

Hydrogenation of quinolines, alkenes, and biodiesel by palladium nanoparticles supported on magnesium oxide†

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Electronic Supporting Information:

Fig. S1 Transmission electron micrograph of freshly prepared sample of 5 wt% and 10 wt% Pd/MgO with corresponding particle size distribution histogram.

Fig. S2 XPS survey scan of a fresh sample of 1 wt% Pd/MgO using Mg K α excitation as X-ray source.

Fig. S3 Pd 3d XPS spectra of a fresh sample of 5 wt% Pd/MgO.

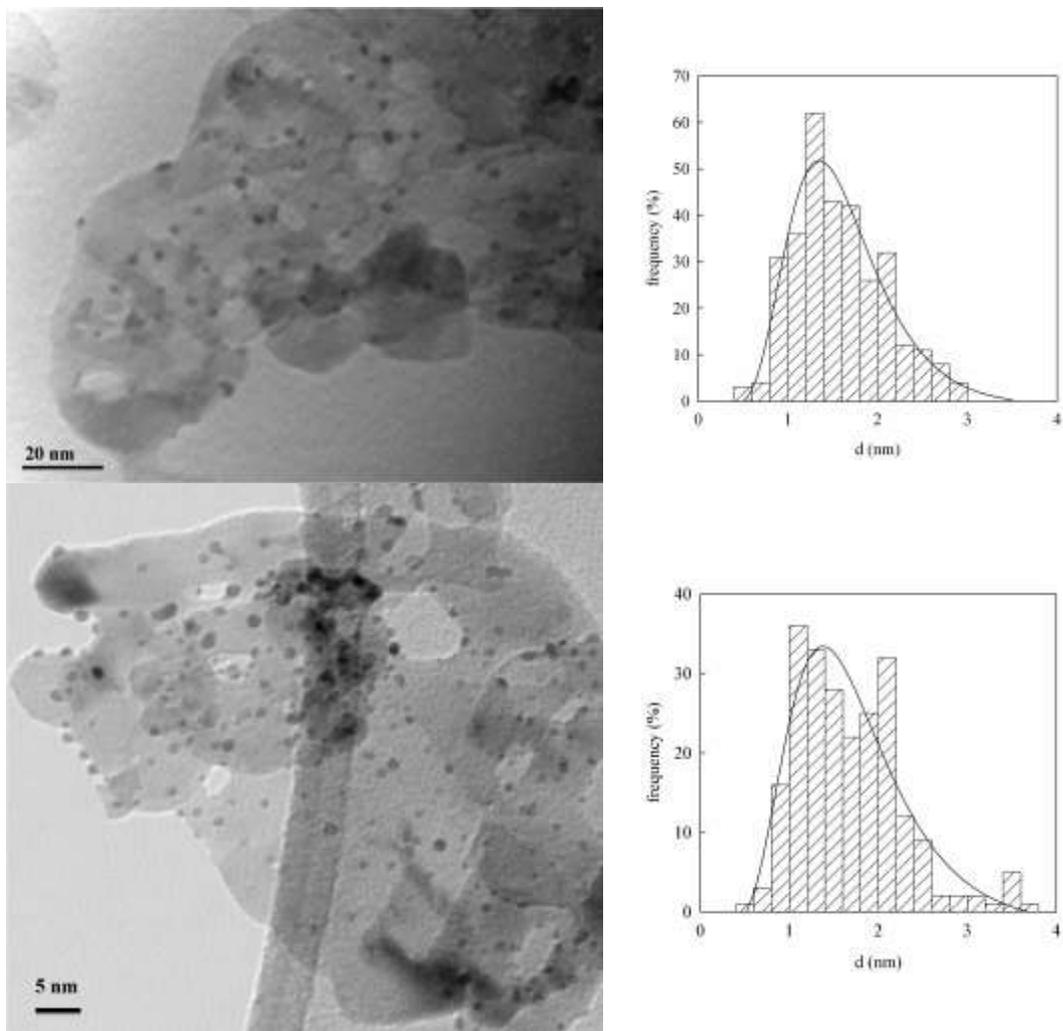


Fig. S1 Transmission electron micrograph of freshly prepared sample of 5 wt% (top) and 10 wt% (bottom) Pd/MgO with corresponding particle size distribution histogram.

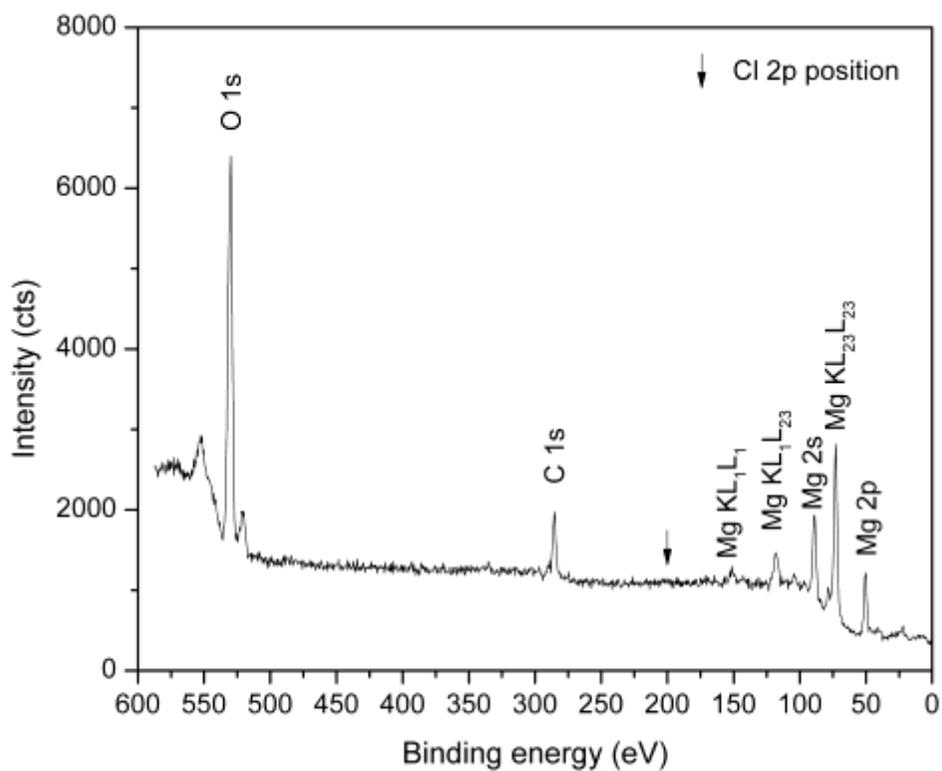


Fig. S2 XPS survey scan of a fresh sample of 1 wt% Pd/MgO using Mg K α excitation as X-ray source.

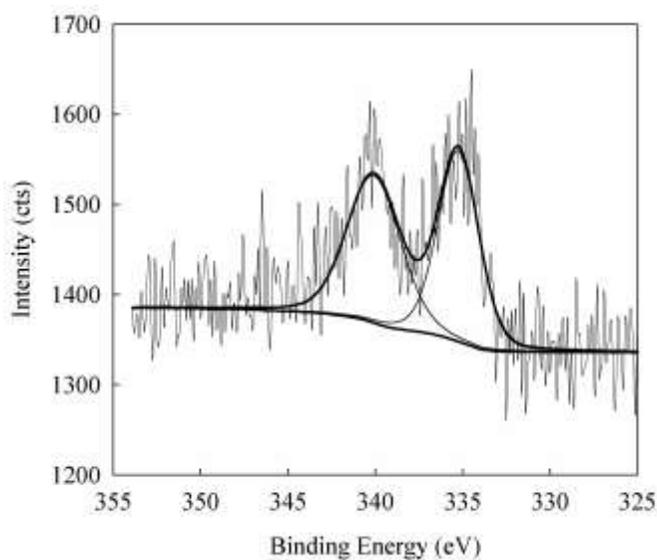


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