

Electronic Supplementary Information

Adsorption dominant catalytic activity in carbon dots stabilized gold
nanoparticles system

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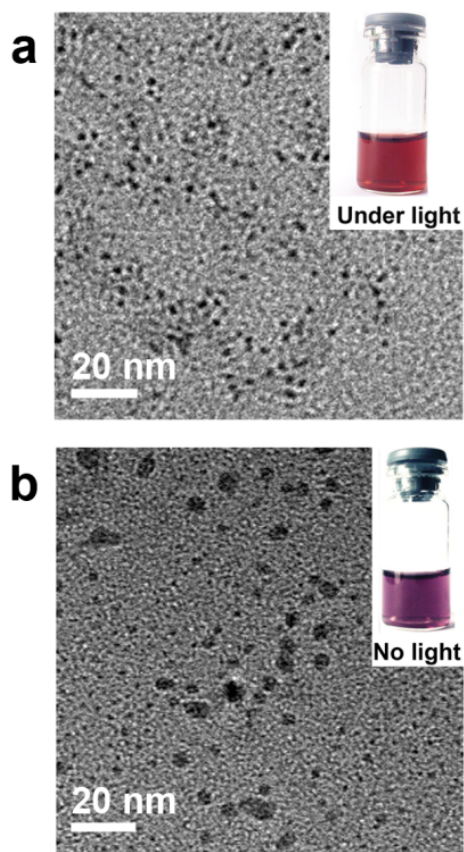


Figure S1. TEM image and digital camera images (inset) of AuNPs-CDs synthesized under (a) visible light and (b) no light.

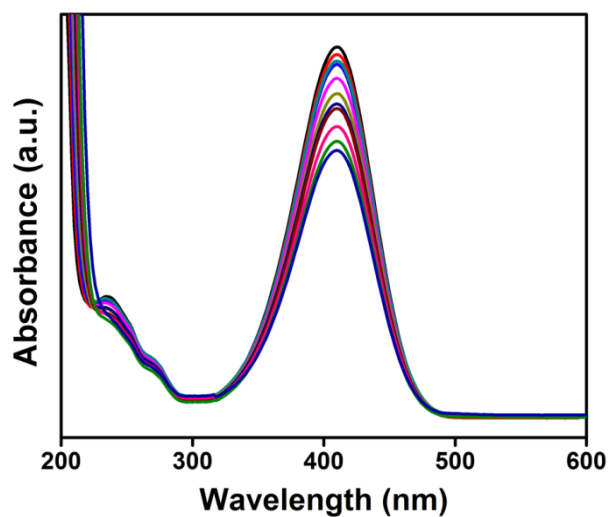


Figure S2. UV-vis absorption spectra for the catalytic reduction of 4-nitrophenol without AuNPs-CDs as catalyst.

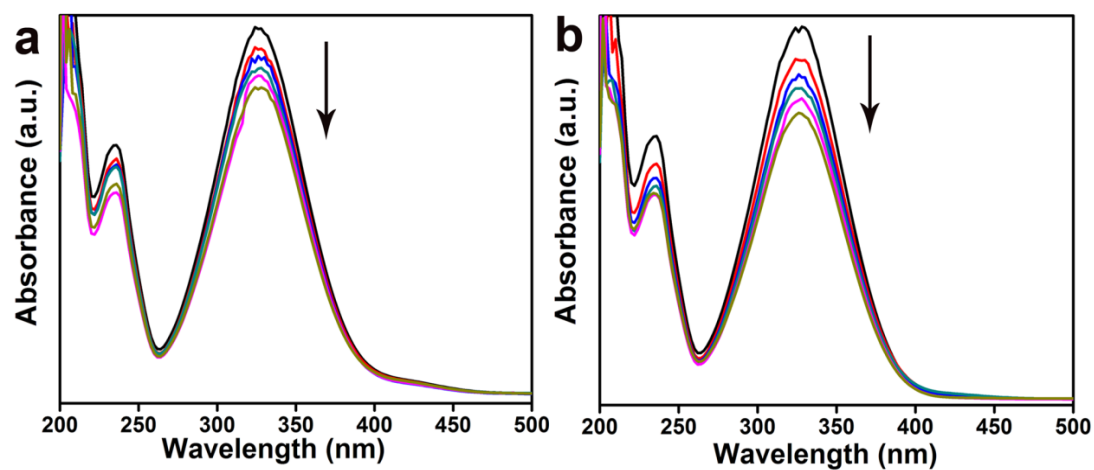


Figure S3. UV-vis absorption spectra for the adsorption of 4-nitrophenol with (a) CDs and (b) AuNPs-CDs.

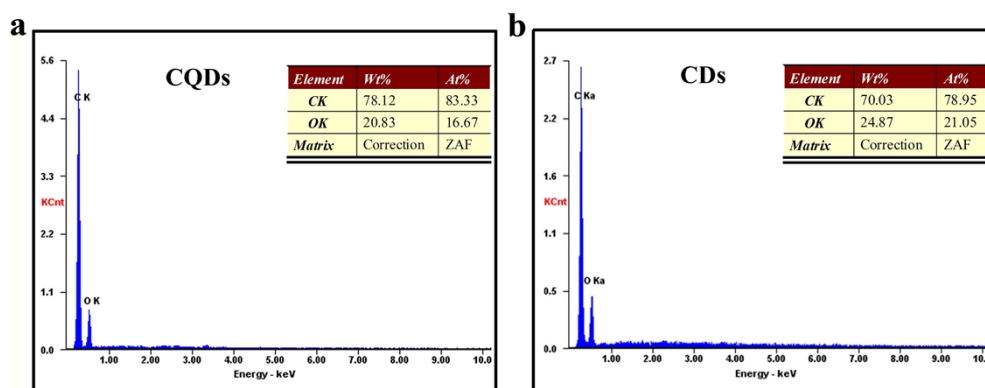


Figure S4. EDX spectra of CDs and CQDs.