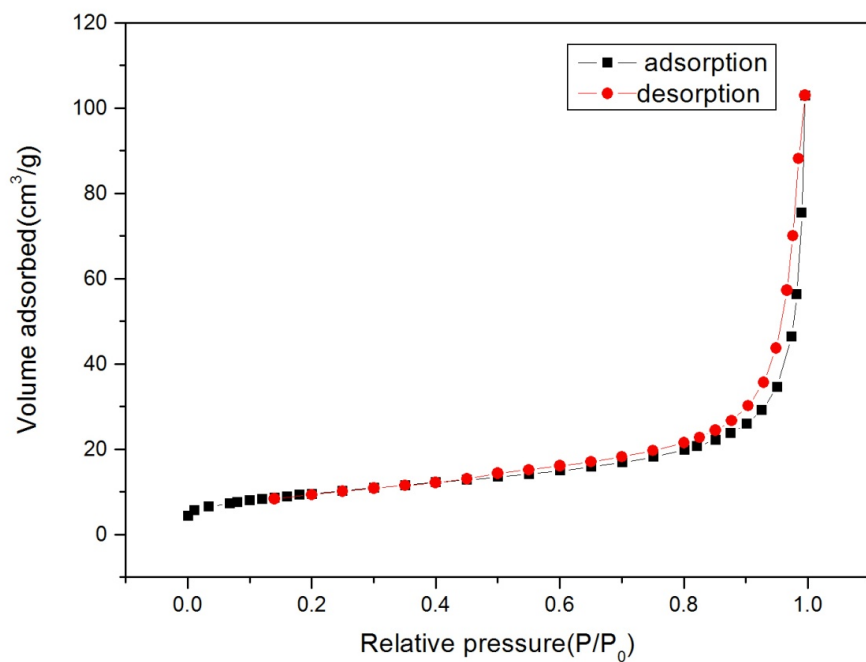


Figure S3. The nitrogen adsorption/desorption isotherms of Cu, N co-doped TiO₂ nanosheet measurement conducted at 77 K.

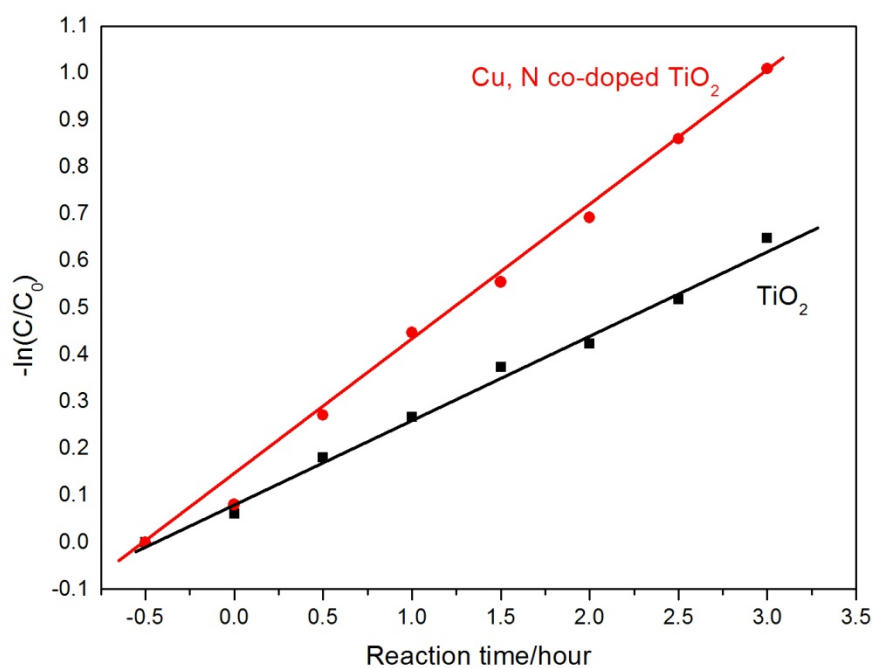


Figure S4. Kinetic study of the photocatalytic degradation of MB.

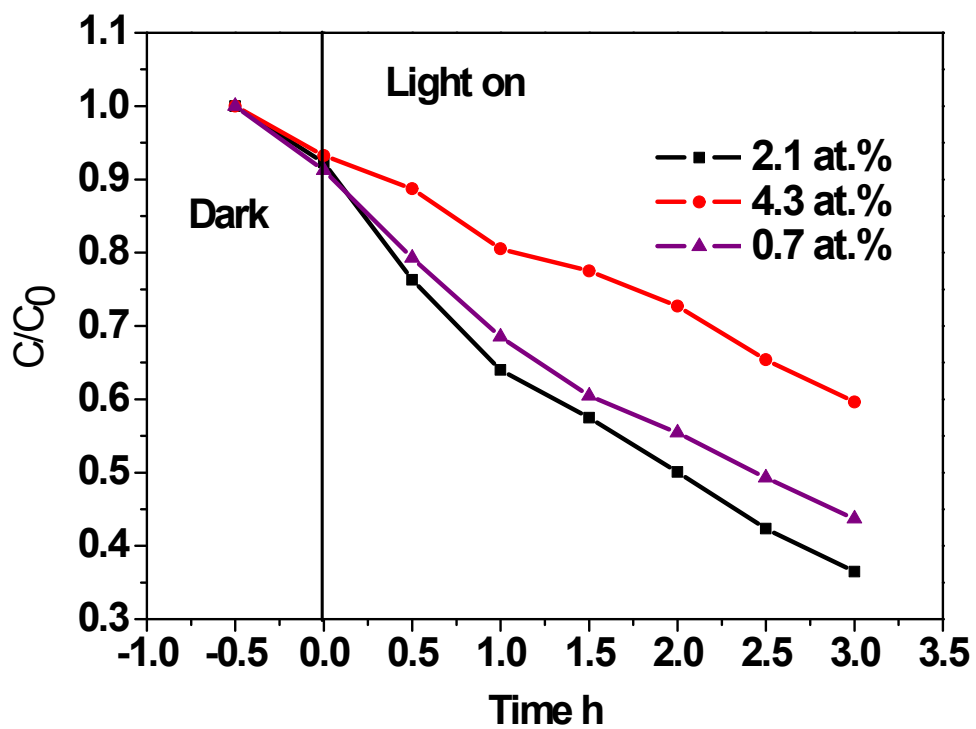


Figure S5. Photocatalytic degradation of MB for samples with different Cu content under visible light.