

Supporting information

Co-Ni layered double hydroxides
for water oxidation in neutral
electrolyte

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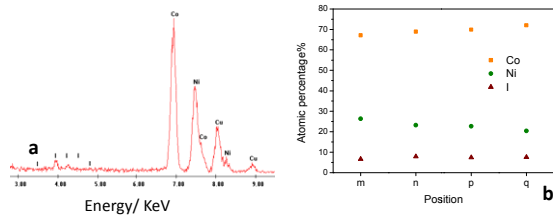


Figure S1 (a) EDS profile of point “m” in figure 2b. Cu peak is from the
TEM grid. (b) Elemental analysis of Co, Ni, I along the line from “m” to “q”
in figure S2a.

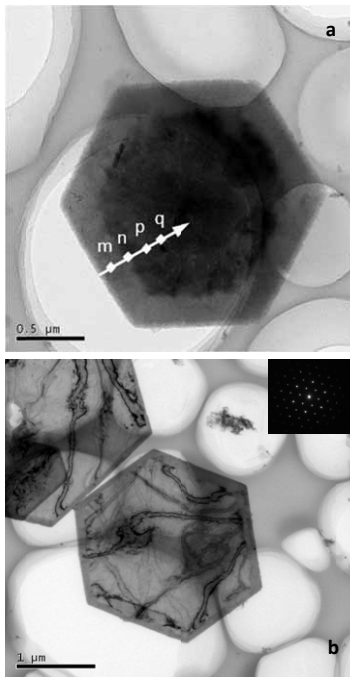


Figure S2 TEM image of as-fabricated (a) Co-Ni LDHs and (b) Co-Co LDHs
hexagonal platelets. Inset corresponding
SAED pattern.

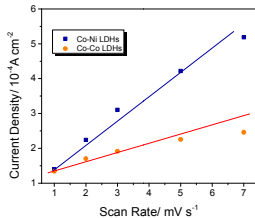


Figure S3 Charging current as a function of scan rate for Co-Ni and Co-Co
LDHs.

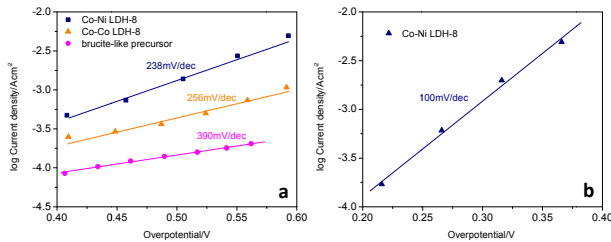


Figure S4 Tafel slopes measured in (a) phosphate solution at neutral
condition and (b) alkaline condition (1M NaOH, pH 14).