Accepted Manuscript

Title: Size controllable preparation of gold nanoparticles loading on graphene sheets@cerium oxide nanocomposites modified gold electrode for nonenzymatic hydrogen peroxide detection

Author: Xin Yang Yuejun Ouyang Feng Wu Yangjian Hu

Yang Ji Zhaoyang Wu

PII: S0925-4005(16)31050-4

DOI: http://dx.doi.org/doi:10.1016/j.snb.2016.07.016

Reference: SNB 20514

To appear in: Sensors and Actuators B

Received date: 14-3-2016 Revised date: 1-7-2016 Accepted date: 5-7-2016

Please cite this article as: Xin Yang, Yuejun Ouyang, Feng Wu, Yangjian Hu, Yang Ji, Zhaoyang Wu, Size controllable preparation of gold nanoparticles loading on graphene sheets@cerium oxide nanocomposites modified gold electrode for nonenzymatic hydrogen peroxide detection, Sensors and Actuators B: Chemical http://dx.doi.org/10.1016/j.snb.2016.07.016

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.



ACCEPTED MANUSCRIPT

Size controllable preparation of gold nanoparticles loading on graphene sheets@cerium oxide nanocomposites modified gold electrode for nonenzymatic hydrogen peroxide detection

Xin Yang^{a, b, c}, Yuejun Ouyang^{b, c,*}, Feng Wu^{b, c}, Yangjian Hu^{b, c}, Yang Ji^b, Zhaoyang Wu^{a, *}

^a State Key Laboratory of Chemo&Biosensing and Chemometrics, College of Chemistry and Chemical Engineering, Hunan University, Changsha 410082, PR China

^b Huaihua Key Laboratory of Functional Inorganic&Polymeric Materials, College of Chemistry and Materials Engineering, Huaihua University, Huaihua 418000, PR China

^c Key Laboratory of Rare Earth Optoelectronic Materials&Devices, College of Chemistry and Materials Engineering, Huaihua University, Huaihua 418000, PR China

^{*}Corresponding author. Tel.: +86 0731 88821989; fax: +86 0731 88821989. E-mail address: zywu@hnu.edu.cn.

Download English Version:

https://daneshyari.com/en/article/7142322

Download Persian Version:

https://daneshyari.com/article/7142322

<u>Daneshyari.com</u>