

Supporting Information

Green synthesis of Ag@Au bimetallic regenerated cellulose nanofibers for catalytic applications

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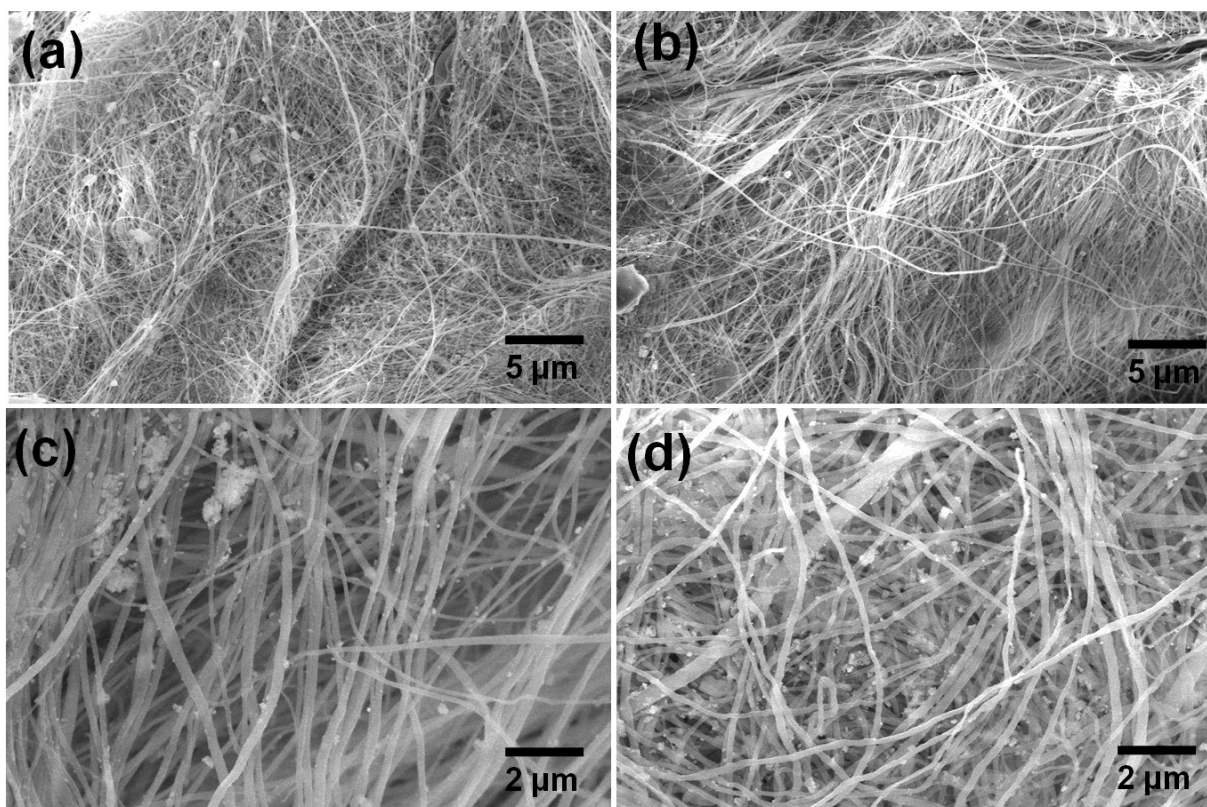


Fig. S1. SEM images of Ag@Au/CNC nanocomposite.

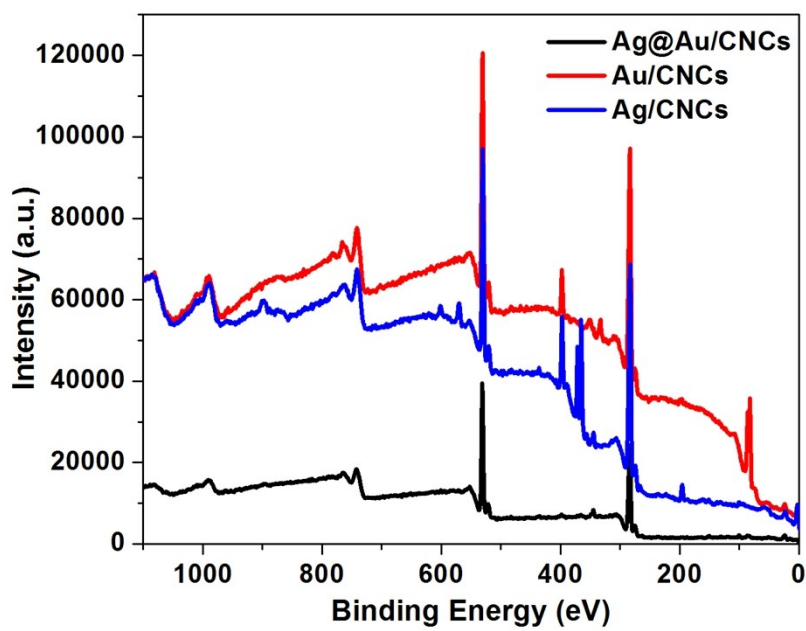


Fig. S2. XPS survey spectra of Ag/CNCs, Au/CNCs and Ag@Au/CNCs.

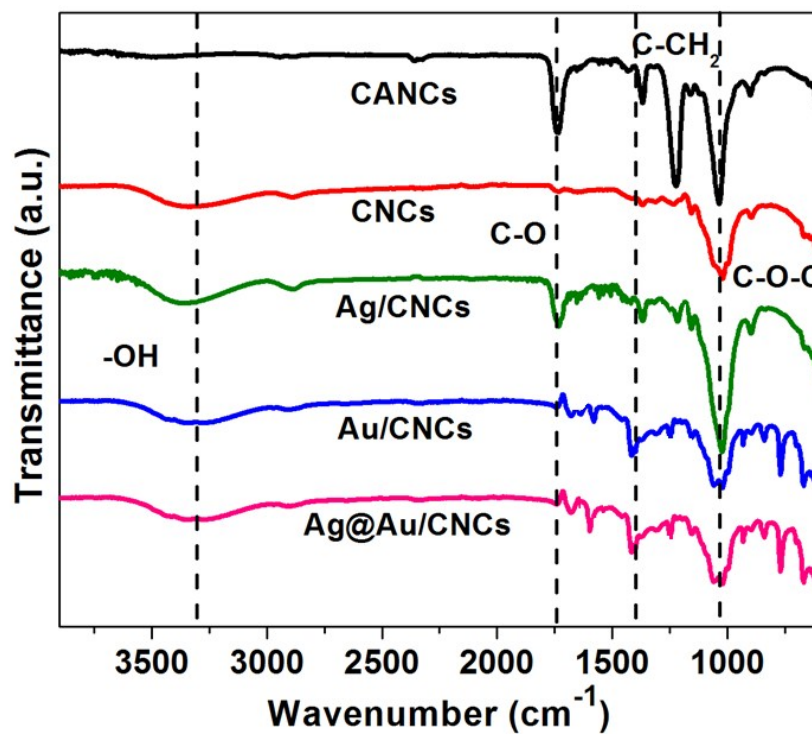


Fig. S3. FT-IR spectra of cellulose acetate nanofibers (CANFs), regenerated cellulose nanofibers (CNCs), Ag/CNCs, Au/CNCs and Ag@Au/CNCs.

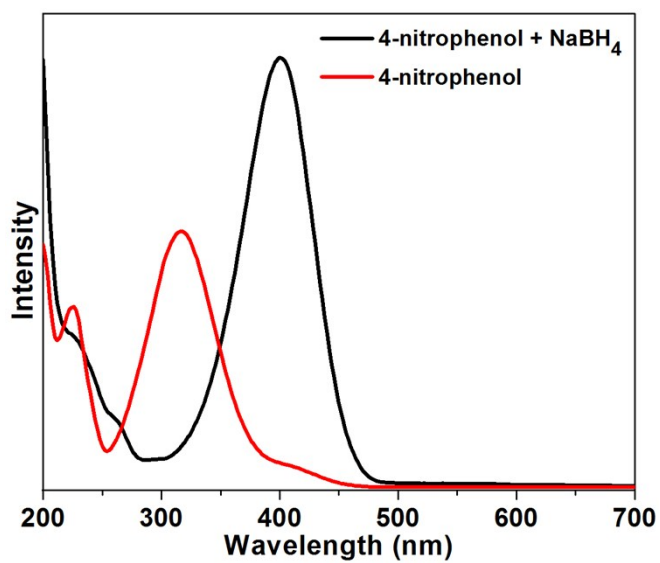


Fig. S4. UV-vis spectra of 4-nitrophenol in the presence and absence of NaBH₄.

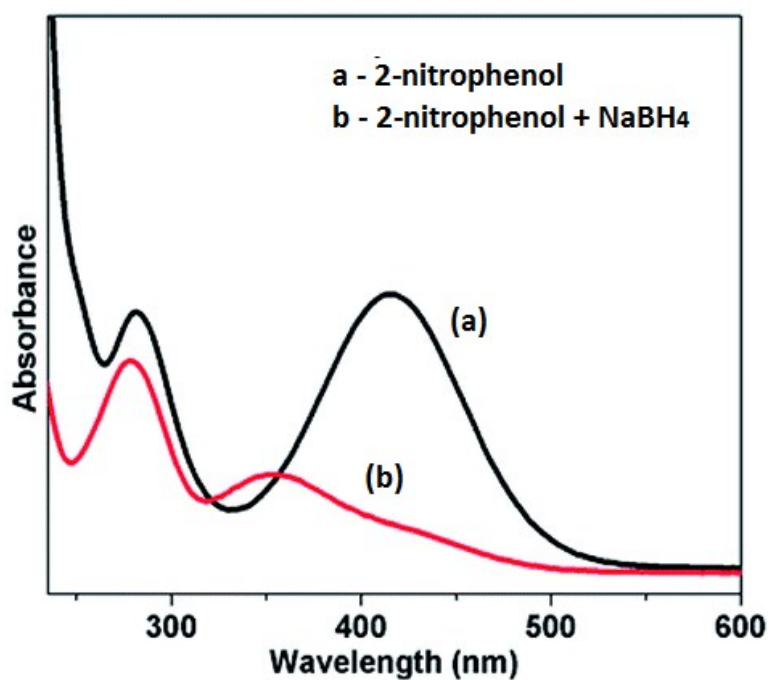


Fig. S5. UV-vis spectra of 2-nitrophenol in the presence and absence of NaBH₄.

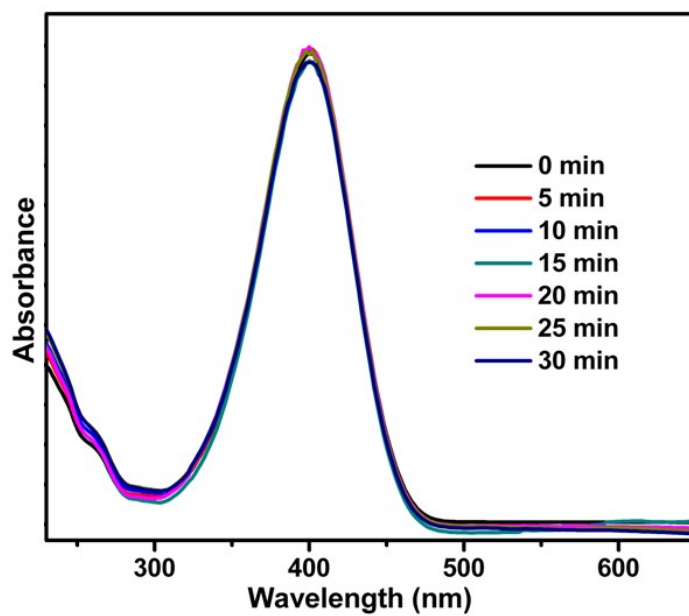


Fig. S6. UV-vis spectra of time dependent reduction process of 4-nitrophenol in the presence of NaBH₄ by regenerated cellulose nanofibers.