



Excellent Electrocatalytic Hydrogen Evolution Reaction Performances of Partially-Graphitized Activated-Carbon Nanobundles-Derived from Biomass Human Hair Wastes

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1. Elemental Characteristics of HH-AC

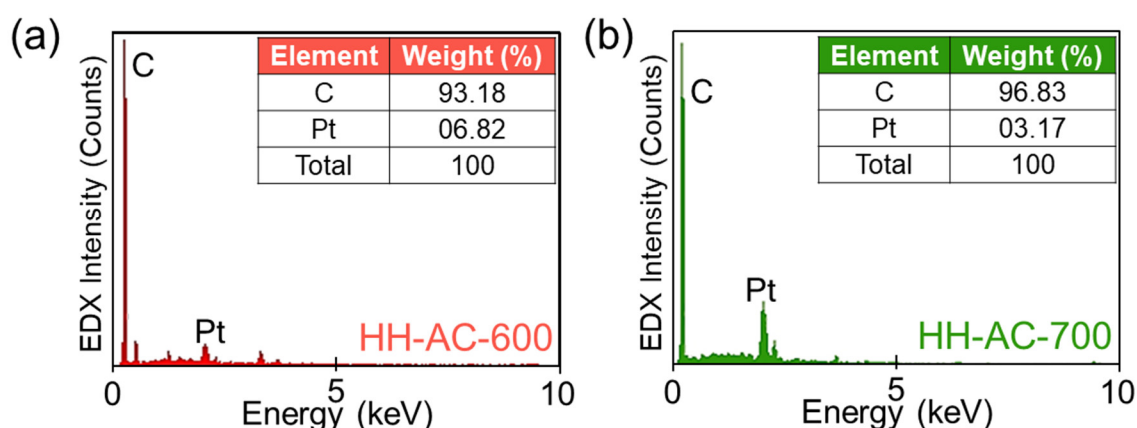


Figure S1. EDX spectra of the (a) HH-AC-600 and (b) HH-AC-700 samples. The small amounts of Pt arose from the ultrathin Pt conducting layer, which had been coated on the samples for better visualization of the FE-SEM images.

2. Electrochemical Properties of HH-AC before and after Durability Test

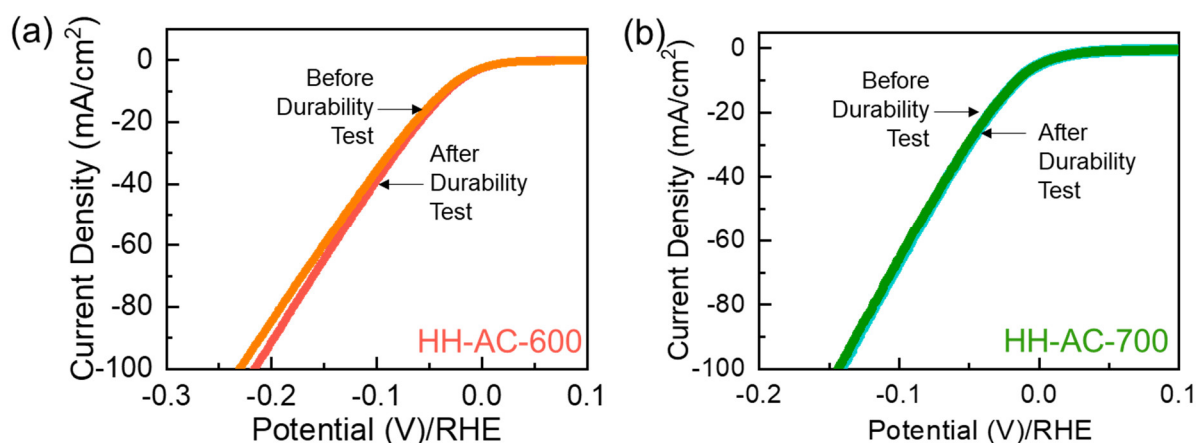


Figure S2. LSV curves of the (a) HH-AC-600 and (b) HH-AC-700 electrodes for HER before and after the durability test.