Electronic Supplementary Information

In-situ growth of an Fe doped NiCo-MOF electrocatalyst from layered double hydroxide effectively enhances electrocatalytic oxygen evolution performance

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Figure S1: XRD patterns of a) NiCo-LDH/NF, b) Fe-NiCo-MOF/NF and NiCo-MOF/NF.
Figure S2: SEM image and EDX acquired from highlighted location of Fe-NiCo-MOF. Inset: table of elemental composition.
Figure S3: Electric double layer capacitance measurements of (a) Fe-NiCo-MOF/NF (b) NiCo-MOF/NF and (c) $C_{dl}$ calculations of Fe-NiCo-MOF/NF and NiCo-MOF/NF.
Figure S4: XRD patterns of Fe-NiCo-MOF/NF initial and after 5000 CV cycles
Figure S5: High-resolution O 1s XPS spectra of Fe-NiCo-MOF/NF before and after 5000 cycles.