

Supplementary Data

Tailoring NiCoCu Layered Double Hydroxide with Ag-citrate/Polyaniline/functionalized SWCNTs nanocomposites for Supercapacitor Applications

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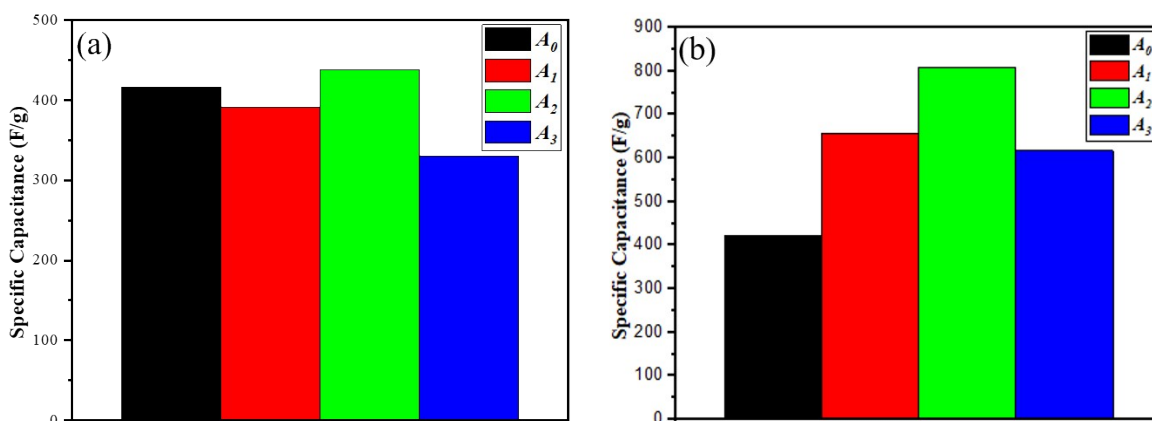


Fig S1 Specific Capacitance comparison of pristine A₀ and its composites A₁, A₂, and A₃ (a) calculated from CV at 10mV/s (b) calculated from GCD at 0.5 A/g.

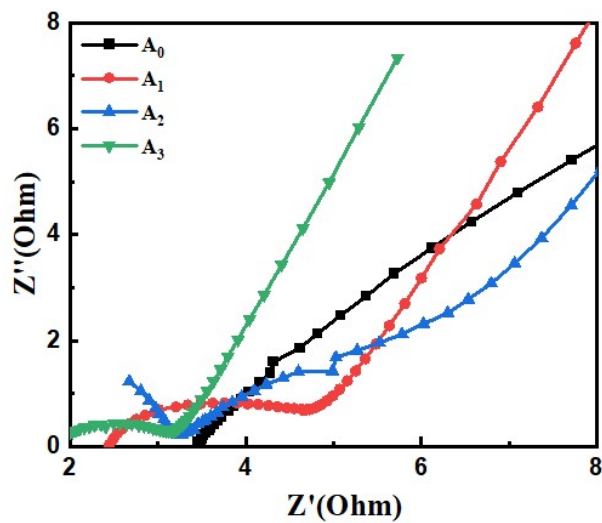


Fig S2 Magnified image of EIS Nyquist plot to visualize R_{ct} values and Warburg impedance slope of pristine A₀ and its composites A₁, A₂, and A₃.

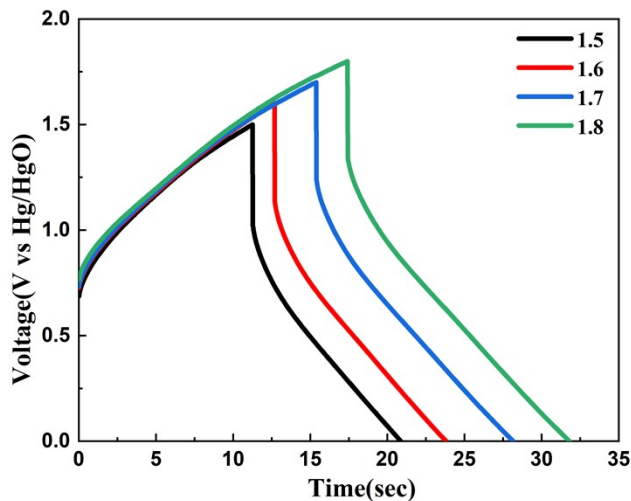


Fig S3 Galvanic charge-discharge of $A_2||AC$ ASC device at different potential windows from 1.5 to 1.8 at a current density of 10 A/g.

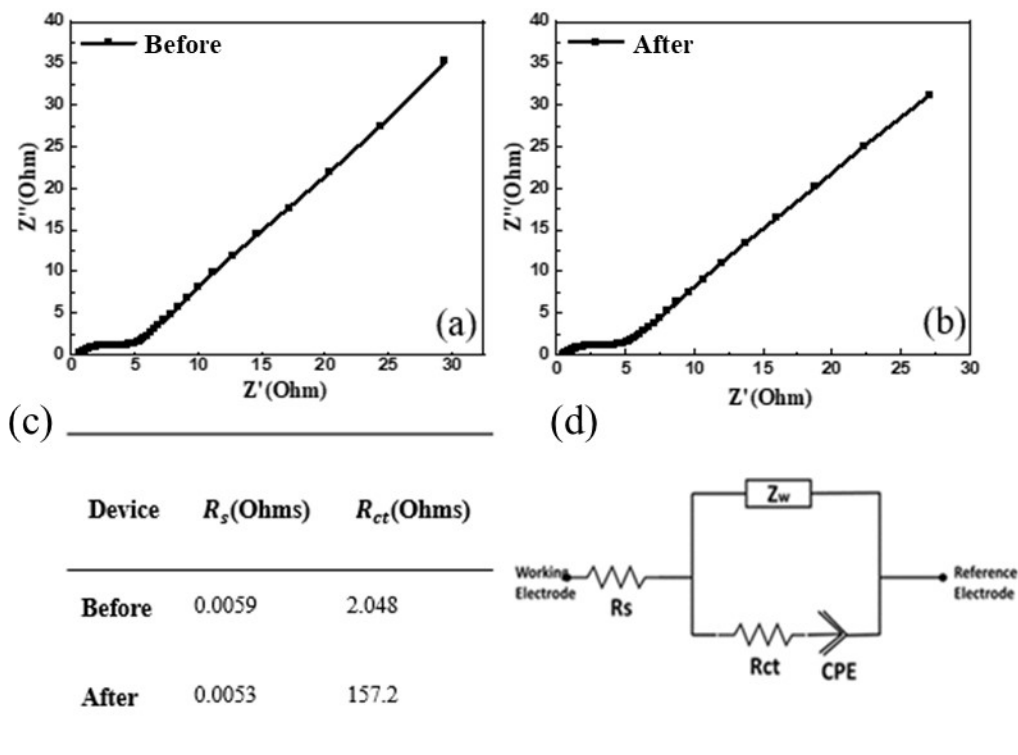


Fig S4 $A_2||AC$ ASC device's EIS (a) before and (b) after cycling stability test for 4000 cycles of $A_2||AC$ ASC device. (c) R_s and R_{ct} values before and after 4000 cycles. (d) Inscribed EIS circuit.