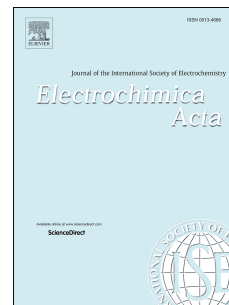


Accepted Manuscript

Mn doping of cobalt oxynitride coupled with N-rGO nanosheets hybrid as a highly efficient electrocatalyst for oxygen reduction and oxygen evolution reaction

Zhen Yan, Hui Qi, Xue Bai, Keke Huang, Yan-Ru Chen, Qin Wang



PII: S0013-4686(18)31473-7

DOI: [10.1016/j.electacta.2018.06.185](https://doi.org/10.1016/j.electacta.2018.06.185)

Reference: EA 32178

To appear in: *Electrochimica Acta*

Received Date: 16 April 2018

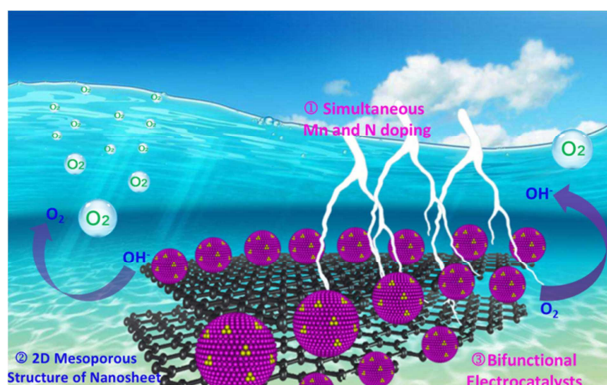
Revised Date: 14 June 2018

Accepted Date: 27 June 2018

Please cite this article as: Z. Yan, H. Qi, X. Bai, K. Huang, Y.-R. Chen, Q. Wang, Mn doping of cobalt oxynitride coupled with N-rGO nanosheets hybrid as a highly efficient electrocatalyst for oxygen reduction and oxygen evolution reaction, *Electrochimica Acta* (2018), doi: 10.1016/j.electacta.2018.06.185.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Graphical Abstract



Mn doping of cobalt oxynitride ($Co_{1-x}Mn_xON$) coupled with nitrogen-doped reduced graphene oxide (N-rGO) nanosheets hybrid is created as a highly efficient and bifunctional electrocatalysts toward ORR and OER. The CoMnON/N-rGO hybrid catalyst manifests excellent catalytic performance, durability, and good methanol-tolerance ability.

Download English Version:

<https://daneshyari.com/en/article/6602000>

Download Persian Version:

<https://daneshyari.com/article/6602000>

[Daneshyari.com](https://daneshyari.com)