

Supplementary Materials

# Mixed-Phase $\text{Fe}_2\text{O}_3$ Derived from Natural Hematite Ores/ $\text{C}_3\text{N}_4$ Z-Scheme Photocatalyst for Ofloxacin Removal

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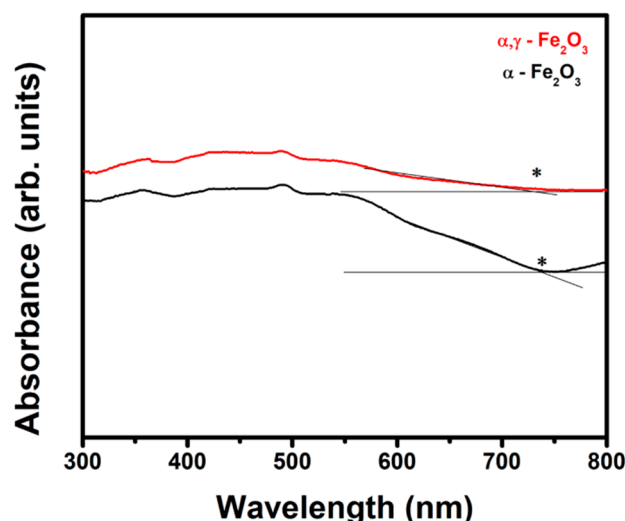


Figure S1. UV-Visible absorption spectra of  $\alpha\text{-Fe}_2\text{O}_3$  and mixed-phase  $\text{Fe}_2\text{O}_3$ .

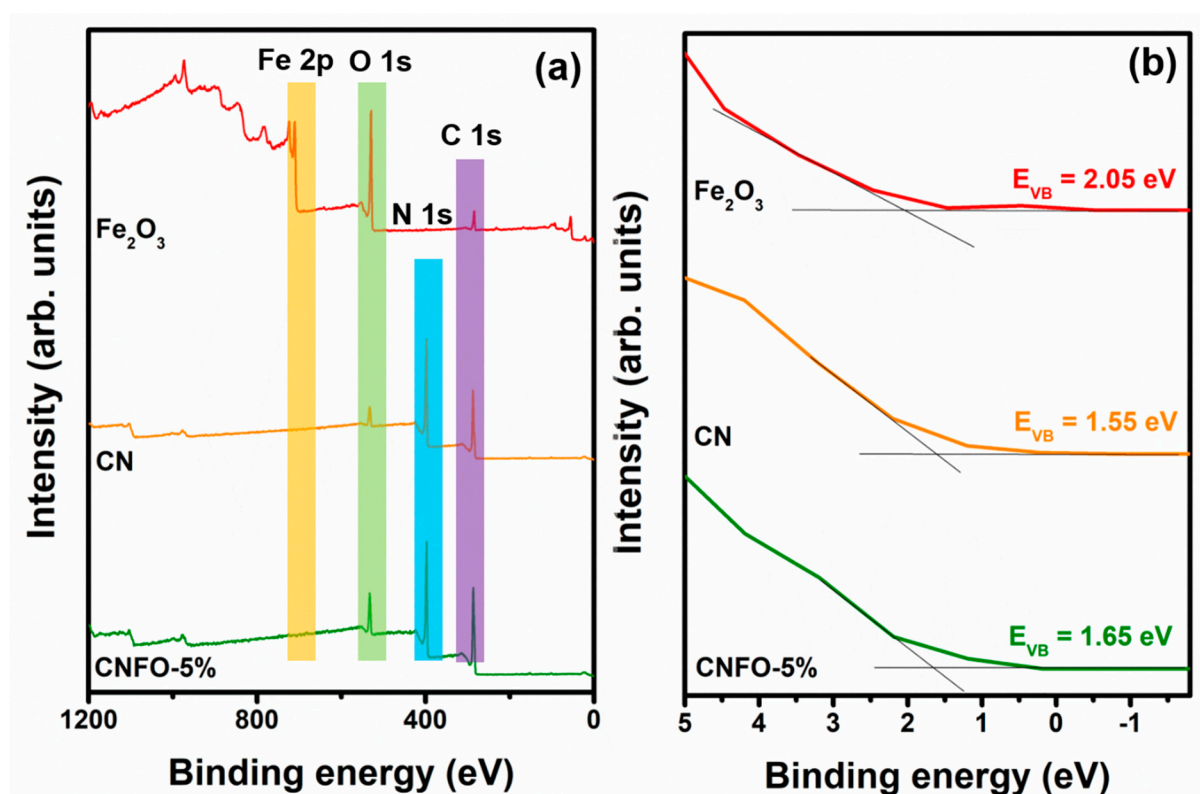


Figure S2. (a) XPS survey spectrum and (b) calculated band edge positions from XPS spectra.

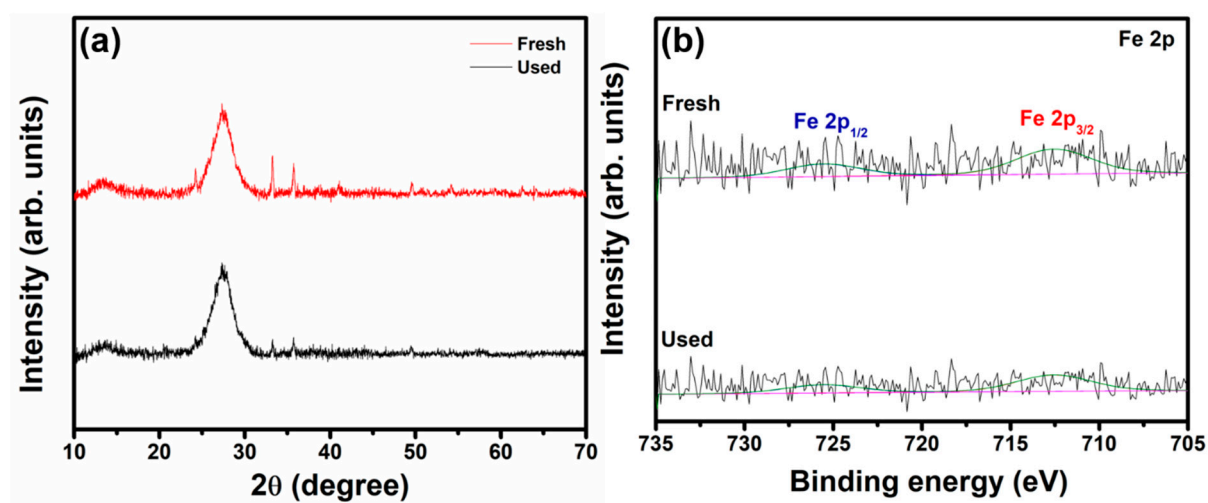


Figure S3. (a) XRD and (b) XPS spectra of the CNFO-5% catalyst after the photodegradation experiments.