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All-solid-state, flexible, ultrahigh performance supercapacitors based on the Ni-Al LDH-rGO electrodes

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Highlights

1. The Ni-Al LDH-rGO synthesized on nickel foam via a facile CV electrodeposition.
2. The prepared electrodes show an ultrahigh specific capacitance.
3. Asymmetric and symmetric devices were fabricated.
4. Our devices exhibit excellent flexibility with a maximum specific capacitance and energy density.

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