

Supplementary Information

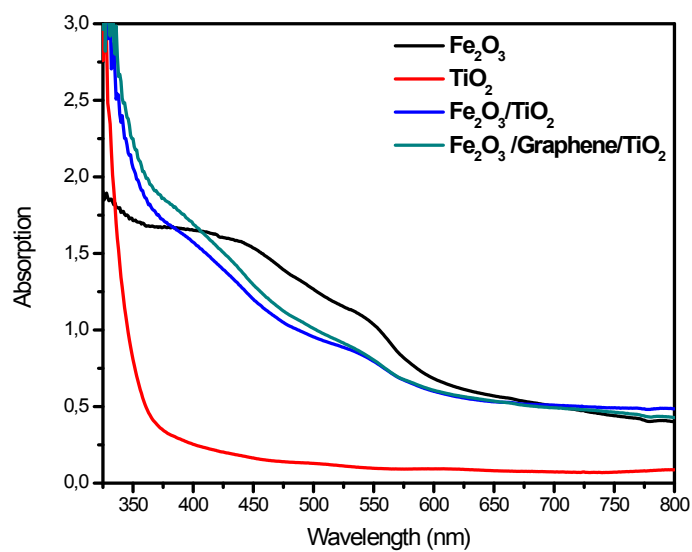


Figure S1 UV-Vis absorption spectra of $\alpha\text{-Fe}_2\text{O}_3$, TiO_2 , $\alpha\text{-Fe}_2\text{O}_3/\text{TiO}_2$ and $\alpha\text{-Fe}_2\text{O}_3/\text{Graphene}/\text{TiO}_2$ photoanodes