

Au-Rh and Au-Pd nanocatalysts supported on rutile titania nanorods: structure and chemical stability by Konuspayeva *et al.*

Electronic Supplementary Information

Fig. S1. X-ray diffractograms of rutile TiO_2 nanorods and commercial Degussa P25 TiO_2 .

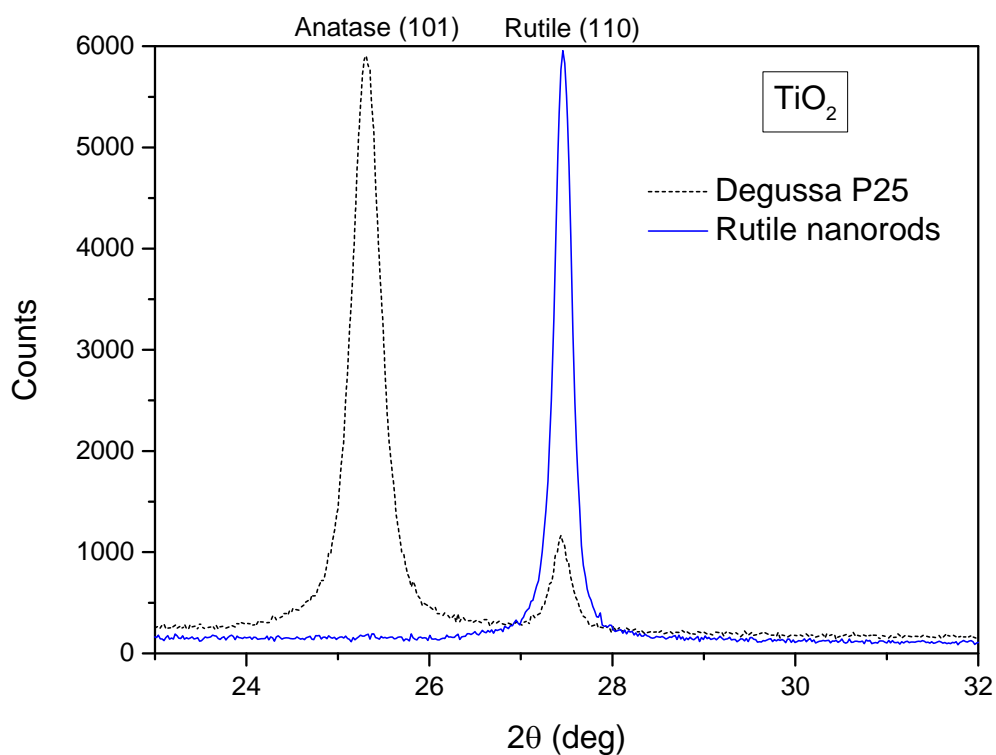


Fig. S2. Plane and facet indexation of the nanoparticles present in the insets of Fig. 1a. (a) Marks decahedron; (b) Particle twinned along a (111) plane; (c) Truncated octahedron.

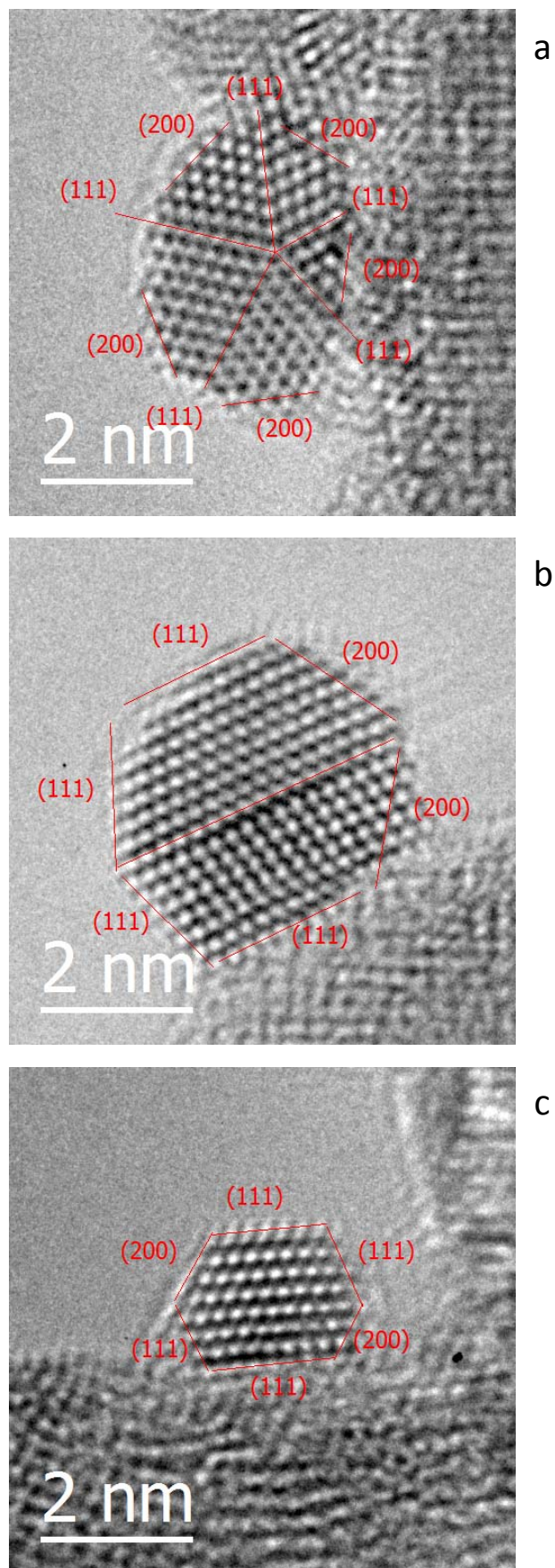


Fig. S3. FTIR spectra recorded at $-196\text{ }^{\circ}\text{C}$ after introduction of $4.2\text{ }\mu\text{mol CO}$ on the samples calcined *in situ* at $350\text{ }^{\circ}\text{C}$.

