

## Supporting Information

*for*

### **Cellulose Nanocrystal/Silver (CNC/Ag) Thin-film Nanocomposite Nanofiltration Membranes with Multifunctional Properties**

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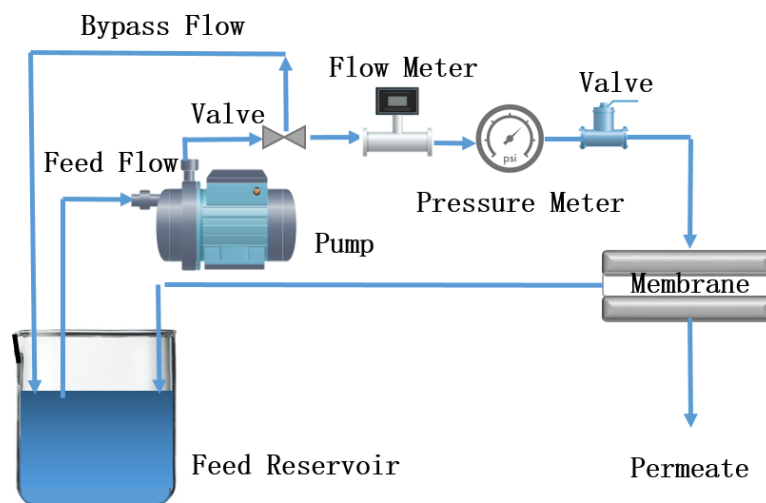
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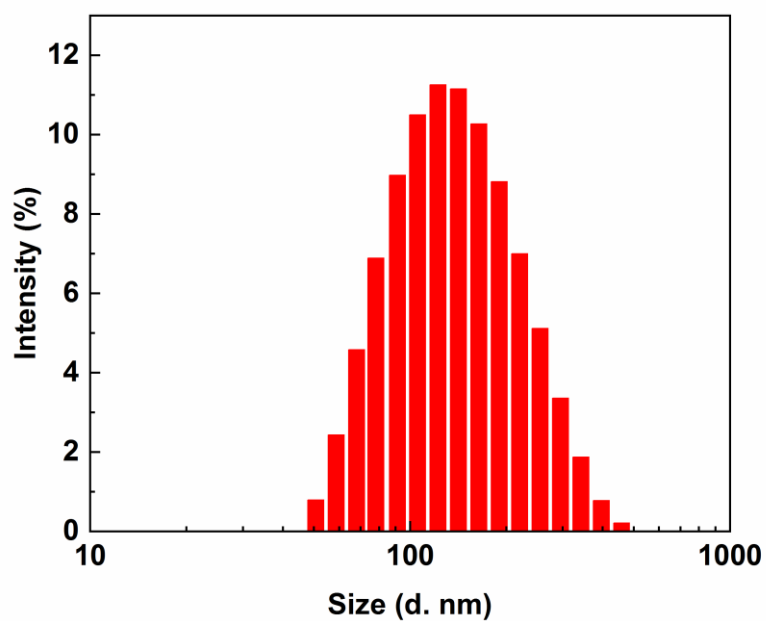
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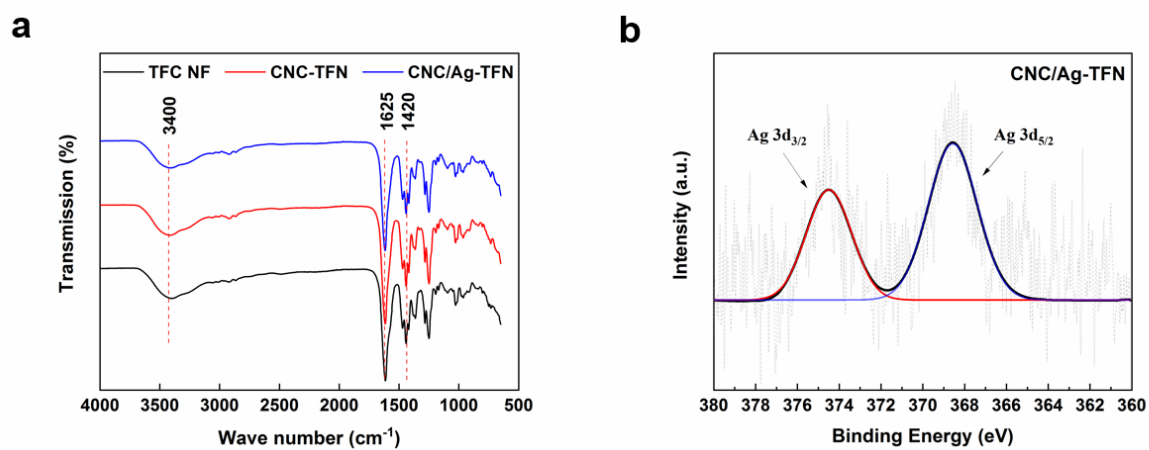
## Supporting Figures



**Figure S1.** Schematic of cross-flow system used in this study.



**Figure S2.** Size distribution of CNCs. Measured by Malvern Zetasizer Nano ZS (Malvern Instruments Ltd, Malvern, UK).



**Figure S3.** (a) FT-IR and (b) Ag 3d XPS spectrum for CNC/Ag TFN membrane.