

Accepted Manuscript

High-performance glucose biosensor based on green synthesized zinc oxide nanoparticle embedded nitrogen-doped carbon sheet

Nallal Muthuchamy, Raji Atchudan, Thomas Nesakumar Jebakumar Immanuel Edison, Suguna Perumal, Yong Rok Lee



PII: S1572-6657(18)30234-0
DOI: doi:[10.1016/j.jelechem.2018.03.059](https://doi.org/10.1016/j.jelechem.2018.03.059)
Reference: JEAC 3975
To appear in: *Journal of Electroanalytical Chemistry*
Received date: 2 January 2018
Revised date: 12 March 2018
Accepted date: 26 March 2018

Please cite this article as: Nallal Muthuchamy, Raji Atchudan, Thomas Nesakumar Jebakumar Immanuel Edison, Suguna Perumal, Yong Rok Lee , High-performance glucose biosensor based on green synthesized zinc oxide nanoparticle embedded nitrogen-doped carbon sheet. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jeac(2017), doi:[10.1016/j.jelechem.2018.03.059](https://doi.org/10.1016/j.jelechem.2018.03.059)

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.

High-performance glucose biosensor based on green synthesized zinc oxide nanoparticle embedded nitrogen-doped carbon sheet

Nallal Muthuchamy^{a,1}, Raji Atchudan^{b,1,*}, Thomas Nesakumar Jebakumar Immanuel Edison^b,
Suguna Perumal^c, Yong Rok Lee^{b,*}

^a*Research Institute of Advance Energy Technology, Kyungpook National University, Daegu
41566, Republic of Korea*

^b*School of Chemical Engineering, Yeungnam University, Gyeongsan 38541, Republic of
Korea*

^c*Department of Applied Chemistry, Kyungpook National University, Daegu 41566, Republic
of Korea*

*Corresponding authors.

E-mail addresses: atchudanr@yu.ac.kr (R. Atchudan); yrlee@yu.ac.kr (Y.R. Lee)

¹Authors contributed equally to this work

Download English Version:

<https://daneshyari.com/en/article/6661932>

Download Persian Version:

<https://daneshyari.com/article/6661932>

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