Supplementary Material

Titania nanofibers as a photo-antenna for dye-sensitized solar hydrogen

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Fig. S1. Effects of the adsorbed amount of Eosin Y on the H₂ production on TNF/Pt and TNP/Pt. Eosin Y that was adsorbed on TiO₂ at various pH values indicated in the legend Recovered TiO₂ adsorbed Eosin Y from filtrates during the experiment of Fig. 2a was used as photocatalysts. The experimental conditions were as follows: [Eosin Y] = 1 mM, [TEOA] = 0.7 M. [H₂PtCl₆1= 26 μ M, λ > 420 nm, pH 7, and initially N₂ saturated.



Fig.e S2. SEM image of TiO₂ nanoparticles. Copied from Ref 20 for comparison.