Polyoxometalate-stabilized Pt nanoparticles and their electrocatalytic activities

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**Figure S1.** The particle size distribution of (A) H$_2$W$_{12}$-Pt NPs and (B) SiW$_{12}$-Pt NPs.

**Figure S2.** The representative XPS spectra of Pt (A) and W (B) of POM-Pt NPs. The binding energies of Pt 4f$_{7/2}$ and 4f$_{5/2}$ are in agreement with those of metallic Pt (Pt(0)) and those of W 4f$_{7/2}$ and 4f$_{5/2}$ are in agreement with those of W(VI) expected for W in a Keggin POM structure.