Accepted Manuscript

Highly sensitive and simultaneous detection of dopamine and uric acid at graphene nanoplatelet-modified fluorine-doped tin oxide electrode in the presence of ascorbic acid

Md. Mahbubur Rahman, Nasrin Siraj Lopa, Myung Jong Ju, Jae-Joon Lee

PII: S1572-6657(17)30216-3
DOI: doi: 10.1016/j.jelechem.2017.03.038
Reference: JEAC 3203

To appear in: *Journal of Electroanalytical Chemistry*

Received date: 28 September 2016
Revised date: 20 March 2017
Accepted date: 21 March 2017

Please cite this article as: Md. Mahbubur Rahman, Nasrin Siraj Lopa, Myung Jong Ju, Jae-Joon Lee , Highly sensitive and simultaneous detection of dopamine and uric acid at graphene nanoplatelet-modified fluorine-doped tin oxide electrode in the presence of ascorbic acid. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jeac(2017), doi: 10.1016/j.jelechem.2017.03.038

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

Highly Sensitive and Simultaneous Detection of Dopamine and Uric Acid at Graphene Nanoplatelet-Modified Fluorine-Doped Tin Oxide Electrode in the Presence of Ascorbic Acid

Md. Mahbubur Rahman[a, †], Nasrin Siraj Lopa[b, †], Myung Jong Ju[c], and Jae-Joon Lee[b,*]

[a]*Nanotechnology Research Center and Department of Applied Life Science, College of Biomedical and Health Science, Konkuk University, Chungju 380-701, Korea*

[b]*Department of Energy & Materials Engineering, Dongguk University, Seoul, 100-715, Korea*

[c]*Ulsan National Institute of Science and Technology (UNIST), School of Energy and Chemical Engineering/Centre for Dimension-Controllable Organic Frameworks, 50, UNIST, Ulsan 689-798, Korea*

ACCEPTED MANUSCRIPT

[†]Both authors contributed equally to this work

*Author to whom correspondence should be addressed: E-Mail: jjlee@dongguk.edu (J.J. Lee); Tel.: +82-2-2260-4979

Download English Version:

https://daneshyari.com/en/article/4907826

Download Persian Version:

https://daneshyari.com/article/4907826

Daneshyari.com