Controllable synthesis of Ag@TiO$_2$ heterostructure with enhanced photocatalytic activities under UV and Visible excitation

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Fig. S1: TEM images of pure TiO$_2$ fibers. A: the low magnification TEM image of TiO$_2$ fibers and B: the single fiber of TEM image

Fig. S2: The EDS spectra of pure TiO$_2$ fibers and Ag/TiO$_2$ (B, C and B were corresponding to the concentrations of 1 Mm, 0.01 M and 0.05 M Ag$^+$)

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