

Figure S1 Pictures of the p-TiO₂/FG floating on the top of water

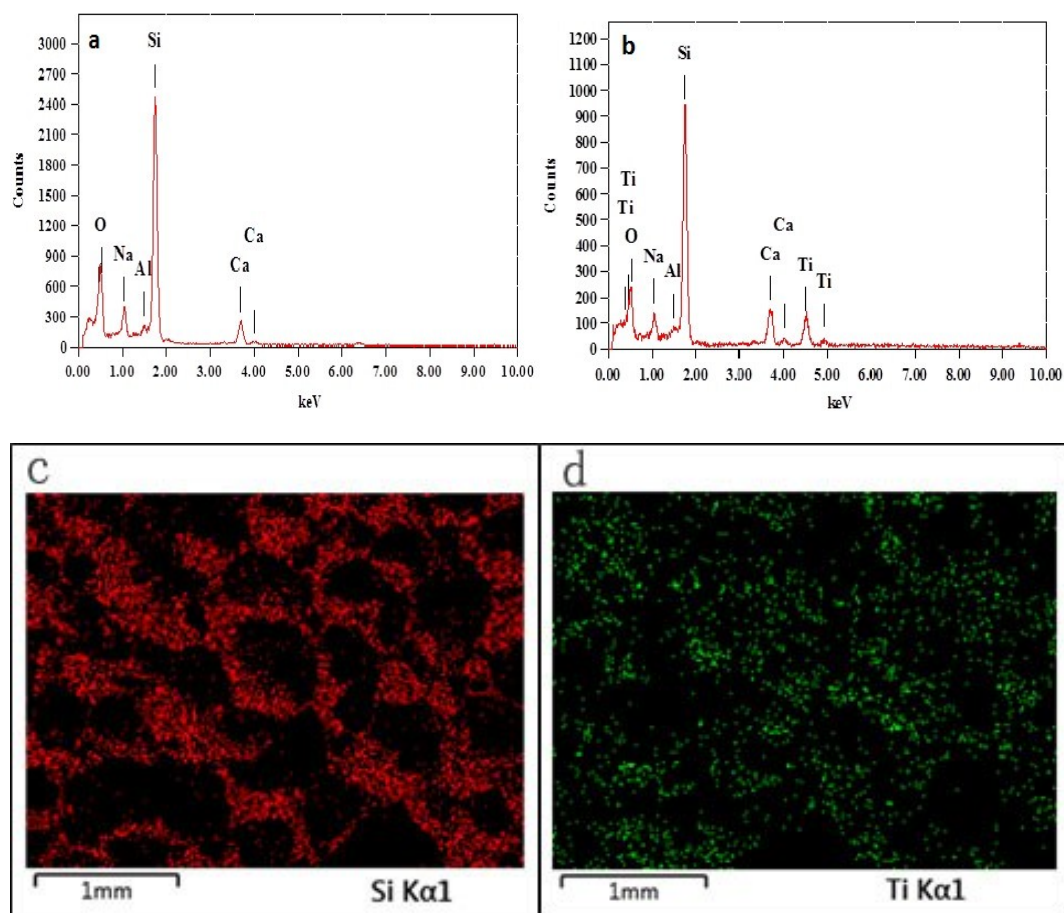


Figure S2 EDX patterns of the (a) FG and (b) p-TiO₂/FG, element mapping of (c) Si and (d) Ti on p-TiO₂/FG.

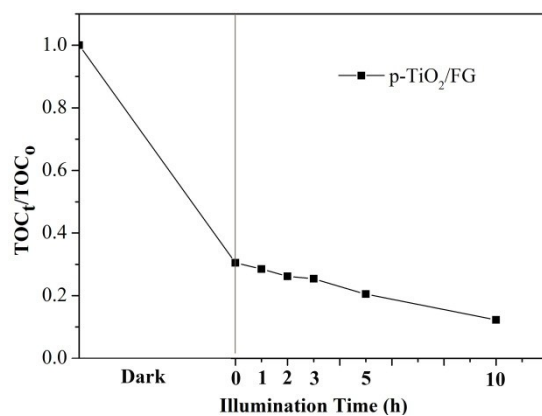


Figure S3 TOC removal efficiency of the MB aqueous solution using p-TiO₂/FG as photocatalyst with UV light illumination

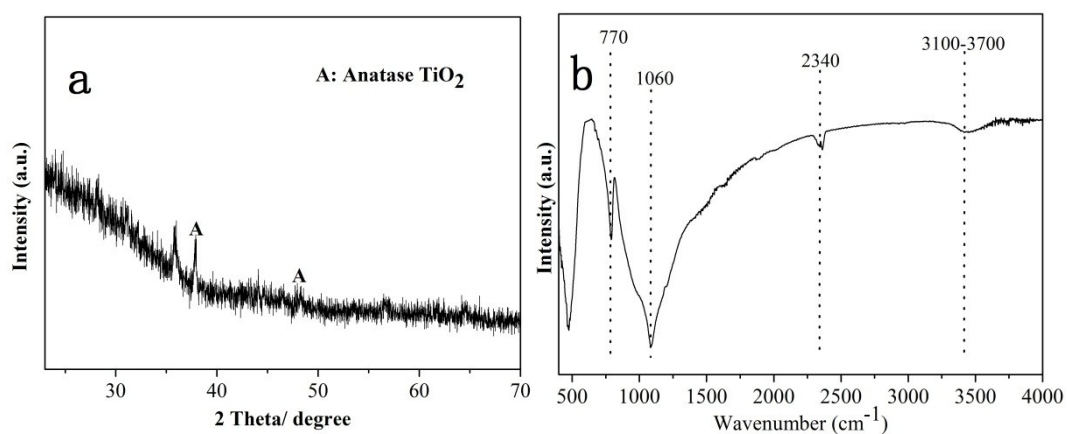


Figure S4 (a) XRD patterns and (b) FTIR spectra of the p-TiO₂/FG photocatalyst after the wastewater treatment process