

Accepted Manuscript

Highly sensitive non-enzymatic electrochemical glucose sensor
by Nafion/SBA-15-Cu (II) modified glassy carbon electrode

Mojtaba Shamsipur, Ziba Karimi, Mahmoud Amouzadeh Tabrizi,
Sadegh Rostamnia



PII: S1572-6657(17)30457-5
DOI: doi: [10.1016/j.jelechem.2017.06.029](https://doi.org/10.1016/j.jelechem.2017.06.029)
Reference: JEAC 3360
To appear in: *Journal of Electroanalytical Chemistry*
Received date: 27 March 2017
Revised date: 25 May 2017
Accepted date: 17 June 2017

Please cite this article as: Mojtaba Shamsipur, Ziba Karimi, Mahmoud Amouzadeh Tabrizi, Sadegh Rostamnia , Highly sensitive non-enzymatic electrochemical glucose sensor by Nafion/SBA-15-Cu (II) modified glassy carbon electrode, *Journal of Electroanalytical Chemistry* (2017), doi: [10.1016/j.jelechem.2017.06.029](https://doi.org/10.1016/j.jelechem.2017.06.029)

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.

**Highly sensitive non-enzymatic electrochemical glucose sensor by
Nafion/SBA-15-Cu (II) modified glassy carbon electrode**

Mojtaba Shamsipur ^{a,*}, Ziba Karimi ^{a,b}, Mahmoud Amouzadeh Tabrizi ^c, Sadegh Rostamnia^d

^a *Department of Medical Nanotechnology, School of Advanced Medical Technologies, Tehran University of Medical Sciences (TUMS), Tehran, Iran.*

^b *Department of Chemistry, Payame Noor University, 19395-3697 Tehran, I. R. Iran.*

^c *Nano Drug Delivery Research Center, Kermanshah University of Medical Sciences, Kermanshah, Iran*

^d *Organic and Nano Group (ONG), Department of Chemistry, Faculty of Science, University of Maragheh, Maragheh, Iran.*

* Corresponding author:

E-mail address: mshamsipur@yahoo.com

Download English Version:

<https://daneshyari.com/en/article/4907768>

Download Persian Version:

<https://daneshyari.com/article/4907768>

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