

Supporting Information

Palladium Nanoparticles Decorated Carbon Nanotubes: Facile Synthesis and Their Applications as Highly Efficient Catalysts for the Reduction of 4-Nitrophenol

Haiqing Li,^{*a} Lina Han,^b Justin Cooper-White^a and Il Kim^c

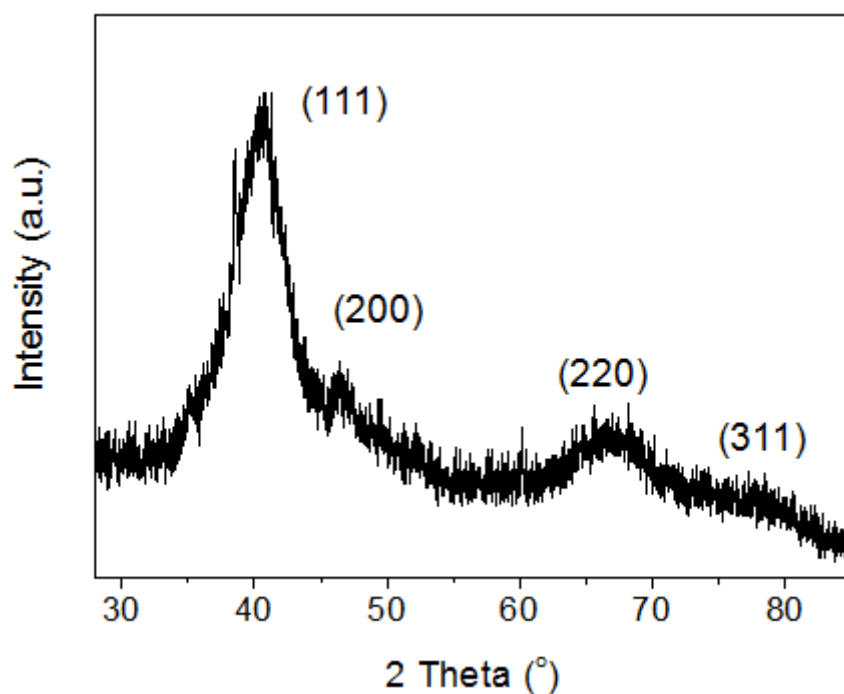


Figure S1. Powder XRD pattern of Pd NPs (Sample Pd1).

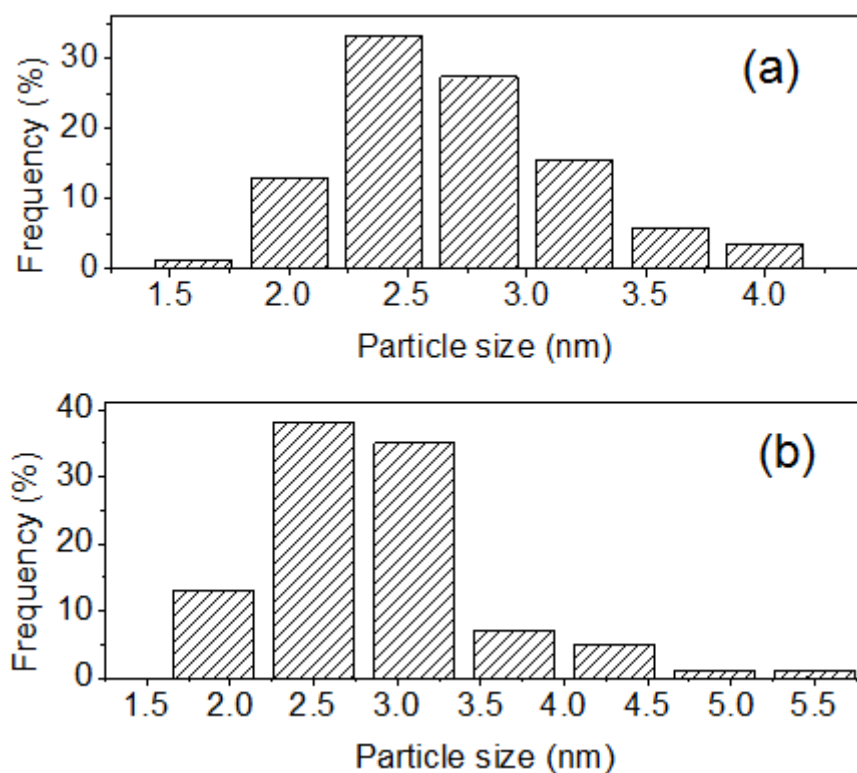


Figure S2. Particle size distributions of sample Pd1 (a) and Pd3 (b).

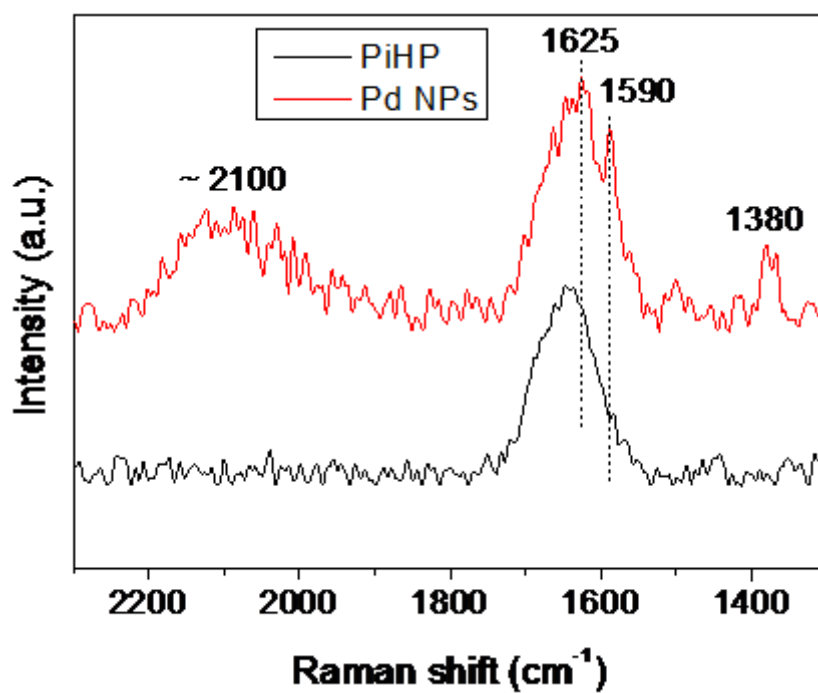


Figure S3. Raman spectra of pure PiHP macromolecules and PiHP-passivated Pd NPs (Pd1).

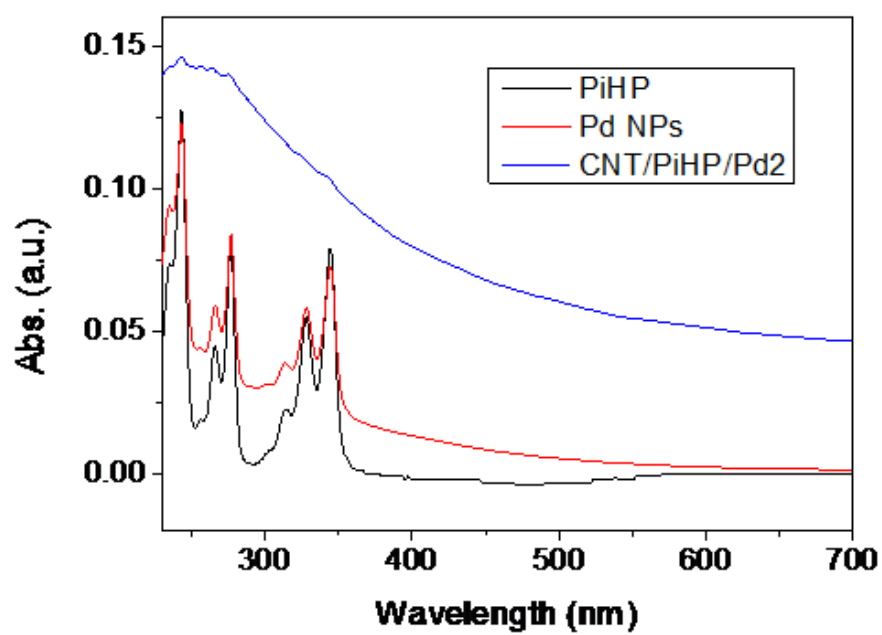


Figure S4. UV-vis spectra of PiHP, Pd 2 and CNT/PiHP/Pd2 aqueous solutions.