

In situ confined vertical growth of a 1D-CuCo₂S₄ nanoarray on Ni foam covered by a 3D-PANI mesh layer to form a self-supporting hierarchical structure for high-efficiency oxygen evolution catalysis

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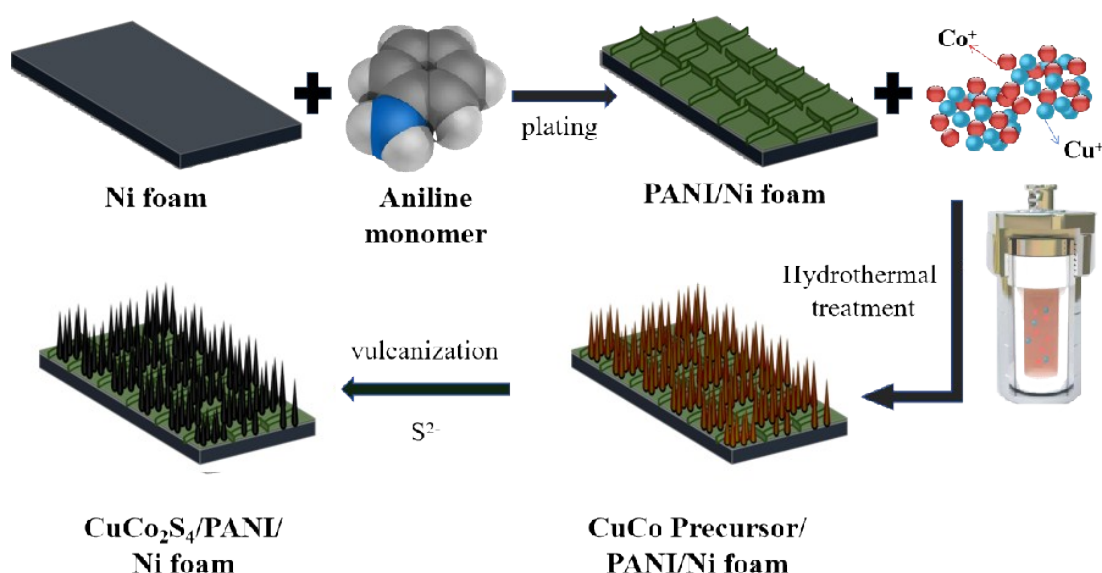


Figure S1. The synthesis mechanism of self-supporting CuCo₂S₄/PANI/NF

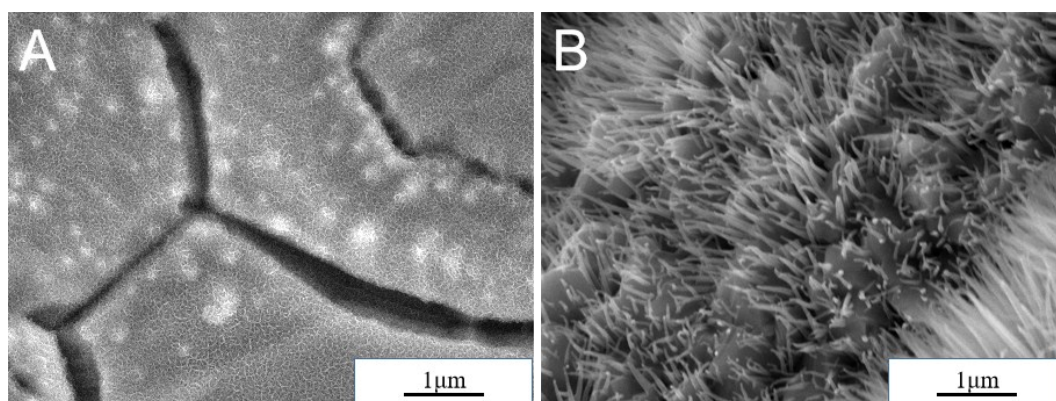


Figure S2. SEM images of PANI/NF(A) and CuCo₂S₄/PANI/NF(B)

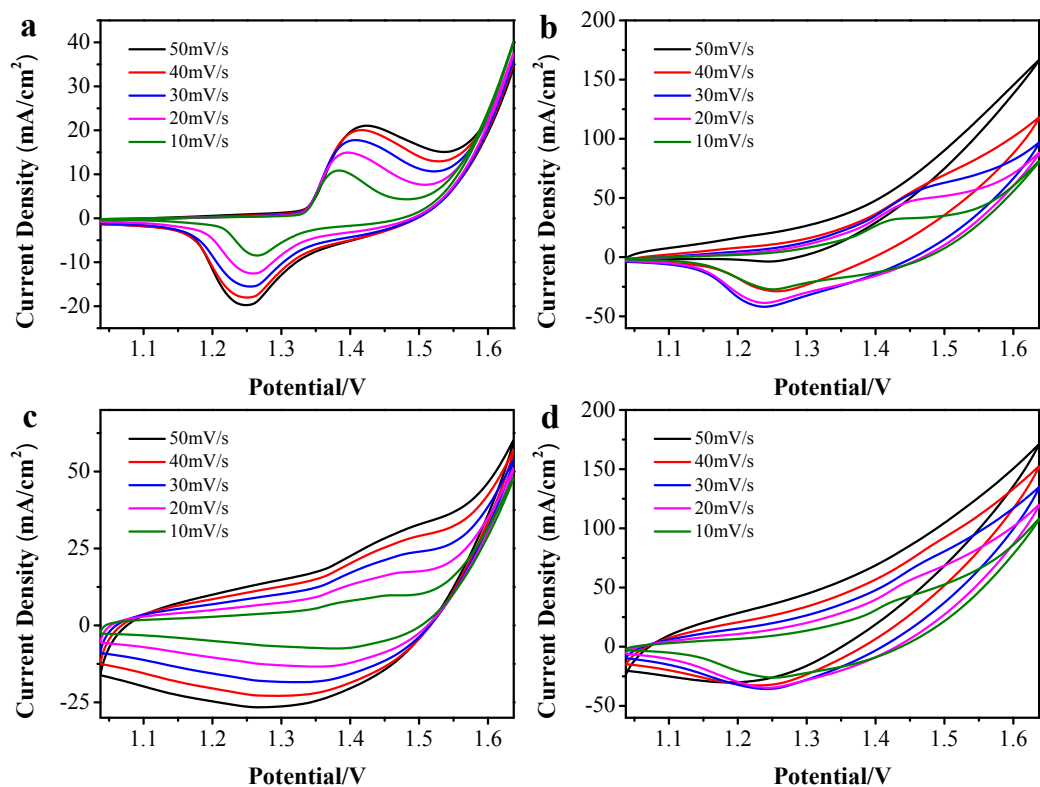


Figure S3. CV curves at different scan rates: PANI/NF(a), CuCo₂S₄/NF(b), CuCo₂O₄/PANI/CF(c), CuCo₂S₄/PANI/CF(d)

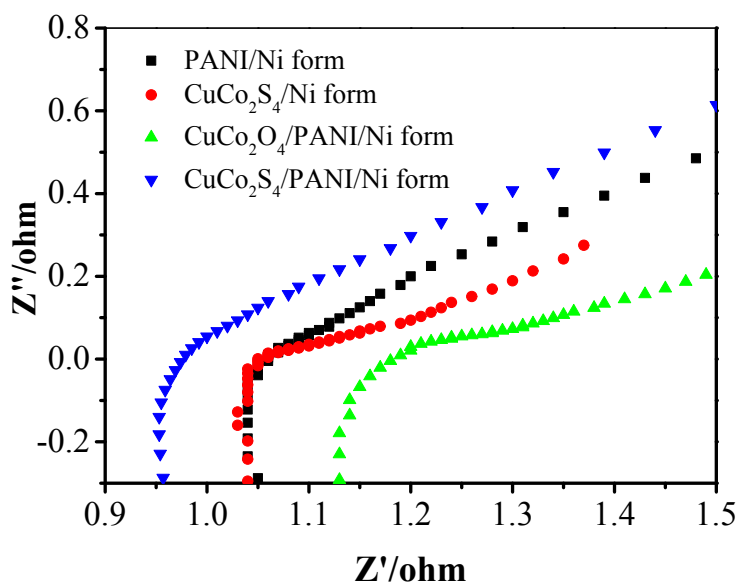


Figure S4. Nyquist plots of as-prepared samples