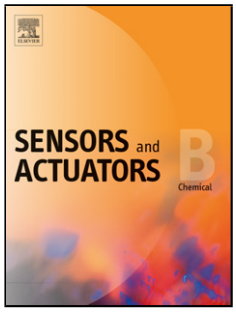

Title: A novel one-step and green synthesis of highly fluorescent carbon dots from saffron for cell imaging and sensing of prilocaine

Authors: Ali A. Ensafi, S. Hghighat Sefat, N. Kazemifard, B. Rezaei, F. Moradi

PII: S0925-4005(17)31182-6
DOI: http://dx.doi.org/doi:10.1016/j.snb.2017.06.163
Reference: SNB 22634

To appear in: *Sensors and Actuators B*

Received date: 17-3-2017
Revised date: 18-6-2017
Accepted date: 24-6-2017

Please cite this article as: Ali A.Ensafi, S.Hghighat Sefat, N.Kazemifard, B.Rezaei, F.Moradi, A novel one-step and green synthesis of highly fluorescent carbon dots from saffron for cell imaging and sensing of prilocaine, Sensors and Actuators B: Chemicalhttp://dx.doi.org/10.1016/j.snb.2017.06.163

A novel one-step and green synthesis of highly fluorescent carbon dots from saffron for cell imaging and sensing of prilocaine

Ali A. Ensafi[a]*, S. Hghighat Sefat[a], N. Kazemifard[a], B. Rezaei[a], F. Moradi[b]

[a]*Department of Chemistry, Isfahan University of Technology, Isfahan 84156–83111, Iran*

[b]*Department of Anatomy, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran.*

Corresponding author: Fax: +98–31–33912350; Tel.: +98–31–33913269; E–mail: Ensafi@cc.iut.ac.ir (A.A. Ensafi).

Graphical abstract