

Accepted Manuscript

Title: Palladium Nanogap-based H₂ Sensors on a Patterned Elastomeric Substrate Using Nanoimprint Lithography

Author: Byungjin Jang Sungmee Cho Cheolmin Park Heon Lee Min-Jung Song Wooyoung Lee



PII: S0925-4005(15)30056-3
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2015.06.142>
Reference: SNB 18719

To appear in: *Sensors and Actuators B*

Received date: 28-1-2015
Revised date: 1-6-2015
Accepted date: 30-6-2015

Please cite this article as: B. Jang, S. Cho, C. Park, H. Lee, M.-J. Song, W. Lee, Palladium Nanogap-based H₂ Sensors on a Patterned Elastomeric Substrate Using Nanoimprint Lithography, *Sensors and Actuators B: Chemical* (2015), <http://dx.doi.org/10.1016/j.snb.2015.06.142>

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.

RESPONSE TO THE REVIEWER 2

Palladium Nanogap-based H₂ Sensors on a Patterned Elastomeric Substrate Using Nanoimprint Lithography

Byungjin Jang^a, Sungmee Cho^a, Cheolmin Park^a, Heon Lee^b, Min-Jung Song^{c,*} and
Wooyoung Lee^{a,*}

^a*Department of Materials Science and Engineering, Yonsei University, 262 Seongsanno, Seoul 120-749, Republic of Korea*

^b*Department of Materials Science and Engineering, Korea University 5-1 Anam-dong, Sungbuk-gu, Seoul 136-701, Republic of Korea*

^c*College of Liberal Art & Interdisciplinary Studies, Kyonggi University, 154-42 Gwanggyosan-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-760, Korea*

*Author to whom correspondence should be addressed: e-mail: wooyoung@yonsei.ac.kr, Phone: +82 2 2123 2834, Fax: +82 2 312 5375; e-mail: mjsong@kyonggi.ac.kr

We are grateful to the Reviewer 2 for a careful and thorough report, and for raising numerous issues that relate directly to the clarity of the manuscript and the interpretation of the data. After discussing his (her) report, we agree with the suggestion of the Reviewer 2 to submit the revised manuscript to *Sensors and Actuators B: Chemical*. We respond to the Reviewer's comments below, point by point, and describe the associated revisions to the manuscript.

1. The novelty of the sensors compared to ref [19] and [25].

Download English Version:

<https://daneshyari.com/en/article/7145587>

Download Persian Version:

<https://daneshyari.com/article/7145587>

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