

## Accepted Manuscript

Title: Efficient Wide Range Electrochemical Bisphenol-A Sensor by Single Dendritic Mesoporous Platinum Nanoparticles on Screen-Printed Carbon Electrode

Authors: Kyubin Shim, Jeonghun Kim, Mohammed Shahabuddin, Yusuke Yamauchi, Md Shahriar Al Hossain, Jung Ho Kim



PII: S0925-4005(17)31762-8  
DOI: <http://dx.doi.org/10.1016/j.snb.2017.09.096>  
Reference: SNB 23187

To appear in: *Sensors and Actuators B*

Received date: 6-7-2017  
Revised date: 29-8-2017  
Accepted date: 14-9-2017

Please cite this article as: Kyubin Shim, Jeonghun Kim, Mohammed Shahabuddin, Yusuke Yamauchi, Md Shahriar Al Hossain, Jung Ho Kim, Efficient Wide Range Electrochemical Bisphenol-A Sensor by Single Dendritic Mesoporous Platinum Nanoparticles on Screen-Printed Carbon Electrode, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.09.096>

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.

# Efficient Wide Range Electrochemical Bisphenol-A Sensor by Single Dendritic Mesoporous Platinum Nanoparticles on Screen-Printed Carbon Electrode

Kyubin Shim<sup>a</sup>, Jeonghun Kim<sup>a</sup>, Mohammed Shahabuddin<sup>b</sup>, Yusuke Yamauchi<sup>a</sup>, Md Shahriar Al Hossain<sup>a,\*</sup>, Jung Ho Kim<sup>a,\*</sup>

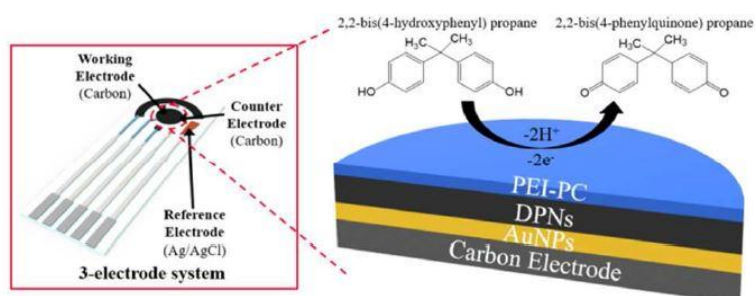
<sup>a</sup> Institute for Superconducting and Electronic Materials (ISEM), Australian Institute for Innovative Materials (AIIM), University of Wollongong, North Wollongong, NSW 2500, Australia

<sup>b</sup> Department of Physics and Astronomy, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia

\*Corresponding authors:

M.S.A. Hossain (shahriar@uow.edu.au) & J.H. Kim (jhk@uow.edu.au)

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/7141821>

Download Persian Version:

<https://daneshyari.com/article/7141821>

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