

Appendix A. Supplementary information

**Enhanced visible light photocatalytic degradation of
chlortetracycline over montmorillonite/g-C₃N₄ composite:
kinetic insights, degradation pathways and ecotoxicity
evaluation**

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Supplementary caption

Figure S1. FESEM images of (a) g-C₃N₄, (c) Mt and (d) 1% Mt/g-C₃N₄ composite. EDS spectra of (b) g-C₃N₄, (d) Mt and (f) 1% Mt/g-C₃N₄ composite.

Figure S2. (a) Influence of various catalysts on NBT concentration under illumination; (b) Impact of various catalysts on •O₂⁻ generation under illumination

Figure S3. Mass spectra of CTC over g-C₃N₄ at 0 min (a), 20 min (b), 60 min (c) and 120 min (d).

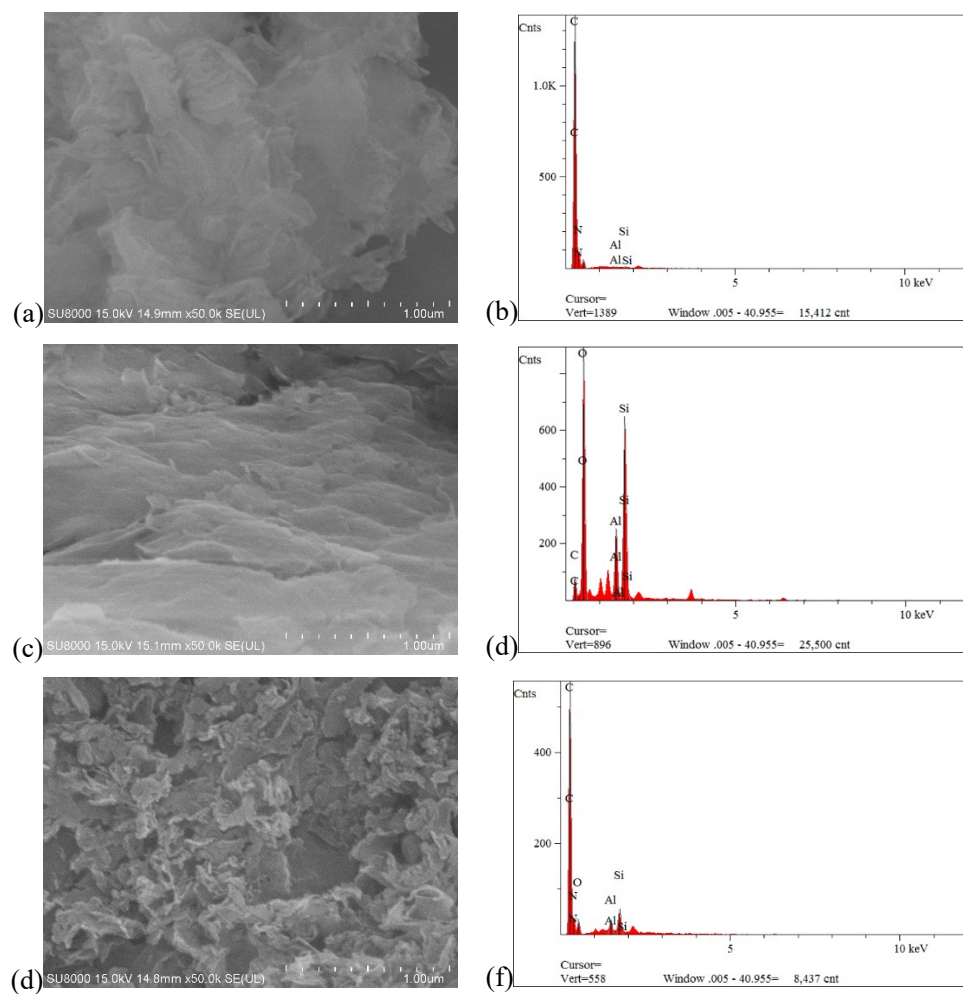


Fig. S1. FESEM images of (a) g-C₃N₄, (c) Mt and (e) 1% Mt/g-C₃N₄ composite. EDS spectra of (b) g-C₃N₄, (d) Mt and (f) 1% Mt/g-C₃N₄ composite.

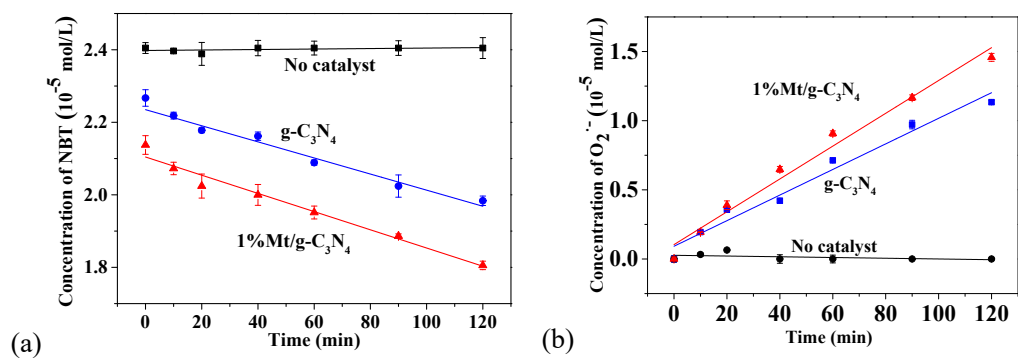


Fig. S2. (a) Influence of various catalysts on NBT concentration under illumination; (b) Impact of various catalysts on •O₂⁻ generation under illumination

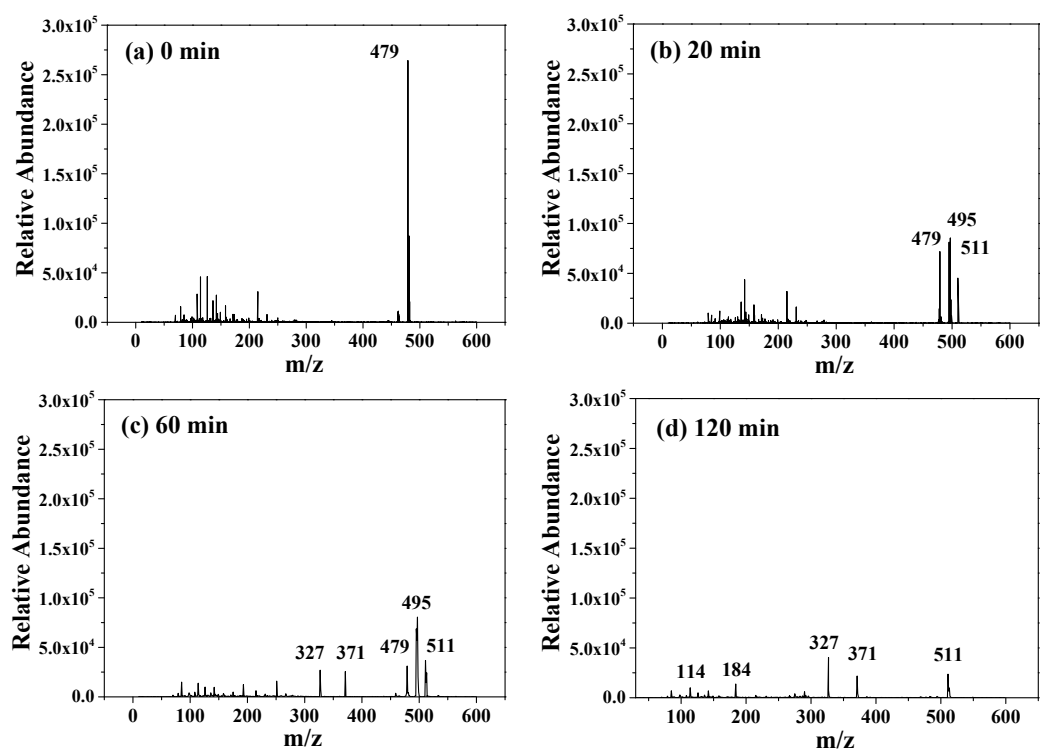


Fig. S3. Mass spectra of CTC over g-C₃N₄ at 0 min (a), 20 min (b), 60 min (c) and 120 min (d).