Accepted Manuscript

Title: Synthesis and gas sensing properties of NiO/SnO₂ hierarchical structures toward *ppb-level* acetone detection

Authors: Jie Hu, Jie Yang, Wenda Wang, Yan Xue, Yongjiao Sun, Pengwei Li, Kun Lian, Wendong Zhang, Lin Chen, Jian Shi, Yong Chen



PII: S0025-5408(17)33790-X

DOI: https://doi.org/10.1016/j.materresbull.2018.02.006

Reference: MRB 9830

To appear in: MRB

Received date: 2-10-2017 Revised date: 12-1-2018 Accepted date: 3-2-2018

Please cite this article as: Hu J, Yang J, Wang W, Xue Y, Sun Y, Li P, Lian K, Zhang W, Chen L, Shi J, Chen Y, Synthesis and gas sensing properties of NiO/SnO₂ hierarchical structures toward *ppb-level* acetone detection, *Materials Research Bulletin* (2010), https://doi.org/10.1016/j.materresbull.2018.02.006

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

Synthesis and gas sensing properties of NiO/SnO₂ hierarchical structures toward *ppb-level* acetone detection

Jie Hu a*, Jie Yang a, Wenda Wang a, Yan Xue a, Yongjiao Sun a, Pengwei Li a, Kun Lian a, Wendong Zhang a, Lin Chen b*, Jian Shi c, Yong Chen c

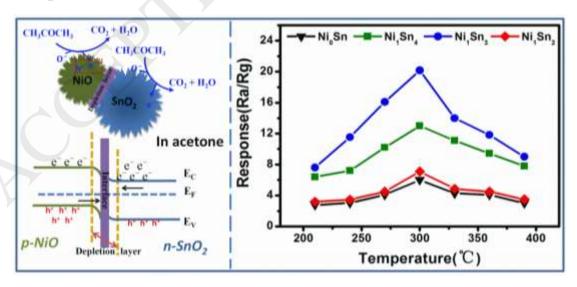
^aMicro and Nano System Research Center, Key Lab of Advanced Transducers and Intelligent Control System
(Ministry of Education) & College of Information Engineering, Taiyuan University of Technology, Taiyuan
030024, Shanxi, China

^bResearch Center on Advanced Materials Science and Technology, Taiyuan University of Technology, Taiyuan 030024, Shanxi, China

^cEcole Normale Supérieure-PSL Research University, Département de Chimie, Sorbonne Universités - UPMC Univ Paris 06, CNRS UMR 8640 PASTEUR, 24, rue Lhomond, 75005 Paris, France

* Corresponding author. Email: hujie@tyut.edu.cn; chenlin01@tyut.edu.cn; chenlin01@tyut.edu.cn; chenlin01@tyut.edu.cn; hujie@tyut.edu.cn; chenlin01@tyut.edu.cn; hujie@tyut.edu.cn; <a href="mailto:hujie@t

Graphical abstract



Download English Version:

https://daneshyari.com/en/article/7904810

Download Persian Version:

https://daneshyari.com/article/7904810

<u>Daneshyari.com</u>