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Flexible free-standing Fe₂O₃/graphene/carbon nanotubes hybrid films as anode materials for high performance lithium-ion batteries

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Abstract

Free-standing, flexible, paper-like Fe₂O₃/graphene/carbon nanotubes (Fe₂O₃/GCNTs) ternary hybrid film with a three-dimensional hierarchical structure is synthesized through a simple filtration and a subsequent reduction process. The Fe₂O₃

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