Accepted Manuscript

Title: Work function engineering of graphene oxide via covalent functionalization for organic field-effect transistors

Authors: Seulki Ji, Bok Ki Min, Seong K. Kim, Sung Myung, Minseo Kang, Hong-Suk Shin, Wooseok Song, Jungseok Heo, Jongsun Lim, Ki-Seok An, Ill-Young Lee, Sun Sook Lee



PII: S0169-4332(17)31330-2

DOI: http://dx.doi.org/doi:10.1016/j.apsusc.2017.05.028

Reference: APSUSC 35963

To appear in: APSUSC

Received date: 15-3-2017 Revised date: 26-4-2017 Accepted date: 3-5-2017

Please cite this article as: Seulki Ji, Bok Ki Min, Seong K.Kim, Sung Myung, Minseo Kang, Hong-Suk Shin, Wooseok Song, Jungseok Heo, Jongsun Lim, Ki-Seok An, Ill-Young Lee, Sun Sook Lee, Work function engineering of graphene oxide via covalent functionalization for organic field-effect transistors, Applied Surface Sciencehttp://dx.doi.org/10.1016/j.apsusc.2017.05.028

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

Work function engineering of graphene oxide via covalent functionalization for organic field-effect transistors

Seulki Ji,^{a,c,d} Bok Ki Min,^{a,d} Seong K. Kim,^a Sung Myung,^{*,a} Minseo Kang,^b Hong-Suk Shin,^b Wooseok Song,^a Jungseok Heo,^c Jongsun Lim,^a Ki-Seok An^a, Ill-Young Lee,^{*,b} and Sun Sook Lee^{*,a}

^aThin Film Materials Research Center, Korea Research Institute of Chemical Technology,

Daejeon 305-600, Republic of Korea

^bEco-Friendly New Materials Research Center, Korea Research Institute of Chemical Technology, Daejeon 305-600, Republic of Korea

^cDepartment of Chemistry, Chungnam National University, Daejeon, 305-764, Republic of Korea

^dThese authors contributed equally to this work

*E-mail: msung@krict.re.kr, iylee@krict.re.kr and sunsukl@krict.re.kr

Download English Version:

https://daneshyari.com/en/article/5346891

Download Persian Version:

https://daneshyari.com/article/5346891

<u>Daneshyari.com</u>