

Accepted Manuscript

An acetylcholinesterase biosensor based on platinum nanoparticles-carboxylic graphene-nafion modified electrode for detection of pesticides

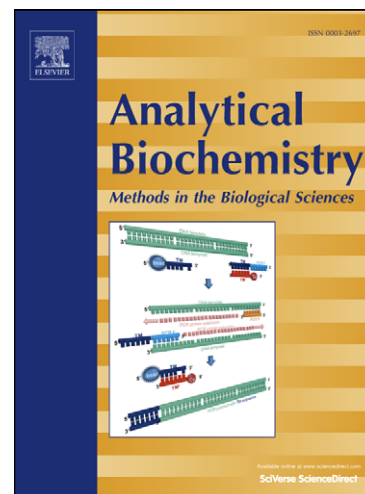
Long Yang, Guangcan Wang, Yongjun Liu

PII: S0003-2697(13)00123-1
DOI: <http://dx.doi.org/10.1016/j.ab.2013.03.004>
Reference: YABIO 11277

To appear in: *Analytical Biochemistry*

Received Date: 16 December 2012
Revised Date: 2 March 2013
Accepted Date: 4 March 2013

Please cite this article as: L. Yang, G. Wang, Y. Liu, An acetylcholinesterase biosensor based on platinum nanoparticles-carboxylic graphene-nafion modified electrode for detection of pesticides, *Analytical Biochemistry* (2013), doi: <http://dx.doi.org/10.1016/j.ab.2013.03.004>



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.

Title page:

Title: An acetylcholinesterase biosensor based on platinum nanoparticles-carboxylic graphene-nafion modified electrode for detection of pesticides

Short title: AChE biosensor based on Pt NPs-CGR-NF/GCE

Subject category: enzymatic assays and analyses

Long Yang, Guangcan Wang*, Yongjun Liu

School of Chemical Science and engineering, Yunnan University, Kunming 650091, China

**Corresponding author: Guangcan Wang, E-mail address: wangc166163@sina.com*

Tel: 86-871-5033218, Fax: 86-871-5033214

Download English Version:

<https://daneshyari.com/en/article/10532819>

Download Persian Version:

<https://daneshyari.com/article/10532819>

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