Facile fabrication of magnetically separable graphitic carbon nitride photocatalysts with enhanced photocatalytic activity under visible light

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Figure S1. N₂ sorption–desorption isotherms of the as-prepared (a) pure g-C₃N₄ and (b-f) Fe₂O₃/g-C₃N₄ composite photocatalysts 1-5 measured at 77K. The inset shows corresponding pore size distribution analysis obtained using the density functional theory (DFT).
Figure S2. Magnetic separation property of the as-prepared Fe$_2$O$_3$/g-$C_3$N$_4$ composite photocatalysts 1-5 under an external magnetic field compared with pure g-$C_3$N$_4$.

Figure S3. TEM images and high-resolution TEM images of the representative Fe$_2$O$_3$/g-$C_3$N$_4$ composite photocatalysts after the reaction.