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A high-performance tin dioxide@carbon anode with a super high initial coulombic efficiency via a primary cell prelithiation process

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Abstract

Recently, many exciting achievements have been made in improving the cycling performance of SnO₂-based electrode. However, the low initial Coulombic efficiency of SnO₂-based electrode caused by the formation of solid electrolyte interphase and some of the irreversible formation of Li₂O in SnO₂ structure still remains unresolved.

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