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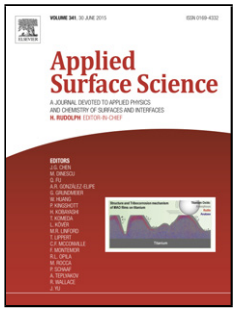

Title: Two-Step Hydrothermal Synthesis of $NiCo_2S_4/Co_9S_8$ nanorods on Nickel Foam for High Energy Density Asymmetric Supercapacitors

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Two-Step Hydrothermal Synthesis of $NiCo_2S_4/Co_9S_8$ nanorods on Nickel Foam for High Energy Density Asymmetric Supercapacitors

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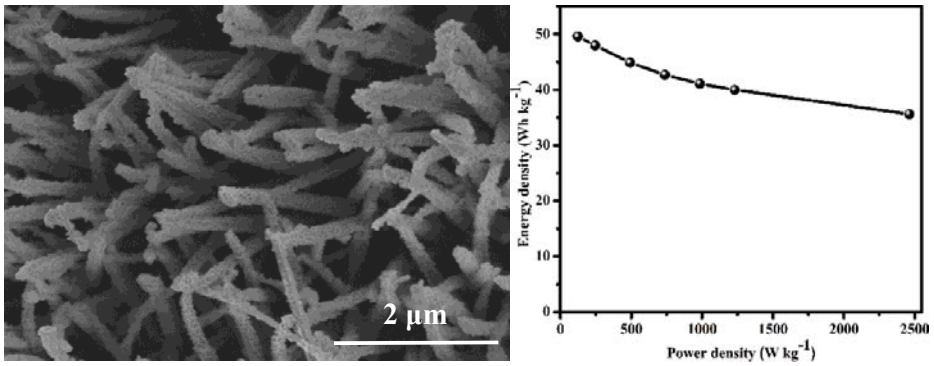
Graphical abstract



Highlights

- $NiCo_2S_4/Co_9S_8$ nanorods are prepared by a simply two-step hydrothermal method.
- $NiCo_2S_4/Co_9S_8$ electrode shows a good capacitance of 1804.29 F g^{-1}.
- $NiCo_2S_4/Co_9S_8$//AC ACS displays the maximum energy density of 49.6 Wh kg^{-1}.

Abstract: It is still a huge challenge to obtain a high-energy-density asymmetric

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