Controllable Synthesis and Morphology–Dependent Photocatalytic Performance of Anatase TiO$_2$ Nanoplates

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Figure S1. TEM images of the TiO$_2$ sample at the ratio of HAc/DMF 1:2 at 180 °C for different reaction times (a) 3 h (b) 4.5h (c) 6h (d) 12h (e) 24h (f) 48h.
Figure S2. TEM images of the TiO$_2$ sample at different ratio of HAc/DMF (a) 2:1 (b) 3:1.
Figure S3. IR spectra of TiO$_2$ samples with only HAc added for 24 h.