Accepted Manuscript

Title: Facilely electrodeposited coral-like copper micro-/nano-structure arrays with excellent performance in glucose sensing

Authors: Xiangjian Liu, Ling Long, Wenxiu Yang, Lulu Chen, Jianbo Jia

PII: \$0925-4005(18)30695-6

DOI: https://doi.org/10.1016/j.snb.2018.04.007

Reference: SNB 24482

To appear in: Sensors and Actuators B

Revised date: 9-3-2018 Accepted date: 2-4-2018

Please cite this article as: Xiangjian Liu, Ling Long, Wenxiu Yang, Lulu Chen, Jianbo Jia, Facilely electrodeposited coral-like copper micro-/nano-structure arrays with excellent performance in glucose sensing, Sensors and Actuators B: Chemical https://doi.org/10.1016/j.snb.2018.04.007

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.



Copper **Facilely Electrodeposited Coral-like** Micro-/Nano-Structure Arrays with Excellent Performance in Glucose Sensing

Xiangjian Liu ^{a,b}, Ling Long ^{a,b}, Wenxiu Yang ^c, Lulu Chen ^{a,b}, Jianbo Jia ^{*,a}

^a State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry,

Chinese Academy of Sciences, Changchun, Jilin 130022, China

^b University of Science and Technology of China, Hefei, Anhui 230026, China.

^cDepartment of Materials Science & Engineering & Department of Energy and Resources Engineering, College of Engineering, Peking University, Beijing 100871, China

Corresponding Author

*E-mail: jbjia@ciac.ac.cn

promising candidate choice for practical glucose sensing.

Graphical Abstract



PtF: Pt foil electrode CF: copper foil

CuCNA/CF: copper foil supported coral-like

micro-/nano-structure arrays

Download English Version:

https://daneshyari.com/en/article/7140093

Download Persian Version:

https://daneshyari.com/article/7140093

<u>Daneshyari.com</u>