

**Electronic Supplementary Information**

**Hierarchically Porous TiO<sub>2</sub>/SiO<sub>2</sub> Fibers with Enhanced Photocatalytic  
Activity**

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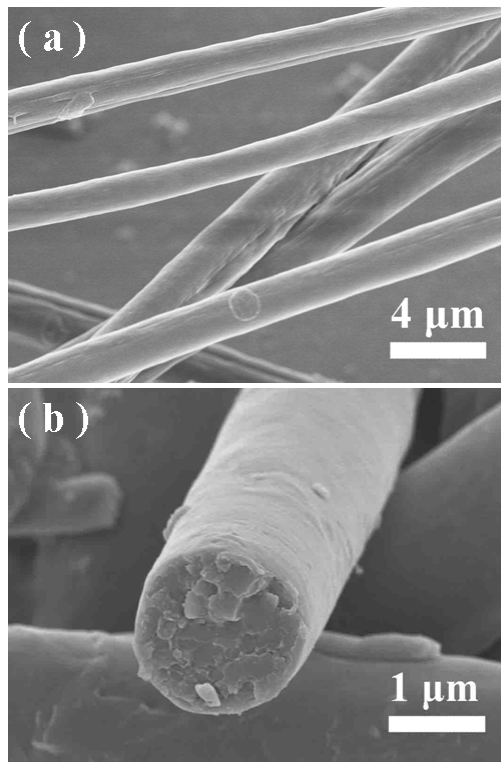
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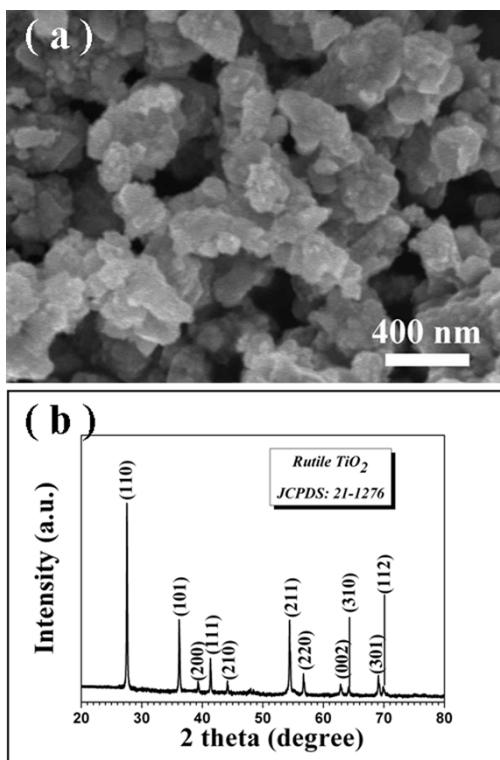
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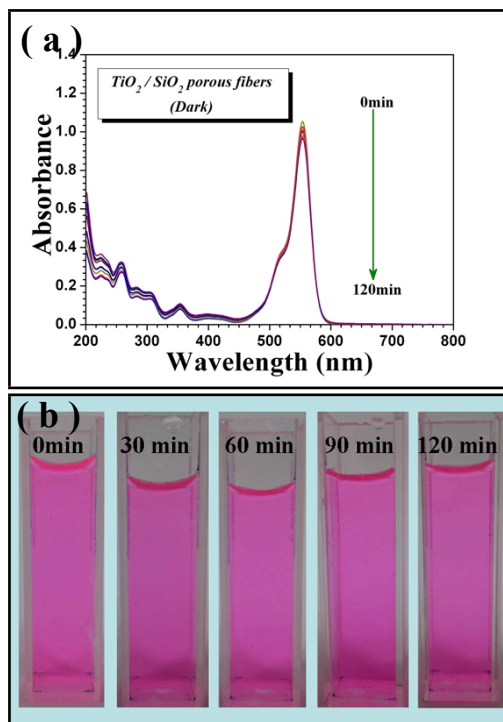
**Fax:** +86-574-87081221



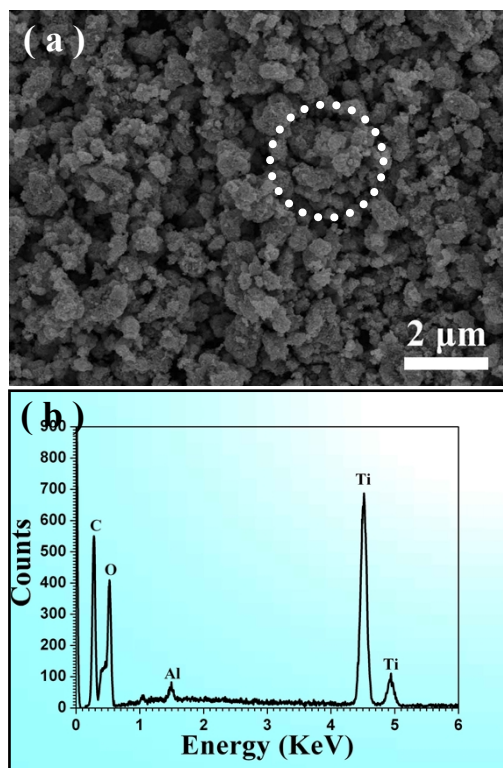
**Fig. S1** Representative SEM images of the electrospun PSN/PVP/TBOT polymer precursor fibers under different magnifications.



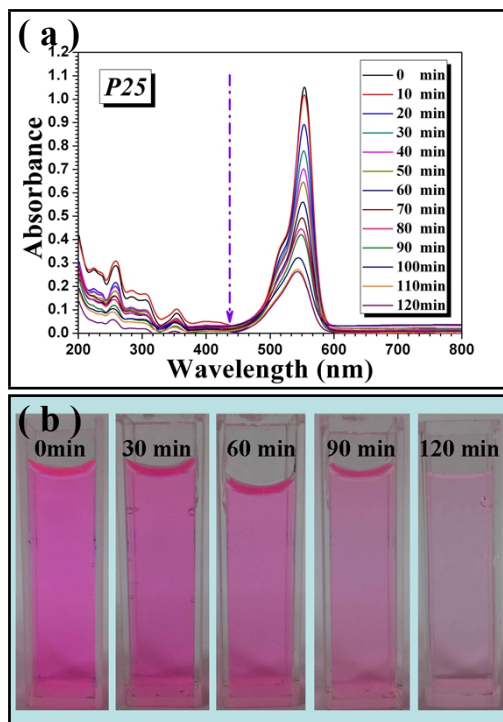
**Fig. S2** (a) A representative SEM images of the TiO<sub>2</sub> nanoparticles prepared via sol-gel method. (b) A typical XRD pattern of the TiO<sub>2</sub> nanoparticles.



**Fig. S3** (a) Temporal UV-visible adsorption spectra of RhB solution over  $\text{TiO}_2/\text{SiO}_2$  porous fibers in dark. (b) The corresponding digital pictures of the color changes in dark.



**Fig. S4** (a) A representative SEM image of P25. (b) The corresponding EDS spectrum recorded from the marked area in (a).



**Fig. S5** (a) Temporal UV-visible adsorption spectra of the RhB solution with the irradiation time over P25. (b) The corresponding digital pictures of the color changes with the irradiation time of P25.