

Article

Fabrication of Zn-Cu-Ni Ternary Oxides in Nanoarrays for Photo-Enhanced Pseudocapacitive Charge Storage

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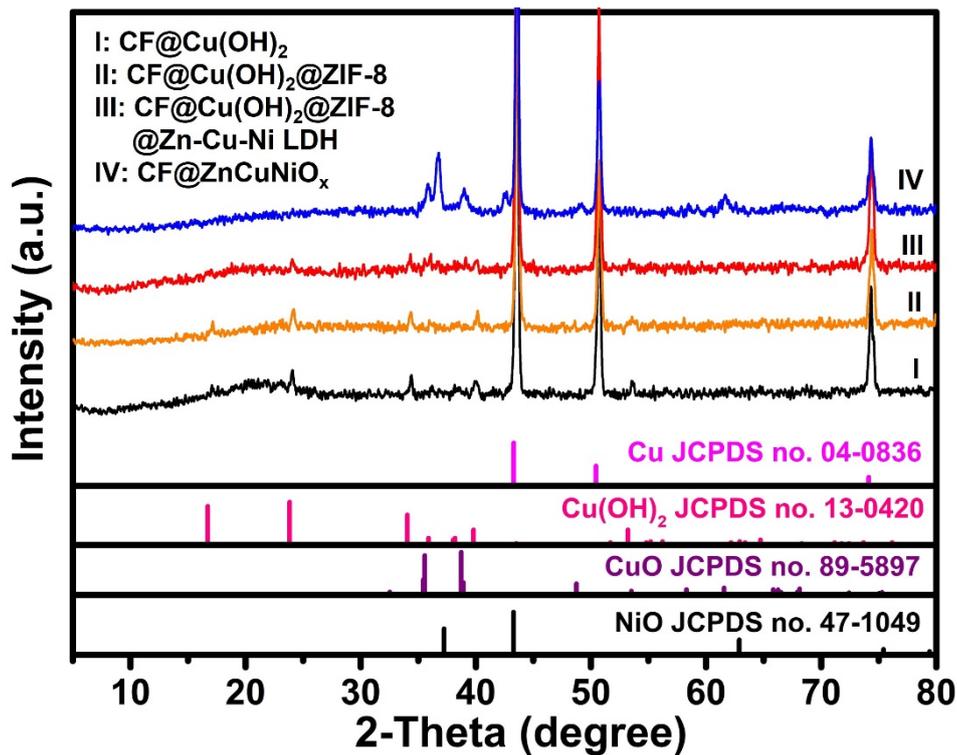


Figure S1. XRD patterns of CF@Cu(OH)₂, CF@Cu(OH)₂@ZIF-8, CF@Cu(OH)₂@ZIF-8@Zn-Cu-Ni LDH, and CF@ZnCuNiO_x samples, respectively.

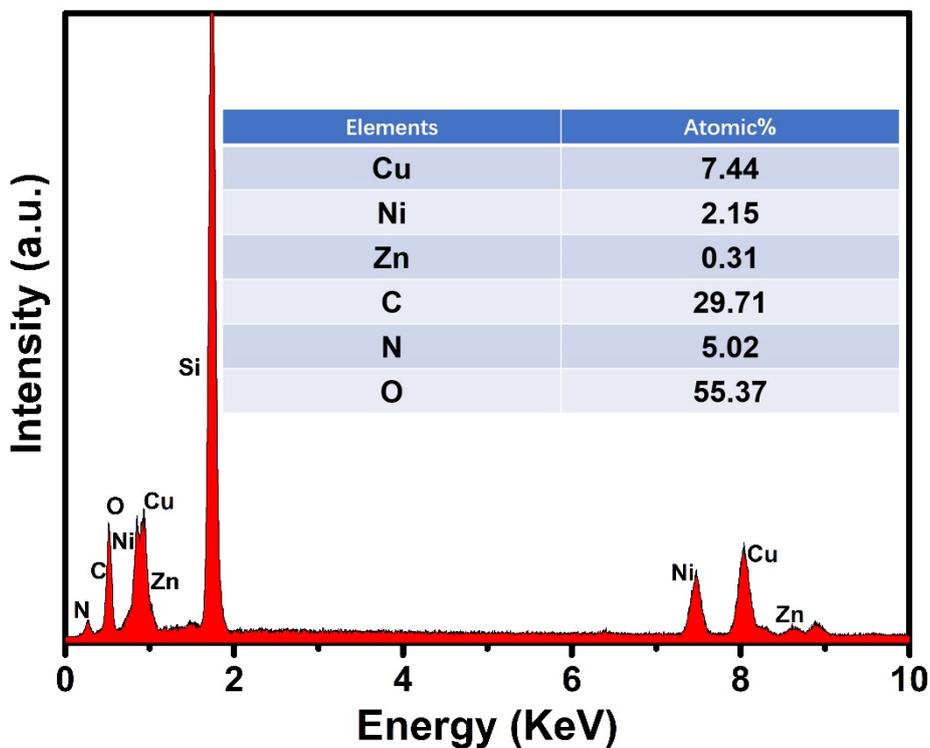


Figure S2. EDX spectrum of the Zn-Cu-Ni MMOs structure.

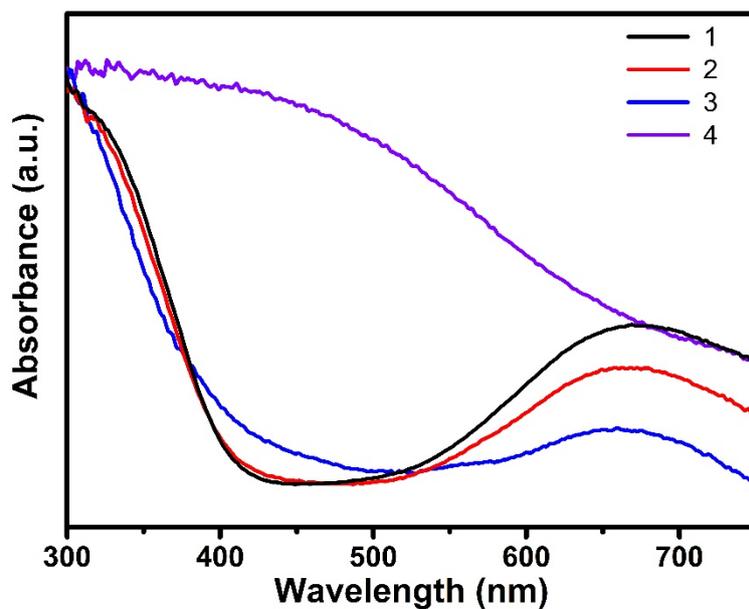


Figure S3. UV-vis DRS spectra (from curve 1 to 4) of the CF@Cu(OH)₂, CF@Cu(OH)₂@ZIF-8, CF@Cu(OH)₂@ZIF-8@Zn-Cu-Ni LDH, and CF@ZnCuNiO_x samples, respectively.

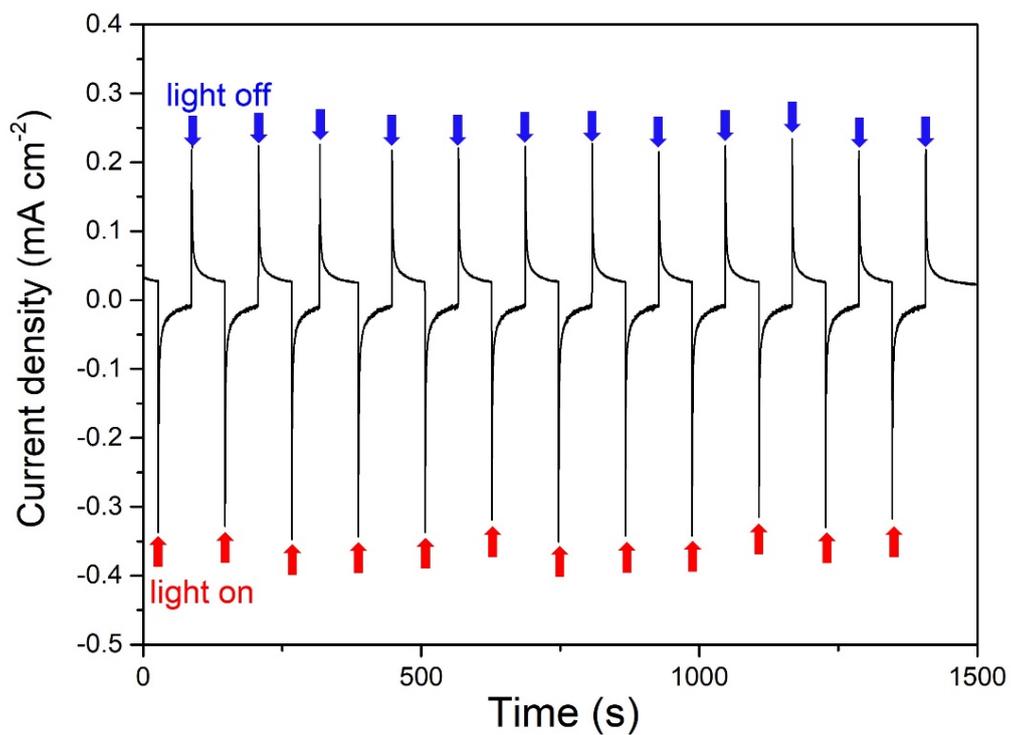


Figure S4. Photocurrent response recorded with chopped light irradiation (60 s interval) at an open circuit potential.



Figure S5. A photo of the three-electrode installation under light illumination with a circulating cooling water.

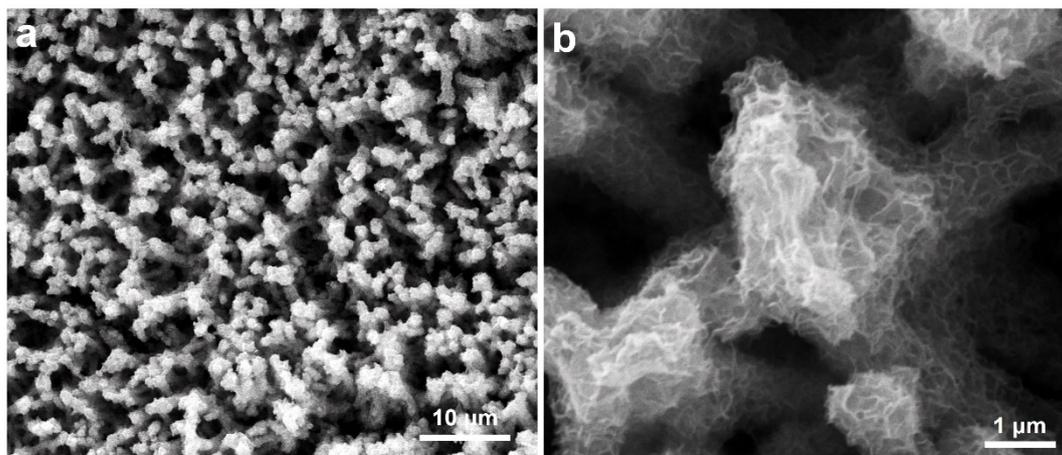


Figure S6. SEM images (a,b) of the CF@ZnCuNiO_x NAs after the light on/off cycling test of Figure 6c.