

Electronic Supplementary Information

**Size-controllable palladium nanoparticles immobilized on
carbon nanosphere for nitroaromatics hydrogenation**

Yong-Ming Lu^a, Hai-Zhou Zhu^a, Wei-Gu Li^a, Bo Hu^a, Shu-Hong Yu^{*a}

^a Division of Nanomaterials & Chemistry, Hefei National Laboratory for Physical
Sciences at Microscale, the School of Chemistry and Materials, University of Science
and Technology of China, Hefei 230026, PR China.

E-mail: shyu@ustc.edu.cn

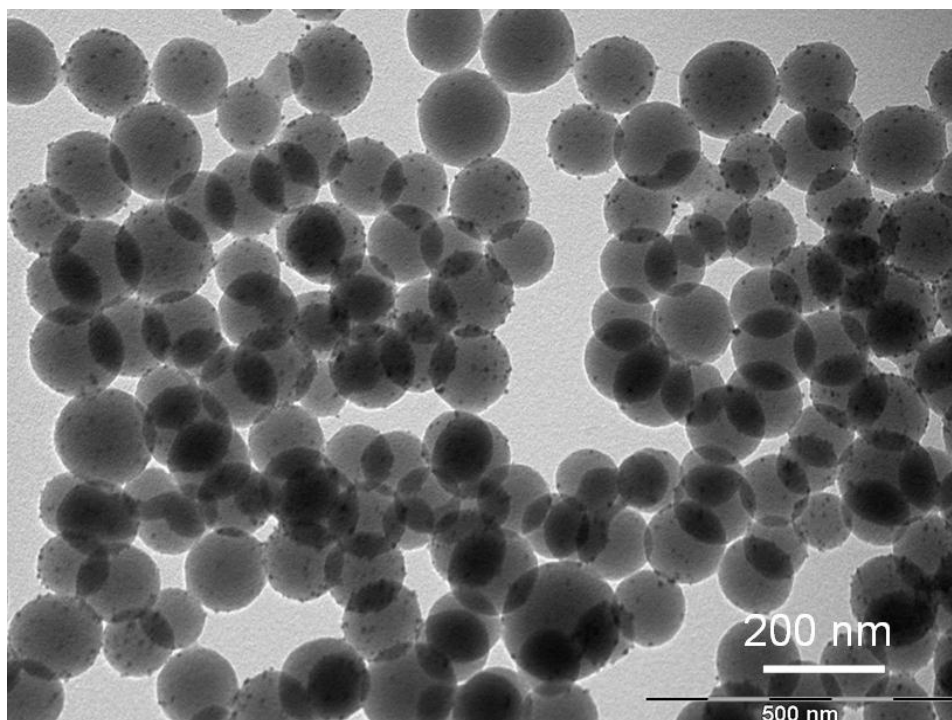


Fig. S1 TEM image for 1.36 wt% Pd/CSs.

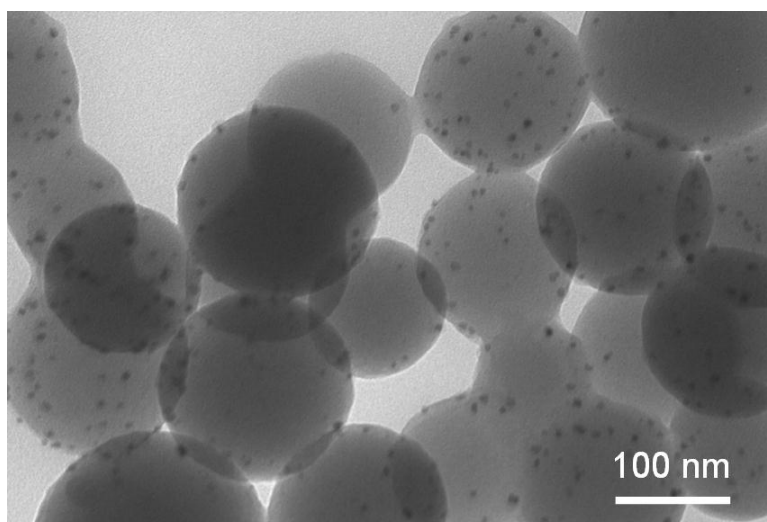


Fig. S2 TEM image for 0.84 wt% Pd/CSs.

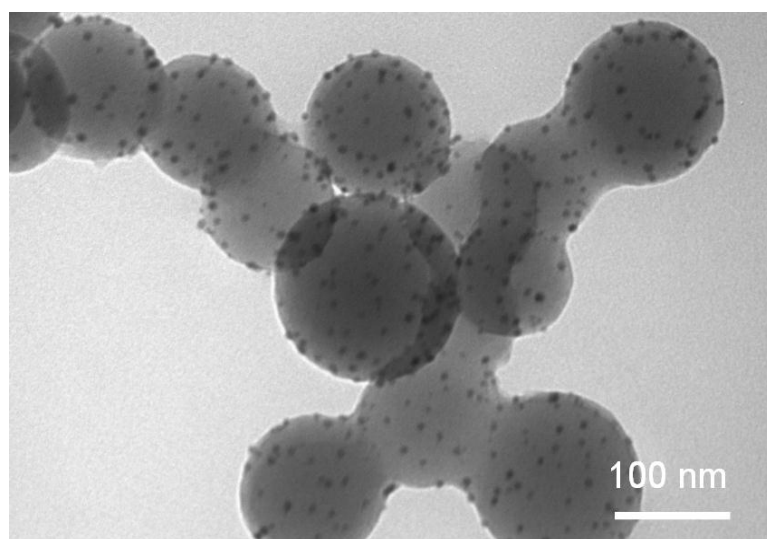


Fig. S3 TEM image for 3.06 wt% Pd/CSs.

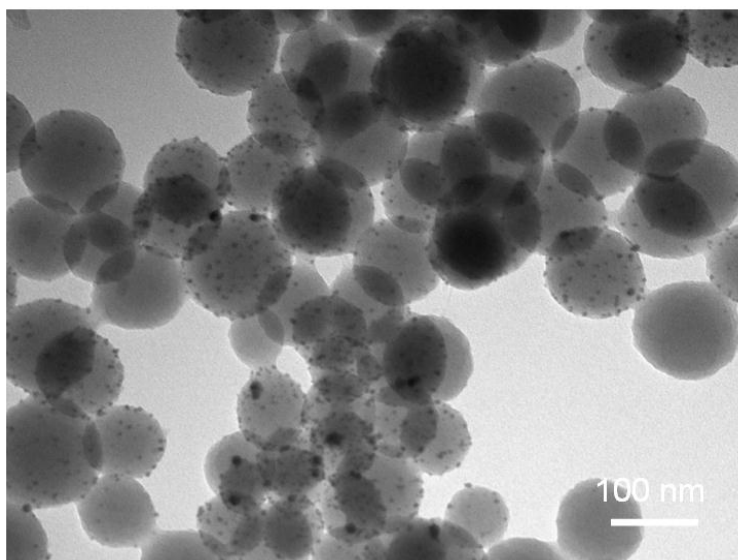


Fig. S4 TEM image for recovered Pd/CSs.

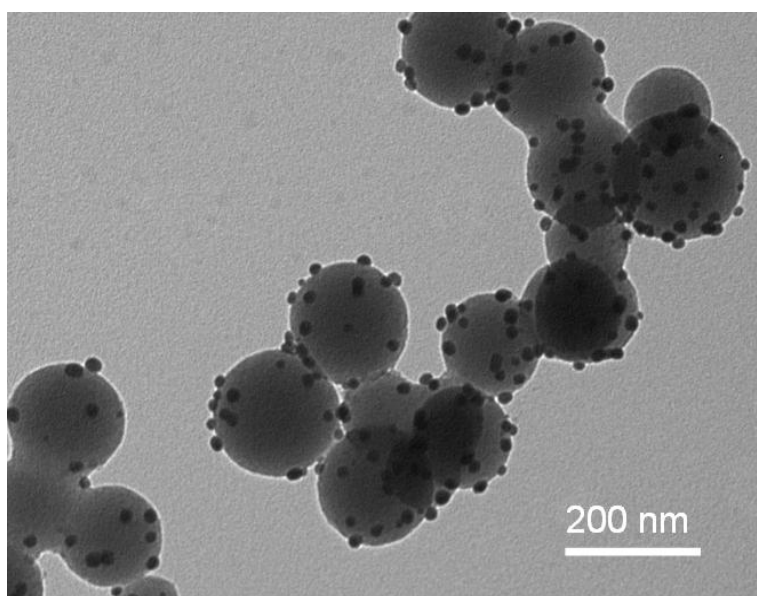


Fig. S5 TEM image for Pd/CSs-PdCl₂.

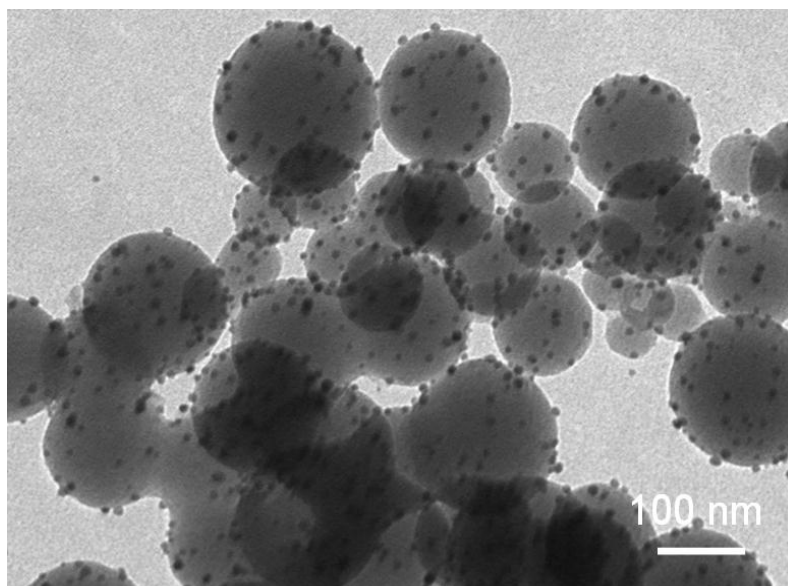


Fig. S6 TEM image for Pd/CSs-PdCl₂(NaCl).

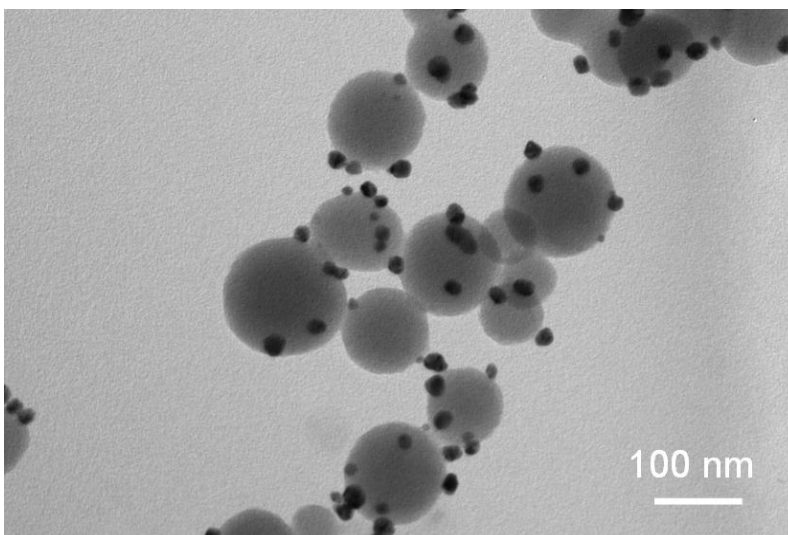


Fig. S7 TEM image for Pd/CSs-PdCl₂(HCl).

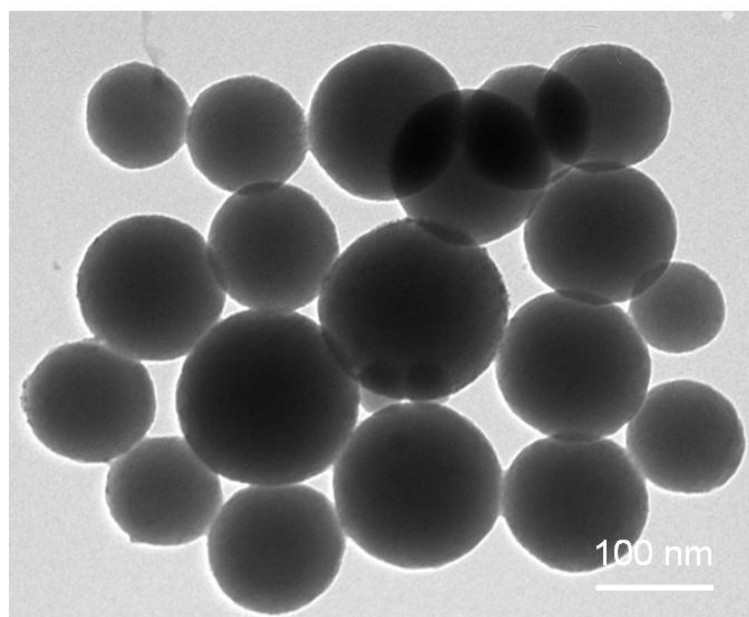


Fig. S8 TEM image for Pd/CSs- $\text{Na}_2\text{PdCl}_4(\text{NaOH})$.