Supporting information

Figure S1

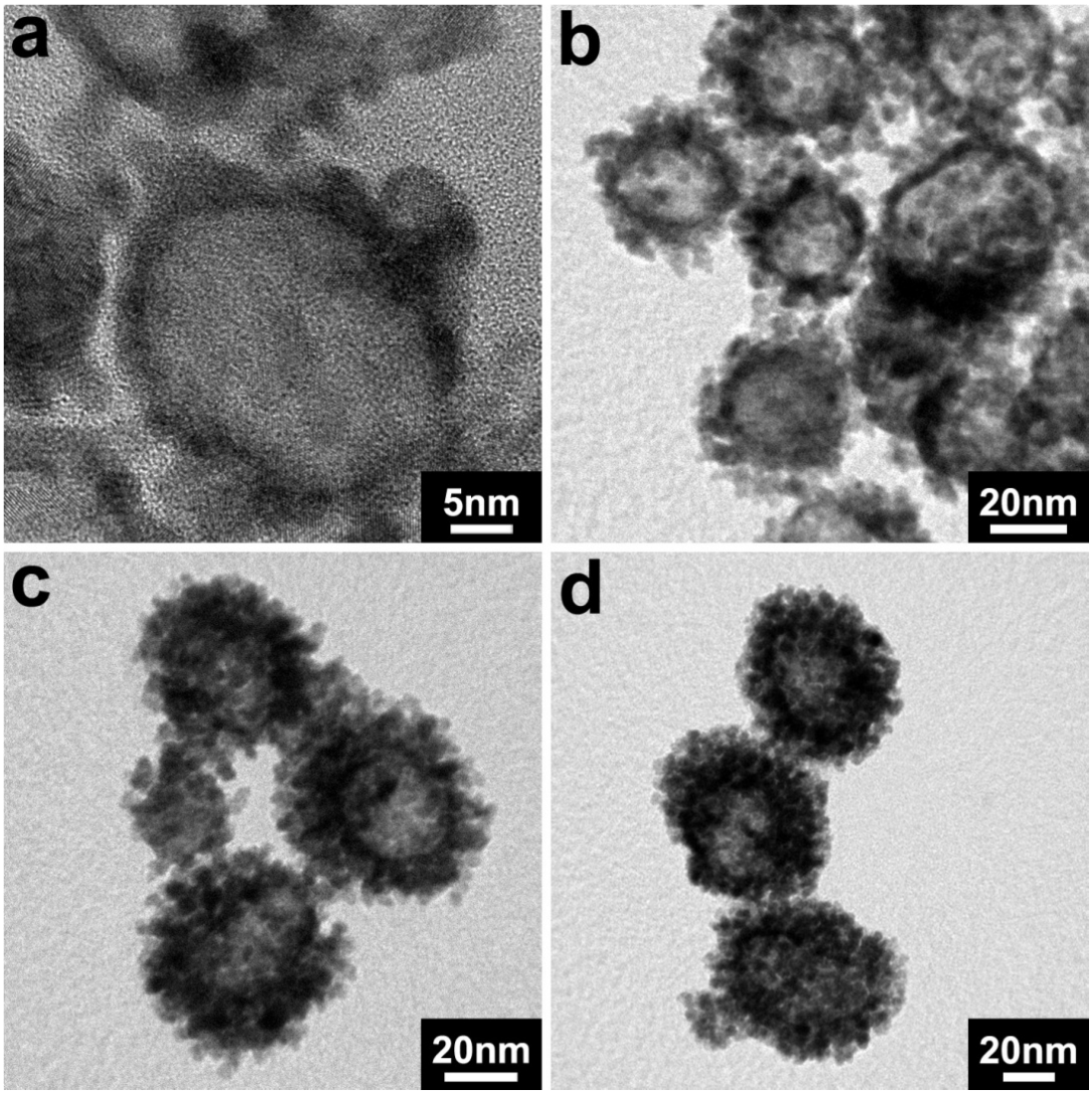

Figure S1 Highly magnified TEM images of Ag@Pt nanoparticles prepared by adding different volume of 20 mM K_2PtCl_4 solution ((a) 100 μL, (b) 250 μL, (c) 500 μL, and (d) 800 μL, respectively).

Figure S2

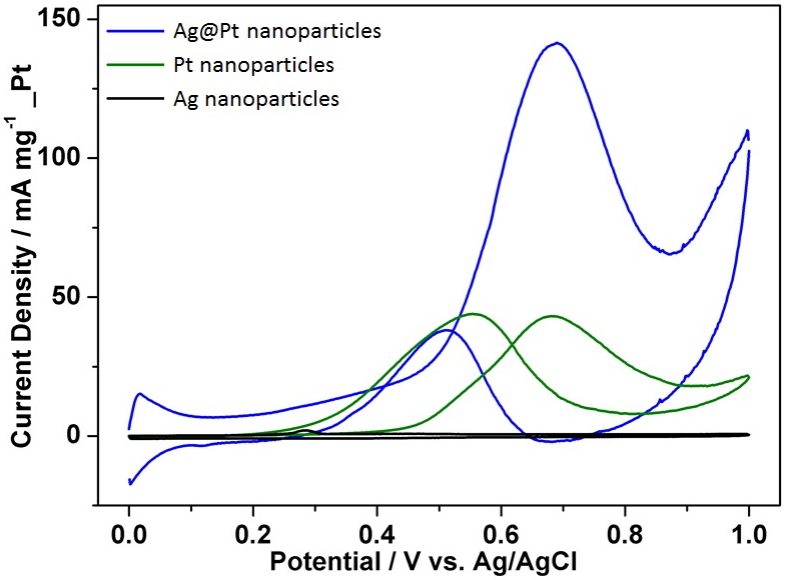

Figure S2 CV curves for methanol oxidation over Ag@Pt core-shell nanoparticles, pure Pt and Ag nanoparticles in 0.5 M H_2SO_4 containing 0.5 M CH_3OH at a scan rate of 50 mV s^{-1}. The current density of Ag nanoparticles is normalized by the Ag mass.