

Supporting Information

**Co/Cu-modified NiO film grown on nickel foam as a highly active
and stable electrocatalyst for overall water splitting**

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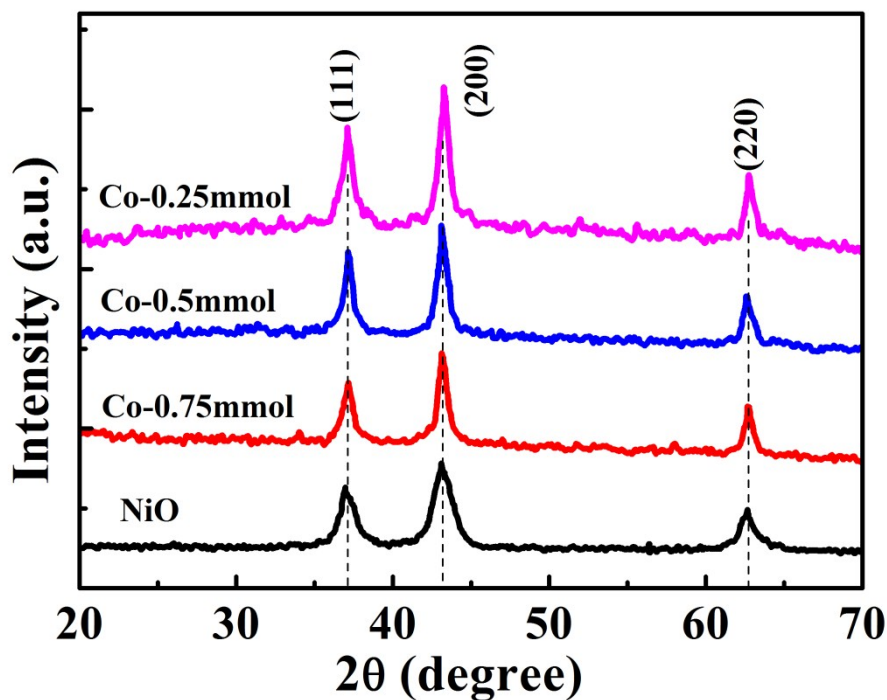


Fig.S1 The XRD patterns of NiO and Co-doped NiO powder samples peeled off the Ni foam, which correspond to the pure NiO, Co-doped NiO samples with addition of 0.25mmol, 0.5mmol and 0.75mmol Co source, respectively.

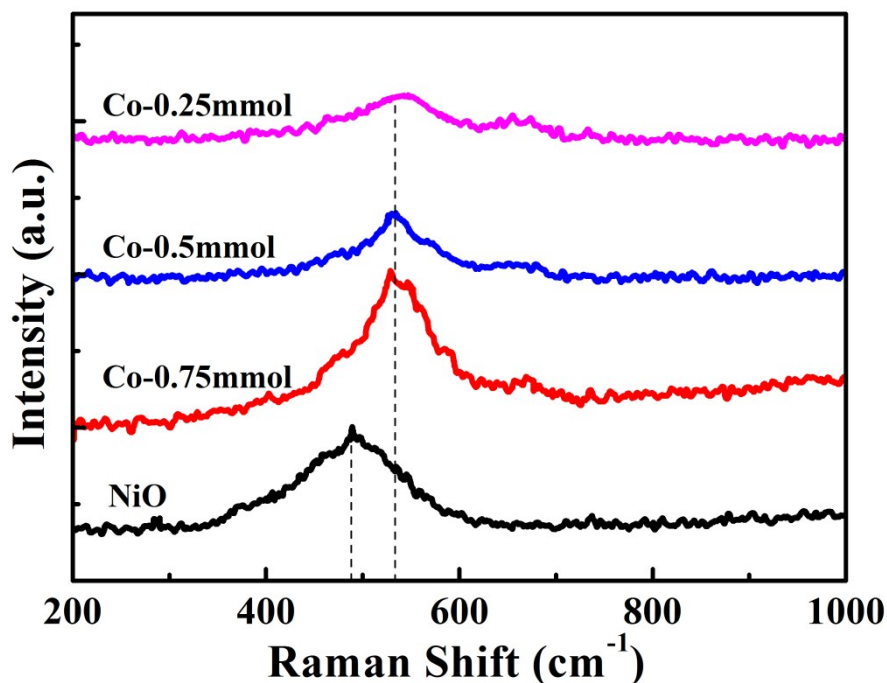


Fig.S2 The Raman spectra of NiO and Co-doped NiO powder samples peeled off the Ni foam, which correspond to the pure NiO, Co-doped NiO samples with addition of 0.25mmol, 0.5mmol and 0.75mmol Co source, respectively.