

Supporting data

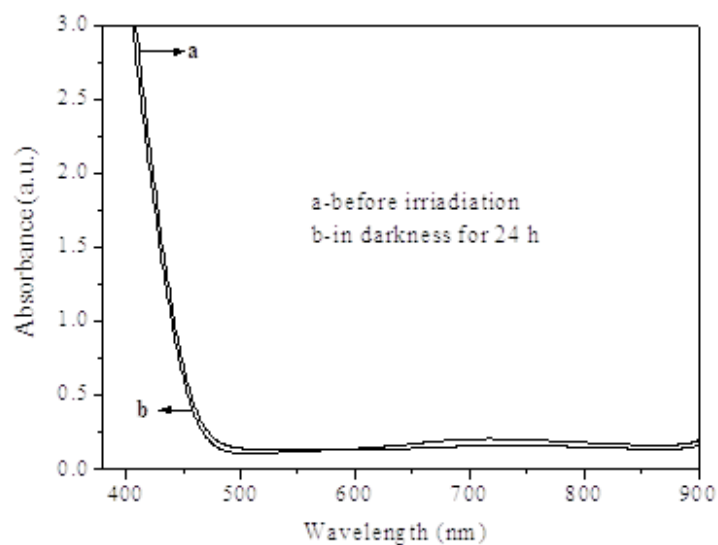


Figure S1. UV-vis spectra of the alcoholic solution which contains $0.1 \text{ mg}\cdot\text{mL}^{-1}$ GO, $20 \text{ mg}\cdot\text{mL}^{-1}$ PMoA and $0.05 \text{ mL}\cdot\text{mL}^{-1}$ isopropanol before UV-irradiation (a), in darkness for 24 hours (b).

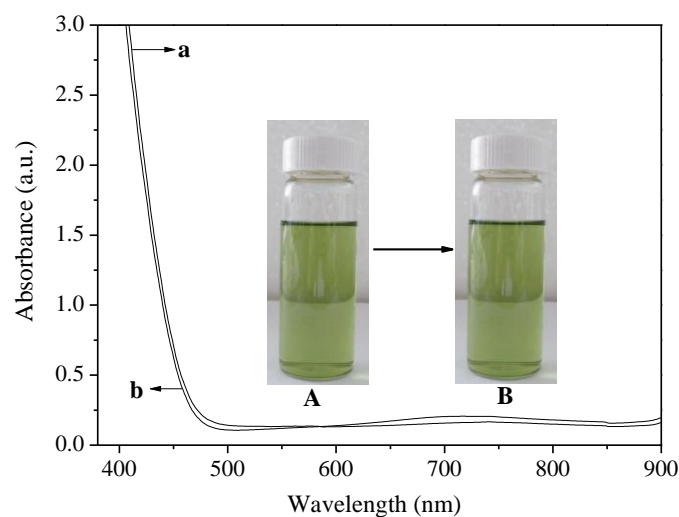


Figure S2. UV-vis spectra of the alcoholic solution which contains $0.1 \text{ mg}\cdot\text{mL}^{-1}$ GO and $20 \text{ mg}\cdot\text{mL}^{-1}$ PMoA before UV-irradiation (a), immediately after UV-irradiation for 60 min (b). Inset: color change of solution, A: before UV-irradiation, and B: after 60 min UV-irradiation.

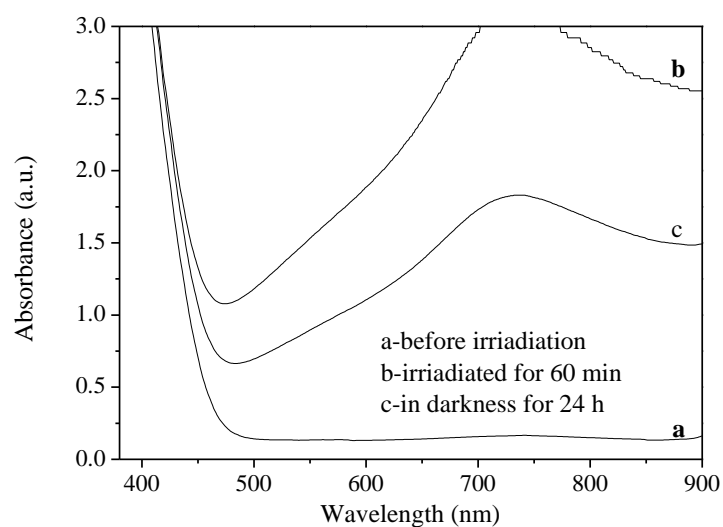


Figure S3. UV-vis spectra of the alcoholic solution which contains $20 \text{ mg}\cdot\text{mL}^{-1}$ PMoA and $0.05 \text{ mL}\cdot\text{mL}^{-1}$ isopropanol before UV-irradiation (a), immediately after UV-irradiation for 60 min (b), and after 24 hours in darkness (c).

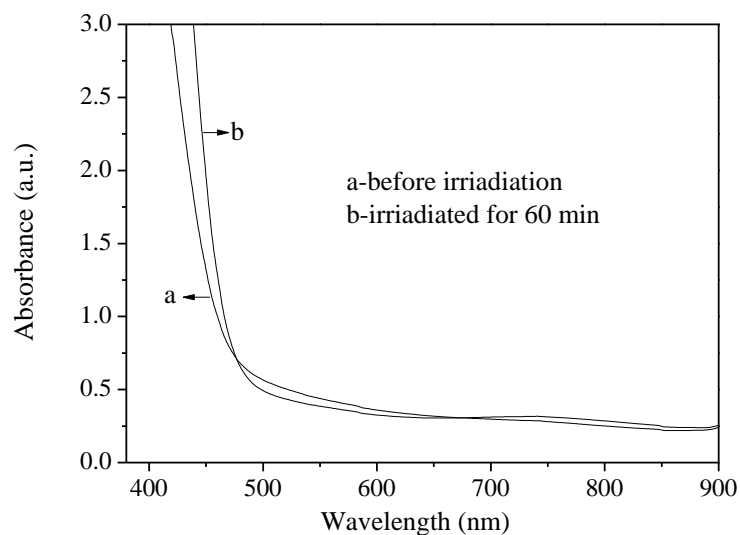


Figure S4. UV-vis spectra of the alcoholic solution which contains $0.1 \text{ mg}\cdot\text{mL}^{-1}$ GO and $0.05 \text{ mL}\cdot\text{mL}^{-1}$ isopropanol before UV-irradiation (a), immediately after UV-irradiation for 60 min (b).