

Accepted Manuscript

Title: Natural Polymer Konjac Glucomannan Mediated Assembly of Graphene Oxide as Versatile Sponges for Water Pollution Control

Authors: Tao Chen, Peiheng Shi, Jian Zhang, Yi Li, Tao Duan, Lichun Dai, Liang Wang, Xiaofang Yu, Wenkun Zhu



PII: S0144-8617(18)31051-8
DOI: <https://doi.org/10.1016/j.carbpol.2018.08.133>
Reference: CARP 14030

To appear in:

Received date: 23-4-2018
Revised date: 15-8-2018
Accepted date: 30-8-2018

Please cite this article as: Chen T, Shi P, Zhang J, Li Y, Duan T, Dai L, Wang L, Yu X, Zhu W, Natural Polymer Konjac Glucomannan Mediated Assembly of Graphene Oxide as Versatile Sponges for Water Pollution Control, *Carbohydrate Polymers* (2018), <https://doi.org/10.1016/j.carbpol.2018.08.133>

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.

Natural Polymer Konjac Glucomannan Mediated Assembly of Graphene Oxide as Versatile Sponges for Water Pollution Control

Tao Chen^{1,3#}, Peiheng Shi^{1#}, Jian Zhang¹, Yi Li¹, Tao Duan^{1,3}, Lichun Dai⁵, Liang Wang^{2*}, Xiaofang Yu^{4*}, Wenkun Zhu^{1,3*}

¹ State Key Laboratory of Environmentally Friendly Energy Materials, Southwest University of Science and Technology, Mianyang, Sichuan, 621010, P. R. China.

² Institute of Chemical Materials, China Academy of Engineering Physics, Mianyang, Sichuan, 621900, P. R. China.

³ Sichuan Co-Innovation Center for New Energetic Material, Southwest University of Science and Technology, Mianyang, Sichuan, 621010, P. R. China.

⁴ Institute of Nuclear Physics and Chemistry, China Academy of Engineering Physics, Mianyang, Sichuan, 621900, P. R. China.

⁵ Biogas Institute of Ministry of Agriculture, Chengdu, Sichuan, 610041, P. R. China.

These authors contributed equally.

*corresponding author: zhuwenkun@swust.edu.cn, yuxf_caep@sina.com, wangliang@caep.cn

Download English Version:

<https://daneshyari.com/en/article/10141285>

Download Persian Version:

<https://daneshyari.com/article/10141285>

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