

## Accepted Manuscript

Title: Chitosan-rectorite nanospheres embedded aminated polyacrylonitrile nanofibers via shoulder-to-shoulder electrospinning and electrospaying for enhanced heavy metal removal

Authors: Mengtian Huang, Hu Tu, Jiajia Chen, Rong Liu, Zhaoyi Liang, Linbin Jiang, Xiaowen Shi, Yumin Du, Hongbing Deng

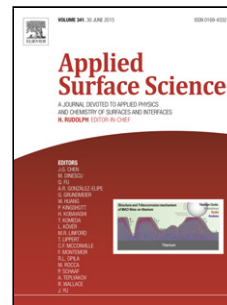
PII: S0169-4332(17)33738-8  
DOI: <https://doi.org/10.1016/j.apsusc.2017.12.150>  
Reference: APSUSC 38020

To appear in: *APSUSC*

Received date: 5-10-2017  
Revised date: 18-12-2017  
Accepted date: 18-12-2017

Please cite this article as: Huang M, Tu H, Chen J, Liu R, Liang Z, Jiang L, Shi X, Du Y, Deng H, Chitosan-rectorite nanospheres embedded aminated polyacrylonitrile nanofibers via shoulder-to-shoulder electrospinning and electrospaying for enhanced heavy metal removal, *Applied Surface Science* (2010), <https://doi.org/10.1016/j.apsusc.2017.12.150>

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.



**Chitosan-rectorite nanospheres embedded aminated polyacrylonitrile  
nanofibers via shoulder-to-shoulder electrospinning and  
electrospraying for enhanced heavy metal removal**

Mengtian Huang <sup>a, b</sup>, Hu Tu <sup>c</sup>, Jiajia Chen <sup>b</sup>, Rong Liu <sup>b</sup>, Zhaoyi Liang <sup>a</sup>, Linbin Jiang <sup>a</sup>  
<sup>\*</sup>, Xiaowen Shi <sup>b</sup>, Yumin Du <sup>b</sup> and Hongbing Deng <sup>b\*</sup>

<sup>a</sup> School of Chemistry and Chemical Engineering, Guangxi Key Laboratory of  
Petrochemical Resource Processing and Process Intensification Technology,  
Guangxi University, Nanning 530004, China

<sup>b</sup> Hubei International Scientific and Technological Cooperation Base of Sustainable  
Resource and Energy, Hubei Key Lab of Biomass Resource Chemistry and  
Environmental Biotechnology, School of Resource and Environmental Science,  
Wuhan University, Wuhan 430079, China

<sup>c</sup> College of Chemistry and Molecular Sciences, Wuhan University, Wuhan, 430072,  
China

\*Corresponding authors: Tel: 86-0771-3239203, Fax: 86-0771-3233718;

Tel: 86-027-68778501, Fax: 86-027-68778501.

E-mail addresses: jianglinbin@126.com (L. Jiang);

hbdeng@whu.edu.cn; alphabeita@yahoo.com (H. Deng)

Download English Version:

<https://daneshyari.com/en/article/7835625>

Download Persian Version:

<https://daneshyari.com/article/7835625>

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