Supporting Information

Hierarchical nanostructure of WO_3 nanorods on TiO_2 nanofibers and its high visible light photocatalytic activity for degradation of organic pollutants

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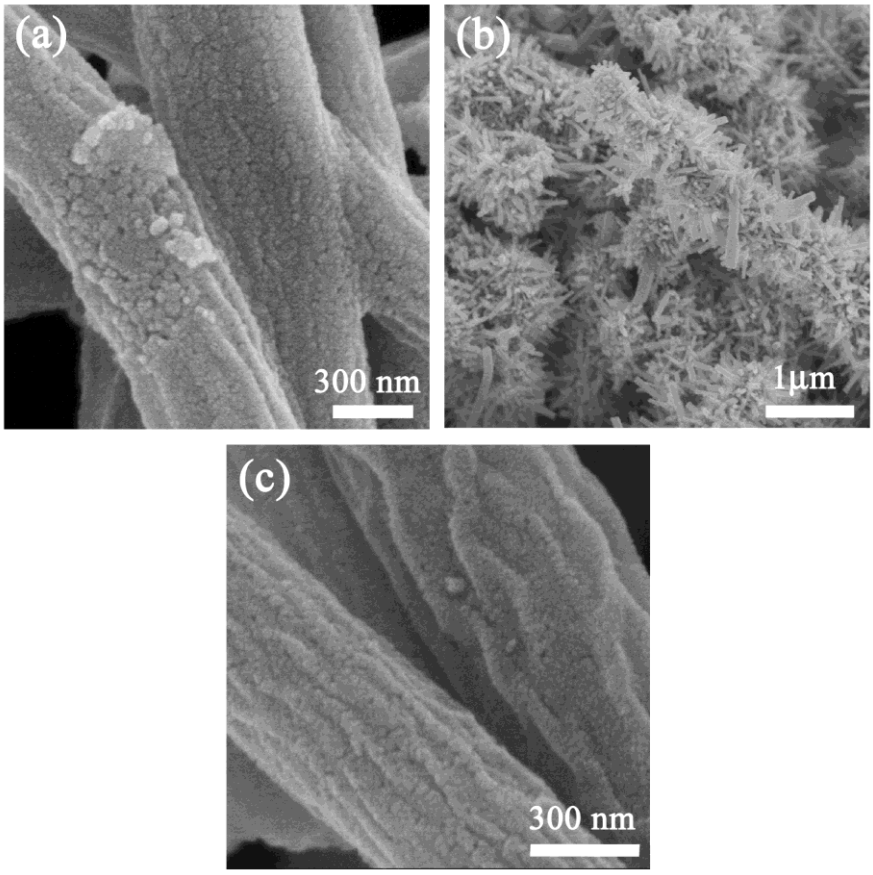

Fig. S1 SEM images of the TiO_2 nanofibers treated in the autoclave for 6 h at 180 °C (a), 18 h at 180 °C (b) and 12 h at 150 °C (c).

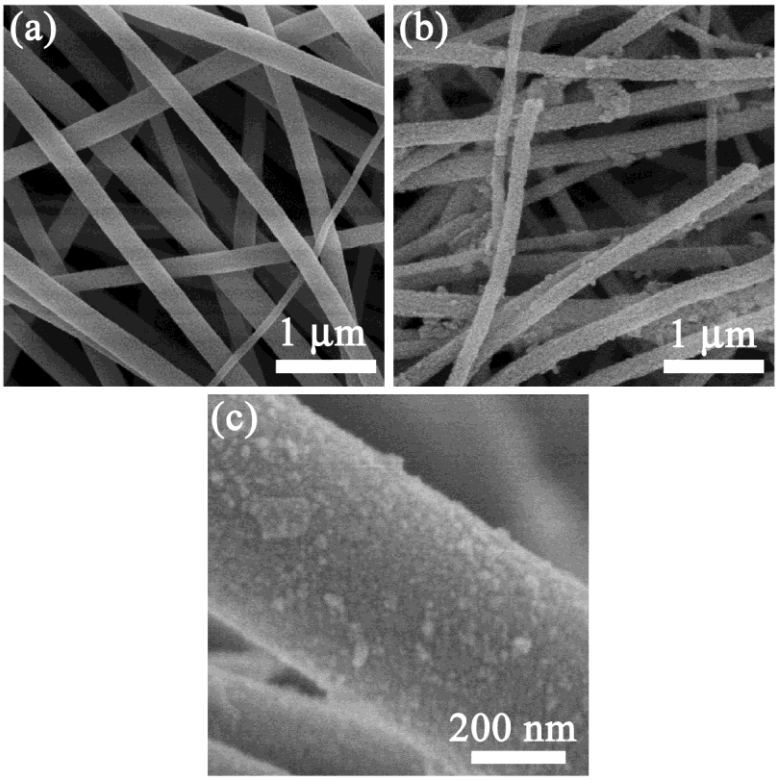

Fig. S2 SEM images of the bare TiO_2 nanofibers (a), the TiO_2 nanofibers with WO_3 seed layer deposited onto them (b), and the high magnification of b (c).

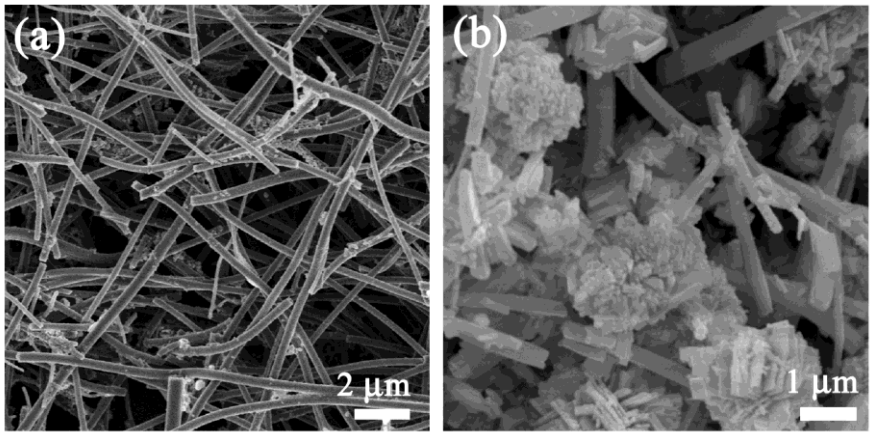

Fig. S3 SEM images of the TiO_2 nanofibers treated in the autoclave under different conditions: (a) with WO_3 seed layer on the TiO_2 nanofibers and without HMT in the autoclave for 12 h at 180 °C, and (b) with HMT in the autoclave and without the WO_3 seed layer on the TiO_2 nanofibers for 12 h at 180 °C.