

Accepted Manuscript

Pomegranate-like molybdenum Phosphide@Phosphorus-Doped carbon nanospheres coupled with carbon nanotubes for efficient hydrogen evolution reaction

Ji-Sen Li, Xiao-Rong Wang, Jia-Yi Li, Shuai Zhang, Jing-Quan Sha, Guo-Dong Liu, Bo Tang



PII: S0008-6223(18)30624-9

DOI: [10.1016/j.carbon.2018.06.058](https://doi.org/10.1016/j.carbon.2018.06.058)

Reference: CARBON 13263

To appear in: *Carbon*

Received Date: 8 May 2018

Revised Date: 11 June 2018

Accepted Date: 25 June 2018

Please cite this article as: J.-S. Li, X.-R. Wang, J.-Y. Li, S. Zhang, J.-Q. Sha, G.-D. Liu, B. Tang, Pomegranate-like molybdenum Phosphide@Phosphorus-Doped carbon nanospheres coupled with carbon nanotubes for efficient hydrogen evolution reaction, *Carbon* (2018), doi: 10.1016/j.carbon.2018.06.058.

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.

**Pomegranate-Like Molybdenum Phosphide@Phosphorus-Doped
Carbon Nanospheres Coupled with Carbon Nanotubes for Efficient
Hydrogen Evolution Reaction**

Ji-Sen Li,^{*a,b} Xiao-Rong Wang,^a Jia-Yi Li,^a Shuai Zhang,^a Jing-Quan Sha,^a Guo-Dong
Liu,^a and Bo Tang^{*b}

^aKey Laboratory of Inorganic Chemistry in Universities of Shandong, Department of Chemistry and Chemical Engineering, Jining University, Qufu, Shandong 273155, P. R. China

^bCollege of Chemistry, Chemical Engineering and Materials Science, Collaborative Innovation Center of Functionalized Probes for Chemical Imaging in Universities of Shandong, Key Laboratory of Molecular and Nano Probes, Ministry of Education, Shandong Provincial Key Laboratory of Clean Production of Fine Chemicals, Shandong Normal University, Jinan, Shandong 250014, P. R. China

*Corresponding author. E-mail: tangb@sdu.edu.cn (B. Tang)

Download English Version:

<https://daneshyari.com/en/article/7847183>

Download Persian Version:

<https://daneshyari.com/article/7847183>

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