Accepted Manuscript

An electrochemical sensing platform of cobalt oxide@gold nanocubes interleaved reduced graphene oxide for the selective determination of hydrazine

Muhammad Mehmood Shahid, Perumal Rameshkumar, Wan Jeffrey Basirunc, Upul Wijayantha, Wee Siong Chiu, Poi Sim Khiew, Nay Ming Huang

jound of the international society of Electrochamiery
Electrochimica
Acta

PII: S0013-4686(17)32292-2

DOI: 10.1016/j.electacta.2017.10.157

Reference: EA 30543

To appear in: Electrochimica Acta

Received Date: 28 July 2017
Revised Date: 7 October 2017

Accepted Date: 25 October 2017

Please cite this article as: M.M. Shahid, P. Rameshkumar, W.J. Basirunc, U. Wijayantha, W.S. Chiu, P.S. Khiew, N.M. Huang, An electrochemical sensing platform of cobalt oxide@gold nanocubes interleaved reduced graphene oxide for the selective determination of hydrazine, *Electrochimica Acta* (2017), doi: 10.1016/j.electacta.2017.10.157.

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.

ACCEPTED MANUSCRIPT
An electrochemical sensing platform of cobalt oxide@gold nanocubes interleaved reduced graphene oxide for the selective determination of hydrazine

Muhammad Mehmood Shahid^{1*}, Perumal Rameshkumar²**, Wan Jeffrey Basirunc³, Upul Wijayantha⁴, Wee Siong Chiu^{1*}, Poi Sim Khiew⁵, Nay Ming Huang⁶

¹Low Dimensional Materials Research Centre, Department of Physics, Faculty of Science, University of Malaya, Kuala Lumpur 50603, Malaysia

²Department of Chemistry, Kalasalingam University (Kalasalingam Academy of Research and Education), Krishnankoil, 626 126, Tamil Nadu, India

³Department of Chemistry, Faculty of Science, University of Malaya, Kuala Lumpur 50603, Malaysia

> ⁴Energy Research Laboratory, Department of Chemistry, Loughborough University, Loughborough, LE11 3TU, United Kingdom

⁵Faculty of Engineering, University of Nottingham Malaysia Campus, 43500, Semenyih, Selangor, Malaysia

⁶ New Energy Science & Engineering Department, University of Xiamen Malaysia, Jalan SunSuria, Bandar SunSuria, 43900 Sepang, Selangor Darul Ehsan, Malaysia

Download English Version:

https://daneshyari.com/en/article/6604920

Download Persian Version:

https://daneshyari.com/article/6604920

<u>Daneshyari.com</u>