## **Supplementary Information**

## Photonic welding of Ultra-long Copper Nanowire Network for Flexible Transparent Electrodes using White Flash Light Sintering

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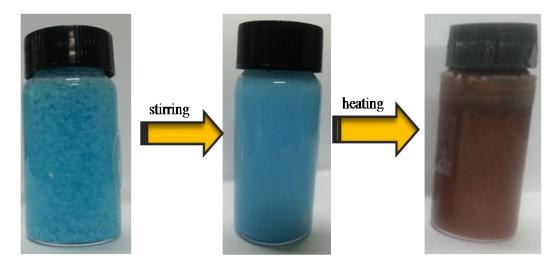
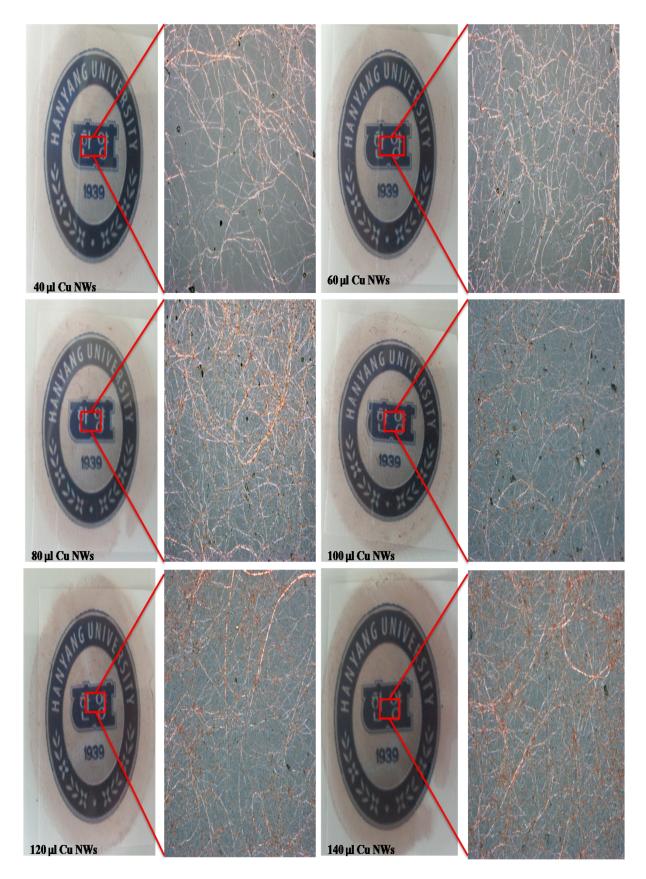


Figure S1: The color changes in the fabrication process of Cu NWs synthesis.



**Figure S2:** The optical microscopy images of different concentration of Cu NW ink printed on PET substrate.