

Supporting information:

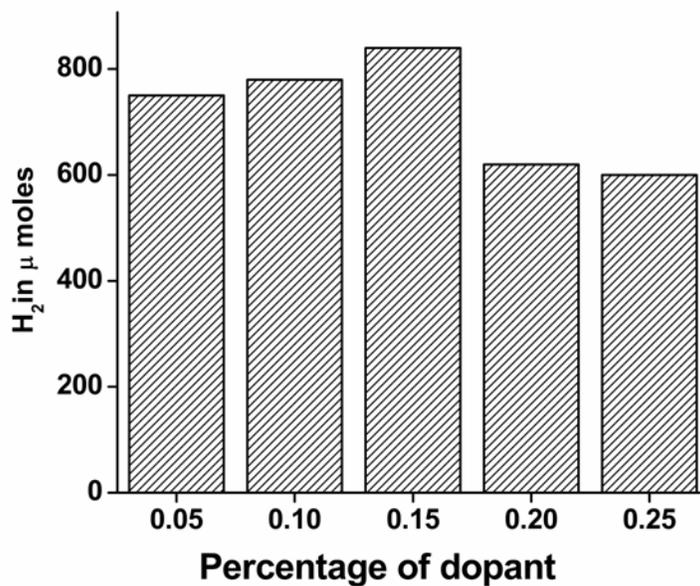


Figure 1 of SI. Hydrogen evolution from different Fe dopant concentration

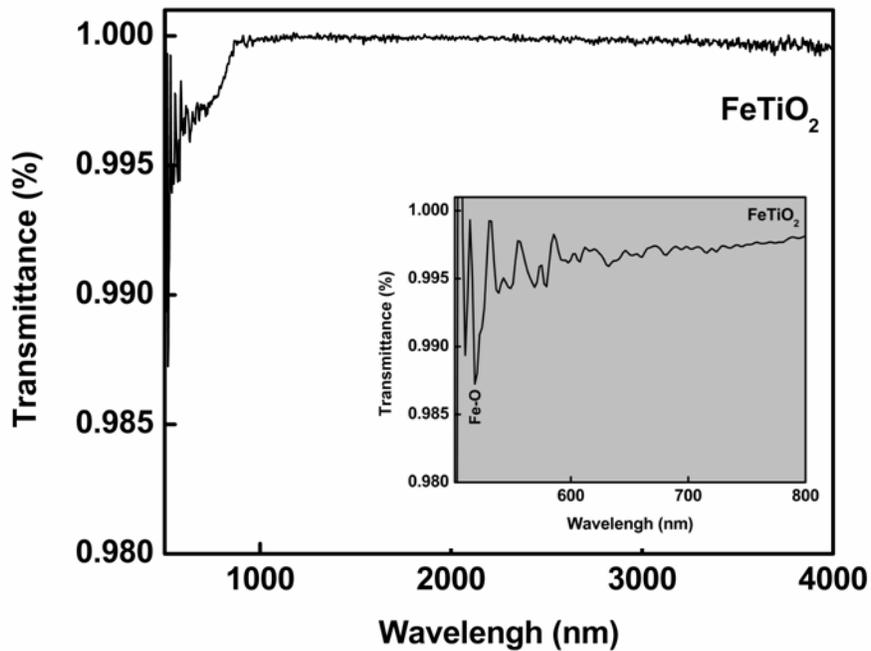


Figure 2 of SI. ATR-IR graph of FeTiO₂, which shows Fe-O stretching vibration band.

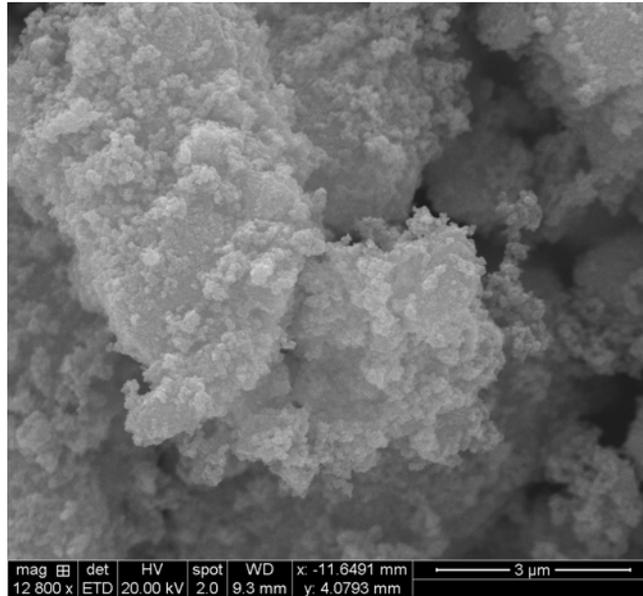


Figure 3a of SI. Scanning electron micrograph of TiO_2

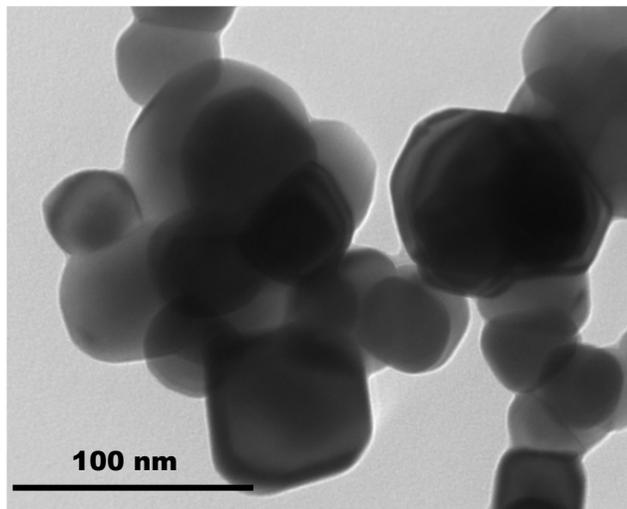


Figure 3b of SI. Transmission electron micrograph of TiO_2

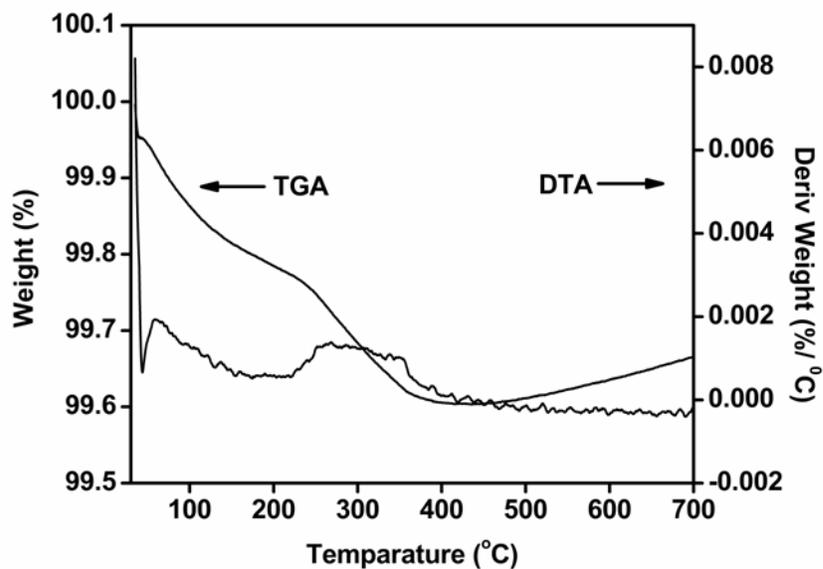


Figure 4 of SI. TGA and DTA curves of synthesized FeTiO₂ photocatalyst

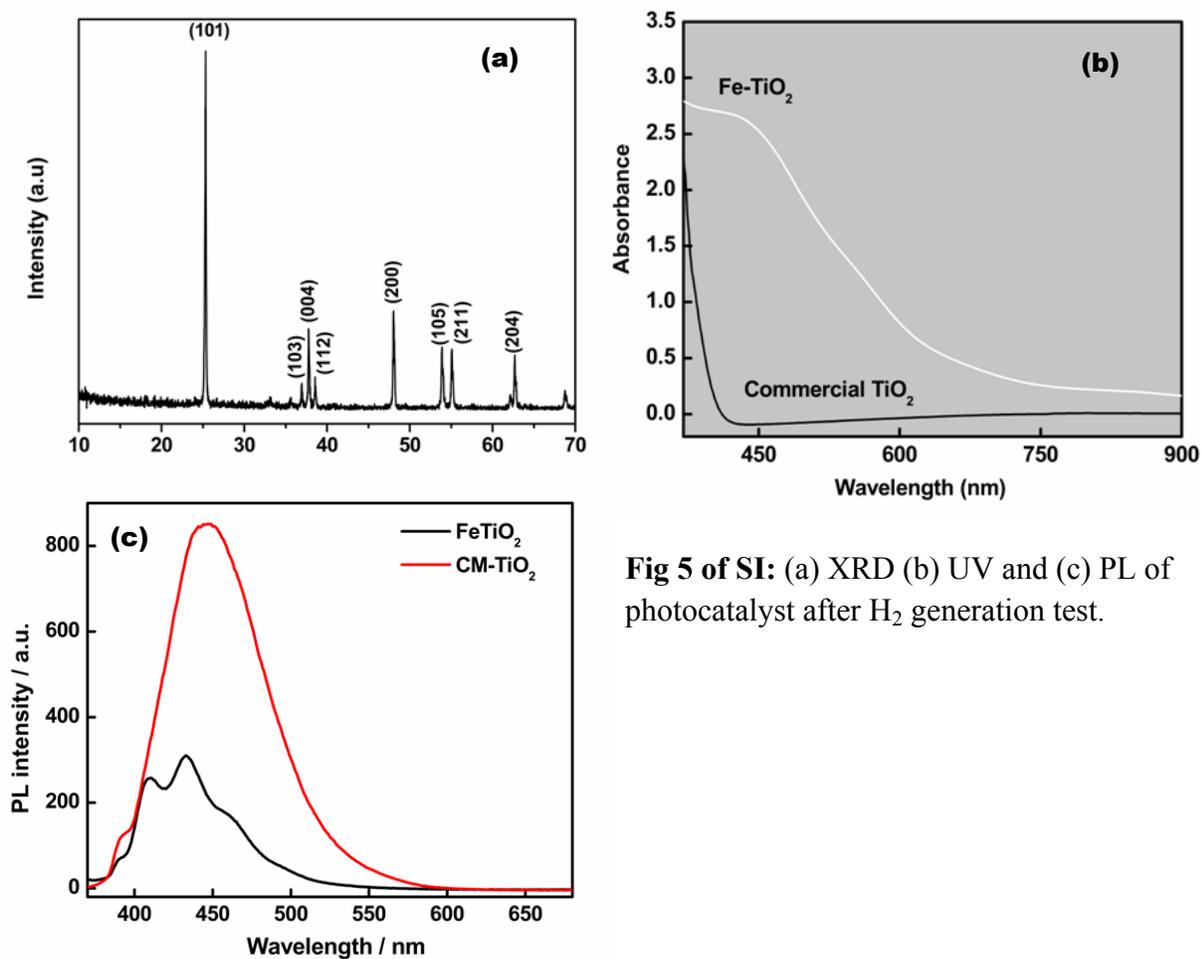


Fig 5 of SI: (a) XRD (b) UV and (c) PL of photocatalyst after H₂ generation test.