

ADVANCED MATERIALS

Supporting Information

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Direct Growth of TiO₂ Nanosheet Arrays on Carbon Fibers for
Highly Efficient Photocatalytic Degradation of MethylOrange

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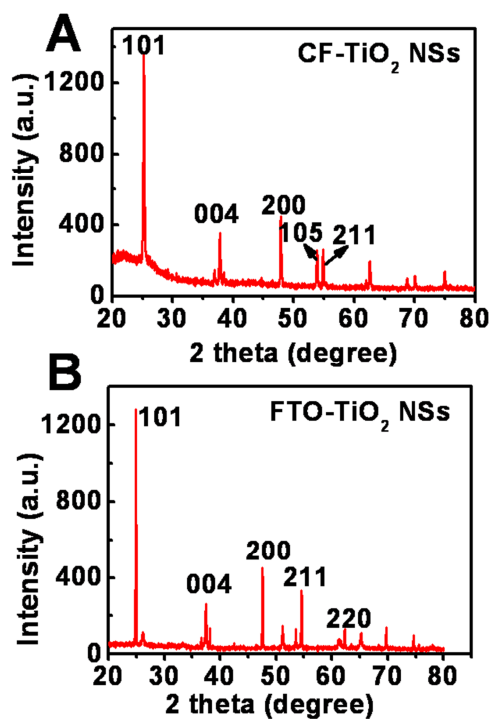


Figure S1. XRD patterns of the TiO₂ nanosheet (NS) arrays A) grown on carbon fibers substrate and B) on FTO glass substrate.

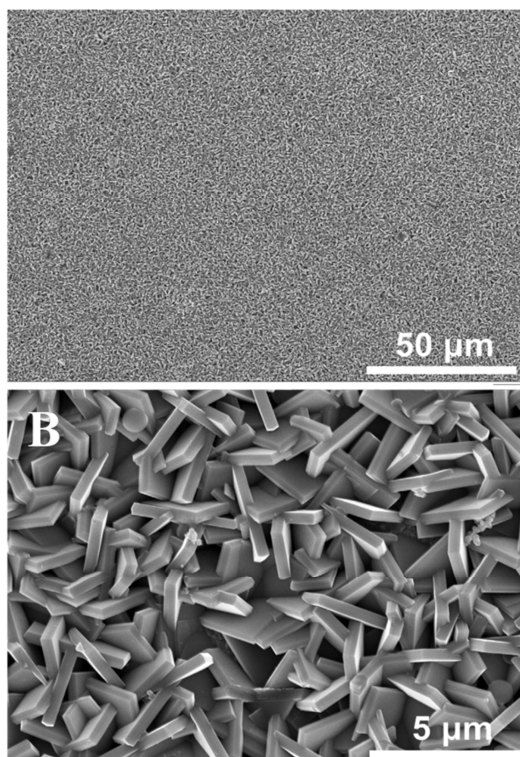


Figure S2. SEM images of obtained TiO₂ NSs on FTO glass substrate after 5h hydrothermal treatment in HCl /F⁻ solution; A) low and B) high magnification.

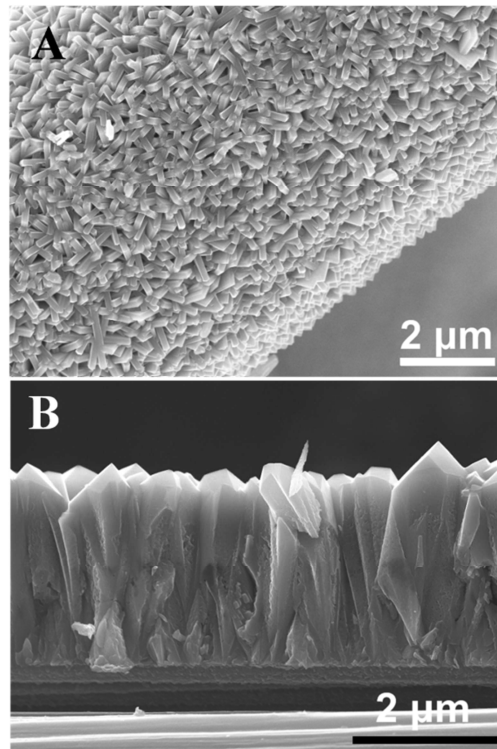


Figure S3. SEM images of obtained TiO₂ NSs grown on CF substrate synthesized by hydrothermal treatment at 180°C for 5h in the 0.175 M HF contained growth solution; A) top and B) cross-sectional view.