

Accepted Manuscript

Pore volume and distribution regulation of highly nanoporous Titanium dioxide nanofibers and their photovoltaic properties

Zhehao Zhou, Wei Xiao, Xiaowen Shi, Bin Ding, Qun Wang, Yingfei Zhan, Hongbing Deng, Yumin Du

PII: S0021-9797(16)30912-2

DOI: <http://dx.doi.org/10.1016/j.jcis.2016.11.035>

Reference: YJCIS 21763

To appear in: *Journal of Colloid and Interface Science*

Received Date: 27 September 2016

Revised Date: 8 November 2016

Accepted Date: 9 November 2016



Please cite this article as: Z. Zhou, W. Xiao, X. Shi, B. Ding, Q. Wang, Y. Zhan, H. Deng, Y. Du, Pore volume and distribution regulation of highly nanoporous Titanium dioxide nanofibers and their photovoltaic properties, *Journal of Colloid and Interface Science* (2016), doi: <http://dx.doi.org/10.1016/j.jcis.2016.11.035>

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.

**Pore volume and distribution regulation of highly nanoporous
Titanium dioxide nanofibers and their photovoltaic properties**

Zhehao Zhou ^{a,1}, Wei Xiao ^{a,1}, Xiaowen Shi ^a, Bin Ding ^b, Qun Wang ^c, Yingfei Zhan
^a, Hongbing Deng ^{a,*}, Yumin Du ^a

^a 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

^b Key Laboratory of Textile Science & Technology, Ministry of Education, College of
Textiles, Donghua University, Shanghai 201620, China

^c Department of Civil, Construction and Environmental Engineering, Iowa State
University, Iowa 50011, USA

¹ Co-first author with the same contribution to this work.

*Corresponding author. Tel.: +86 27 68778501; Fax: + 86 27 68778501.

E-mail address: hbdeng@whu.edu.cn; alphabeita@yahoo.com (H. Deng)

Download English Version:

<https://daneshyari.com/en/article/4985231>

Download Persian Version:

<https://daneshyari.com/article/4985231>

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