

Fig. 1s. TEM images and statistical histograms of Pt/TiO₂ pre-reduced at different temperatures.

(A) 300 °C; (B) 450 °C; (C)700 °C

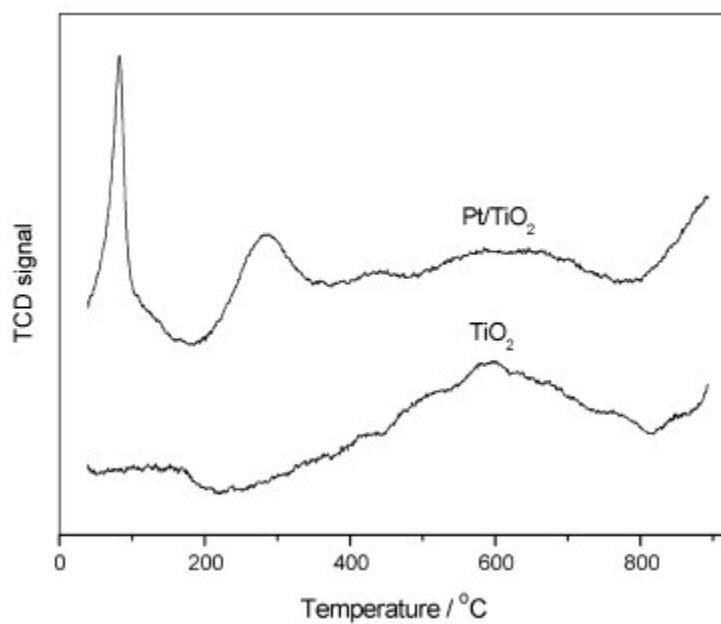


Fig. 2S. H₂-TPR profiles of Pt/TiO₂ and pure TiO₂

Table 1s. The crystal size, dispersion and composition of the Pt/TiO₂ pre-reduced at different temperatures

Pre-reduced temperature (°C)		300	450	700
Content (wt.%)	Anatase	100	100	100
	Rutile	0	0	0
Pt dispersion (%)		60.6	68.5	24.2
Pt particle size ^a (nm)		1.7	1.5	4.1
Pt particle size ^b (nm)		1.5	1.3	4.3

^a Obtained from H₂ chemisorption

^b Obtained from TEM images