

Accepted Manuscript

Chemically clean single-step oxido-reductive synthesis of green luminescent graphene quantum dots as impending electrocatalyst

Jhimli Paul Guin, Saurav K. Guin, Tushar Debnath, Hirendra N. Ghosh



PII: S0008-6223(16)30694-7

DOI: [10.1016/j.carbon.2016.08.039](https://doi.org/10.1016/j.carbon.2016.08.039)

Reference: CARBON 11238

To appear in: *Carbon*

Received Date: 13 June 2016

Revised Date: 15 August 2016

Accepted Date: 16 August 2016

Please cite this article as: J.P. Guin, S.K. Guin, T. Debnath, H.N. Ghosh, Chemically clean single-step oxido-reductive synthesis of green luminescent graphene quantum dots as impending electrocatalyst, *Carbon* (2016), doi: 10.1016/j.carbon.2016.08.039.

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.

**Chemically Clean Single-Step Oxido-Reductive Synthesis of Green Luminescent
Graphene Quantum Dots as Impending Electrocatalyst**

Jhimli Paul Guin,^a Saurav K. Guin,^{b,*} Tushar Debnath,^c Hirendra N. Ghosh^{c,*}

^a*Radiation Technology Development Division, Bhabha Atomic Research Centre, Trombay,
Mumbai-400085, Maharashtra, India*

^b*Fuel Chemistry Division, Bhabha Atomic Research Centre, Trombay, Mumbai-400085,
Maharashtra, India*

^c*Radiation and Photochemistry Division, Bhabha Atomic Research Centre, Trombay,
Mumbai-400085, Maharashtra, India*

**Corresponding authors:*

Dr. Saurav K. Guin: E-mail: sauravkrugin@yahoo.co.in; skguin@barc.gov.in

Tel.: +91 22 2559 4598; Fax: +91 22 2550 5151

and Dr. H. N. Ghosh: E-mail: hnghosh@barc.gov.in

Download English Version:

<https://daneshyari.com/en/article/7849397>

Download Persian Version:

<https://daneshyari.com/article/7849397>

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