

Accepted Manuscript

Bio-inspired and lanthanide-induced hierarchical sodium alginate/graphene oxide composite paper with enhanced physicochemical properties

Shunli Liu, Jun Ling, Kewen Li, Fang Yao, Olayinka Oderinde, Zhihong Zhang, Guodong Fu



PII: S0266-3538(16)30666-2

DOI: [10.1016/j.compscitech.2017.01.009](https://doi.org/10.1016/j.compscitech.2017.01.009)

Reference: CSTE 6631

To appear in: *Composites Science and Technology*

Received Date: 3 July 2016

Revised Date: 23 November 2016

Accepted Date: 13 January 2017

Please cite this article as: Liu S, Ling J, Li K, Yao F, Oderinde O, Zhang Z, Fu G, Bio-inspired and lanthanide-induced hierarchical sodium alginate/graphene oxide composite paper with enhanced physicochemical properties, *Composites Science and Technology* (2017), doi: 10.1016/j.compscitech.2017.01.009.

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.

Bio-inspired and Lanthanide-Induced Hierarchical Sodium**Alginate/Graphene Oxide Composite Paper with Enhanced Physicochemical****Properties**

Shunli Liu ^a, Jun Ling ^b, Kewen Li ^a, Fang Yao ^a, Olayinka Oderinde ^a, Zhihong Zhang ^{c*},

Guodong Fu ^{a*}

^a School of Chemistry and Chemical Engineering, Southeast University, Jiangning District, Nanjing, Jiangsu Province, China 211189.

^b School of Polymer Science and Engineering, Zhejiang University, Hangzhou, Zhejiang Province, China 310027

^c Henan Provincial Key Laboratory of Surface and Interface Science, Zhengzhou University of Light Industry, No. 166, Science Avenue, Zhengzhou, Henan Province, China 450002.

* To whom correspondence should be addressed:

Tel.: +86-25-52090625; Fax: +86-25-52090625

Email: 101010855@seu.edu.cn or mainzhz@163.com

Download English Version:

<https://daneshyari.com/en/article/5022143>

Download Persian Version:

<https://daneshyari.com/article/5022143>

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