Accepted Manuscript

Title: Preparation and performance of polyaniline–multiwall carbon nanotubes–titanium dioxide ternary composite electrode material for supercapacitors

Authors: Bal Sydulu Singu, Umashankar Male, Palaniappan

Srinivasan, Kuk Ro Yoon

PII: S1226-086X(17)30026-6

DOI: http://dx.doi.org/doi:10.1016/j.jiec.2017.01.010

Reference: JIEC 3254

To appear in:

Received date: 18-10-2016 Revised date: 29-12-2016 Accepted date: 6-1-2017

Please cite this article as: Bal Sydulu Singu, Umashankar Male, Palaniappan Srinivasan, Kuk Ro Yoon, Preparation and performance of polyaniline-multiwall nanotubes-titanium dioxide composite carbon ternary electrode material supercapacitors, Journal of Industrial Engineering and Chemistry http://dx.doi.org/10.1016/j.jiec.2017.01.010

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

Preparation and performance of polyaniline-multiwall carbon nanotubes-titanium dioxide ternary composite electrode material for supercapacitors

Bal Sydulu Singu^{1,2,*}, Umashankar Male^{3,4}, Palaniappan Srinivasan⁴, Kuk Ro Yoon^{1,*}

¹Organic Nanomaterials Lab, Department of Chemistry, Hannam University, 461--6 Daejeon 305-811, South Korea

²Department of Chemistry, Osmania University, Hyderabad 500 007, India

³Department of Chemistry and Nano Science and Engineering, Center for Nano Manufacturing, Inje University, Kimhae, Gyeongnam 50834, South Korea

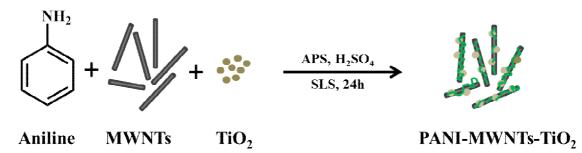
⁴Polymers and Functional Materials Division, CSIR-Indian Institute of Chemical Technology, Hyderabad 500 007, India

*Corresponding Author.: K. R. Yoon

Phone: +82-42-629-8826 Fax: +82-42-629-8811

E-mail address: kryoon@hnu.kr

Graphical abstract



Download English Version:

https://daneshyari.com/en/article/6668483

Download Persian Version:

https://daneshyari.com/article/6668483

<u>Daneshyari.com</u>