

SUPPORTING INFORMATION

Pt Doping Triggers Growth of TiO₂ Nanorods. Nanocomposite Synthesis and Gas-Sensing Properties

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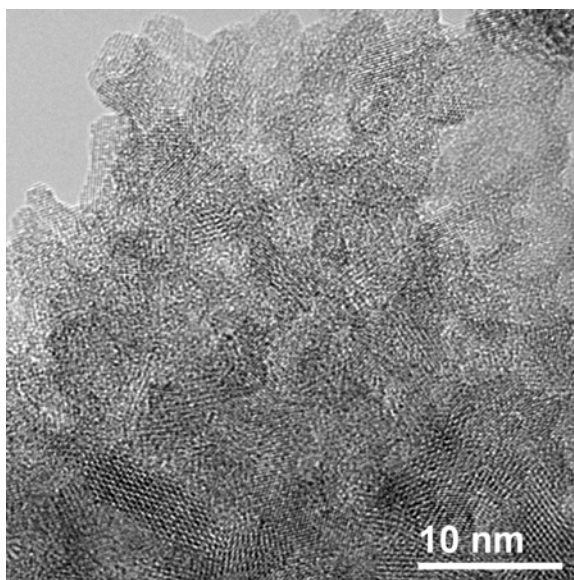
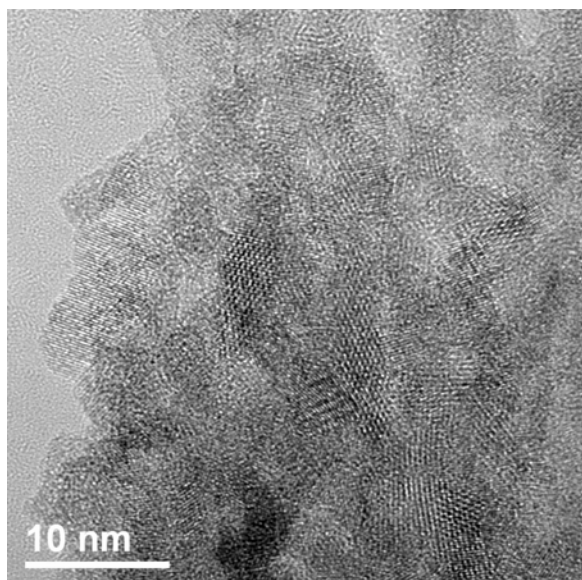
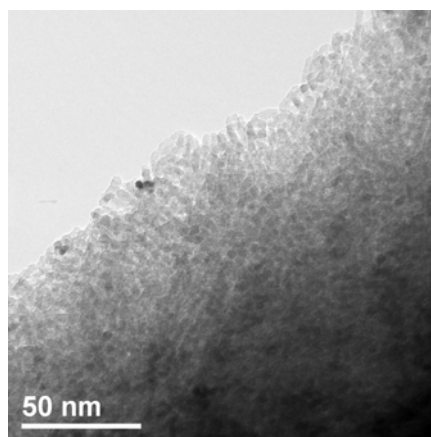
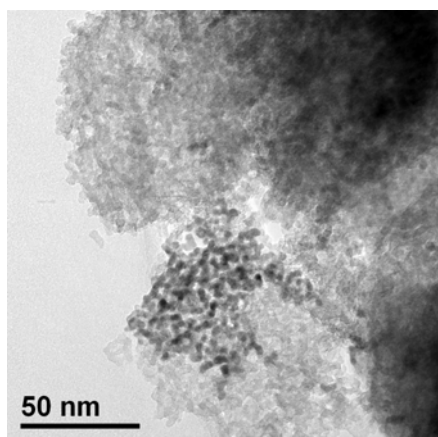


Figure S1: general TEM view of the Pt/TiO₂ nanocomposites prepared at 250 °C. Darker particles in the upper images are Pt nanocrystals.

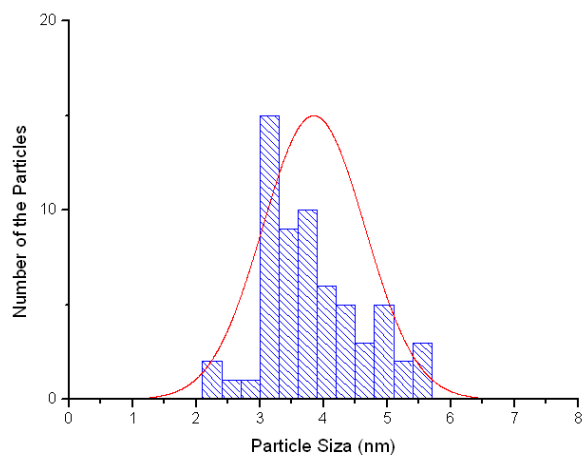


Figure S2: size histogram of the TiO₂ nanocrystals in the Pt/TiO₂ nanocomposite prepared at 250 °C.

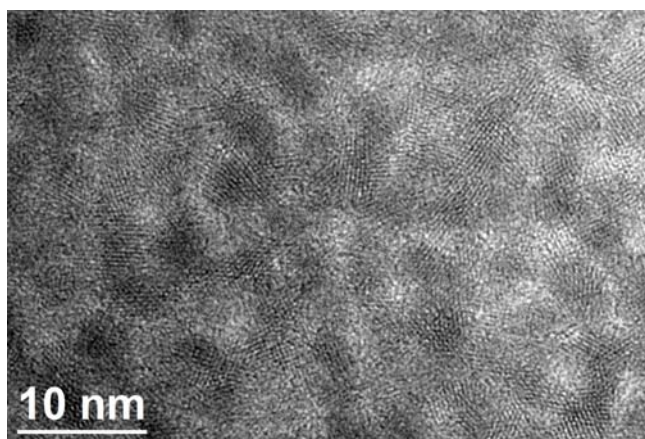


Figure S3: general TEM view of the pure TiO₂ nanocrystals prepared at 250 °C.

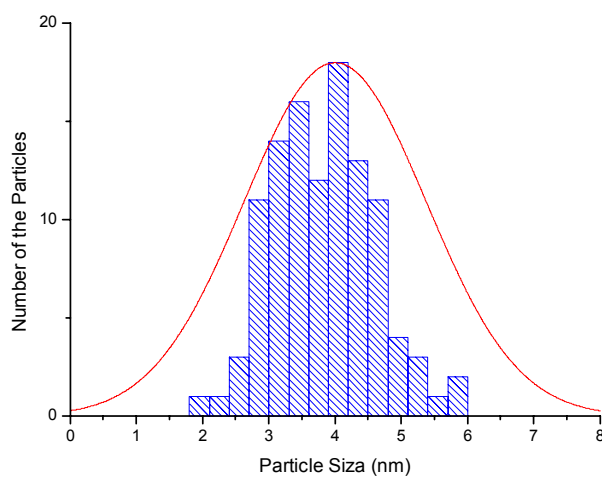


Figure S4: size histogram of the Pt nanocrystals in the Pt/TiO₂ nanocomposite prepared at 250 °C.

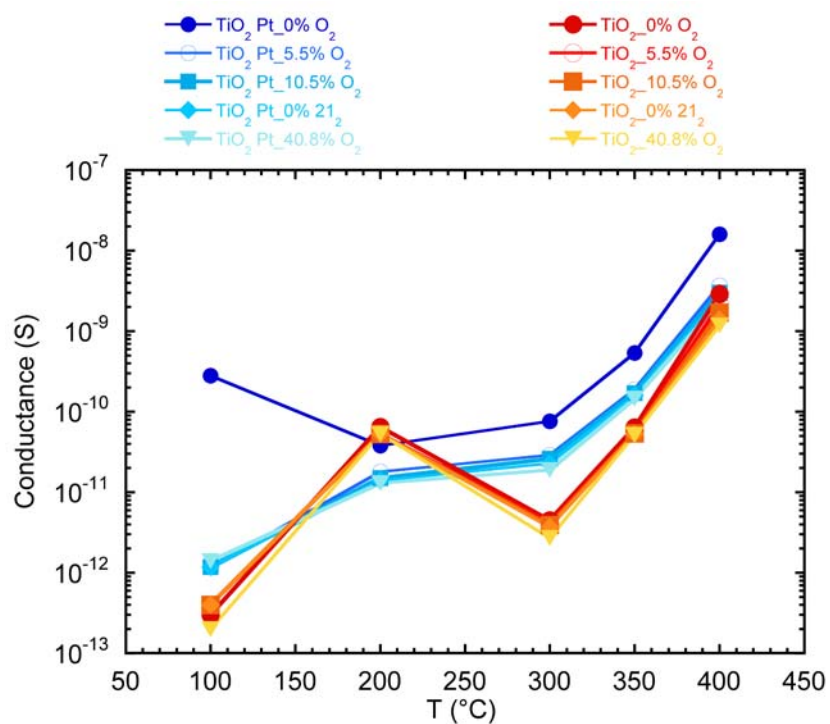


Figure S5: Electrical conductance data of Pt/TiO₂ and pure TiO₂ nanocrystals plotted as a function of the working temperature.