Enhanced Oxygen Reduction at Pd Catalytic Nanoparticles Dispersed onto

Heteropolytungstate-Assembed Poly(diallyldimethylammonium)-Functionalized

Carbon Nanotubes

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1. EDS element mapping

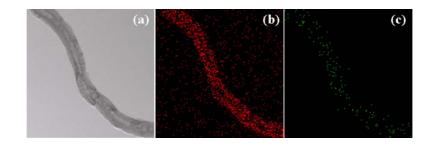


Figure S1. TEM image of HPW assembled PDDA-MWCNTs(a)and element distributions of C (b) and W (c).

2. TEM images and histograms of Pd/acid treated-MWCNTs

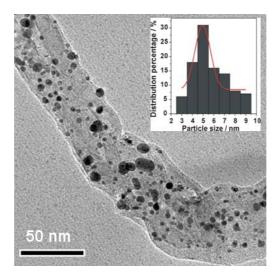


Figure S2. TEM images and histograms of Pd/acid treated-MWCNTs with Pd loading of 20wt%.