Accepted Manuscript

Fabrication of highly dispersed ultrafine Co₉S₈ nanoparticles on carbon nanofibers as low-cost counter electrode for dye-sensitized solar cells

Ju Qiu, Dayong He, Rui Zhao, Bolun Sun, He Ji, Nan Zhang, Yanzi Li, Xiaofeng Lu, Ce Wang

PII: S0021-9797(18)30284-4

DOI: https://doi.org/10.1016/j.jcis.2018.03.042

Reference: YJCIS 23392

To appear in: Journal of Colloid and Interface Science

Received Date: 24 January 2018 Revised Date: 12 March 2018 Accepted Date: 13 March 2018



Please cite this article as: J. Qiu, D. He, R. Zhao, B. Sun, H. Ji, N. Zhang, Y. Li, X. Lu, C. Wang, Fabrication of highly dispersed ultrafine Co₉S₈ nanoparticles on carbon nanofibers as low-cost counter electrode for dye-sensitized solar cells, *Journal of Colloid and Interface Science* (2018), doi: https://doi.org/10.1016/j.jcis.2018.03.042

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

Fabrication of highly dispersed ultrafine Co_9S_8 nanoparticles on carbon nanofibers as low-cost counter electrode for dye-sensitized solar cells

Ju Qiu, Dayong He, Rui Zhao, Bolun Sun, He Ji, Nan Zhang, Yanzi Li, Xiaofeng Lu* and Ce Wang*

Alan G. MacDiarmid Institute, College of Chemistry, Jilin University, Changchun 130012, PR China

*Corresponding authors: X. F. Lu, C. Wang

Tel.: +86-431-85168292; Fax: +86-431-85168292.

Email address: xflu@jlu.edu.cn; cwang@jlu.edu.cn

Download English Version:

https://daneshyari.com/en/article/6991270

Download Persian Version:

https://daneshyari.com/article/6991270

<u>Daneshyari.com</u>