

Supporting information

Enhanced CO catalytic oxidation over Au–Pt alloy supported on TiO₂ nanotubes: investigation of the hydroxyl and Au/Pt ratio influences

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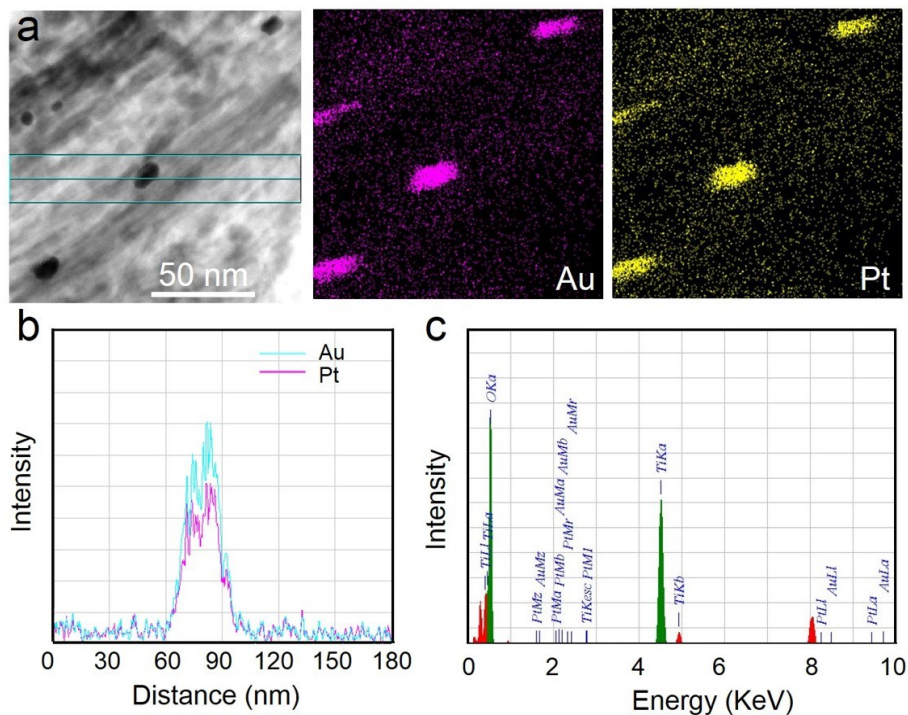


Fig. S1 (a) HAADF-STEM images of 0.5% Au–0.2% Pt/TiO₂ SNTs catalyst calcined at 400 °C and the corresponding EDX elemental maps (Green plane in (a) represents the EDX plane scan), (b, c) STEM-EDX plane profile and spectrum.

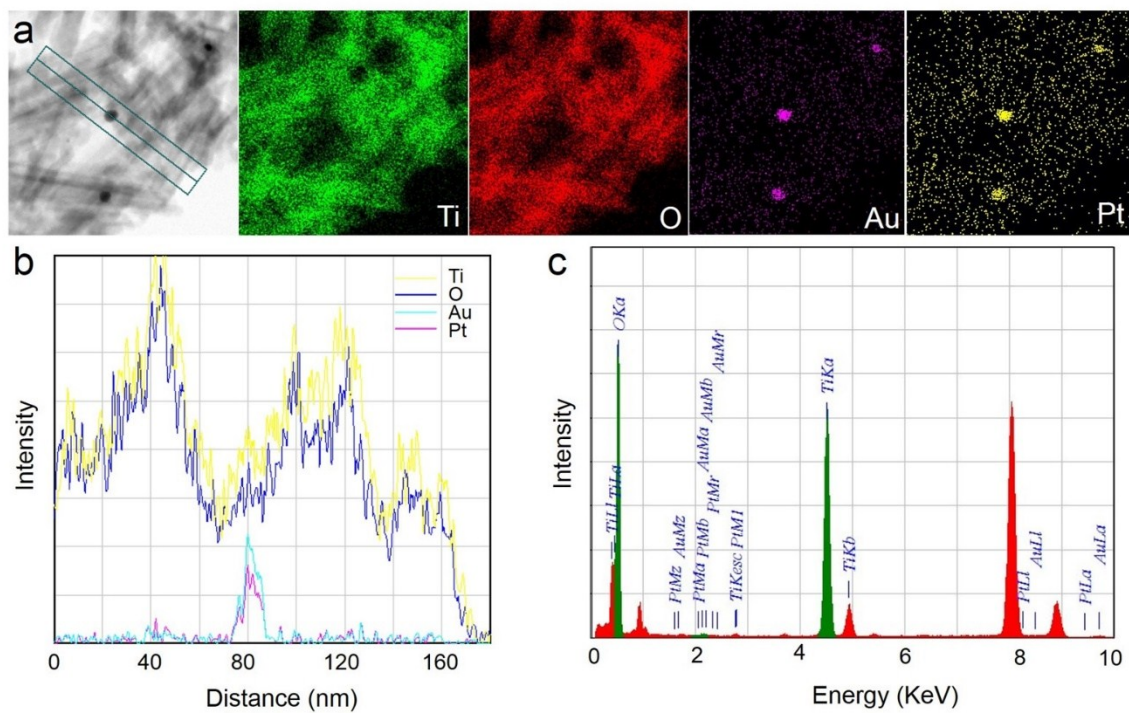


Fig. S2 (a) HAADF-STEM images of 0.5% Au–0.1% Pt/TiO₂ SNTs catalyst calcined at 300 °C and the corresponding EDX elemental maps. Green plane in (a) represents

the EDX plane scan. (b, c) STEM-EDX plane profile and spectrum.

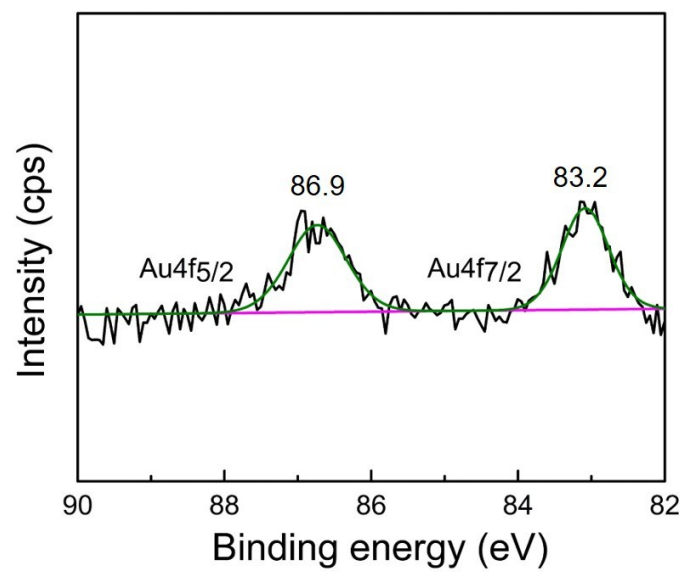


Fig. S3 High-resolution spectrum of Au 4f for 0.5% Au–0.1% Pt/TiO₂ SNTs catalyst calcined at 300 °C.