Supplementary Information

TiO_2 Fibers Supported β-FeOOH Nanostructures as Efficient Visible Light Photocatalyst and Room Temperature Sensor

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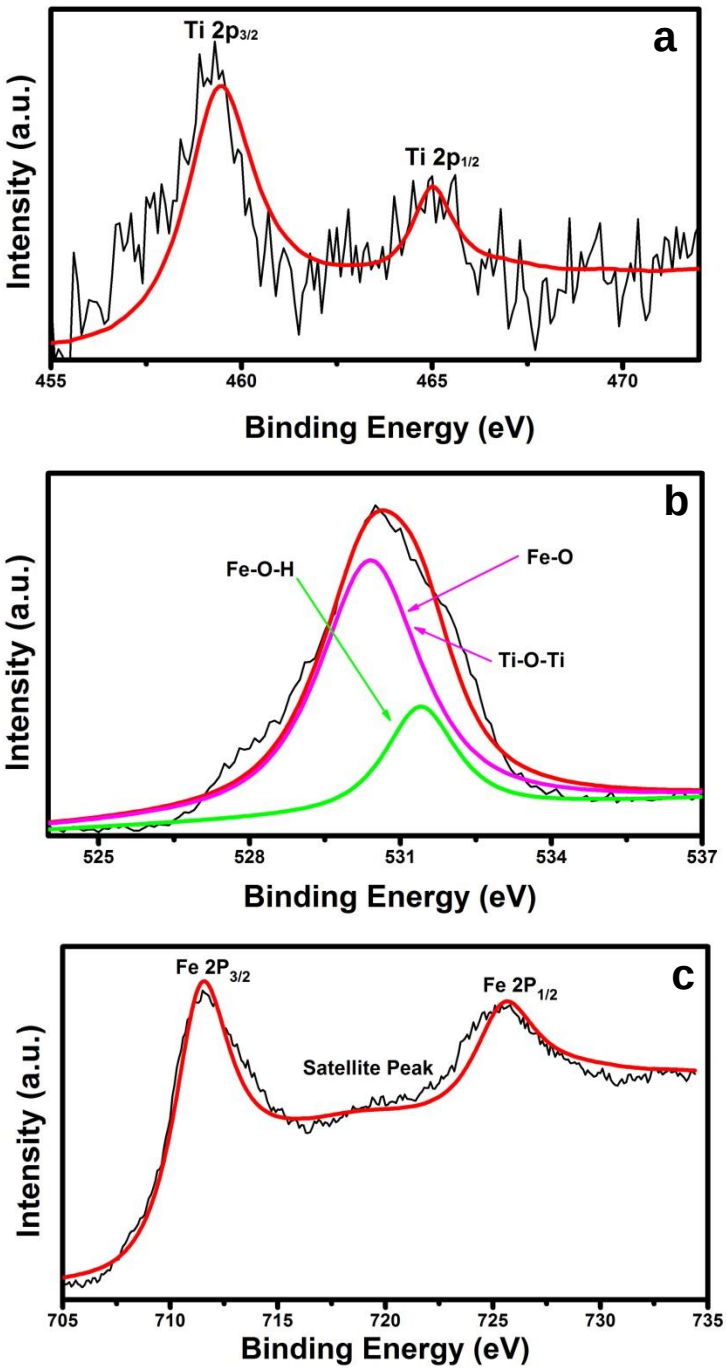

Figure S1 | XPS results of the typical TF-F sample after UV-vis photocatalysis.

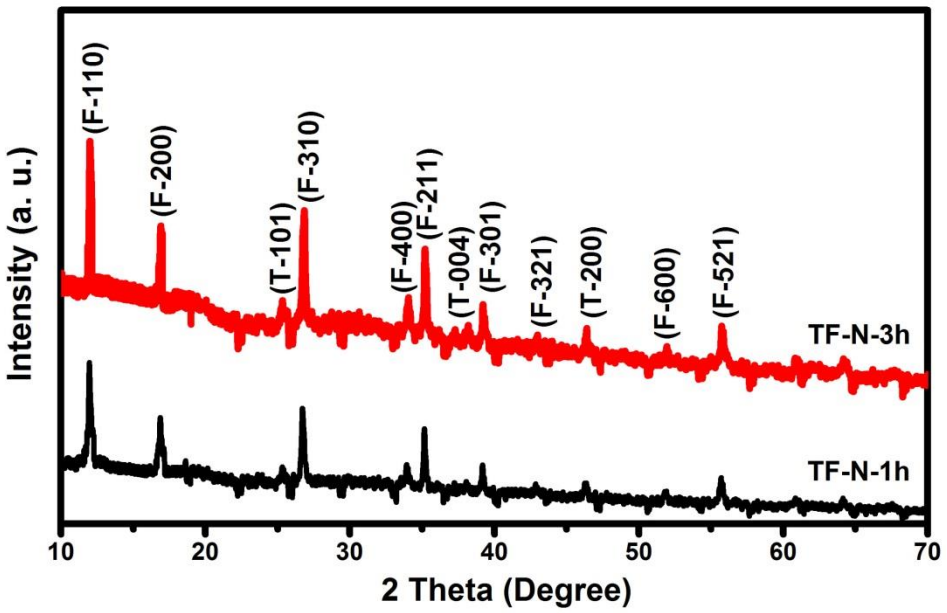

Figure S2 | XRD patterns of the TF-N samples irradiated under UV-vis after 1 and 3 h.

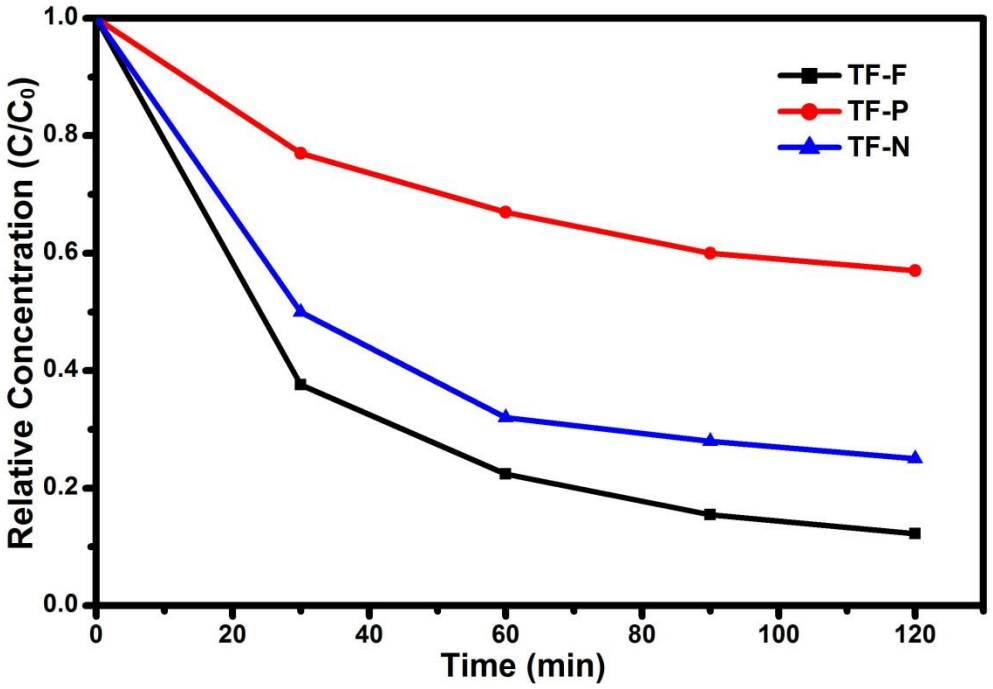

Figure S3 | Degradation kinetics of the TF samples under UV-vis irradiation without addition of H_2O_2.

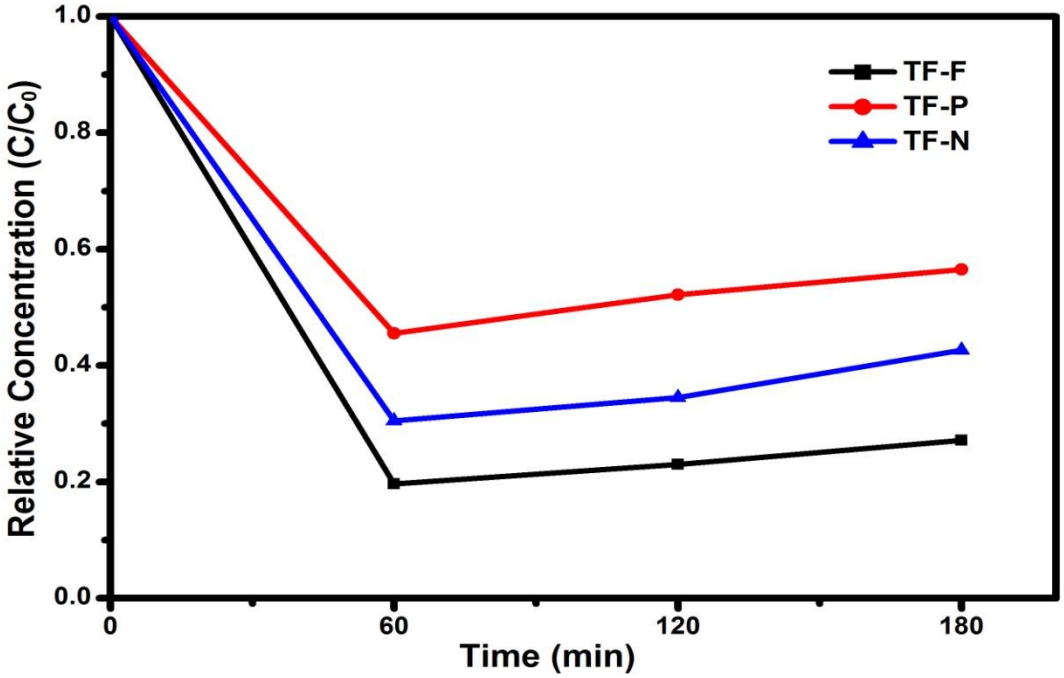

Figure S4 | Adsorption property of the TF samples without light irradiation.