Supporting Information



Figure S1 IR spectra for the as-prepared hybrid br-TiO₂/g-C₃N₄, and the components br-TiO₂ and g-C₃N₄.



Figure S2 XPS survey scan of the as-prepared hybrid br-TiO₂/g-C₃N₄ composites and pure br-TiO₂.



Figure S3 Reaction kinetics histogram of the as-prepared hybrid br-TiO₂/g-C₃N₄ with different contents of g-C₃N₄.



Figure S4 Catalytic activity comparisons of hybrid br- TiO_2/g - C_3N_4 -35% composite with other samples on MO degradation.



Figure S5 Catalytic activity of br-TiO₂, g-C₃N₄ and hybrid br-TiO₂/g-C₃N₄-35% on MO degradation under UV-light irradiation.



Figure S6 EIS data of the hybrid br-TiO₂/g-C₃N₄-35% and g-C₃N₄.