

Article

Fabrication of Bimetallic Oxides (MCo_2O_4 : $\text{M}=\text{Cu}$, Mn) on Ordered Microchannel Electro-Conductive Plate for High-Performance Hybrid Supercapacitors

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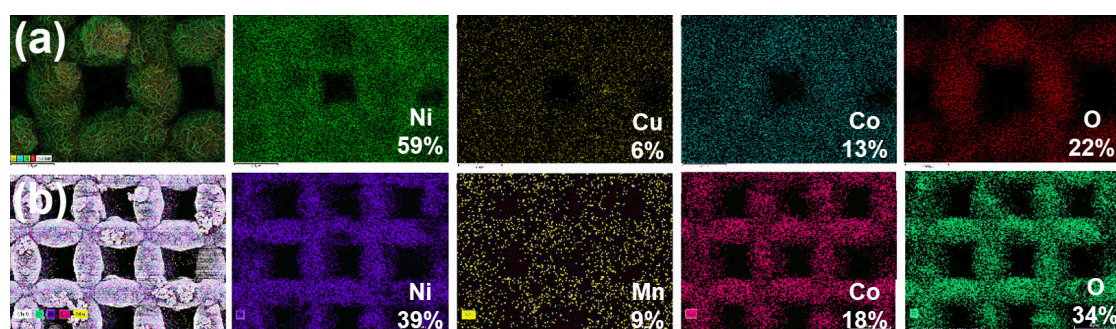


Figure S1. SEM mappings of (a) the CuCo_2O_4 /OMEPE electrode; (b) the MnCo_2O_4 /OMEPE electrode.

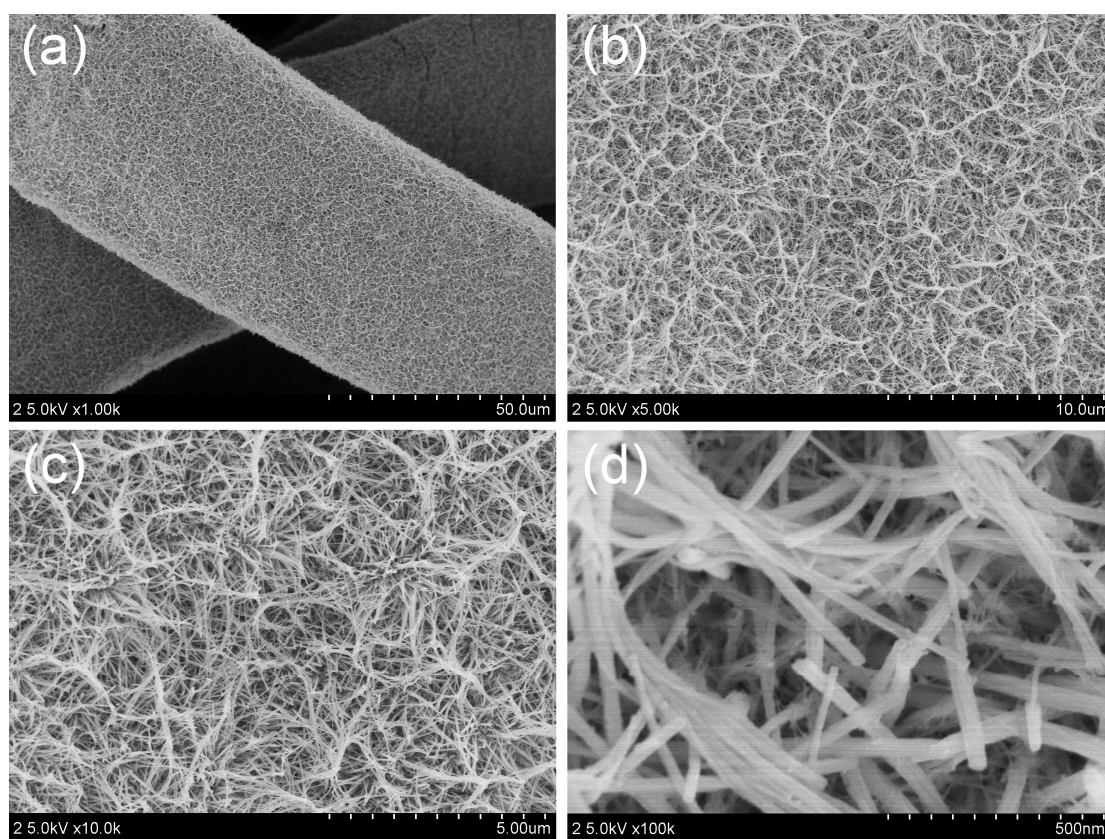


Figure S2. SEM images: (a–d) CuCo₂O₄ nanostructures fabricated on nickel foam with different magnification.

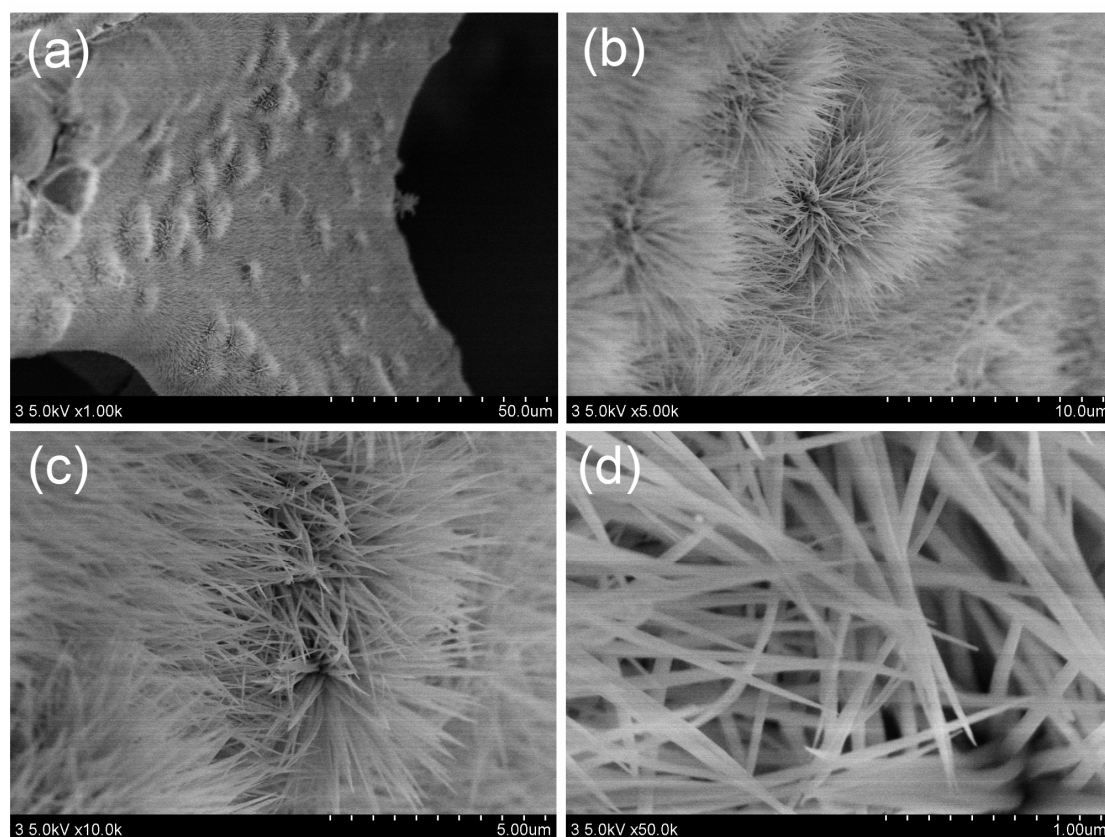


Figure S3. SEM images: (a–d) MnCo₂O₄ nanostructures fabricated on nickel foam with different magnification.

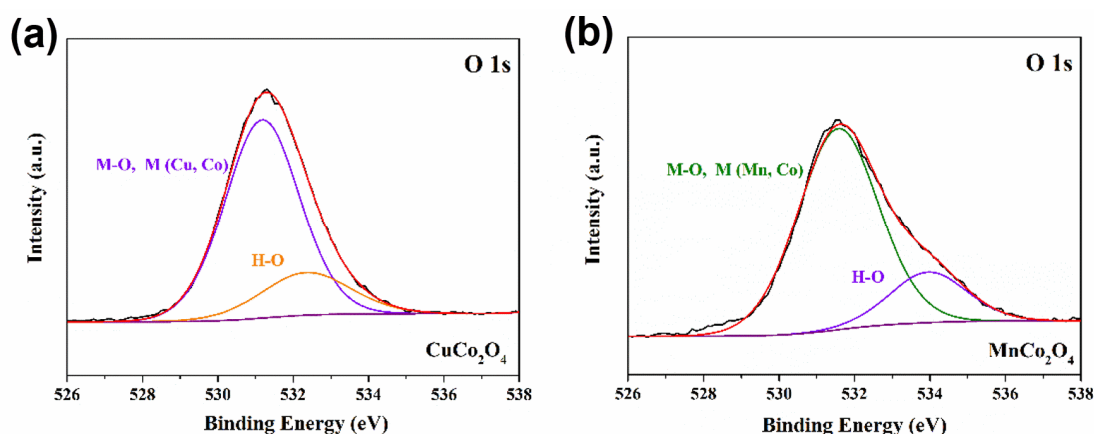


Figure S4. XRD patterns of O 1s for (a) $\text{CuCo}_2\text{O}_4/\text{OMEF}$ and (b) $\text{MnCo}_2\text{O}_4/\text{OMEF}$.

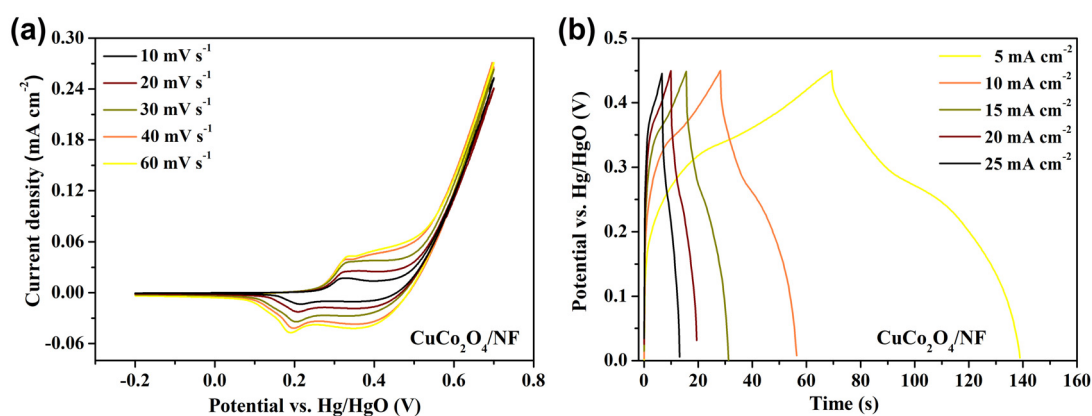


Figure S5. (a) CV curves of $\text{CuCo}_2\text{O}_4/\text{NF}$ at different scanning rates and (b) charging–discharging curves of $\text{CuCo}_2\text{O}_4/\text{NF}$ at different current densities after activation.

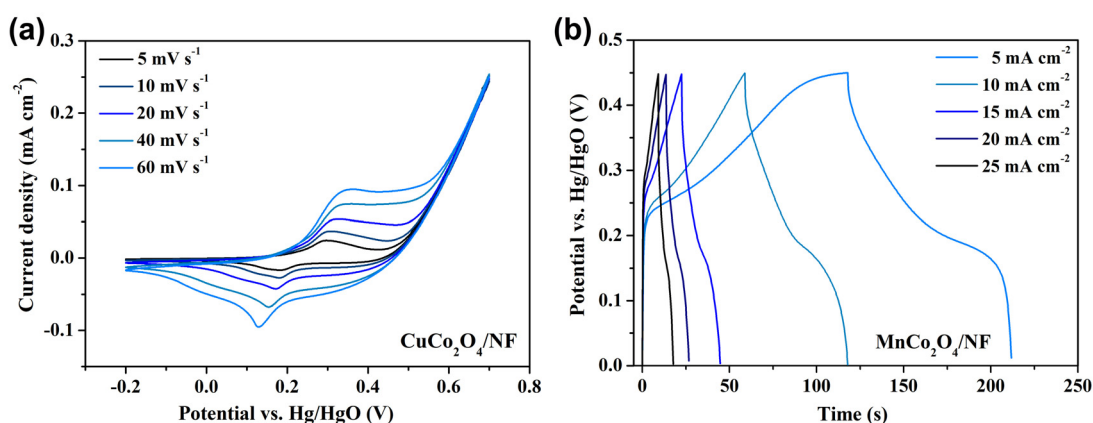


Figure S6. (a) CV curves of $\text{MnCo}_2\text{O}_4/\text{NF}$ at different scanning rates and (b) charging–discharging curves of $\text{MnCo}_2\text{O}_4/\text{NF}$ at different current densities after activation.

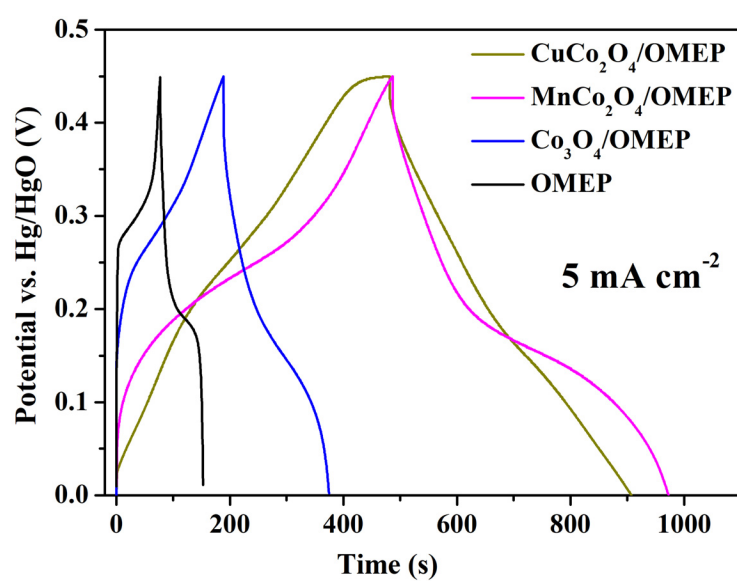


Figure S7. charge–discharge curves of the newly fabricated OMEP, Co₃O₄/NF, CuCo₂O₄/OMEP and MnCo₂O₄/OMEP electrode at a current density of 5 mA cm⁻².