### Accepted Manuscript

Highly Sensitive Response of Solution-Processed Bismuth Sulfide Nanobelts for Room-Temperature Nitrogen Dioxide Detection

Hao Kan, Min Li, Zhilong Song, Sisi Liu, Baohui Zhang, Jingyao Liu, Ming-Yu Li, Guangzu Zhang, ShengLin Jiang, Huan Liu

PII: S0021-9797(17)30779-8

DOI: http://dx.doi.org/10.1016/j.jcis.2017.07.012

Reference: YJCIS 22541

To appear in: Journal of Colloid and Interface Science

Received Date: 4 May 2017 Revised Date: 26 June 2017 Accepted Date: 4 July 2017



Please cite this article as: H. Kan, M. Li, Z. Song, S. Liu, B. Zhang, J. Liu, M-Y. Li, G. Zhang, S. Jiang, H. Liu, Highly Sensitive Response of Solution-Processed Bismuth Sulfide Nanobelts for Room-Temperature Nitrogen Dioxide Detection, *Journal of Colloid and Interface Science* (2017), doi: http://dx.doi.org/10.1016/j.jcis. 2017.07.012

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**

# Highly Sensitive Response of Solution-Processed Bismuth Sulfide Nanobelts for Room-Temperature Nitrogen Dioxide Detection

Hao Kan<sup>a</sup>, Min Li<sup>b, c</sup>, Zhilong Song<sup>a</sup>, Sisi Liu<sup>a</sup>, Baohui Zhang<sup>a</sup>, Jingyao

Liu<sup>a</sup>, Ming-Yu Li<sup>a</sup>, Guangzu Zhang<sup>a</sup>, ShengLin Jiang<sup>a\*</sup> and Huan Liu<sup>a\*</sup>

<sup>a</sup>School of Optical and Electronic Information, Huazhong University of Science and

Technology, 1037 Luoyu Road, Wuhan, Hubei, 430074, P. R. China

<sup>b</sup>College of Physics and Energy, Shenzhen Key Laboratory of Sensor Technology, Shenzhen

University, Shenzhen 518060, China

<sup>c</sup>Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong

Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen 518060, China

\*Corresponding e-mail address: jslhust@gmail.com; huan@mail.hust.edu.cn;Tel./Fax:

+86-27-87542693

#### Download English Version:

## https://daneshyari.com/en/article/4984559

Download Persian Version:

https://daneshyari.com/article/4984559

<u>Daneshyari.com</u>