

Excellent Oxygen Evolution Reaction of Activated Carbon-Anchored NiO Nanotablets Prepared by Green Routes

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Morphological Properties of Biomass-AC

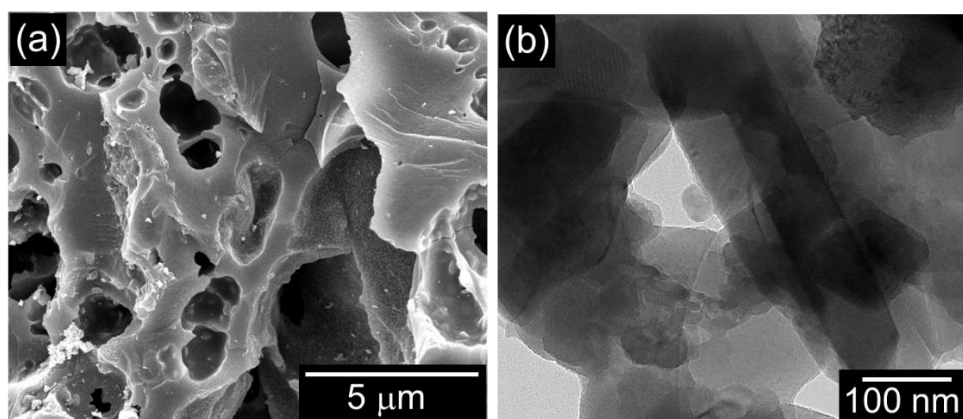


Figure S1. (a) FE-SEM and (b) TEM image of the AC nanosponges.

Structural Properties of Biomass-AC

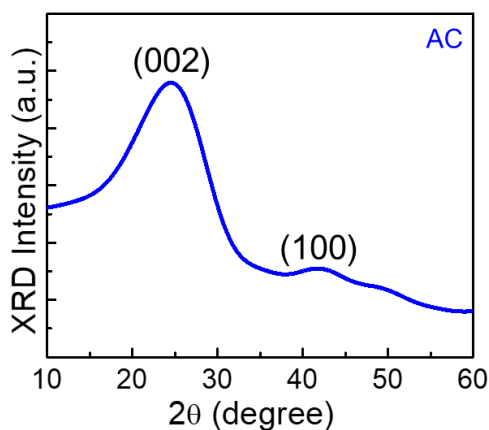


Figure S2. XRD pattern of the AC nanosponges.

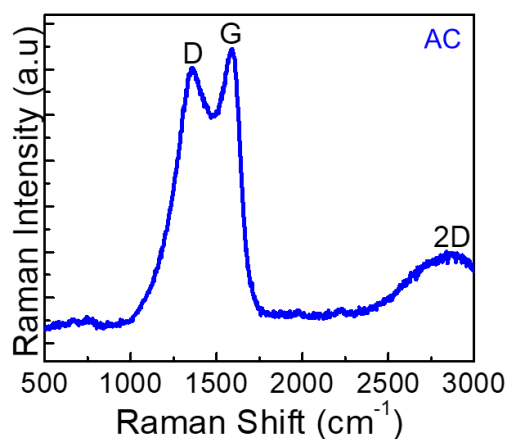


Figure S3. Raman spectra of AC nanosponges.

Electrocatalytic Properties of NiO and AC-NiO

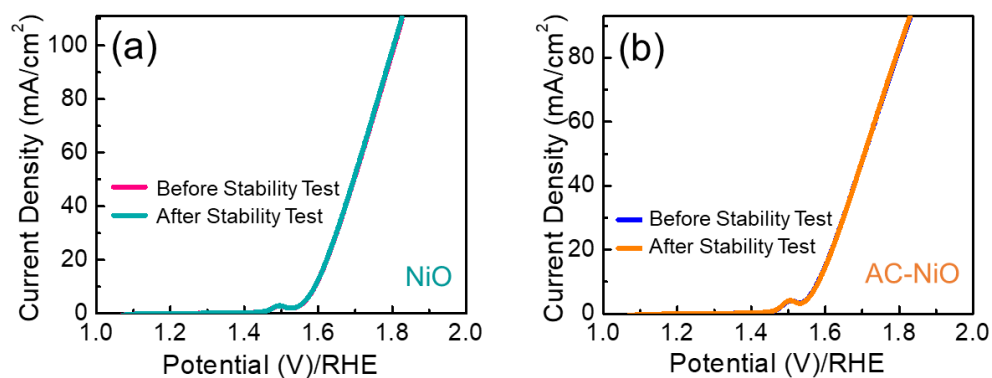


Figure S4. LSV curves of (a) NiO and (b) AC-NiO electrodes for OER before and after the stability test.

Morphological Properties of NiO and AC-NiO Electrodes After Stability Test

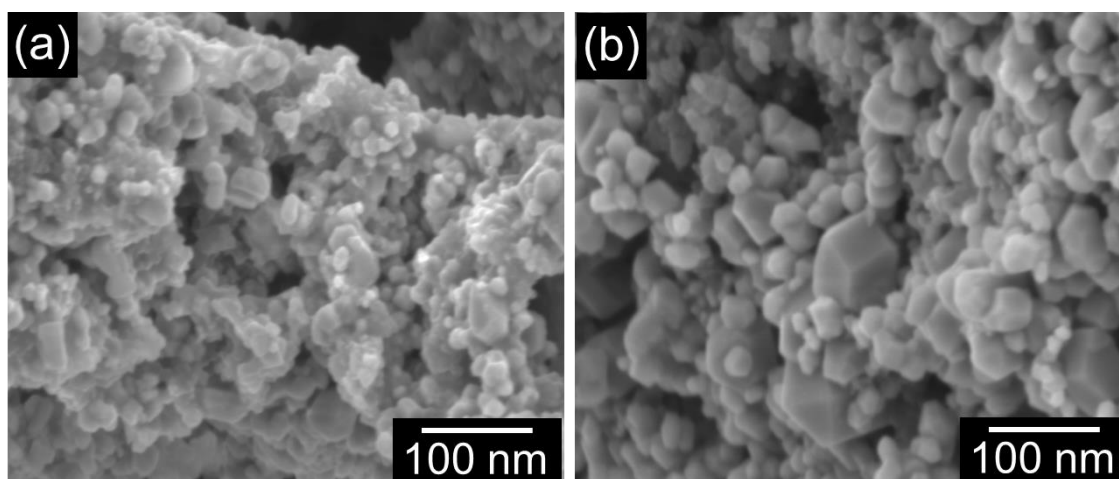


Figure 5S. FE-SEM images of (a) NiO and (b) AC-NiO after the stability test.

Structural Properties of NiO and AC-NiO Electrodes After Stability Test

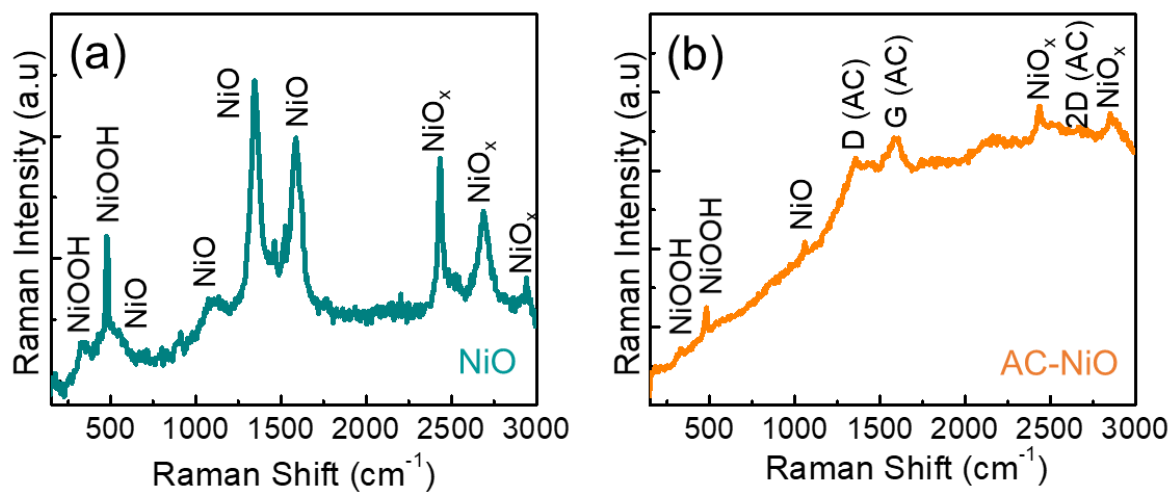


Figure S6. Raman spectra of (a) NiO and (b) AC-NiO after the stability test.