

Bifunctional Catalysts for Oxygen Reduction and Evolution
Reactions and Rechargeable Metal Air Batteries Using the Same

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Abstract

The present disclosure relates to a catalyst for a metal air battery or fuel cell comprising a mixed metal oxide consisting of at least one lanthanide element and at least two different transition metal elements. The catalyst may further comprise a conducting additive. The present disclosure further provides an air electrode, metal air battery or fuel cell comprising the disclosed catalyst, and methods for forming the disclosed catalyst.

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(no suitable figure)