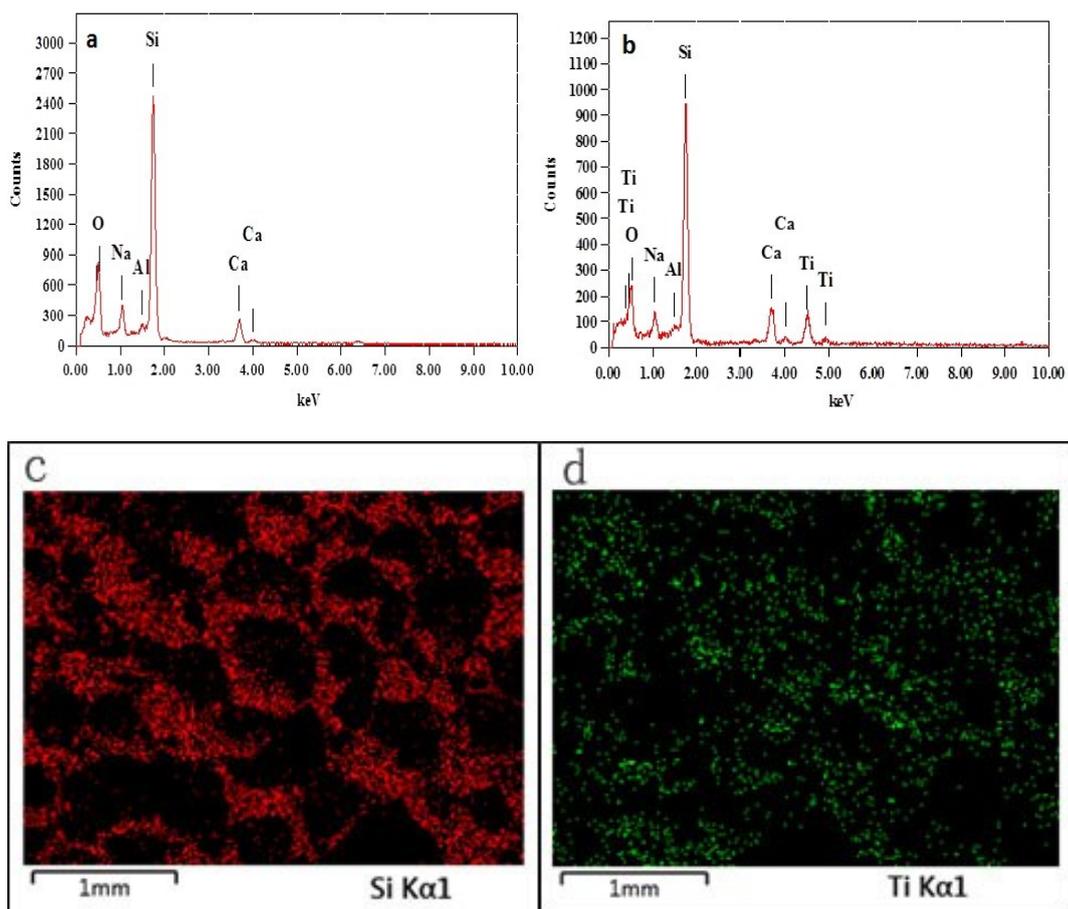


Figure S1 Pictures of the p-TiO<sub>2</sub>/FG floating on the top of water



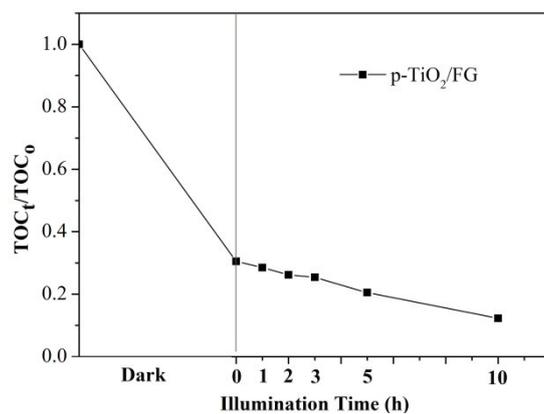


Figure S3 TOC removal efficiency of the MB aqueous solution using p-TiO<sub>2</sub>/FG as photocatalyst with UV light illumination

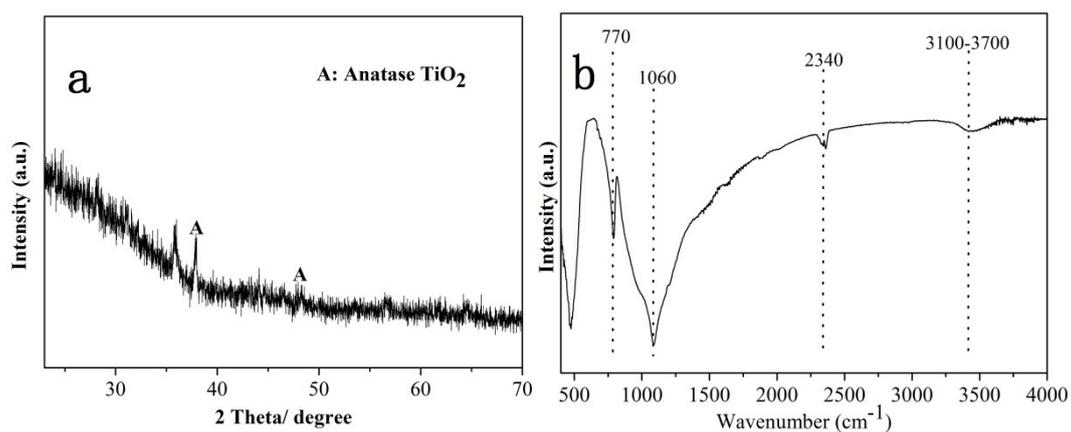


Figure S4 (a) XRD patterns and (b) FTIR spectra of the p-TiO<sub>2</sub>/FG photocatalyst after the wastewater treatment process