Green, One Step Synthesis of Catalytically Active Palladium Nanoparticles Supported on Cellulose Nanocrystals

Supporting Information

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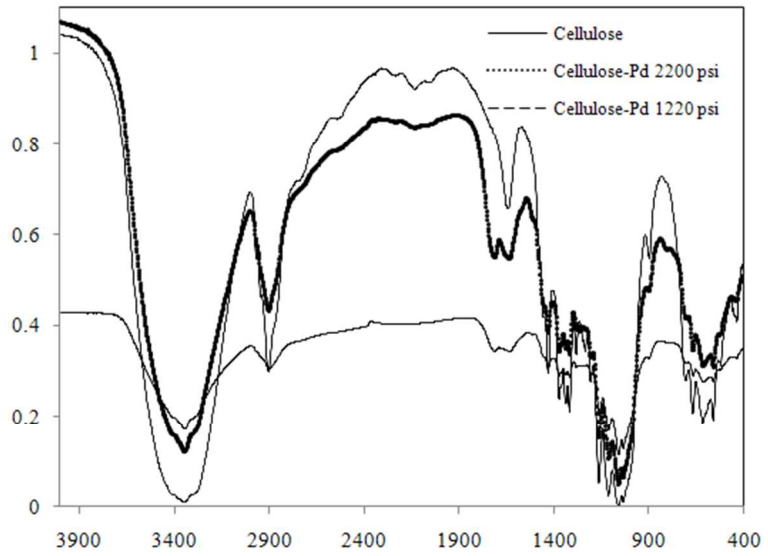

Figure S1. Representative FTIR spectra for CNXL before and after synthesis of PdNPs.

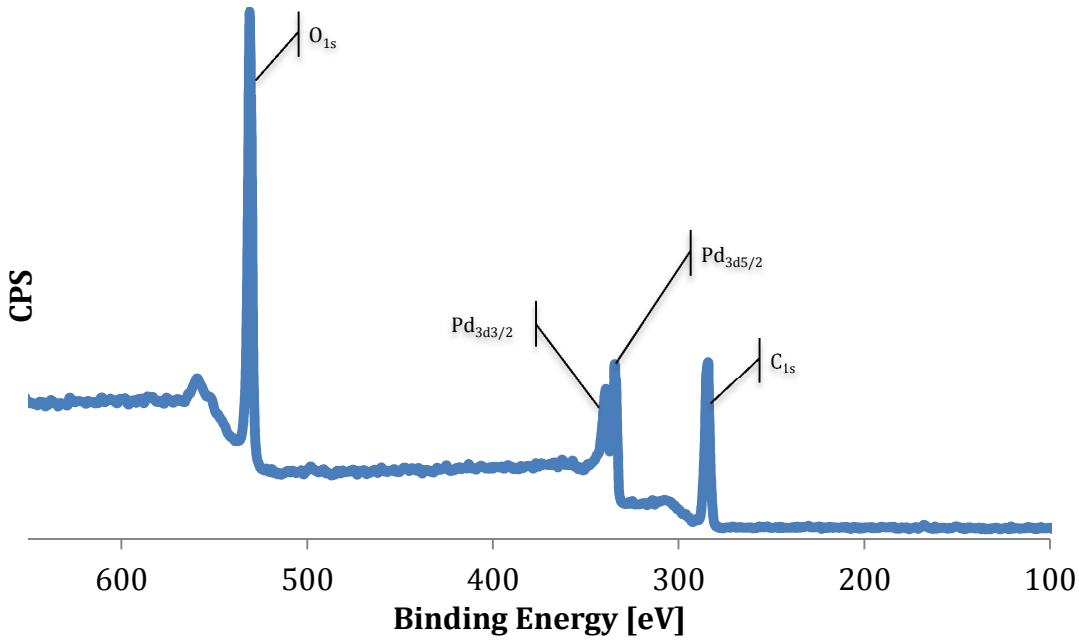

Figure S2: Representative XPS spectrogram indicating the signals used for atomic composition determination.

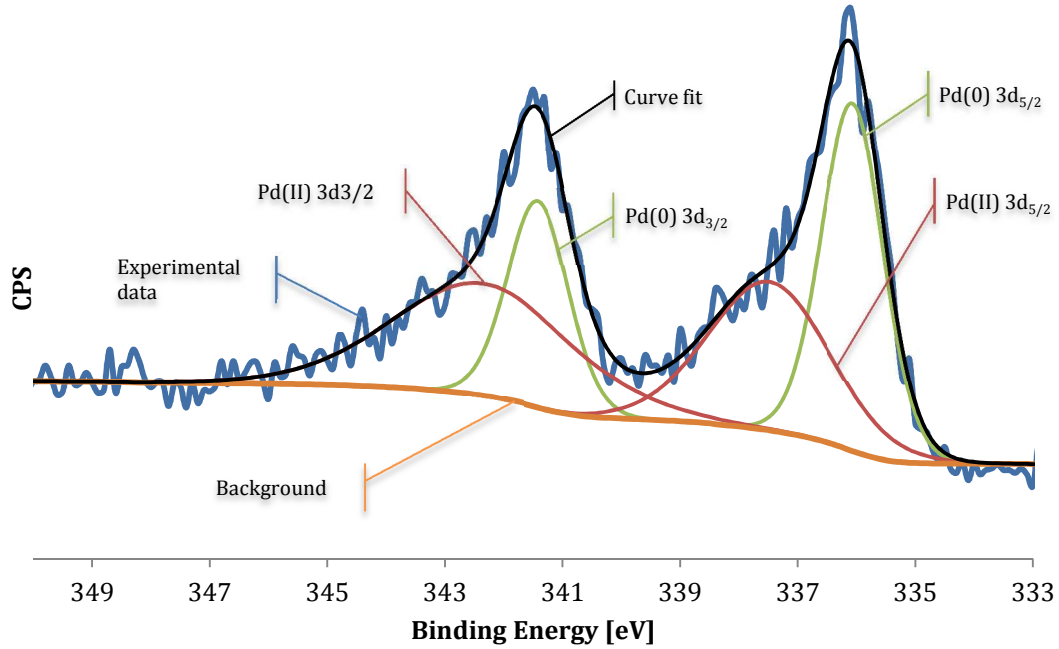

Figure S3: Representative XPS spectrogram of the Pd_{3d} region indicating the decomposition used for Pd(0) and Pd(II) atomic composition determination.

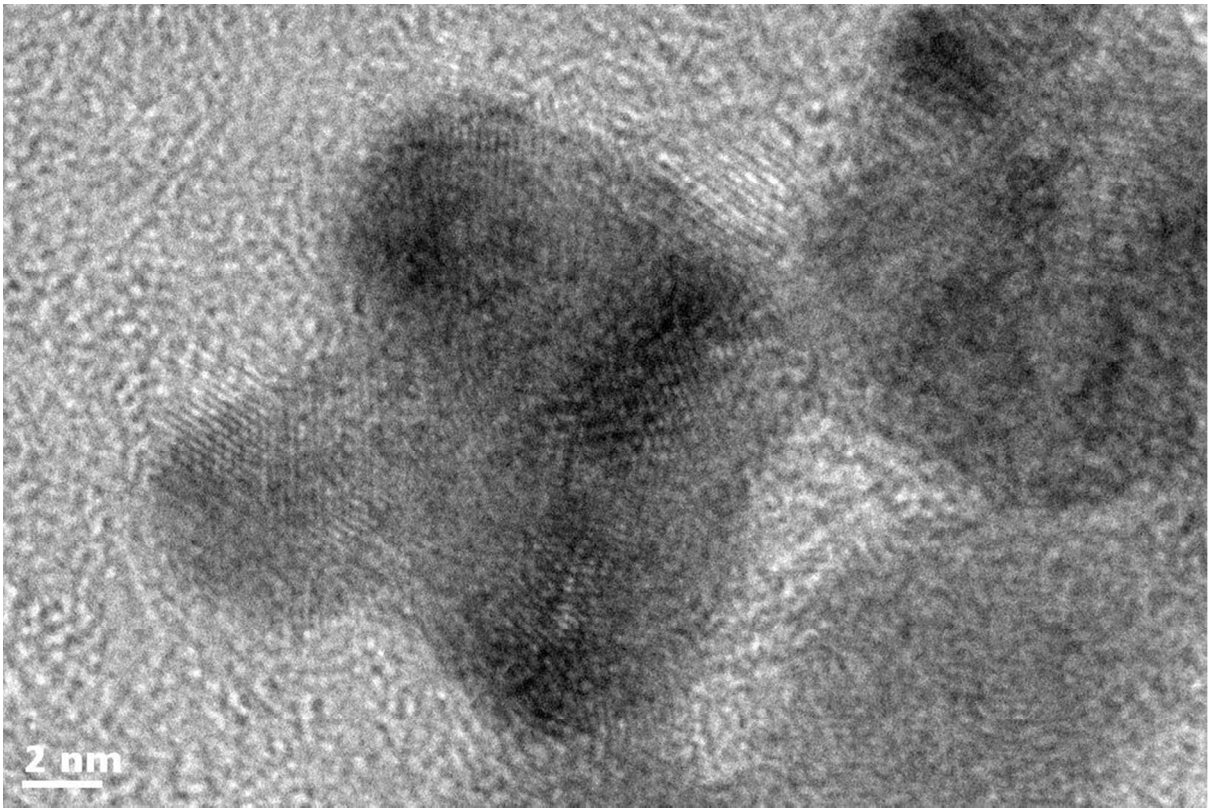

Fig. S4: High magnification TEM micrograph of PdNPs showing the crystal plane diffraction.