

Decoration of active sites to create bimetallic surfaces and its implication for electrochemical processes

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Supplementary Information

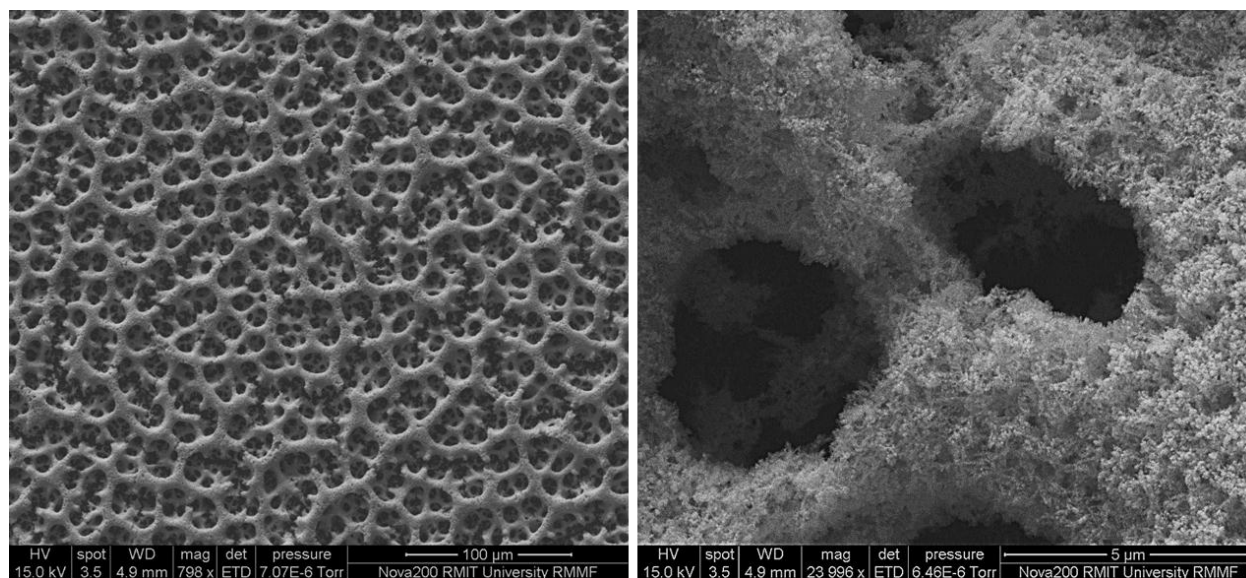


Figure S1: SEM images of porous honeycomb Pd formed via electrodeposition at a constant current of 3 A cm^{-2} for 30 s on a GC electrode from a solution containing 20 mM $\text{Pd}(\text{NO}_3)_2$ in 1.5 M H_2SO_4 .

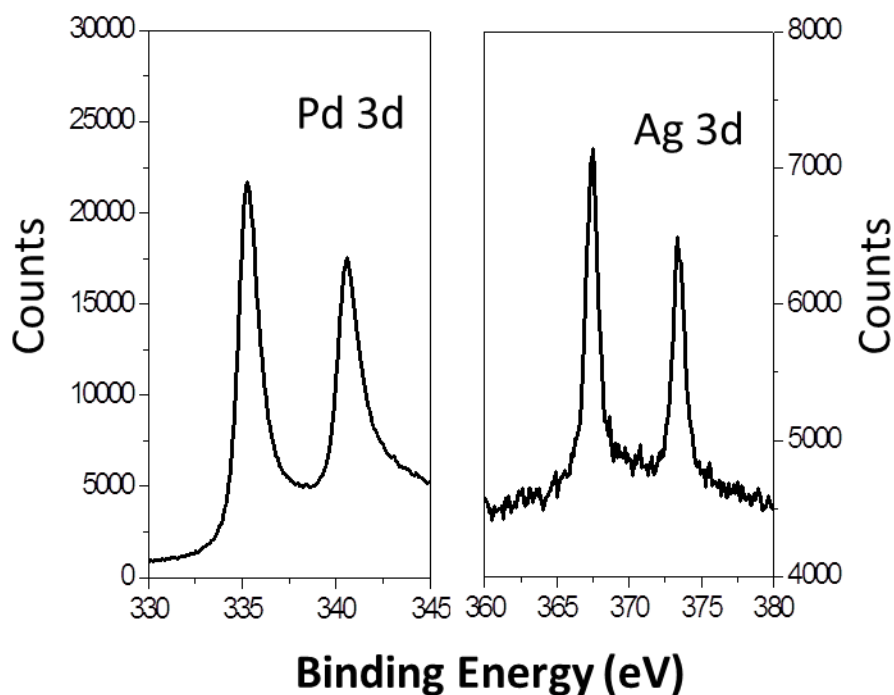


Figure S2: XPS spectra for electrodeposited nanostructured Pd as in Figure 2 of the main manuscript after decoration with silver.

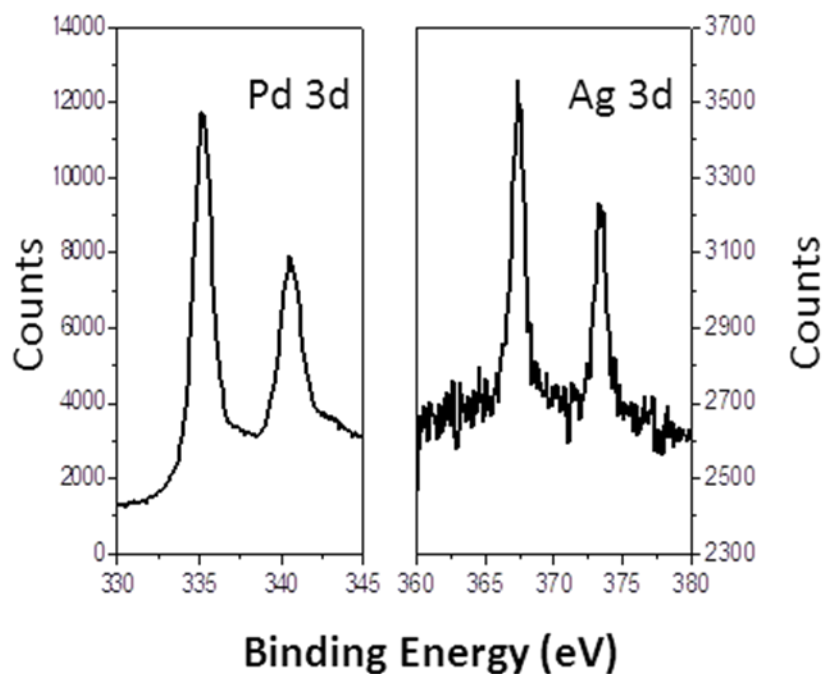


Figure S3: XPS spectra for Pd on carbon catalyst after decoration with silver.

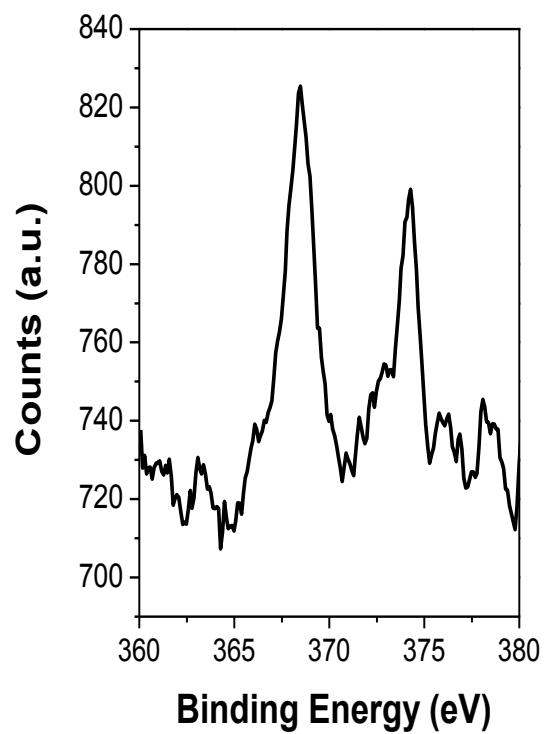


Figure S4: XPS Ag 3d spectrum for activated carbon that was immersed in 1 mM AgNO_3 .