

Kinetics of Photocatalytic reduction of NO by CO

with Pd²⁺ ion substituted nano-TiO₂

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Supporting information

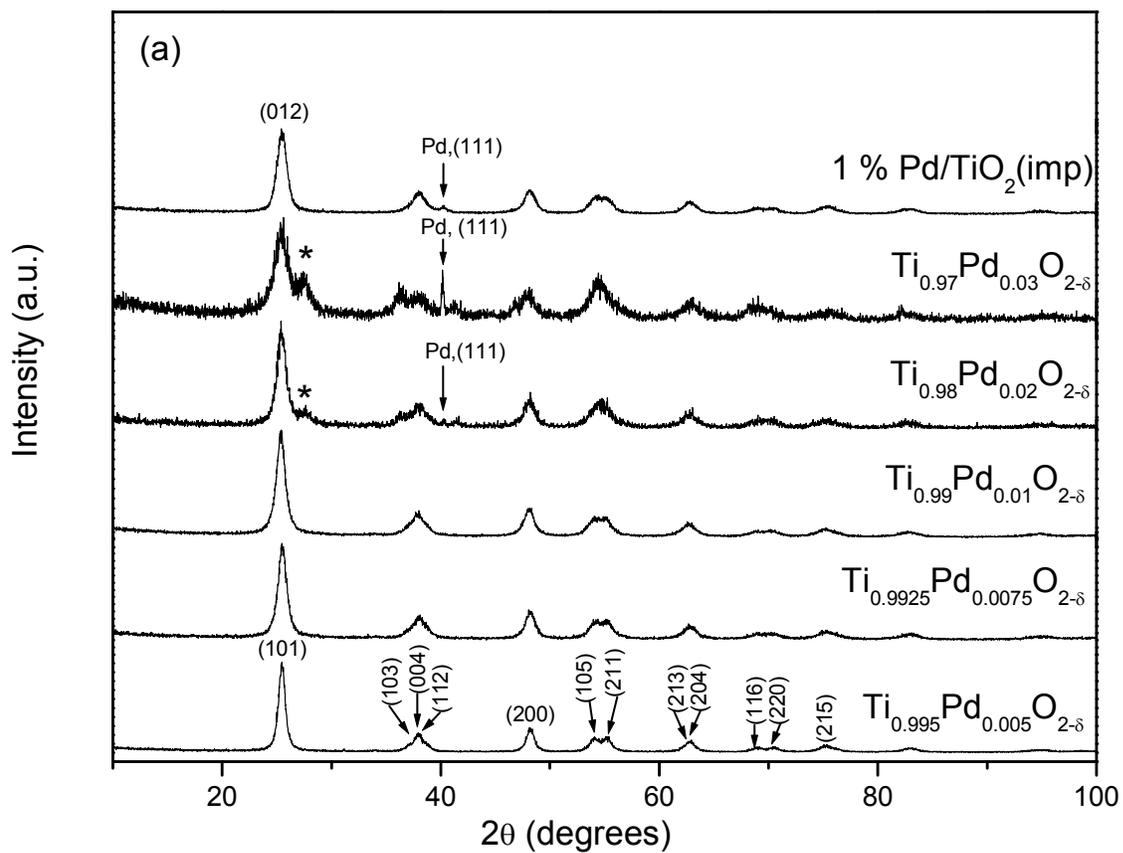


Figure S1: XRD patterns of Ti_{1-x}Pd_xO_{2-δ} (x = 0.005, 0.0075, 0.01, 0.02, 0.03) and 1% Pd/TiO₂(imp). The * denotes the rutile phase.

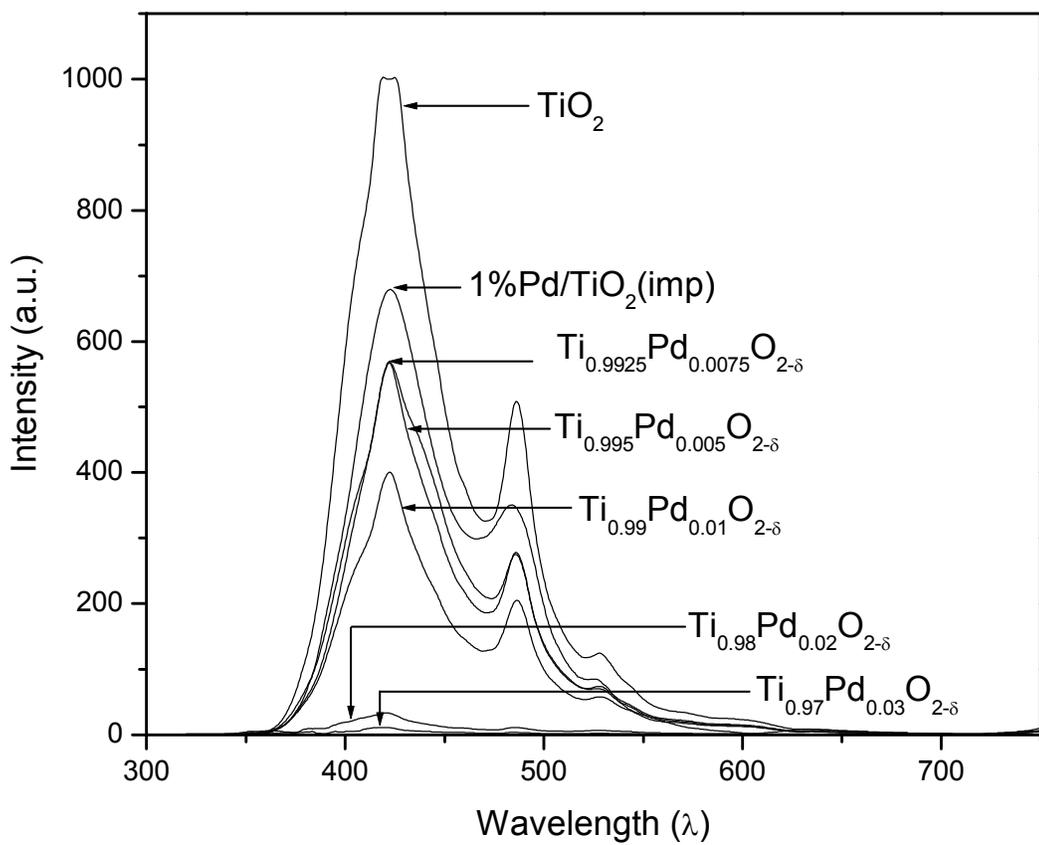


Figure S2: Photoluminescence spectra of TiO_2 , $\text{Ti}_{1-x}\text{Pd}_x\text{O}_{2-\delta}$ ($x = 0.005, 0.0075, 0.01, 0.02, 0.03$).