Figure S1

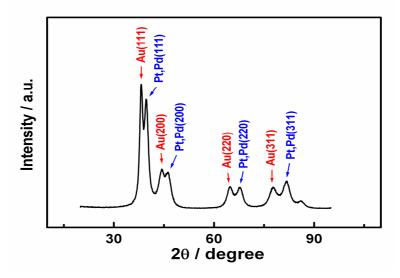


Figure S1 Wide-angle XRD pattern of the Au@Pd@Pt triple-layered core-shell structured nanoparticles.

Figure S2

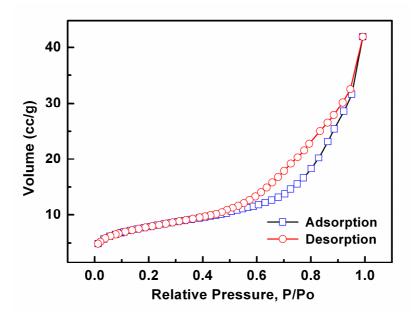


Figure S2 N_2 adsorption-desorption isotherm of the Au@Pd@Pt triple-layered core-shell structured nanoparticles.

Figure S3

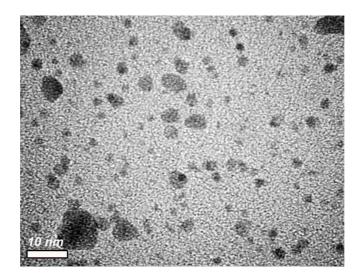


Figure S3 TEM image of the nanostructures prepared by using binary Pd (0.05 mmol)-Pt (0.05 mmol) precursors.