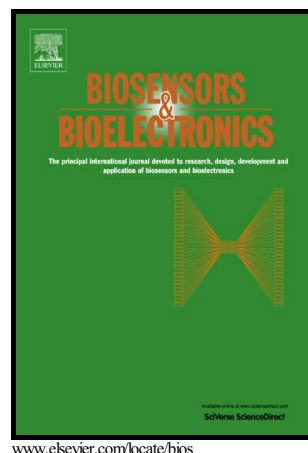


Paper-based biosensor relying on flower-like reduced graphene guided enzymatically deposition of polyaniline for Pb²⁺ detection

Shenguang Ge, Kaiqing Wu, Yan Zhang, Mei Yan, Jinghua Yu



PII: S0956-5663(16)30083-5
DOI: <http://dx.doi.org/10.1016/j.bios.2016.01.072>
Reference: BIOS8412

To appear in: *Biosensors and Bioelectronics*

Received date: 7 December 2015
Revised date: 15 January 2016
Accepted date: 28 January 2016

Cite this article as: Shenguang Ge, Kaiqing Wu, Yan Zhang, Mei Yan and Jinghua Yu, Paper-based biosensor relying on flower-like reduced graphene guided enzymatically deposition of polyaniline for Pb²⁺ detection, *Biosensor and Bioelectronics*, <http://dx.doi.org/10.1016/j.bios.2016.01.072>

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.

Paper-based biosensor relying on flower-like reduced graphene guided enzymatically deposition of polyaniline for Pb^{2+} detection

Shenguang Ge^{a,b}, Kaiqing Wu^a, Yan Zhang^a, , Mei Yan^a, Jinghua Yu^{a*}

^a School of Chemistry and Chemical Engineering, University of Jinan, Jinan 250022 (P. R. China)

^b Shandong Provincial Key Laboratory of Preparation and Measurement of Building Materials, University of Jinan, Jinan 250022 (P.R. China)

*Corresponding author: Jinghua Yu

E-mail: ujn.yujh@gmail.com

Telephone: +86-531-82767161

Download English Version:

<https://daneshyari.com/en/article/7230732>

Download Persian Version:

<https://daneshyari.com/article/7230732>

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