

## Accepted Manuscript

Title: Ultrasensitive Detection of Cancer Biomarkers Using Conducting Polymer/Electrochemically Reduced Graphene Oxide-based Biosensor: Application toward *BRCA1* Sensing

Authors: Saeed Shahrokhian, Razieh Salimian



PII: S0925-4005(18)30618-X  
DOI: <https://doi.org/10.1016/j.snb.2018.03.120>  
Reference: SNB 24405

To appear in: *Sensors and Actuators B*

Received date: 13-12-2017  
Revised date: 15-3-2018  
Accepted date: 19-3-2018

Please cite this article as: Saeed Shahrokhian, Razieh Salimian, Ultrasensitive Detection of Cancer Biomarkers Using Conducting Polymer/Electrochemically Reduced Graphene Oxide-based Biosensor: Application toward BRCA1 Sensing, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2018.03.120>

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.

# Ultrasensitive Detection of Cancer Biomarkers Using Conducting Polymer/Electrochemically Reduced Graphene Oxide-based Biosensor: Application toward *BRCA1* Sensing

Saeed Shahrokhian<sup>a,b\*</sup>, Razieh Salimian<sup>a</sup>

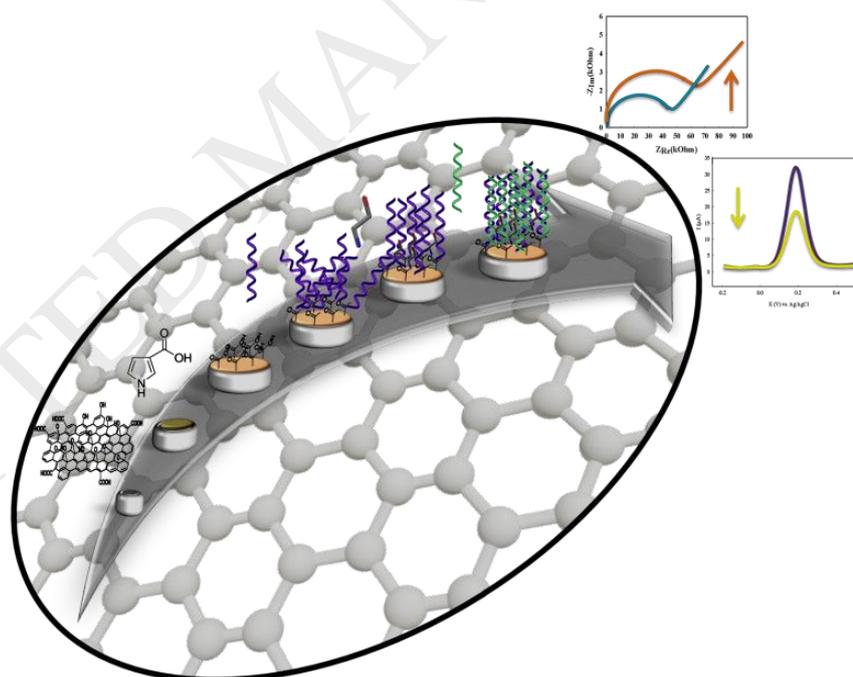
<sup>a</sup>Department of Chemistry, Sharif University of Technology, Tehran, 11155–9516, Iran

<sup>b</sup>Institute for Nanoscience and Nanotechnology, Sharif University of Technology, Tehran, Iran

\*Corresponding Author at: Department of Chemistry, Sharif University of Technology

Tel: (+98) 2166165359, E-mail address: shahrokhian@sharif.edu

## Graphical Abstract



Download English Version:

<https://daneshyari.com/en/article/7139735>

Download Persian Version:

<https://daneshyari.com/article/7139735>

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