Accepted Manuscript

Title: Hierarchical porous nitrogen doped three-dimensional graphene as free-standing cathode for rechargeable lithium-oxygen batteries

Author: Mu He Peng Zhang Li Liu Bao Liu Shan Xu

PII: S0013-4686(16)30004-4

DOI: http://dx.doi.org/doi:10.1016/j.electacta.2016.01.026

Reference: EA 26404

To appear in: Electrochimica Acta

Received date: 30-10-2015 Revised date: 31-12-2015 Accepted date: 2-1-2016

Please cite this article as: Mu He, Peng Zhang, Li Liu, Bao Liu, Shan Xu, Hierarchical porous nitrogen doped three-dimensional graphene as free-standing cathode for rechargeable lithium-oxygen batteries, Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2016.01.026

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.



ACCEPTED MANUSCRIPT

Hierarchical porous nitrogen doped three-dimensional graphene as free-standing cathode for rechargeable lithium-oxygen batteries

Mu He $^{1,2},$ Peng Zhang $^{2,3},$ Li Liu $^{2,3},$ Bao Liu $^{1,2},$ Shan Xu $^{\ast 1}$

¹ State Key Laboratory for Oxo Synthesis and Selective Oxidation, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou 730000, P. R. China

² University of Chinese Academy of Sciences, Beijing, 100039, P. R. China

³ Laboratory of Clean Energy Chemistry and Materials, State Key Laboratory of Solid Lubrication, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou 730000, P. R. China

* Corresponding author. Tel: +86-931-4968339; Fax: +86-931-4968055.

E-mail:xushan@licp.cas.cn

Download English Version:

https://daneshyari.com/en/article/6608899

Download Persian Version:

https://daneshyari.com/article/6608899

<u>Daneshyari.com</u>