## **Accepted Manuscript**

A novel cobalt hexacyanoferrate/multi-walled carbon nanotubes nanocomposite: Spontaneous assembly synthesis and application as electrode materials with significantly improved capacitance for supercapacitors

Xiaojuan Zhang, Ling Tao, Ping He, Xingquan Zhang, Mingqian He, Faqin Dong, Shaoying He, Caixia Li, Huanhuan Liu, Shuai Wang, Ying Zhang

PII: S0013-4686(17)32359-9

DOI: 10.1016/j.electacta.2017.11.007

Reference: EA 30597

To appear in: Electrochimica Acta

Received Date: 6 August 2017

Revised Date: 19 October 2017

Accepted Date: 1 November 2017

Please cite this article as: X. Zhang, L. Tao, P. He, X. Zhang, M. He, F. Dong, S. He, C. Li, H. Liu, S. Wang, Y. Zhang, A novel cobalt hexacyanoferrate/multi-walled carbon nanotubes nanocomposite: Spontaneous assembly synthesis and application as electrode materials with significantly improved capacitance for supercapacitors, *Electrochimica Acta* (2017), doi: 10.1016/j.electacta.2017.11.007.

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

# A novel cobalt hexacyanoferrate/multi-walled carbon nanotubes nanocomposite: spontaneous assembly synthesis and application as electrode materials with significantly improved capacitance for supercapacitors

Xiaojuan Zhang<sup>1</sup> Ling Tao<sup>2</sup> Ping He<sup>\*1, 3</sup> Xingquan Zhang<sup>4</sup> Mingqian He<sup>5</sup> Faqin Dong<sup>6</sup> Shaoying He<sup>1</sup> Caixia Li<sup>1</sup> Huanhuan Liu<sup>1</sup> Shuai Wang<sup>1</sup> Ying Zhang<sup>1</sup>

- 1 School of Materials Science and Engineering, Southwest University of Science and Technology, Mianyang 621010, PR China
- 2 Mianyang No. 1 Middle School, Mianyang 621000, PR China
- 3 Mianyang Kingtiger New Energy Technology Co. Ltd., Mianyang 621000, PR China
- 4 Center of Analysis and Test, Southwest University of Science and Technology, Mianyang 621010, PR China
- 5 Sichuan Changhong New Energy Technology Co. Ltd., Mianyang 621000, PR China
- 6 Key Laboratory of Solid Waste Treatment and Resource Recycle of Ministry of Education, Southwest University of Science and Technology, Mianyang 621010, PR China

<sup>\*</sup> Corresponding author. E-mail: heping@swust.edu.cn. Tel.: 86-816-6089371.

## Download English Version:

# https://daneshyari.com/en/article/6604976

Download Persian Version:

https://daneshyari.com/article/6604976

<u>Daneshyari.com</u>