

Supplementary Information

Tuning the Electronic Structure of CoO Nanowires by N Doping for Efficient Hydrogen Evolution in Alkaline Solution

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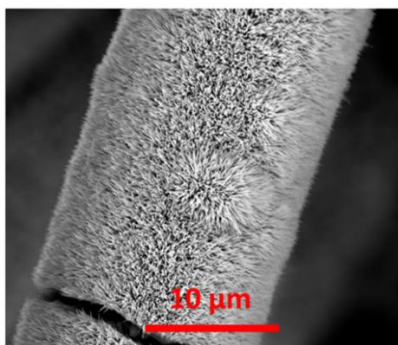


Fig S1. SEM image of $\text{Co}_x(\text{OH})_y$ nanowire arrays.



Fig S2. TEM image of N-CoO nanowire arrays.

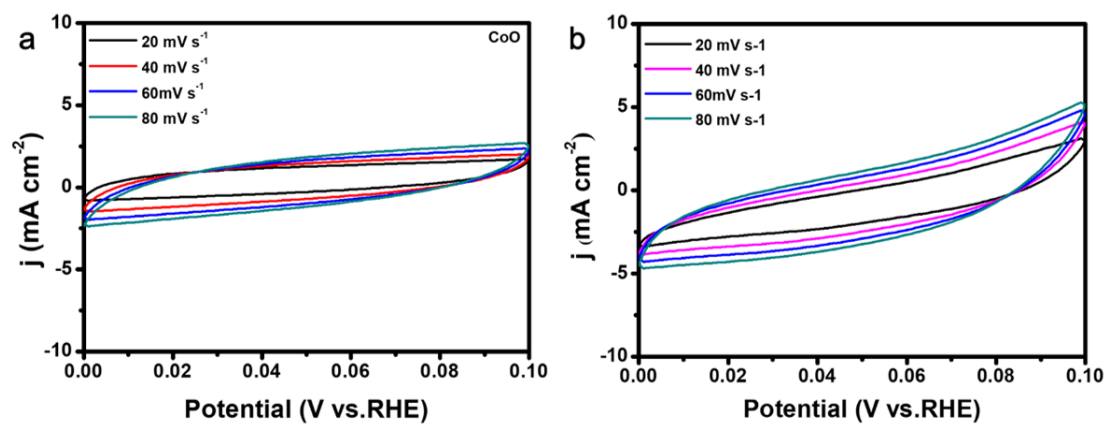


Fig S3. ECSA of CoO and N-CoO nanowire arrays.

Table S1. The percentage of O1, O2, O3 and O4 in CoO and N-CoO

samples	O1	O2	O3	O4
CoO	26.4%	33.8%	17.6%	22.2%
N-CoO	22.3%	27.2%	22.7 %	27.8%