

Accepted Manuscript

A novel synthesis of non-aggregated spinel nickel ferrite nanosheets for developing non-enzymatic reactive oxygen species sensor in biological samples

Sakthivel Kogularasu, Mani Govindasamy, Shen-Ming Chen, Shih-Hao Lin, Muthumariappan Akilarasan, Veerappan Mani



PII: S1572-6657(18)30318-7
DOI: doi:[10.1016/j.jelechem.2018.04.058](https://doi.org/10.1016/j.jelechem.2018.04.058)
Reference: JEAC 4045

To appear in: *Journal of Electroanalytical Chemistry*

Received date: 7 March 2018
Revised date: 20 April 2018
Accepted date: 25 April 2018

Please cite this article as: Sakthivel Kogularasu, Mani Govindasamy, Shen-Ming Chen, Shih-Hao Lin, Muthumariappan Akilarasan, Veerappan Mani , A novel synthesis of non-aggregated spinel nickel ferrite nanosheets for developing non-enzymatic reactive oxygen species sensor in biological samples. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Jeac*(2017), doi:[10.1016/j.jelechem.2018.04.058](https://doi.org/10.1016/j.jelechem.2018.04.058)

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.

A Novel Synthesis of Non-Aggregated Spinel Nickel Ferrite Nanosheets for Developing Non-Enzymatic Reactive Oxygen Species Sensor in Biological Samples

Sakthivel Kogularasu¹, Mani Govindasamy¹, Shen-Ming Chen^{1}, Shih-Hao Lin¹, Muthumariappan Akilarasan¹, Veerappan Mani^{1,2}*

¹Department of Chemical Engineering and Biotechnology, National Taipei University of Technology, Taipei, Taiwan 106 (ROC).

²Institute of Biochemical and Biomedical Engineering, National Taipei University of Technology, No.1, Section 3, Chung-Hsiao East Road, Taipei 106, Taiwan

Corresponding author: S.-M. Chen, Email: smchen1957@gmail.com, smchen78@ms15.hinet.net, Tel: +886 2270 17147, Fax: +886 2270 25238.

Download English Version:

<https://daneshyari.com/en/article/6661710>

Download Persian Version:

<https://daneshyari.com/article/6661710>

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