

Fabrication and application of SERS-active cellulose fibers regenerated from waste resource

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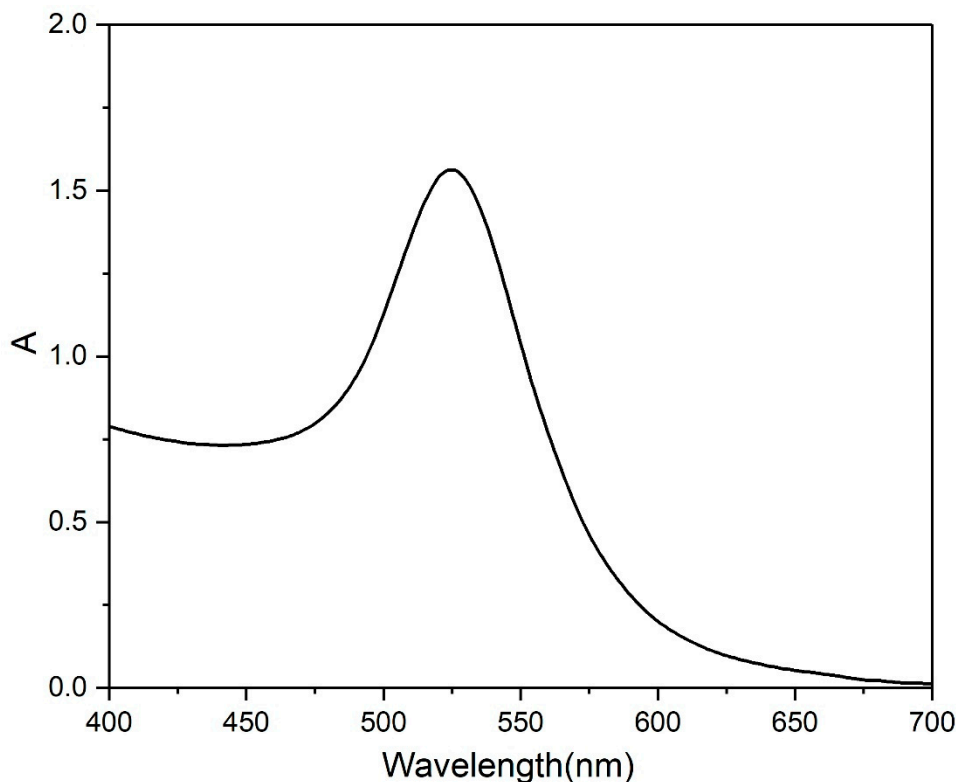


Figure S1. UV-Vis spectra of colloidal gold nanoparticles

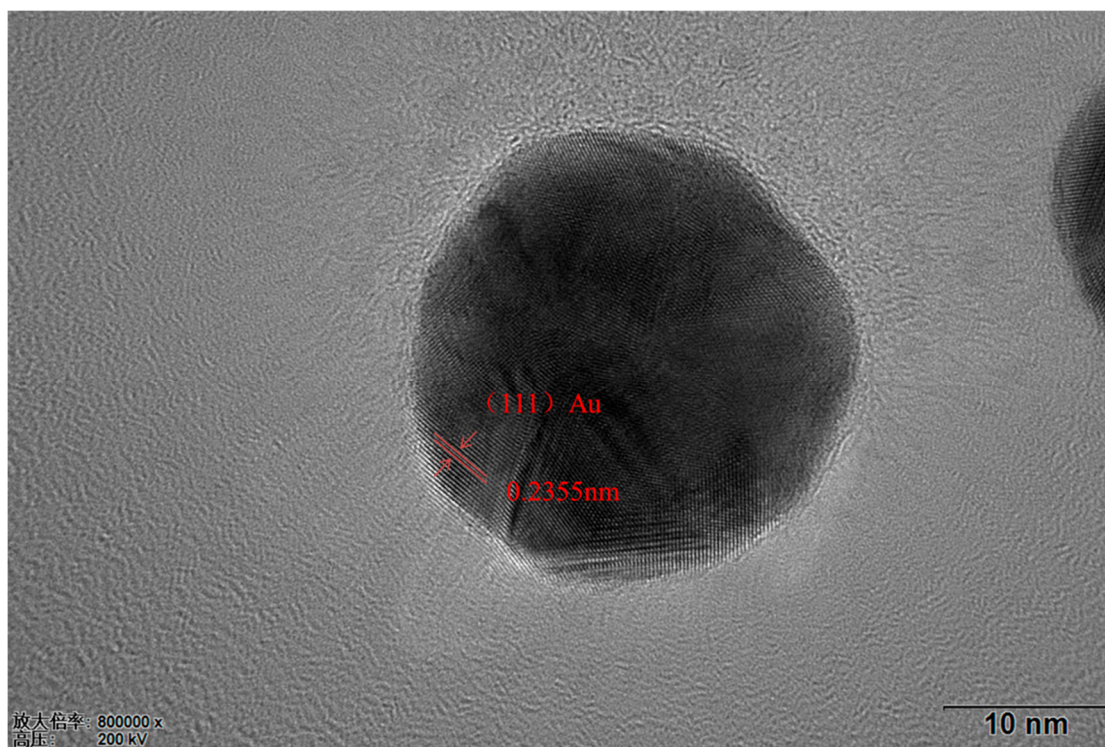


Figure S2. HRTEM image of Au NP

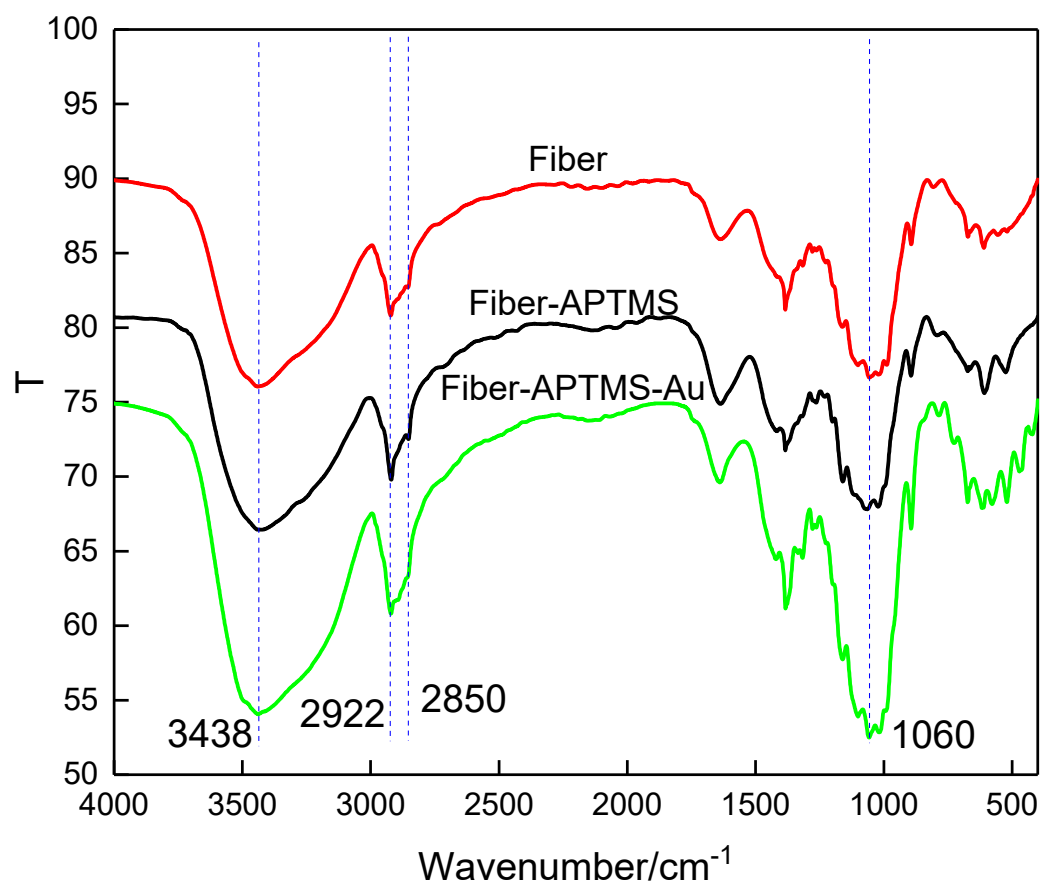


Figure S3. FTIR spectra of regenerated cellulose fiber and after modification

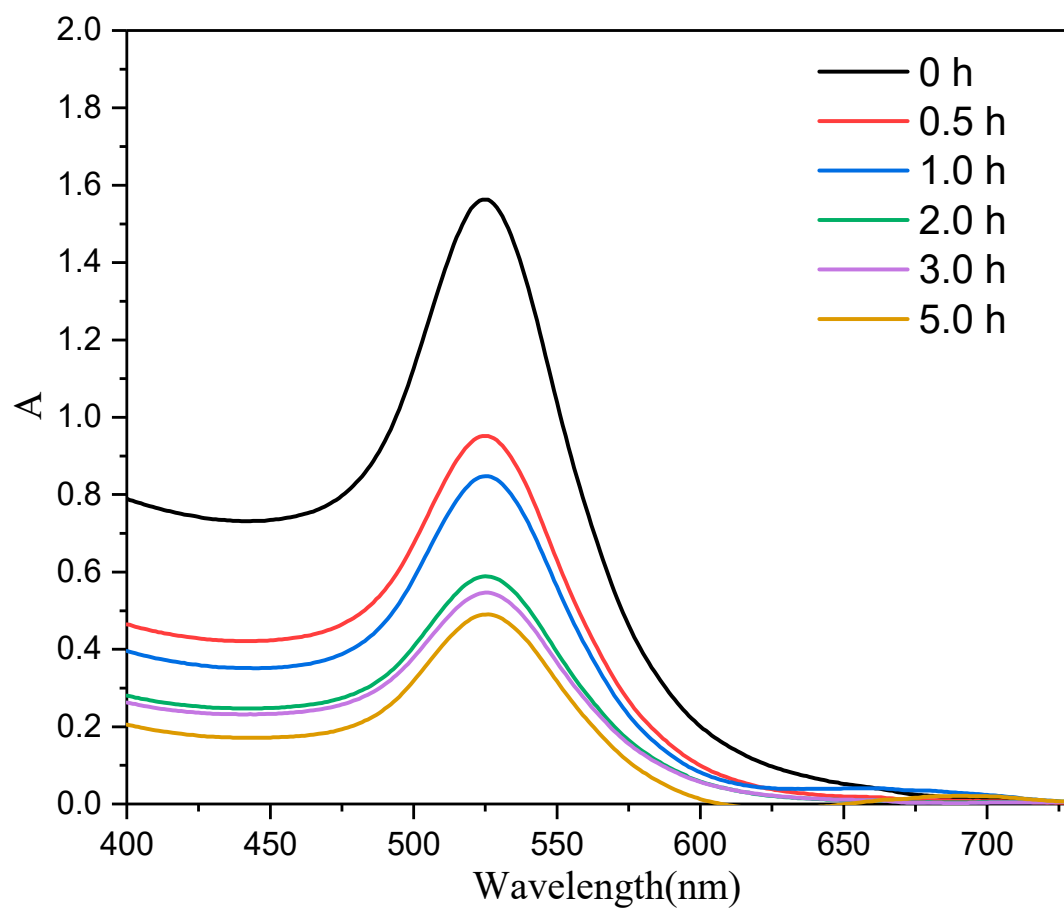


Figure S4. The UV-vis spectra of Au colloid after exposure cellulose fibers with different assemble times.