

Accepted Manuscript

Title: Graphene-based materials via Benzidine-Assisted Exfoliation and Reduction of Graphite Oxide and their Electrochemical Properties

Author: E.C. Vermisoglou T. Giannakopoulou G. Romanos
N. Boukos V. Psycharis C. Lei C. Lekakou D. Petridis J.G. Yu
C. Trapalis



PII: S0169-4332(16)31722-6
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2016.08.079>
Reference: APSUSC 33828

To appear in: *APSUSC*

Received date: 4-6-2016
Revised date: 28-7-2016
Accepted date: 16-8-2016

Please cite this article as: E.C.Vermisoglou, T.Giannakopoulou, G.Romanos, N.Boukos, V.Psycharis, C.Lei, C.Lekakou, D.Petridis, J.G.Yu, C.Trapalis, Graphene-based materials via Benzidine-Assisted Exfoliation and Reduction of Graphite Oxide and their Electrochemical Properties, *Applied Surface Science* <http://dx.doi.org/10.1016/j.apsusc.2016.08.079>

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.

Graphene-based materials via Benzidine-Assisted Exfoliation and Reduction of Graphite Oxide and their Electrochemical Properties

E.C. Vermisoglou¹, T. Giannakopoulou¹, G. Romanos¹, N. Boukos¹,

V. Psycharis¹, C. Lei², C. Lekakou², D. Petridis¹, J.G. Yu³, C. Trapalis^{1,*}

*corresponding author: c.trapalis@inn.demokritos.gr

¹*Institute of Nanoscience and Nanotechnology “Demokritos”, 153 43, Ag. Paraskevi, Attikis, Greece*

²*Division of Mechanical, Medical, and Aerospace Engineering, Faculty of Engineering and Physical Sciences, University of Surrey, Guildford GU2 7XH, UK*

³*State Key Laboratory for Advanced Technology Materials Synthesis & Processing, Wuhan University of Technology, Wuhan 430070, P.R. China*

Download English Version:

<https://daneshyari.com/en/article/5354636>

Download Persian Version:

<https://daneshyari.com/article/5354636>

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