

Supporting Information

Aramid Nanofibers/Reduced Graphene Oxide Composite Electrodes with High Mechanical Properties

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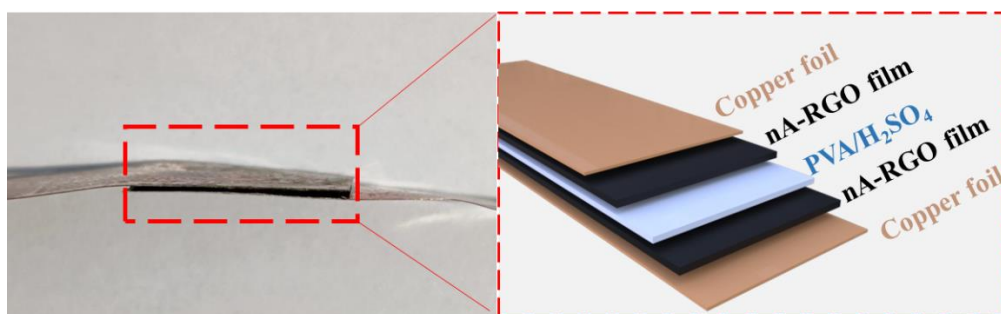


Figure S1. Schematic structure and digital images of the nA-RGO solid-state supercapacitor device

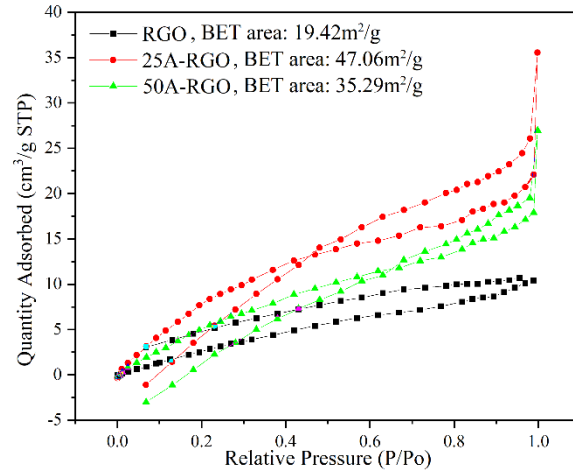


Figure S2. Adsorption-desorption isotherm curves of RGO, 25A-RGO and 50A-RGO

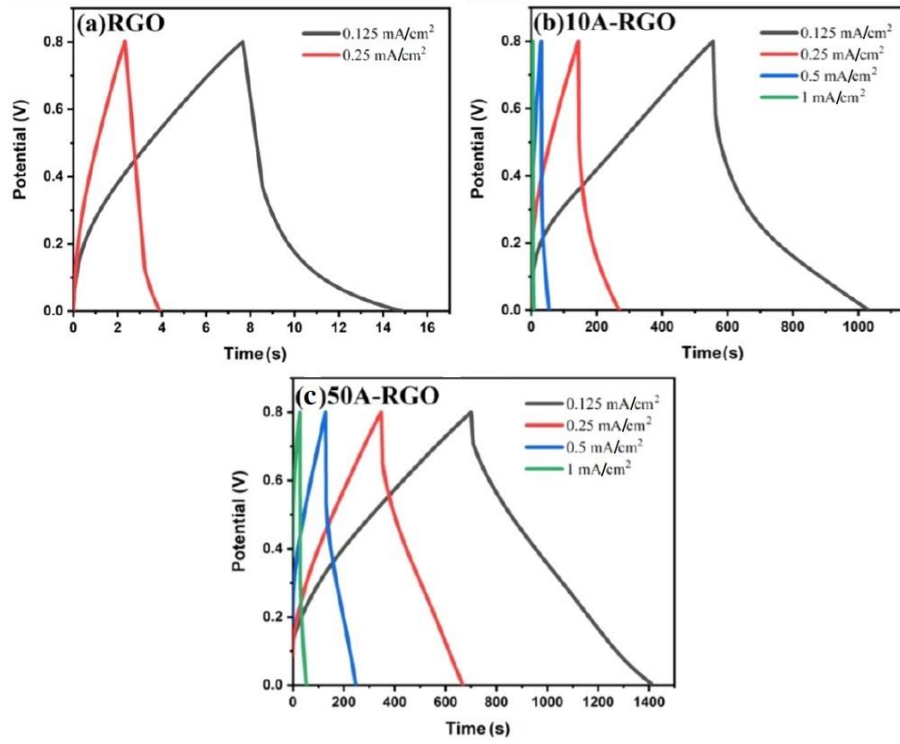


Figure S3. GCD curves at different scan rates of (a) RGO, (b) 10A-RGO and (c) 50A-RGO film electrodes

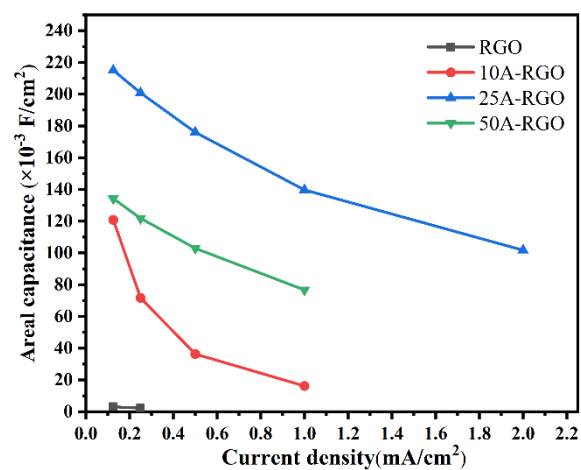


Figure S4. Areal capacitance of RGO and nA-RGO film electrodes at different current densities

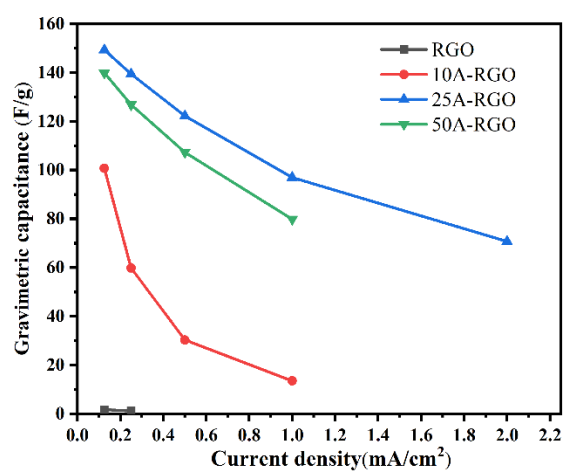


Figure S5. Gravimetric capacitance of RGO and nA-RGO film electrodes at different current densities

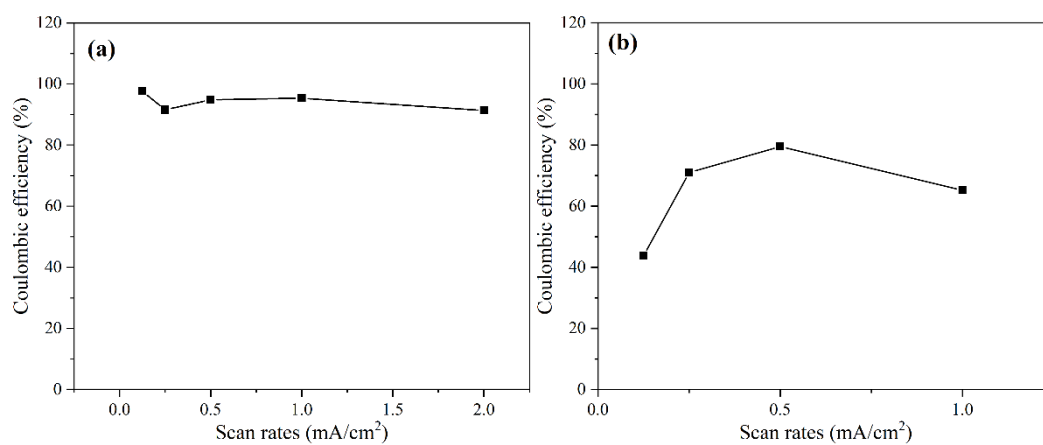


Figure S6. Coulombic efficiency of (a) 25A-RGO film electrode and (b) supercapacitor based on 25A-RGO composite film