

Accepted Manuscript

Electrochemical sensor for arsenite detection using graphene oxide assisted generation of prussian blue nanoparticles as enhanced signal label

Shao-Hua Wen, Yi Wang, Yan-Hong Yuan, Ru-Ping Liang, Jian-Ding Qiu



PII: S0003-2670(17)31335-1

DOI: [10.1016/j.aca.2017.11.057](https://doi.org/10.1016/j.aca.2017.11.057)

Reference: ACA 235571

To appear in: *Analytica Chimica Acta*

Received Date: 3 September 2017

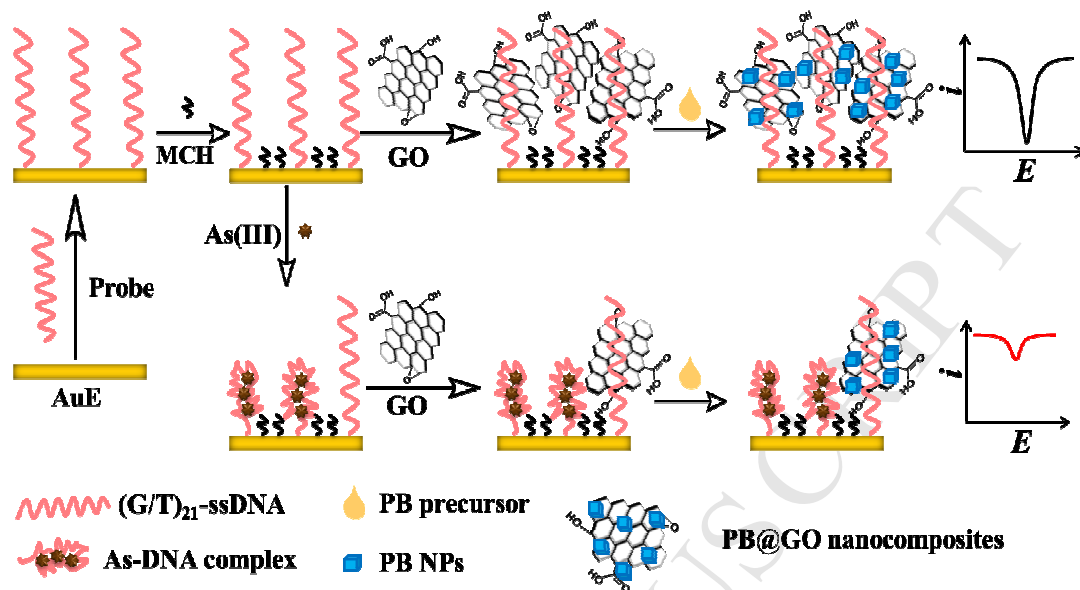
Revised Date: 10 November 2017

Accepted Date: 21 November 2017

Please cite this article as: S.-H. Wen, Y. Wang, Y.-H. Yuan, R.-P. Liang, J.-D. Qiu, Electrochemical sensor for arsenite detection using graphene oxide assisted generation of prussian blue nanoparticles as enhanced signal label, *Analytica Chimica Acta* (2017), doi: 10.1016/j.aca.2017.11.057.

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.

GRAPHICAL ABSTRACT



Schematic illustration of the sensor fabrication process and the generation of prussian blue nanoparticles on graphene oxide sheets used as electrochemical signal label for As(III) detection.

Download English Version:

<https://daneshyari.com/en/article/7554376>

Download Persian Version:

<https://daneshyari.com/article/7554376>

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