

Supporting Information

Enhanced Capacity and Cycle Life of Nitrogen-doped Charcoal Anode for the Lithium Ion Battery: A Solvent-free Approach

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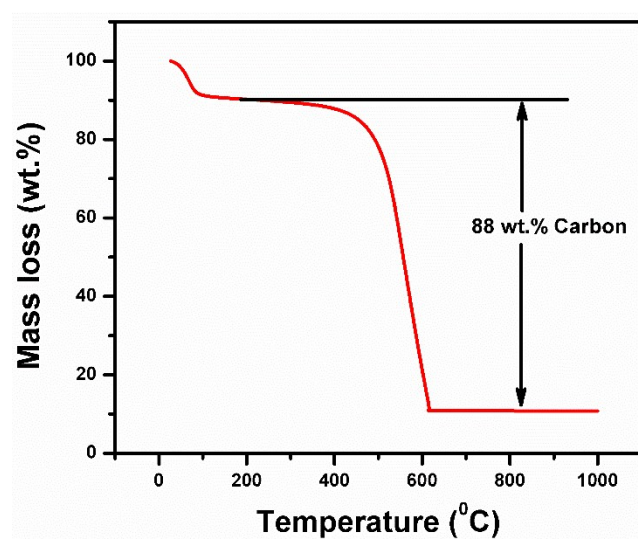


Fig. S1 Thermogravimetric analysis of activated charcoal (R-AC)

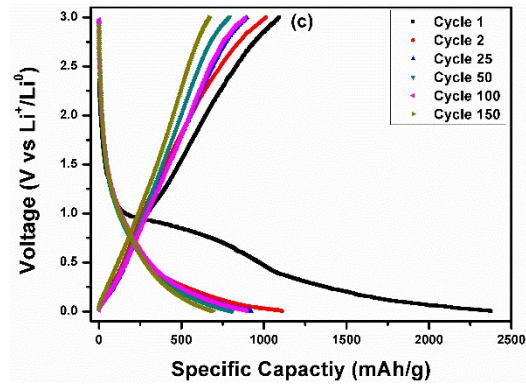
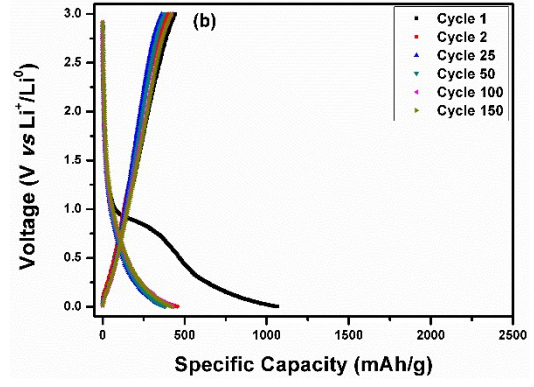
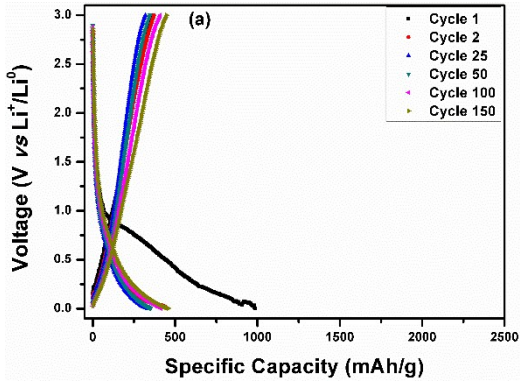


Fig. S2 Charge-discharge plots at different cycle number of (a) R-AC, (b) N-AC, and (c) NH-AC obtained at 50 mA g^{-1} .

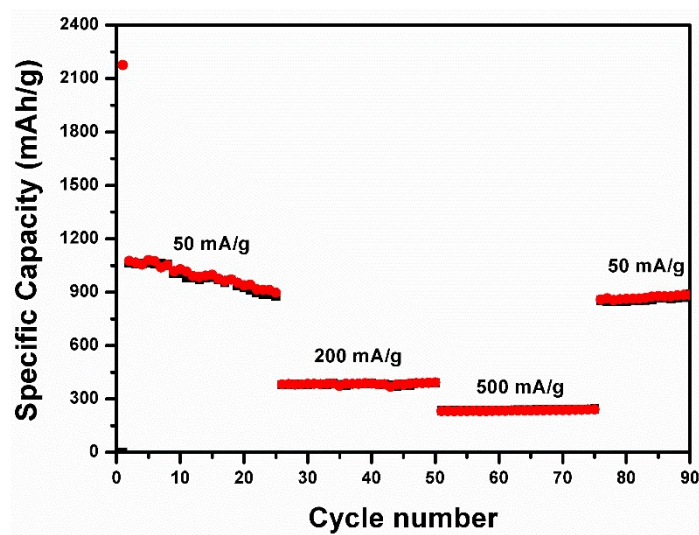


Fig. S3 Rate plot of NH-AC obtained at different current densities.