

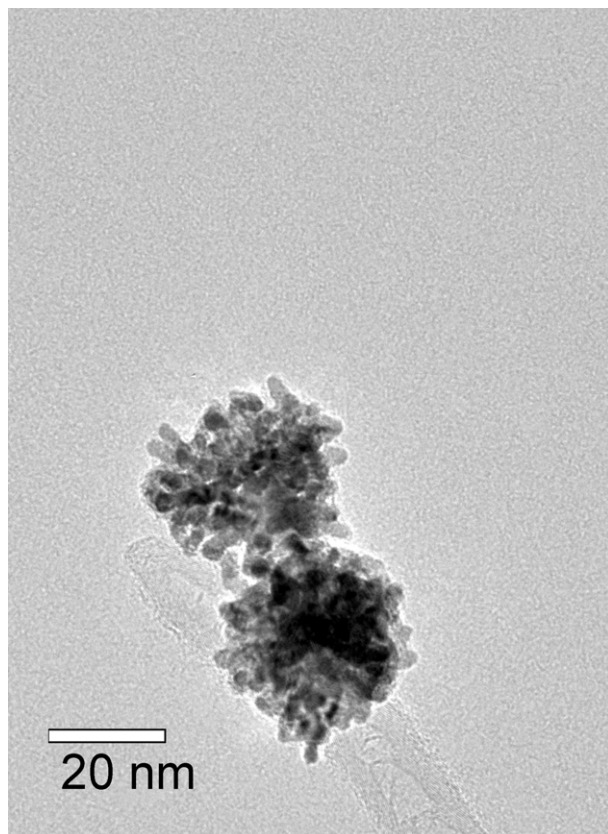


Figure S1 Higher-magnification images of as-prepared Pt NFs

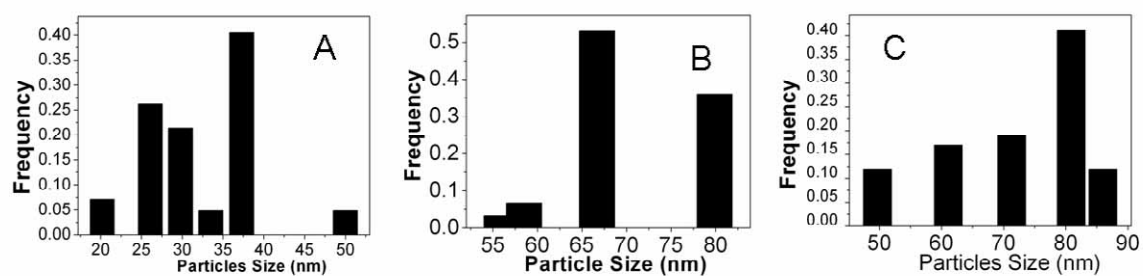


Figure S2: Histogram of the Pt NFs size distribution on PSS-CNTs for the A: Fig 1A, B: Fig 1C, and C: Fig 1D.

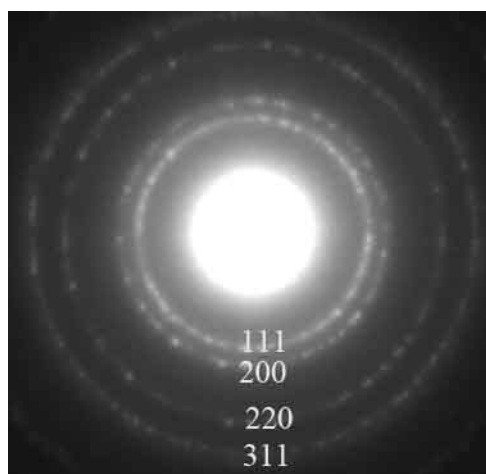


Fig S3 Selected-area electron diffractionhaves of Pt NFs

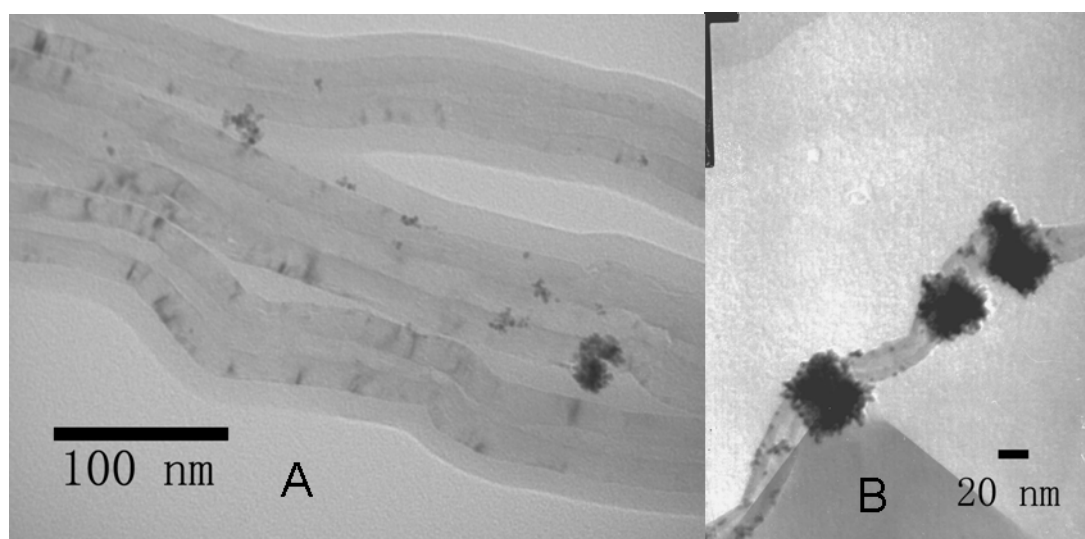


Figure S4: TEM images of the products obtained from different reducing agents NaBH_4 (A), and formic acid (B)

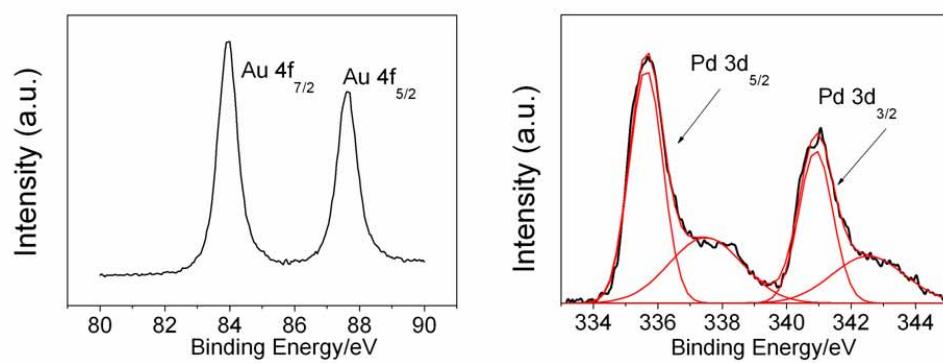


Figure S5: XPS data of Au 4f (A), and Pd 3d (B)