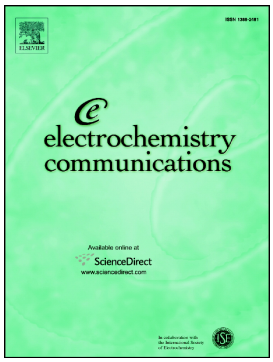

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Enhanced Electrocatalytic Activity of $FeCo_2O_4$ interfacing with CeO_2 for oxygen reduction and evolution reactions

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Abstract

Porous hexagonal $FeCo_2O_4/CeO_2$ heterostructure with abundant interfaces has been synthesized by annealing of metal organic frameworks prepared by a facile self-precipitation method. The interface between $FeCo_2O_4$ and CeO_2 is the main factor for the enhancement of catalytic activity and durability of $FeCo_2O_4/CeO_2$ heterostructure.

Key words: Oxygen reduction reaction; Oxygen evolution reaction; Electrocatalyst; $FeCo_2O_4/CeO_2$ heterostructure; Interface.

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