

Electronic Supplementary Information

Micro-nanoarchitectures of electrodeposited Ni-ITO nanocomposites on copper foil as electrocatalysts for oxygen evolution reaction

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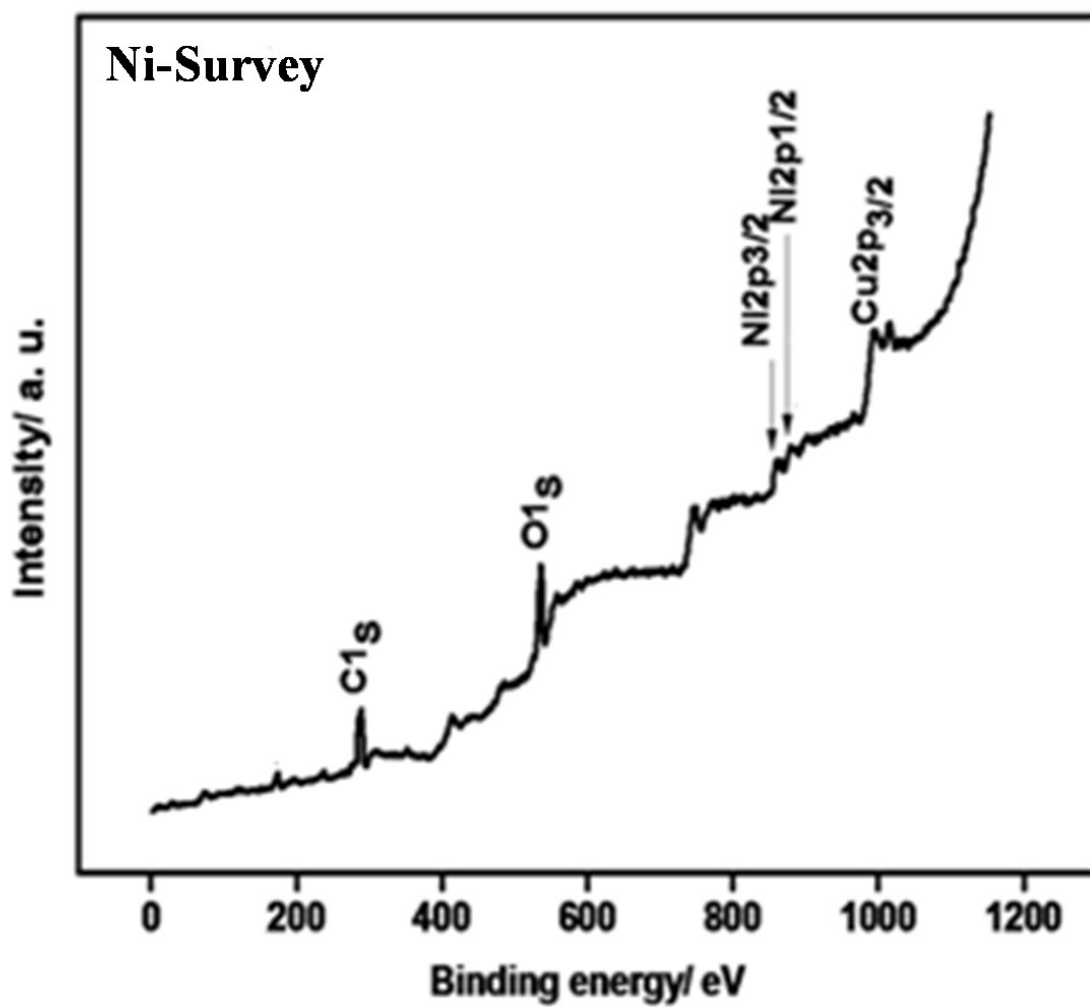


Fig. S1 XPS spectra of Ni.

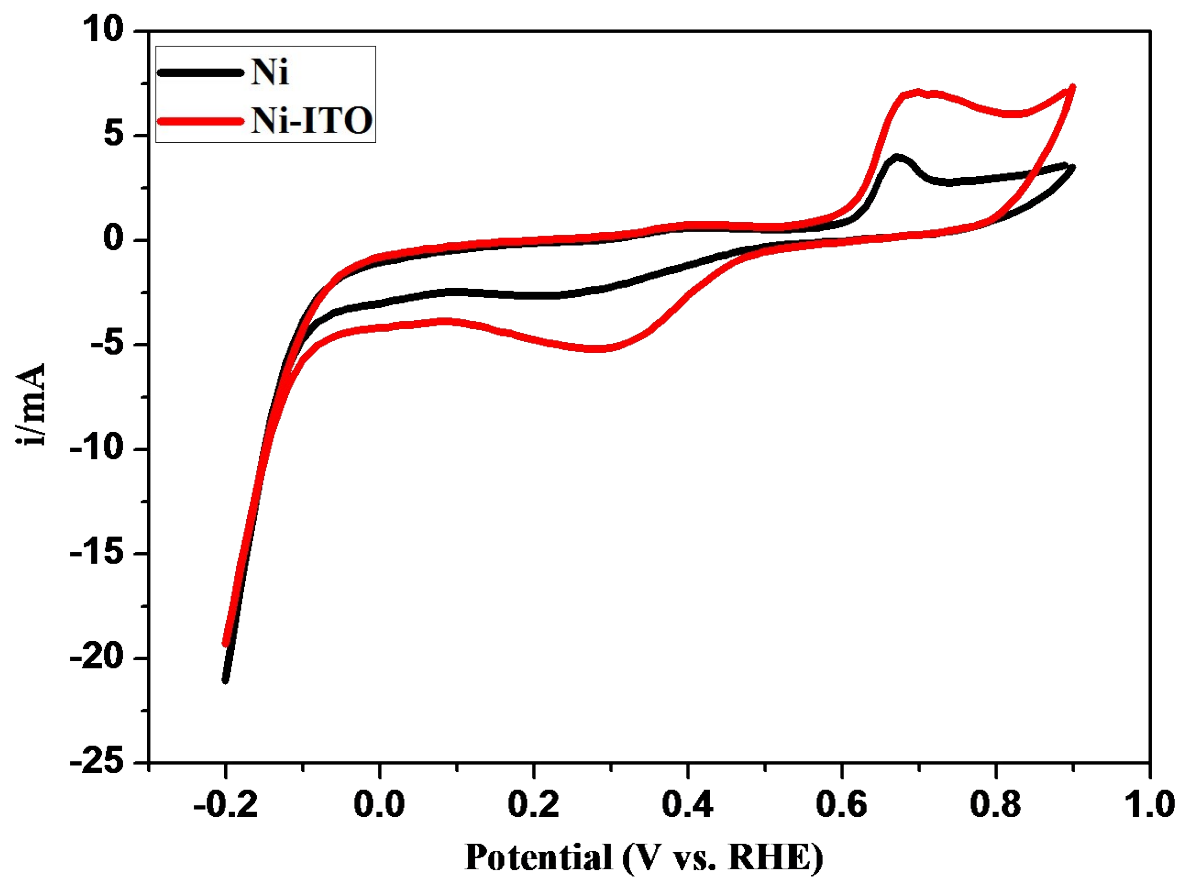


Fig. S2 Cyclic voltammograms of Ni and Ni-ITO nanocomposites electrodes in 1 M KOH solution at 50 mVs^{-1} in the cathodic region.

Table S1: The standard deviation of ECSA, current per ECSA, potential, current per geometrical surface area, current per Ni weight and Tafel slope for Ni and Ni-ITO nanocomposites.

Electrode	ECSA	Current per ECSA	Potential	Current per geometrical surface area	Current per Ni	Tafel slope
Ni	3.51×10^{-3}	8.75×10^{-3}	8.17×10^{-3}	1.86×10^{-2}	7.38×10^{-5}	1.38×10^{-1}
Ni-ITO nanocomposites	8.09×10^{-4}	8.23×10^{-3}	8.23×10^{-4}	1.19×10^{-2}	8.32×10^{-4}	1.36×10^{-1}