

## Accepted Manuscript

Title: Effects of graphene on the microstructures of SnO<sub>2</sub>@rGO nanocomposites and their formaldehyde-sensing performance

Authors: Xiaoru Rong, Deliang Chen, Geping Qu, Tao Li, Rui Zhang, Jing Sun



PII: S0925-4005(18)30890-6  
DOI: <https://doi.org/10.1016/j.snb.2018.04.176>  
Reference: SNB 24652

To appear in: *Sensors and Actuators B*

Received date: 13-1-2018  
Revised date: 6-4-2018  
Accepted date: 28-4-2018

Please cite this article as: Xiaoru Rong, Deliang Chen, Geping Qu, Tao Li, Rui Zhang, Jing Sun, Effects of graphene on the microstructures of SnO<sub>2</sub>@rGO nanocomposites and their formaldehyde-sensing performance, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2018.04.176>

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.

# Effects of graphene on the microstructures of SnO<sub>2</sub>@rGO nanocomposites and their formaldehyde-sensing performance

Xiaoru Rong<sup>a</sup>, Deliang Chen<sup>a,b,\*</sup>, Geping Qu<sup>a</sup>, Tao Li<sup>b</sup>, Rui Zhang<sup>a,c</sup>, Jing Sun<sup>d\*</sup>

<sup>a</sup> School of Materials Science and Engineering, Zhengzhou University, 100 Science Road, Zhengzhou 450001, P.R.China

<sup>b</sup> School of Chemical Engineering and Energy Technology, Dongguan University of Technology, Dongguan 523808, P.R. China

<sup>c</sup> Laboratory of Aeronautical Composites, Zhengzhou Institute of Aeronautical Industry Management, University Centre, Zhengdong New District, Zhengzhou 450046, China

<sup>d</sup> The State Key Laboratory of High Performance Ceramics and Superfine Microstructure, Shanghai Institute of Ceramics, Chinese Academy of Sciences, 1295 Dingxi Road, Shanghai 200050, P.R.China

**\*Corresponding authors:**

**Deliang Chen, Professor**

School of Materials Science and Engineering, Zhengzhou University, 100 Science Road, Zhengzhou 450001, P.R. China. *E-mail address:* dlchen@zzu.edu.cn (D.L. Chen)

**Jing Sun, Professor**

The State Key Laboratory of High Performance Ceramics and Superfine Microstructure, Shanghai Institute of Ceramics, Chinese Academy of Sciences, 1295 Dingxi Road, Shanghai 200050, P.R.China; *E-mail address:* jingsun@mail.sic.ac.cn (J. Sun)

Download English Version:

<https://daneshyari.com/en/article/7139163>

Download Persian Version:

<https://daneshyari.com/article/7139163>

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