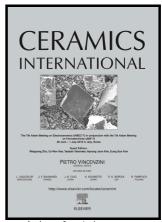
### Author's Accepted Manuscript

Properties of a single SnO<sub>2</sub>:Zn<sub>2</sub>SnO<sub>4</sub> functionalized nanowire based nanosensor

Oleg Lupan, Niklas Wolff, Vasile Postica, Tudor Braniste, Ingo Paulowicz, Viktor Hrkac, Yogendra Kumar Mishra, Ion Tiginyanu, Lorenz Kienle, Rainer Adelung



www.elsevier.com/locate/ceri

PII: S0272-8842(17)32770-0

DOI: https://doi.org/10.1016/j.ceramint.2017.12.075

Reference: CERI16955

To appear in: Ceramics International

Received date: 19 August 2017 Revised date: 9 November 2017 Accepted date: 11 December 2017

Cite this article as: Oleg Lupan, Niklas Wolff, Vasile Postica, Tudor Braniste, Ingo Paulowicz, Viktor Hrkac, Yogendra Kumar Mishra, Ion Tiginyanu, Lorenz Kienle and Rainer Adelung, Properties of a single SnO<sub>2</sub>:Zn<sub>2</sub>SnO<sub>4</sub> - functionalized nanowire based nanosensor, *Ceramics International*, https://doi.org/10.1016/j.ceramint.2017.12.075

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 galley proof before it is published in its final citable 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

# Properties of a single SnO<sub>2</sub>:Zn<sub>2</sub>SnO<sub>4</sub> - functionalized nanowire based nanosensor

Oleg Lupan, <sup>1,2,\*</sup> Niklas Wolff, <sup>1</sup> Vasile Postica, <sup>2</sup> Tudor Braniste, <sup>2</sup> Ingo Paulowicz, <sup>3</sup> Viktor Hrkac, <sup>1</sup> Yogendra Kumar Mishra, <sup>1</sup> Ion Tiginyanu, <sup>2</sup> Lorenz Kienle, <sup>1,\*</sup> Rainer Adelung <sup>1,\*</sup>

- [1] Institute for Materials Science, Kiel University, D-24143 Kiel, Germany
- [2] Department of Microelectronics and Biomedical Engineering, Technical University of Moldova, 168 Stefan cel Mare Av., MD-2004 Chisinau, Republic of Moldova
- [3] Phi-Stone AG, D-24143 Kiel, Germany

#### \*Corresponding authors

Prof. Dr. Oleg Lupan (Email: ollu@tf.uni-kiel.de oleg.lupan@mib.utm.md)

Prof. Dr. Lorenz Kienle (Email: lk@tf.uni-kiel.de)
Prof. Dr. Rainer Adelung (Email: ra@tf.uni-kiel.de)
Institute for Materials Science, Kiel University, Germany

Acceloited.

#### Download English Version:

# https://daneshyari.com/en/article/7888170

Download Persian Version:

https://daneshyari.com/article/7888170

<u>Daneshyari.com</u>