

Supplementary Information for

Ni-core CuO-shell Fibers Produced by Electrospinning and Electroplating as Efficient Photocathode Materials for Solar Water Splitting

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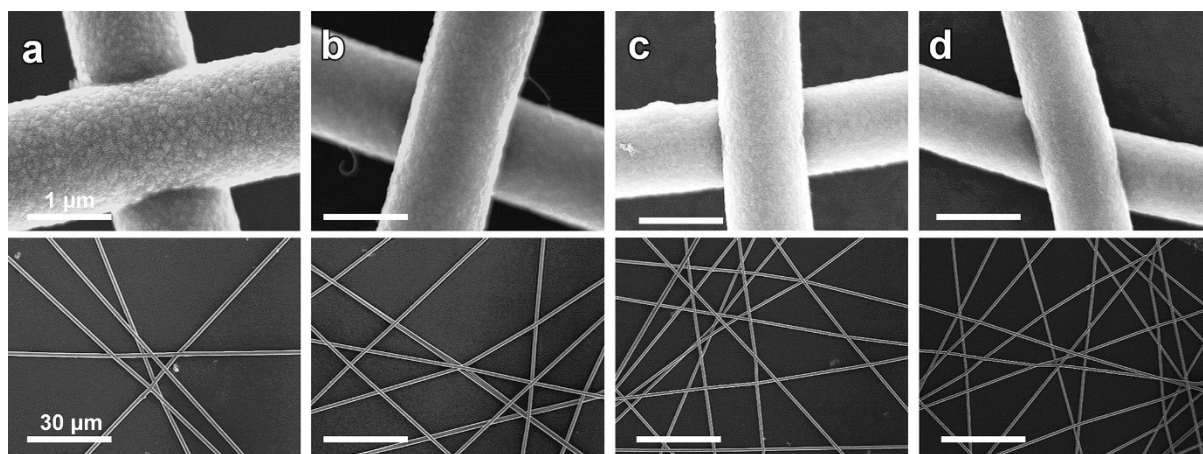


Figure S1. Top-view SEM images of the Ni fibers produced using electrospinning times of (a) 5, (b) 10, (c) 20, and (d) 30 s. The electroplating time was fixed at 10 s under 6 V applied voltage. Less Ni deposition per unit area is apparent for cases with longer electrospinning times.

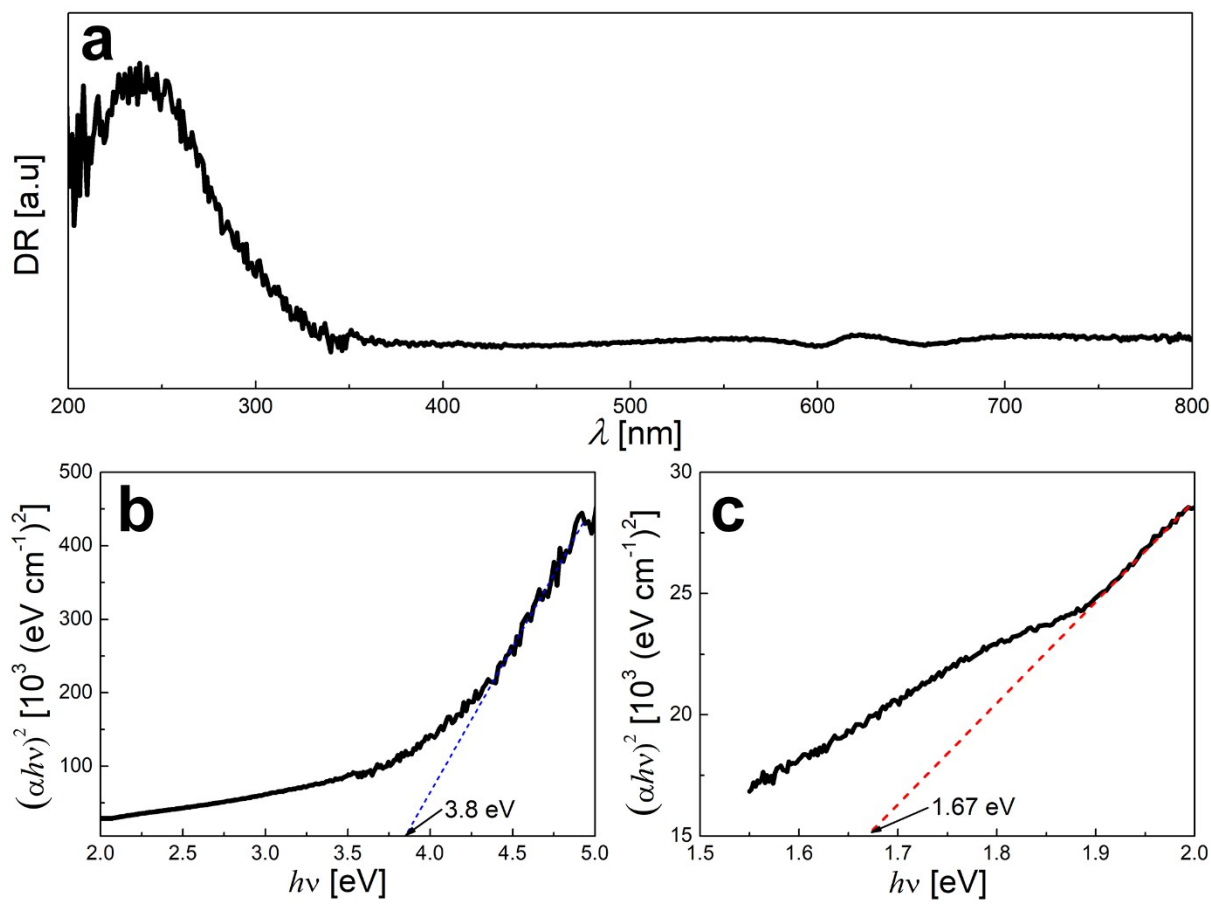


Figure S2. (a) The diffusediffuse reflectance (DR) versus wavelength from 200 to 800 nm. Tauc plots from DR-UV-VIS analysis at (b) region from 2.0 to 5.0 eV and (c) from 1.5 to 2.0 eV.

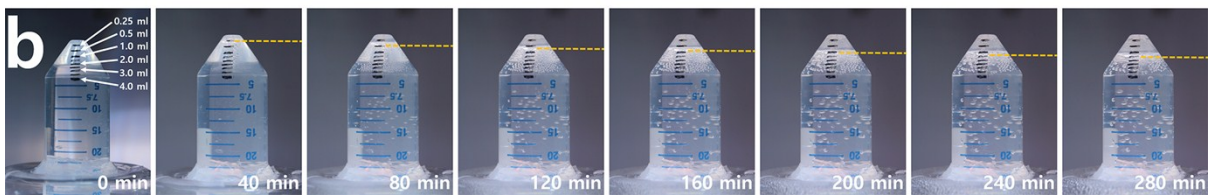
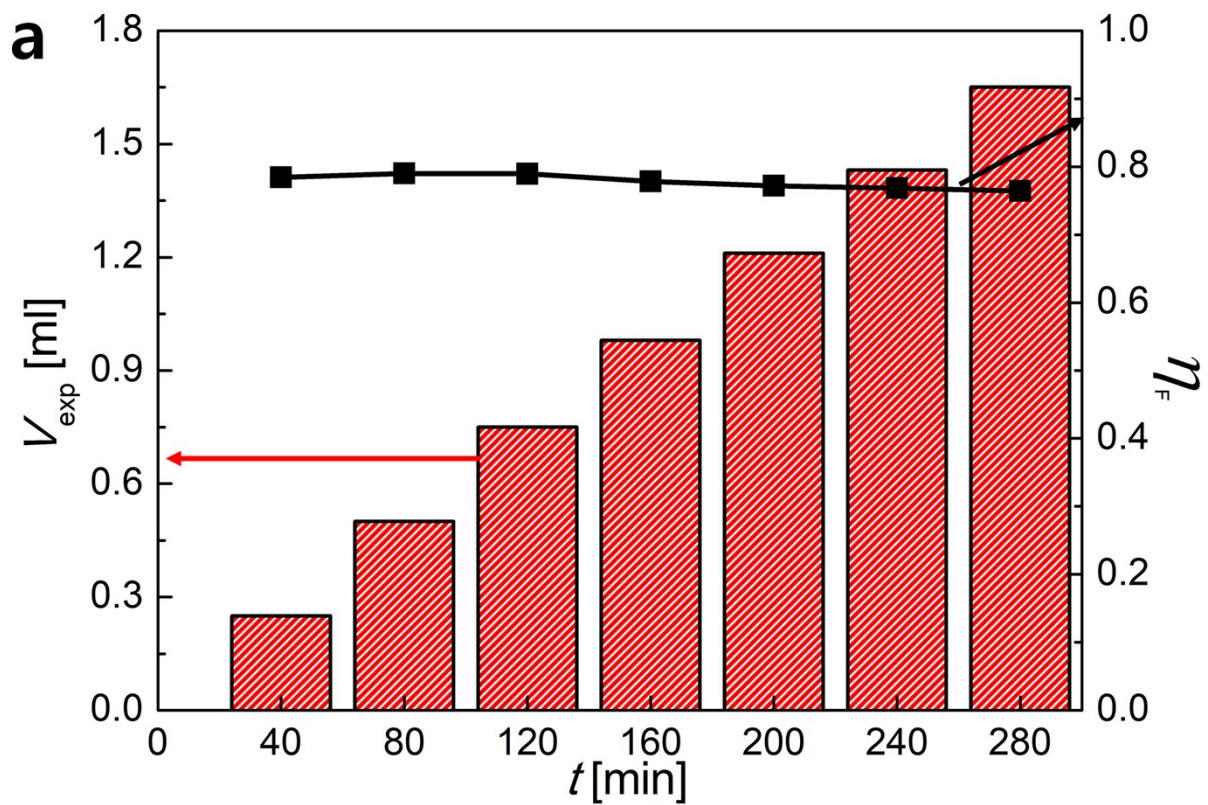


Figure S2. (a) V_{exp} and η_F versus t from 0 to 280 min and (b) the photos of V_{exp} corresponding t from 0 to 280 min.