

Accepted Manuscript

Title: Encapsulating Cu nanoparticles into metal-organic frameworks for nonenzymatic glucose sensing

Author: Libo Shi Xiang Zhu Tingting Liu Hongli Zhao
Minbo Lan



PII: S0925-4005(15)30817-0
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2015.12.092>
Reference: SNB 19493

To appear in: *Sensors and Actuators B*

Received date: 9-9-2015
Revised date: 5-11-2015
Accepted date: 28-12-2015

Please cite this article as: Libo Shi, Xiang Zhu, Tingting Liu, Hongli Zhao, Minbo Lan, Encapsulating Cu nanoparticles into metal-organic frameworks for nonenzymatic glucose sensing, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2015.12.092>

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.

Encapsulating Cu nanoparticles into metal-organic frameworks for nonenzymatic glucose sensing

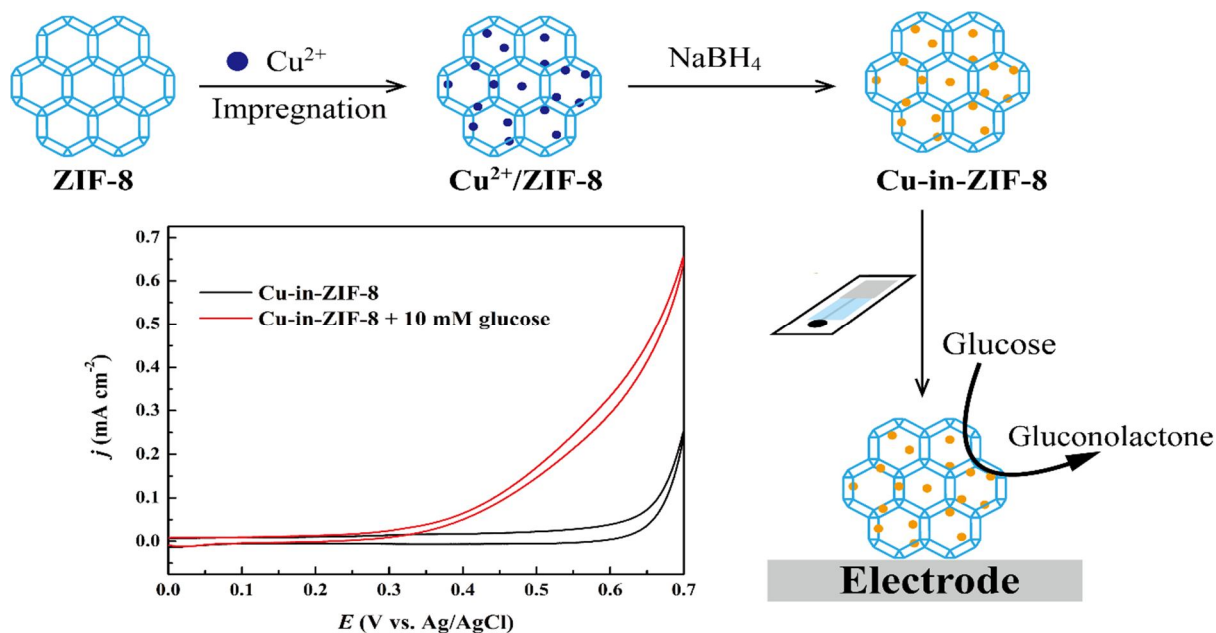
Libo Shi,^a Xiang Zhu,^a Tingting Liu,^a Hongli Zhao,^{a*} and Minbo Lan^{a,b,*}

^a Shanghai Key Laboratory of Functional Materials Chemistry, East China University of Science and Technology, Shanghai 200237, P R China

^b State Key Laboratory of Bioreactor Engineering, East China University of Science and Technology, Shanghai 200237, P R China

Graphical abstract

Cu nanoparticles are stably encapsulated in ZIF-8 for nonenzymatic glucose sensing in alkaline media.



Download English Version:

<https://daneshyari.com/en/article/7144772>

Download Persian Version:

<https://daneshyari.com/article/7144772>

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