Single Walled Carbon Nanotubes (SWNTs) as Templates for the Growth of TiO$_2$: The Effect of Silicon in Coverage and the Positive and Negative Synergies for the Photocatalytic Degradation of Congo Red Dye

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**Fig. S1.** TEM image of TiO$_2$-SWNT-PP-21 (scale bar = 200 nm).
**Fig. S2.** TEM image of TiO$_2$-SWNT-glass-21 (scale bar = 100 nm).