

## Supporting Information

**Facile Fabrication of Multifunctional Aramid Nanofiber-based Composite Paper**

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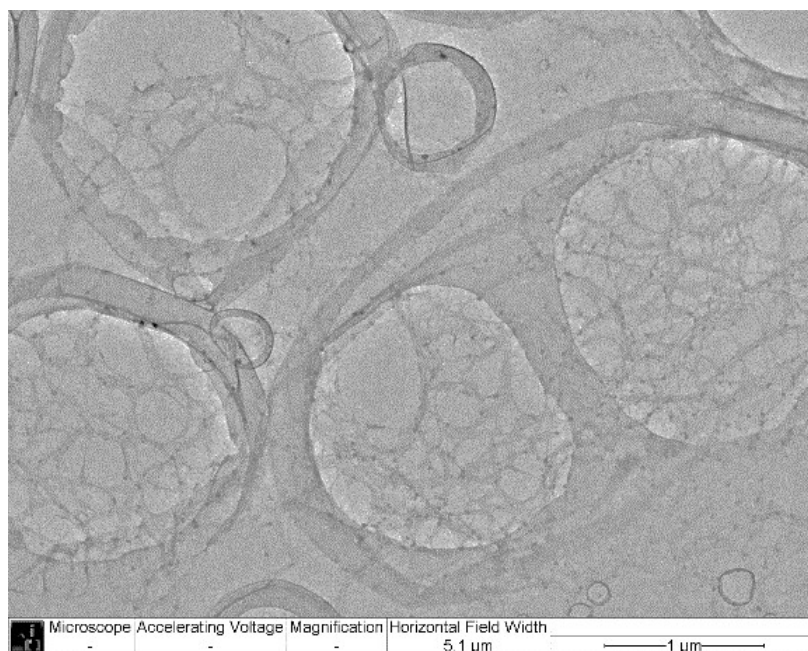


Figure S1. TEM images of ANFs .

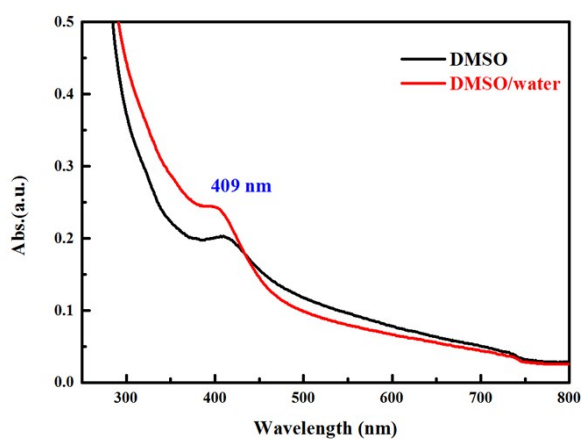


Figure S2. UV-Vis spectra of DMSO and DMSO/water-reduced Ag NPs dispersions.

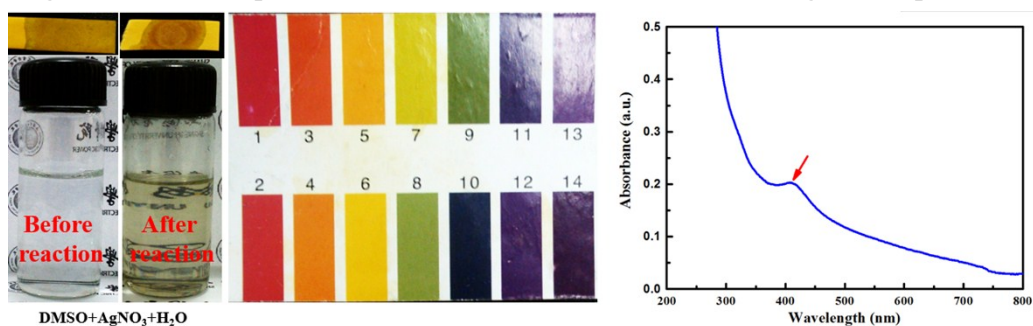


Figure S3. Photographs of  $\text{AgNO}_3$  in DMSO/water mixed solvent and the change of pH of before and after reaction.

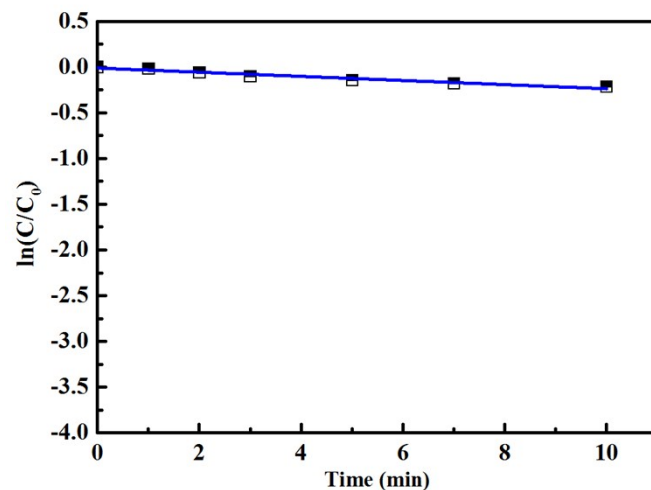


Figure S4. Catalytic kinetic curve for or single  $\text{NaBH}_4$  and 4-NP without Ag/ANFs composites

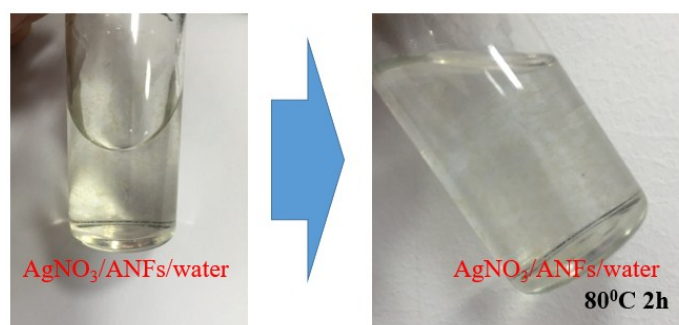


Figure S5. Photograph of  $\text{AgNO}_3/\text{ANFs}/\text{water}$  dispersion before and after reaction

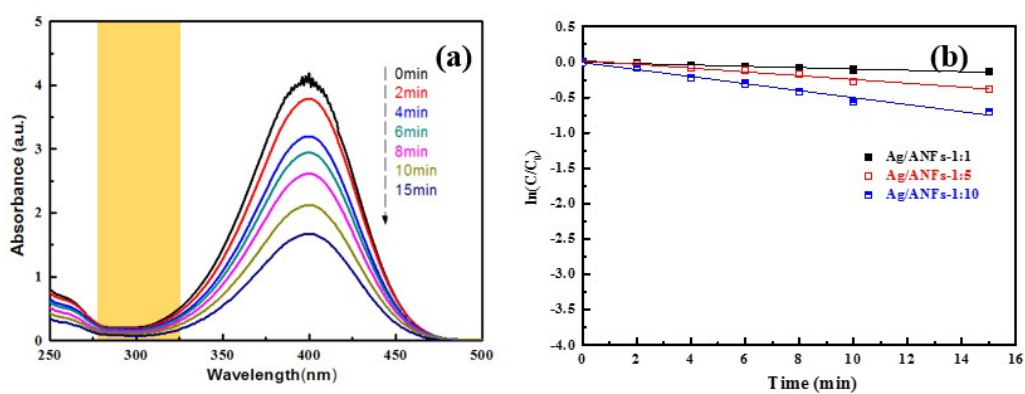
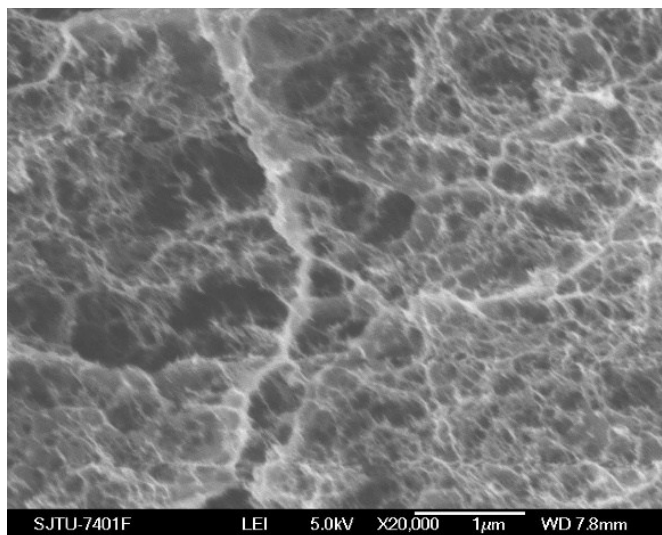


Figure S6. (a) UV-Vis adsorption spectra of Ag/ANFs-1:10 composite paper for 4-NP and (b) The kinetic curves for Ag/ANFs-1:10 composite paper for absorption of 4-NP



**Figure S7. SEM image of freeze-dried ANF paper.**