

Supporting Information

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Fig. S1. The SEM image of TiO₂ nanowires.

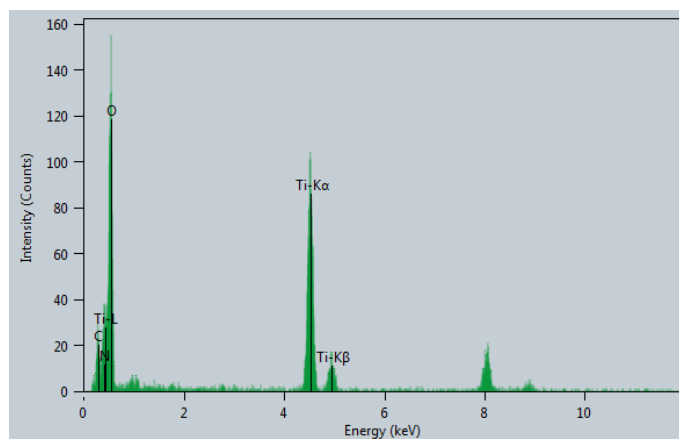


Fig. S2. The EDX image of g-C₃N₄/TiO₂ composite.

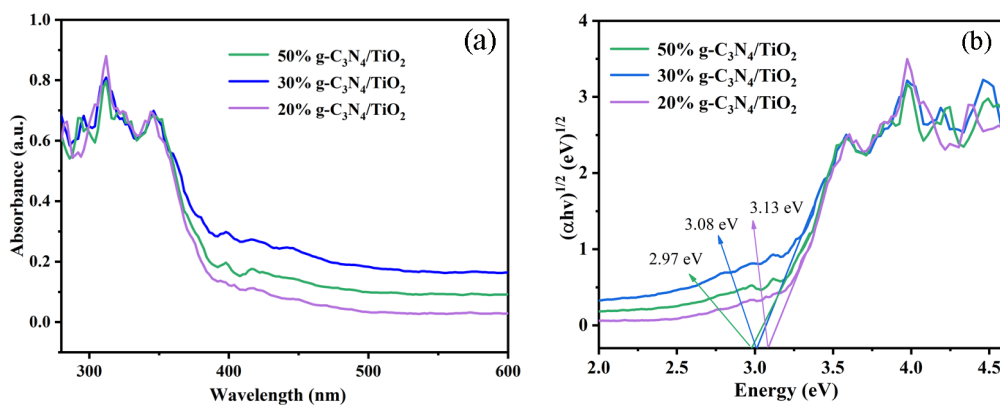


Fig. S3 The UV-vis diffuse reflectance spectra (a) and band gaps (b) of 20%g-C₃N₄/TiO₂,

30%g-C₃N₄/TiO₂ and 50% g-C₃N₄/TiO₂ composite.