Hierarchically Porous TiO₂/SiO₂ Fibers with Enhanced Photocatalytic Activity

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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$_2$ nanoparticles prepared via sol-gel method. (b) A typical XRD pattern of the TiO$_2$ nanoparticles.
Fig. S3 (a) Temporal UV-visible adsorption spectra of RhB solution over TiO$_2$/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.