

## Accepted Manuscript

Fabrication of high-intensity electron transfer electrochemiluminescence interface for Hg<sup>2+</sup> detection by using reduced graphene oxide-Au nanoparticles nanocomposites and CdS quantum dots



Leqian Hu, Zhimin Liu, Yijie Hu, Haijun Zhan, Junliang Zhu, Xianguo Ge

PII: S1572-6657(18)30444-2  
DOI: doi:[10.1016/j.jelechem.2018.06.029](https://doi.org/10.1016/j.jelechem.2018.06.029)  
Reference: JEAC 4127  
To appear in: *Journal of Electroanalytical Chemistry*  
Received date: 8 April 2018  
Revised date: 12 June 2018  
Accepted date: 13 June 2018

Please cite this article as: Leqian Hu, Zhimin Liu, Yijie Hu, Haijun Zhan, Junliang Zhu, Xianguo Ge , Fabrication of high-intensity electron transfer electrochemiluminescence interface for Hg<sup>2+</sup> detection by using reduced graphene oxide-Au nanoparticles nanocomposites and CdS quantum dots. *Jeac* (2018), doi:[10.1016/j.jelechem.2018.06.029](https://doi.org/10.1016/j.jelechem.2018.06.029)

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**

Fabrication of high-intensity electron transfer electrochemiluminescence interface for  $\text{Hg}^{2+}$  detection by using reduced graphene oxide-Au nanoparticles nanocomposites and CdS quantum dots

Leqian Hu, Zhimin Liu\*, Yijie Hu, Haijun Zhan, Junliang Zhu, Xianguo Ge

College of Chemistry and Chemical Engineering, Henan University of Technology,  
Zhengzhou 450001, China

\*Corresponding author

Tel: 86-371-67756718

Fax: 86-371-67756718

E-mail address: zhimin@haut.edu.cn (Z.M. Liu)

100 North Zhongyuan Road

Zhengzhou 450001

P. R. China

Download English Version:

<https://daneshyari.com/en/article/6661610>

Download Persian Version:

<https://daneshyari.com/article/6661610>

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