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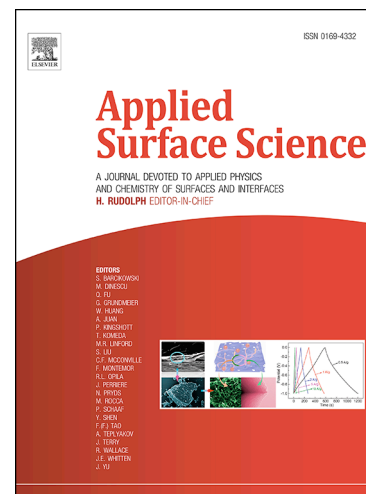
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Ultrathin NiFe-Layered Double Hydroxide Decorated NiCo₂O₄ Arrays with Enhanced Performance for Supercapacitors

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Abstract

Designing and synthesizing core/shell nanostructures materials as binder-free electrodes is an effective strategy to enhance the electrochemical performance of supercapacitors. In this work, the hierarchical NiCo₂O₄@NiFe-layered double hydroxide core/shell arrays are successfully constructed via a stepwise hydrothermally grow method and investigated for application in supercapacitors. With the assistance of the hierarchical core/shell structures and the synergetic effect between NiCo₂O₄ and NiFe-layered double hydroxide nanosheets, the hybrid

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