

Accepted Manuscript

A sensitive electrochemiluminescence glucose biosensor based on graphene quantum dot prepared from graphene oxide sheets and hydrogen peroxide

Kaile Tian, Fei Nie, Kai Luo, Xiaohui Zheng, Jianbin Zheng



PII: S1572-6657(17)30504-0
DOI: doi: [10.1016/j.jelechem.2017.07.019](https://doi.org/10.1016/j.jelechem.2017.07.019)
Reference: JEAC 3407
To appear in: *Journal of Electroanalytical Chemistry*
Received date: 14 April 2017
Revised date: 7 July 2017
Accepted date: 12 July 2017

Please cite this article as: Kaile Tian, Fei Nie, Kai Luo, Xiaohui Zheng, Jianbin Zheng , A sensitive electrochemiluminescence glucose biosensor based on graphene quantum dot prepared from graphene oxide sheets and hydrogen peroxide, *Journal of Electroanalytical Chemistry* (2017), doi: [10.1016/j.jelechem.2017.07.019](https://doi.org/10.1016/j.jelechem.2017.07.019)

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.

**A sensitive electrochemiluminescence glucose biosensor based on
graphene quantum dot prepared from graphene oxide sheets and
hydrogen peroxide**

Kaile Tian¹, Fei Nie^{1*}, Kai Luo¹, Xiaohui Zheng¹, Jianbin Zheng¹

1. Institute of Analytical Science/Shaanxi Provincial Key Laboratory of Electroanalytical
Chemistry, Northwest University, Xi'an, Shaanxi 710069, China

*Corresponding author: Tel.: 86-29-88303448

Email: niefei@nwu.edu.cn

Download English Version:

<https://daneshyari.com/en/article/4907644>

Download Persian Version:

<https://daneshyari.com/article/4907644>

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