

Article—supporting information

One-step synthesis of b-N-TiO₂/C nanocomposites with high visible light photocatalytic activity to degrade *Microcystis aeruginosa*

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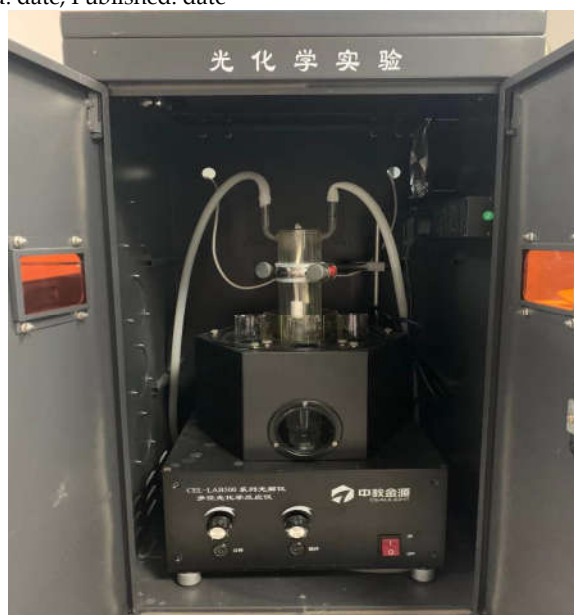


Figure S1. A multi-position photochemical reactor with a xenon lamp, UV-cutoff filters, cooling system, and magnetic stirrers.

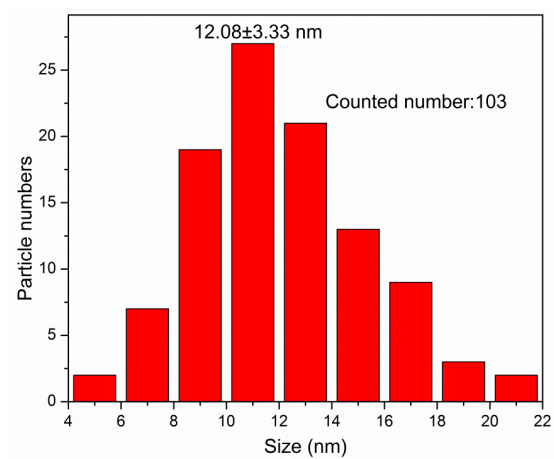


Figure S2. Particle size distribution of 0.6N

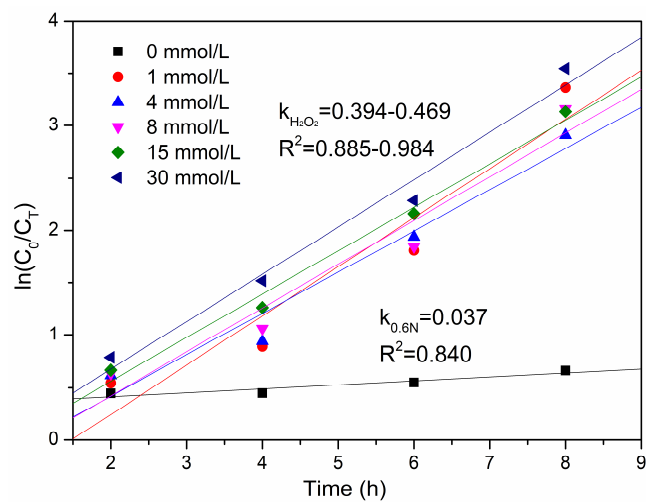


Figure S3. Variations of $\ln(C_0/C_T)$ versus visible light irradiation time with different concentration of H_2O_2 .

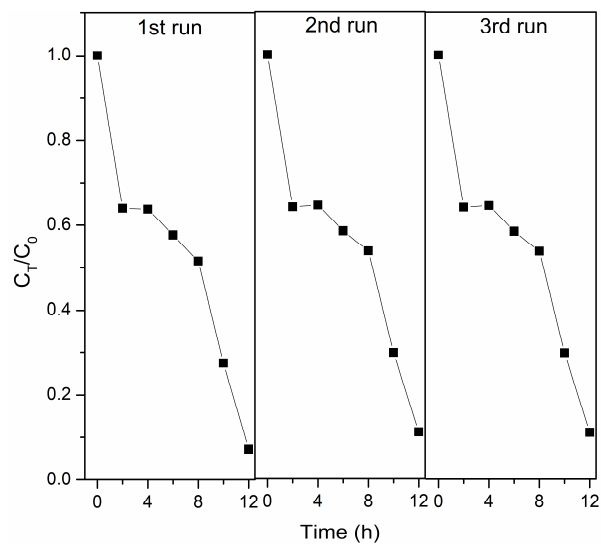


Figure S4. Photocatalytic degradation of chlorophyll-a in algae cells for three times by 0.6N.

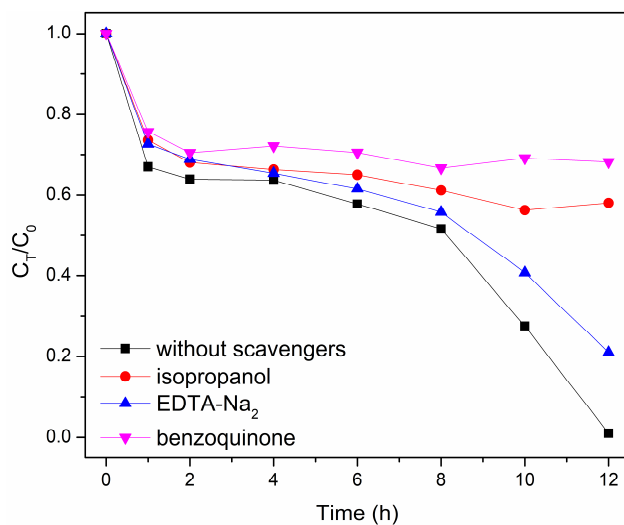


Figure S5. Trapping experiments of reactive oxygen species for the sample 0.6N in the process to degrade chlorophyll-a in algae cells.



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