

Supporting Information

In-situ Grown CoS on Nickel Foam Pre-deposited with Sulphur as Efficient OER Electrocatalyst

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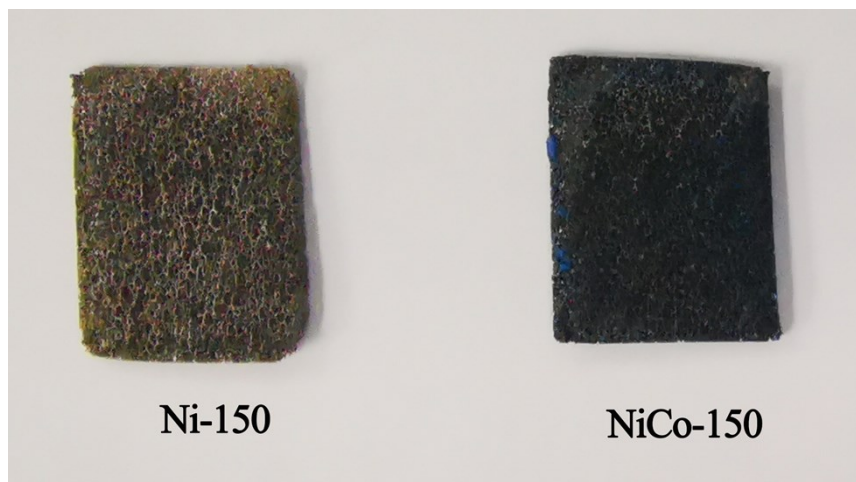
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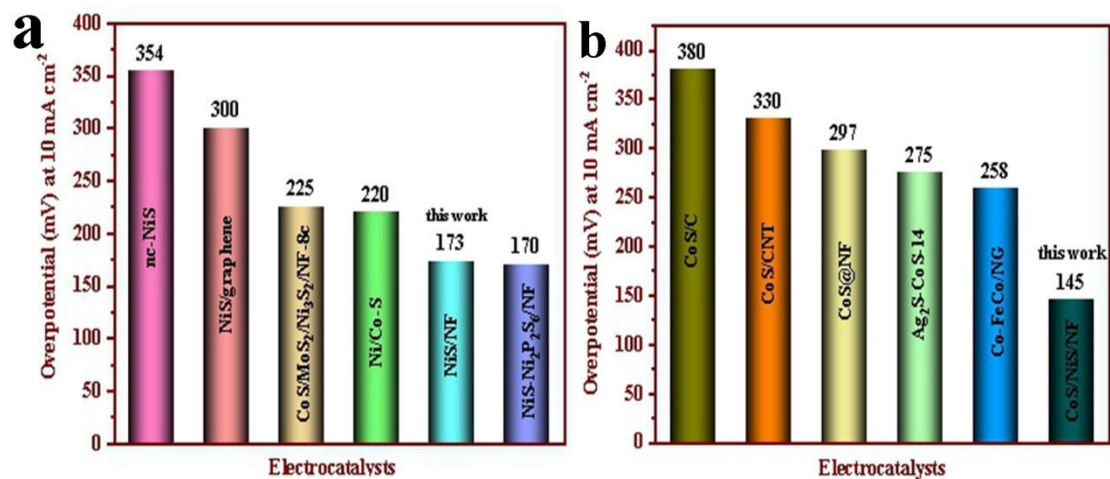
1. Supplementary Figures

Supplementary Figure S1



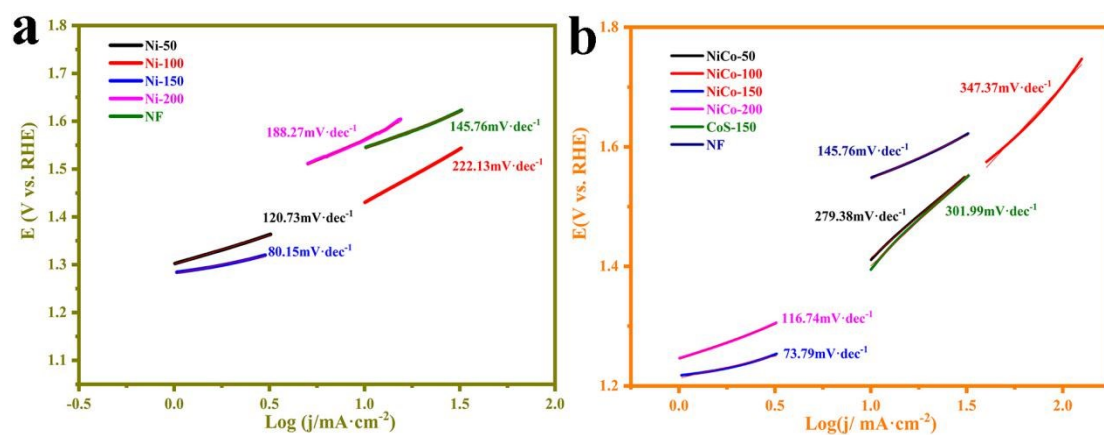
Supplementary Figure S1. Comparison of sample color before and after electrodeposition

Supplementary Figure S2



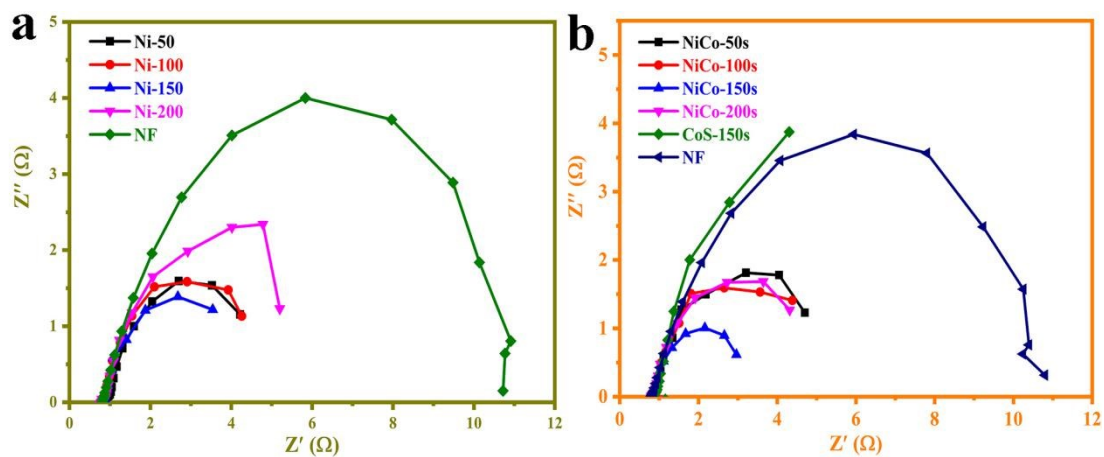
Supplementary Figure S2. Comparison of OER overpotentials of some Ni-based catalysts (a), Comparison of OER overpotentials of some Co-based catalysts (b).

Supplementary Figure S3



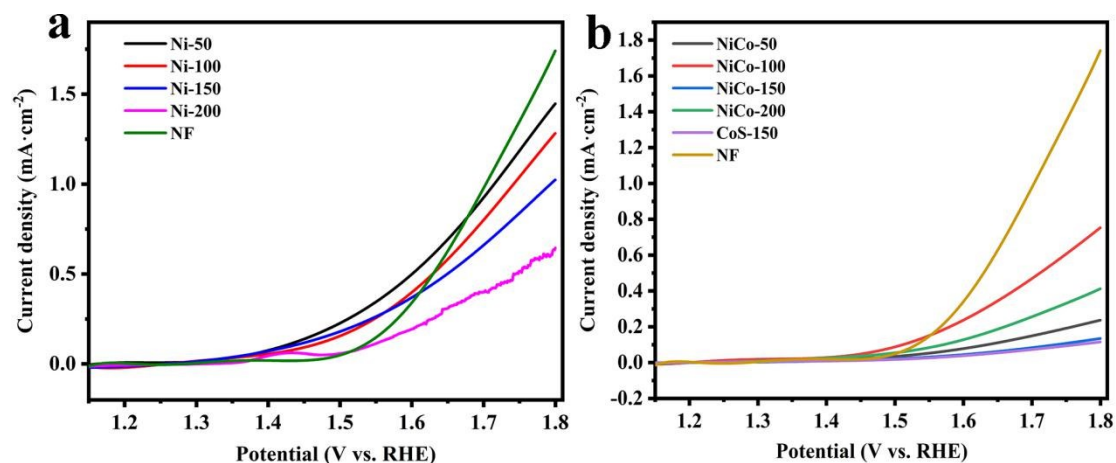
Supplementary Figure S3. Tafel slope of Ni-x samples (a) and Tafel slope of NiCo-y samples (b).

Supplementary Figure S4



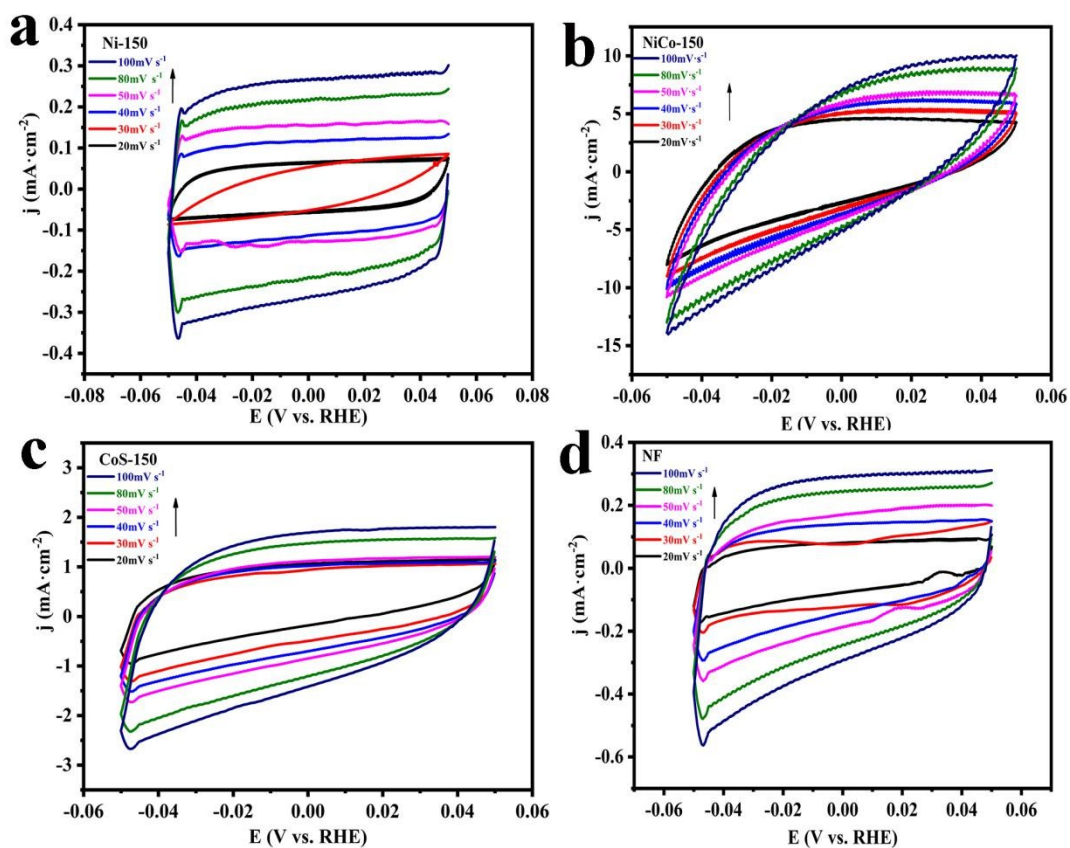
Supplementary Figure S4. Nyquist of Ni-x samples (a) and Nyquist of NiCo-y samples (b).

Supplementary Figure S5



Supplementary Figure S5. Ni-x LSV normalization (a) and NiCo-y LSV normalization (b).

Supplementary Figure S6



Supplementary Figure S6. CV curves of Ni-150 (a), CV curves of NiCo-150 (b), CV curves of CoS-150 (c) and CV curves of NF (d).