Significant enhancement of photocatalytic activity of rutile TiO$_2$ compared with anatase TiO$_2$ upon Pt nanoparticle deposition studied by far-ultraviolet spectroscopy

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Fig. S1 A typical SEM image of TiO$_2$-Pt nanoparticles.

Fig. S2 Absorption spectra of aqueous methylene blue before (black) and after (color) UV light irradiation with (a–f) anatase or (g–l) rutile TiO$_2$. TiO$_2$ particle size and state (i.e., whether they were with or without Pt nanoparticles) are described in each graph.