

Polyoxometalate-stabilized Pt nanoparticles and their electrocatalytic activities

Thomas Hsu-Yao, Kevin P. Browne, Nicole Honesty, and YuYe J. Tong*

Department of Chemistry, Georgetown University, 37th & "O" Streets NW, Washington, DC, 20057, USA.

E-mail: yyt@georgetown.edu

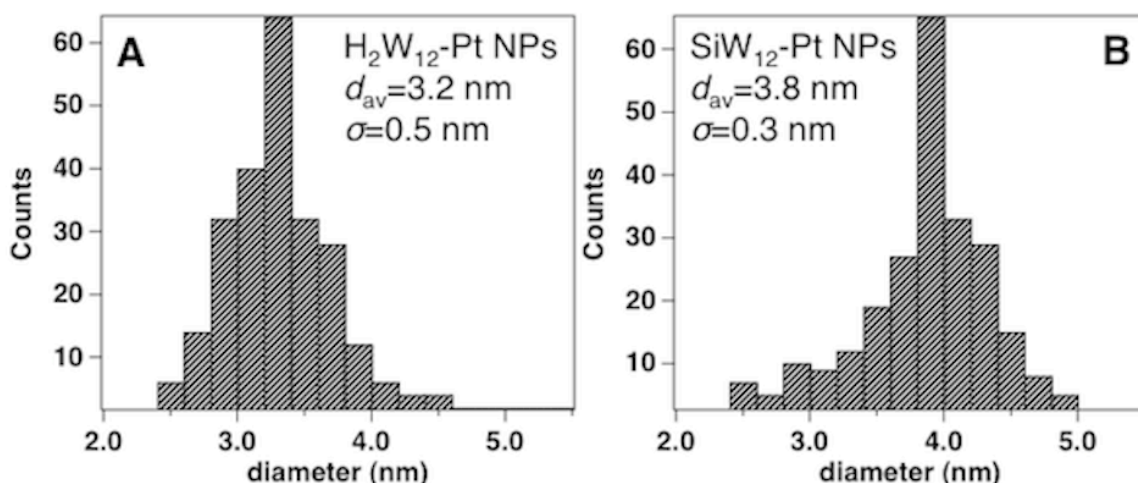


Figure S1. The particle size distribution of (A) H₂W₁₂-Pt NPs and (B) SiW₁₂-Pt NPs.

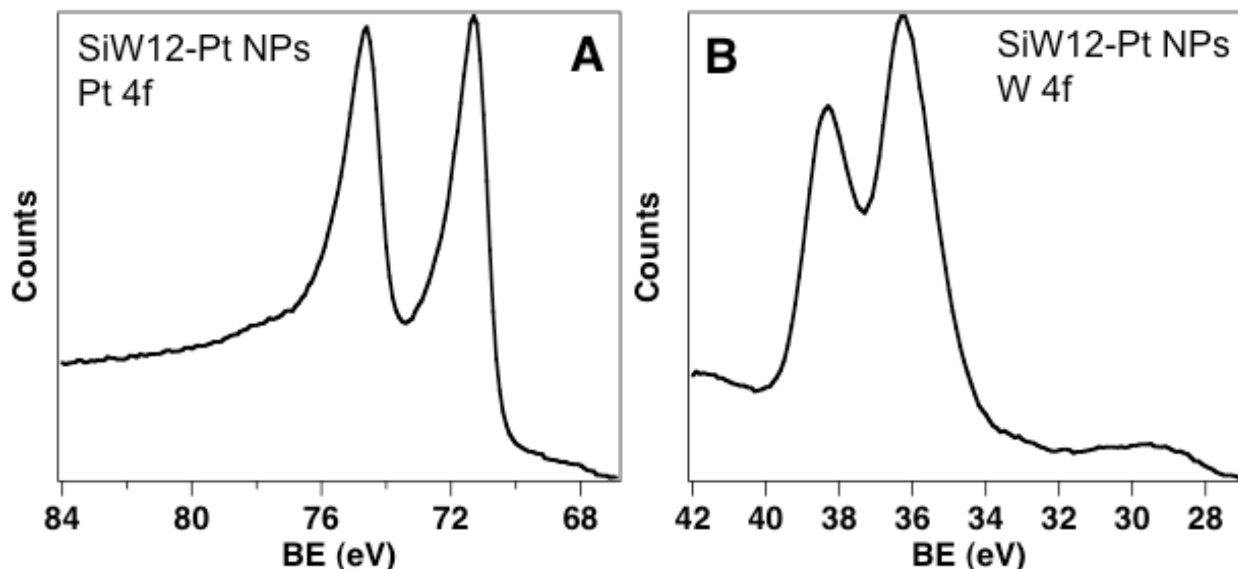


Figure S2. The representative XPS spectra of Pt (A) and W (B) of POM-Pt NPs. The binding energies of Pt 4f_{7/2} and 4f_{5/2} are in agreement with those of metallic Pt (Pt(0)) and those of W 4f_{7/2} and 4f_{5/2} are in agreement with those of W(VI) expected for W in a Keggin POM structure.