

CO₂-responsive polymer functionalized Au nanoparticles for CO₂ sensor

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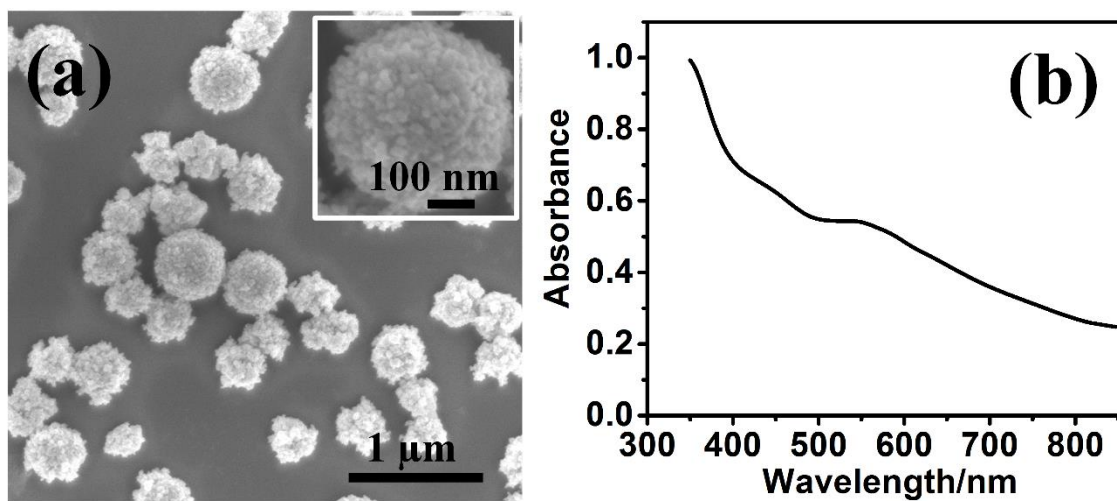


Figure S1. (a) SEM and (b) UV absorption spectra of Au NPs synthesized in the presence of 0.8 mg/ml PVP concentration using ANI as reducing agent.

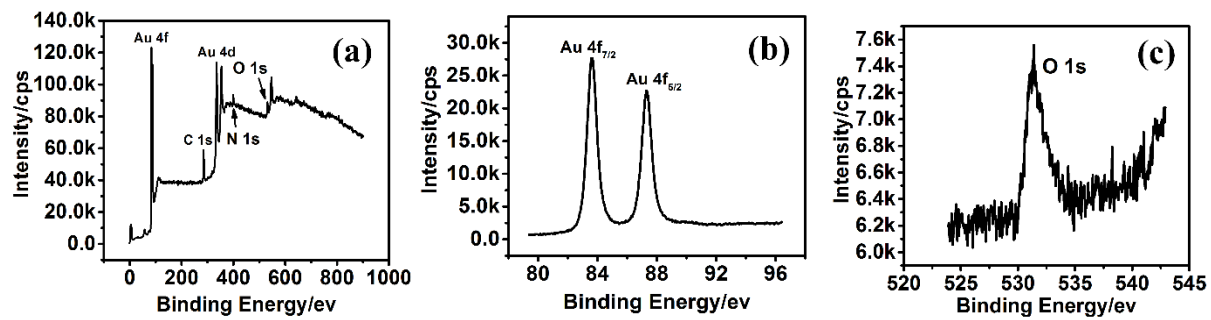


Figure S2. XPS spectra of Au NP1.6. (a) Survey spectrum, high-resolution spectra of (b) Au 4f and (c) O 1s.