

Supporting information

Modification of thin layer of $\alpha\text{-Fe}_2\text{O}_3$ onto largely voided TiO_2 nanorod array as photoanode to significantly improve photoelectrochemical performance toward water oxidation

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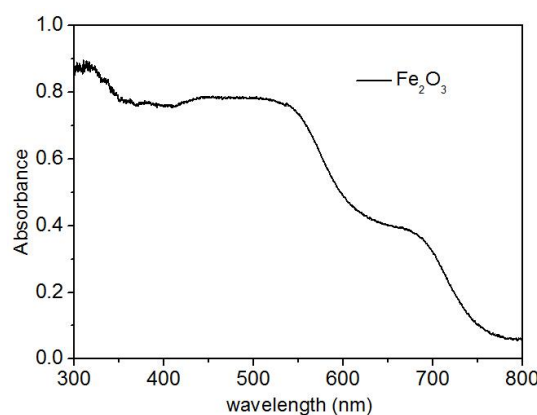


Fig. S1 UV-vis diffuse reflectance spectra of Fe_2O_3 film.

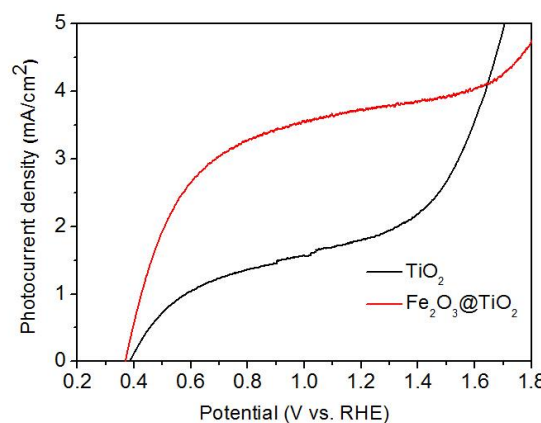


Fig. S2 LSV curves of TiO_2 and $\text{Fe}_2\text{O}_3/\text{TiO}_2$ photoanodes in NaOH solution with H_2O_2 additive.