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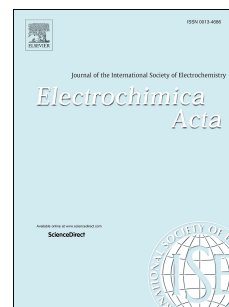
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Electrospinning synthesis of high performance carbon nanofiber coated flower-like MoS₂ nanosheets for dye-sensitized solar cells counter electrode

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Abstract: Molybdenum sulfide/carbon nanofibers (MoS₂/CNFs) composite with high density of flower-like nanosheets are prepared via the combination of electrospinning technology and hydrothermal method. The MoS₂/CNFs composite exhibits good performance as a counter electrode (CE) in dye-sensitized solar cells (DSSCs). The DSSCs employing MoS₂/CNFs delivers a power conversion efficiency (PCE) of

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