Recyclable Magnetic Titania Nanocomposite from Ilmenite with Enhanced Photocatalytic Activity

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Figure S1. EDX pattern of Fe₃O₄/TiO₂ nanocomposite.





Figure S2. The wide spectrum (a), Ti 2p (b), Fe 2p (c) and O1s (d) XPS spectra of Fe_3O_4/TiO_2 nanocomposite.



Figure S3. The irradiance spectra of 250-W xenon arc lamp with a UV cutoff filter (λ >420 nm) (a) and with an AM 1.5G filter (b).



Figure S4. PL spectra for P25, FT1, FT2, FT3, FT4 and FT5.