

Supplementary Materials

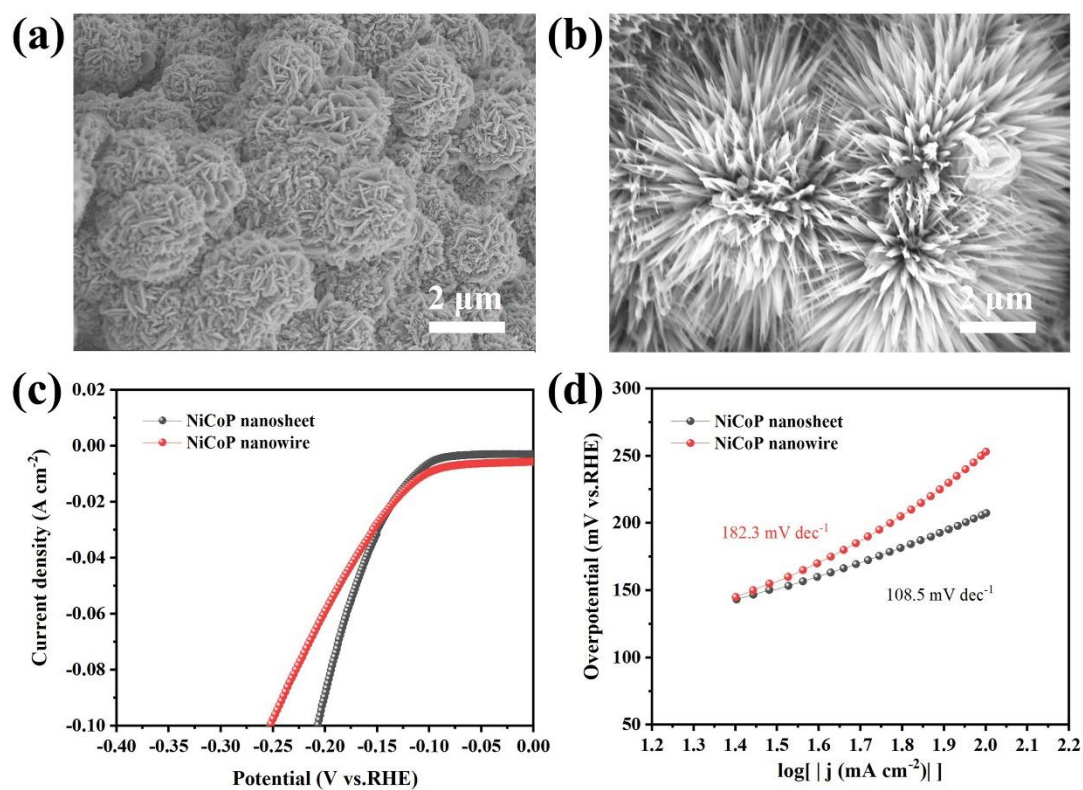


Figure S1. SEM images of a) NiCoP nanosheets and b) NiCoP nanowires. c) LSV curves and d) Tafel plots of NiCoP nanosheets and NiCoP nanowires.

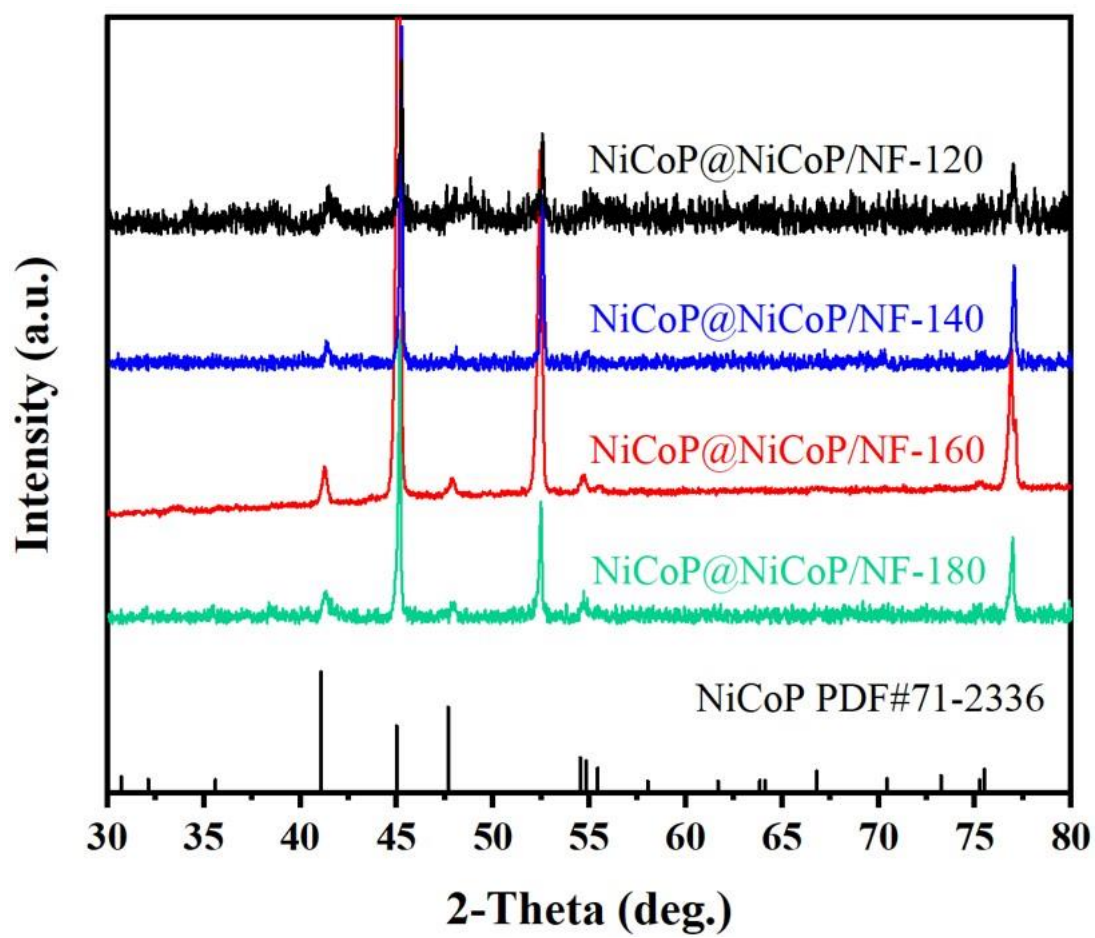


Figure S2. XRD spectra of NiCoP@NiCoP/NF-120, NiCoP@NiCoP/NF-140, NiCoP@NiCoP/NF-160 and NiCoP@NiCoP/NF-180.

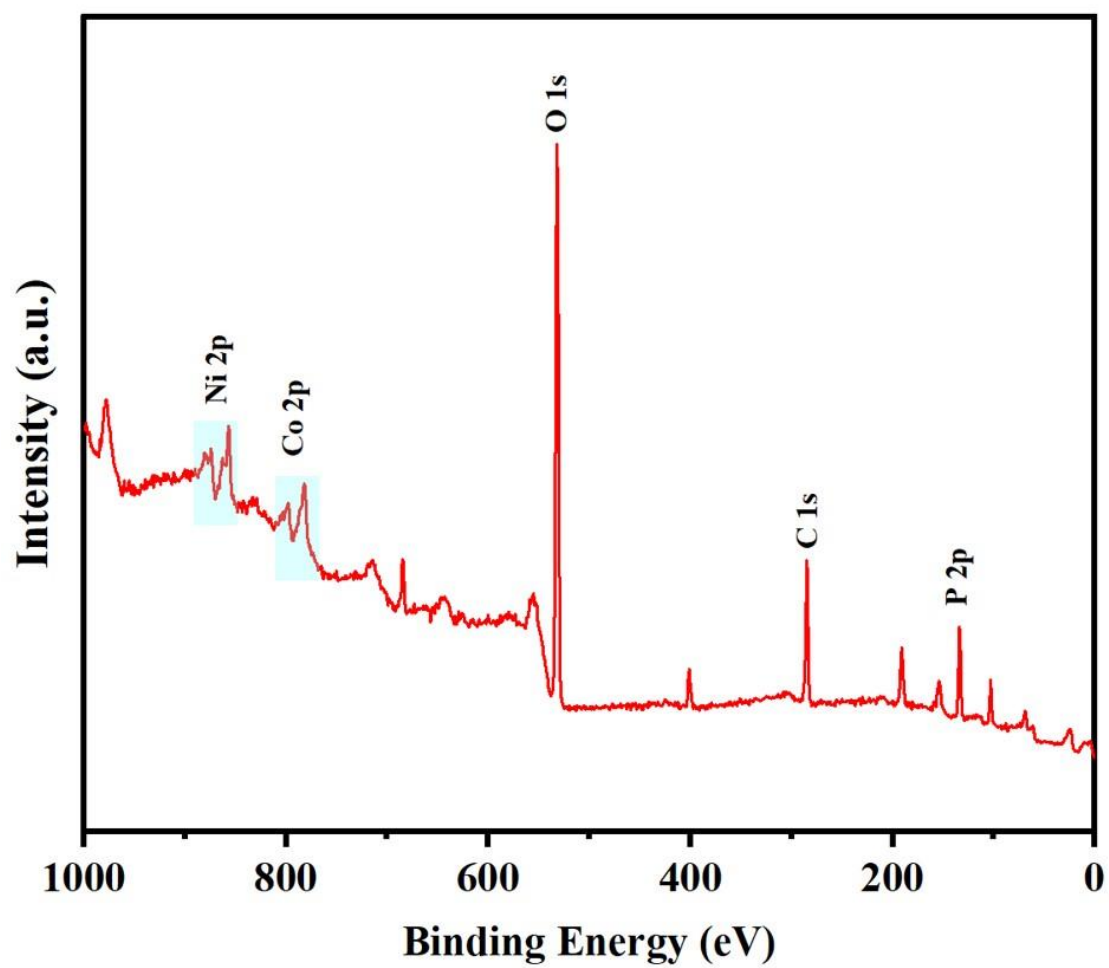


Figure S3. XPS survey spectra of NiCoP/NF.

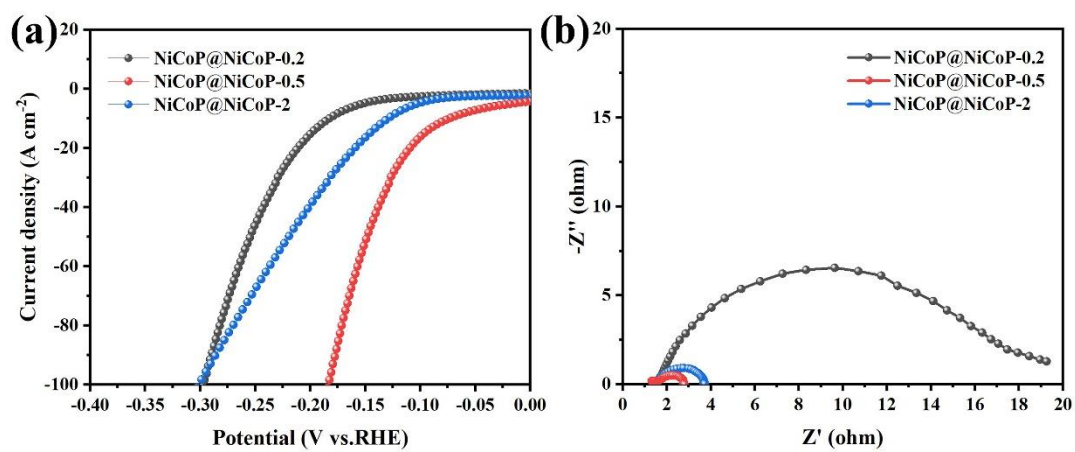


Figure S4. a) iR-corrected LSV polarization curves and b) EIS plot of NiCoP@NiCoP/NF-0.2, NiCoP@NiCoP/NF-0.5 and NiCoP@NiCoP/NF-2.

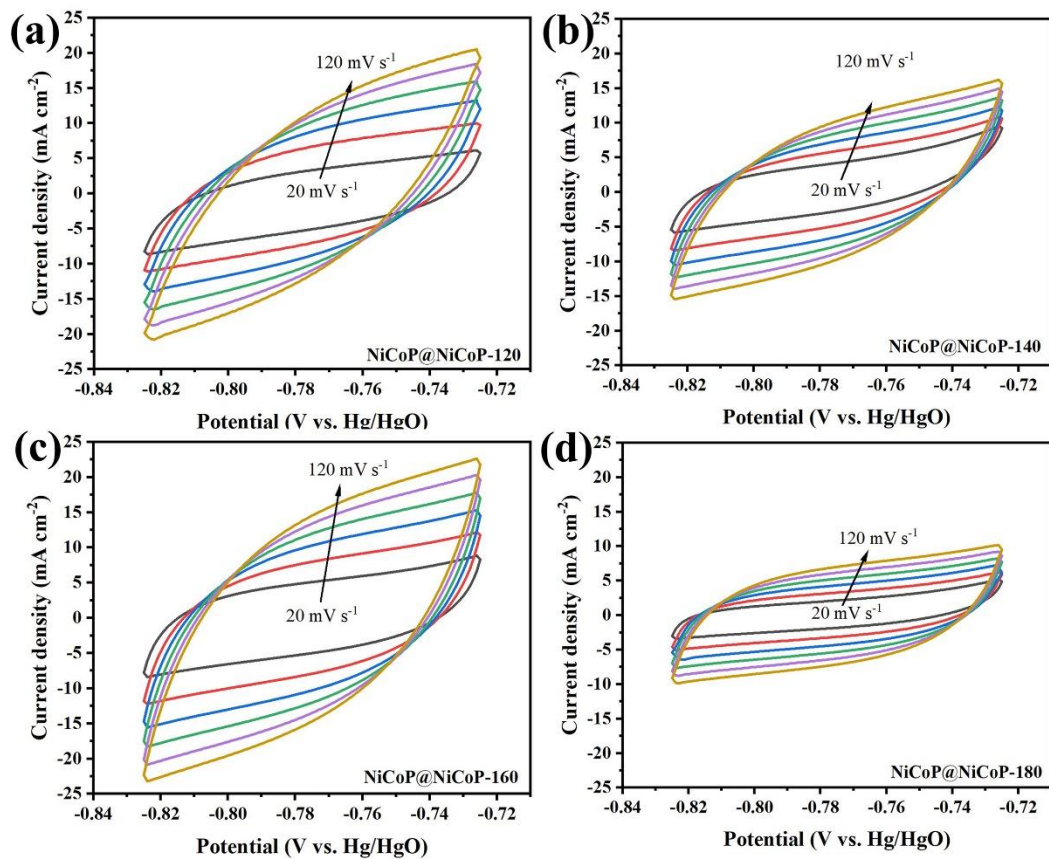


Figure S5. CV curves of a) $\text{NiCoP@NiCoP/NF-120}$, b) $\text{NiCoP@NiCoP/NF-140}$, c) $\text{NiCoP@NiCoP/NF-160}$ and d) $\text{NiCoP@NiCoP/NF-180}$.

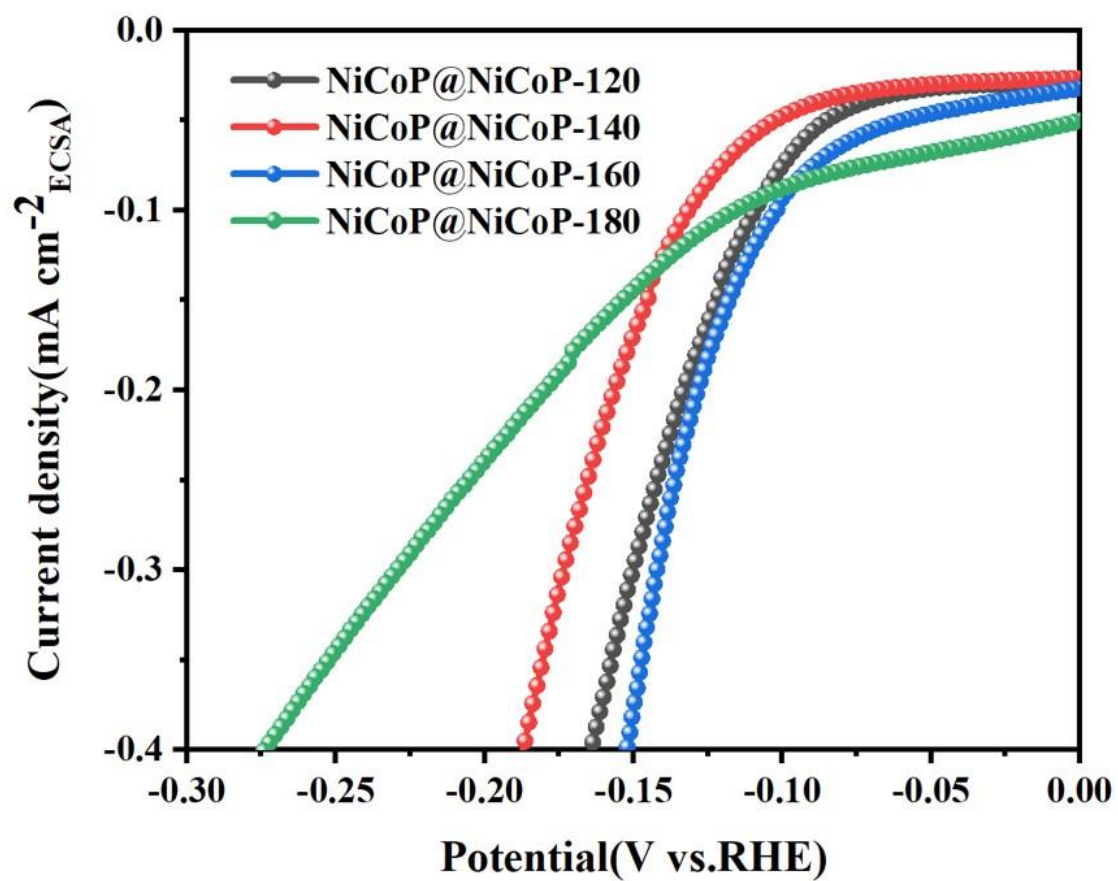


Figure S6. ECSA-normalized polarization curves of NiCoP@NiCoP/NF-120, NiCoP@NiCoP/NF-140, NiCoP@NiCoP/NF-160 and NiCoP@NiCoP/NF-180.

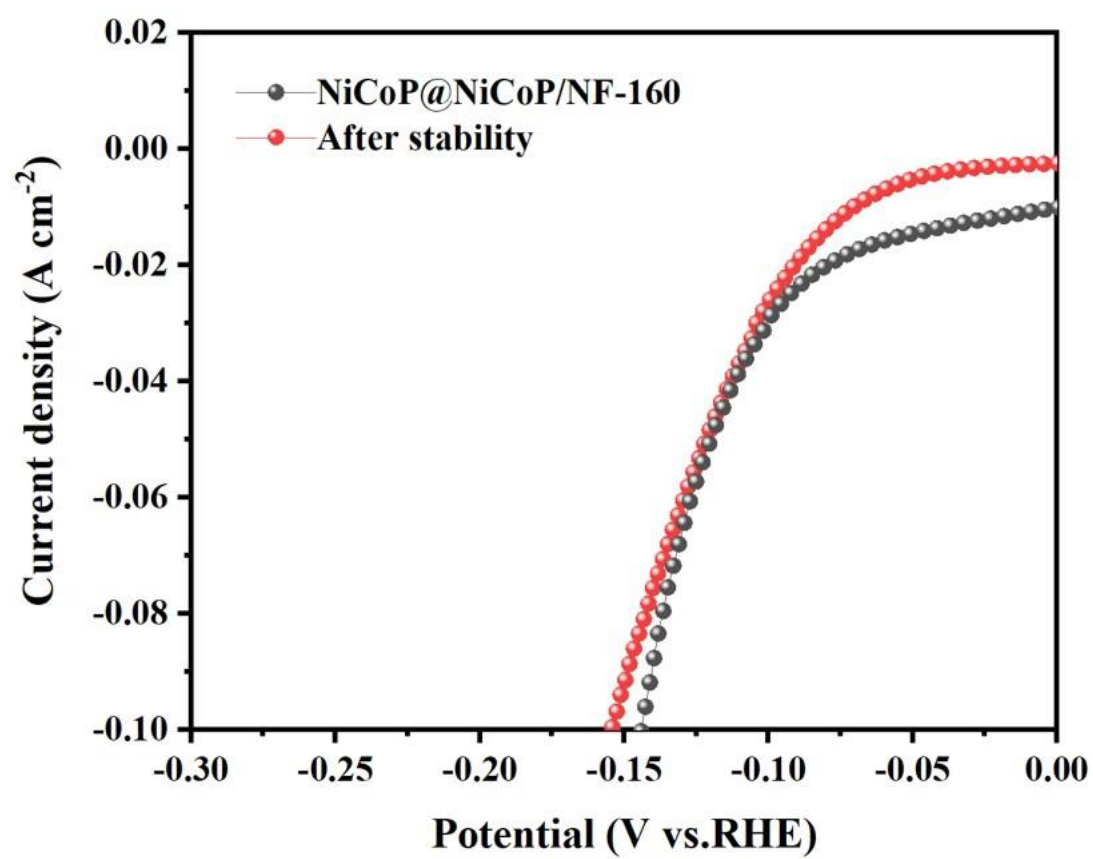


Figure S7. LSV curves of NiCoP@NiCoP/NF-160 before and after stability test.