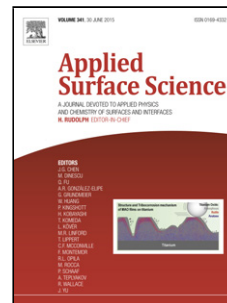


## Accepted Manuscript

Title: One-pot preparation of PEDOT: PSS-reduced graphene decorated with Au nanoparticles for enzymatic electrochemical sensing of H<sub>2</sub>O<sub>2</sub>

Authors: Luiza A. Mercante, Murilo H.M. Facure, Rafaela C. Sanfelice, Fernanda L. Migliorini, Luiz H.C. Mattoso, Daniel S. Correa



PII: S0169-4332(17)30529-9  
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2017.02.156>  
Reference: APSUSC 35265

To appear in: *APSUSC*

Received date: 25-1-2017  
Revised date: 17-2-2017  
Accepted date: 18-2-2017

Please cite this article as: Luiza A.Mercante, Murilo H.M.Facure, Rafaela C.Sanfelice, Fernanda L.Migliorini, Luiz H.C.Mattoso, Daniel S.Correa, One-pot preparation of PEDOT: PSS-reduced graphene decorated with Au nanoparticles for enzymatic electrochemical sensing of H<sub>2</sub>O<sub>2</sub>, Applied Surface Science <http://dx.doi.org/10.1016/j.apsusc.2017.02.156>

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.

## One-pot preparation of PEDOT:PSS-reduced graphene decorated with Au nanoparticles for enzymatic electrochemical sensing of H<sub>2</sub>O<sub>2</sub>

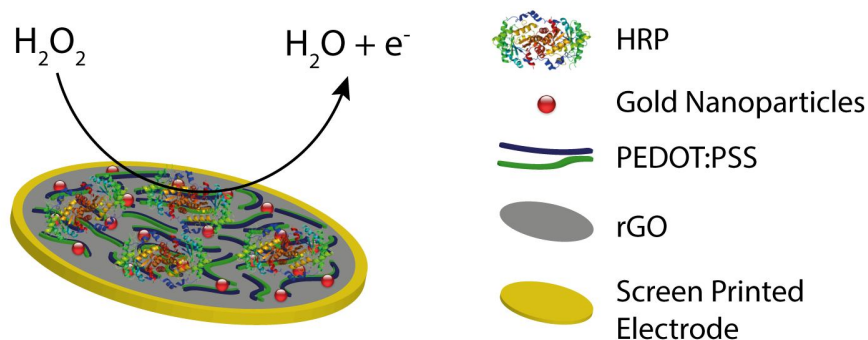
Luiza A. Mercante<sup>1\*</sup> [lamercante@gmail.com](mailto:lamercante@gmail.com), Murilo H. M. Facure,<sup>1,2</sup> Rafaela C. Sanfelice,<sup>1</sup> Fernanda L. Migliorini,<sup>1</sup> Luiz H. C. Mattoso,<sup>1</sup> Daniel S. Correa<sup>1,2\*</sup> [daniel.correa@embrapa.br](mailto:daniel.correa@embrapa.br)

<sup>1</sup>National Laboratory for Nanotechnology in Agribusiness (LNNA), Embrapa Instrumentation, 13560-970, São Carlos, SP, Brazil

<sup>2</sup>Center for Exact Sciences and Technology, Federal University of São Carlos (UFSCar), 13565-905, São Carlos, SP, Brazil

\*Corresponding authors

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/5351437>

Download Persian Version:

<https://daneshyari.com/article/5351437>

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