Accepted Manuscript

Large-scale converting waste coffee grounds into functional carbon materials as high-efficient adsorbent for organic dyes

Xin Wen, Hansong Liu, Lu Zhang, Jing Zhang, Can Fu, Xiaoze Shi, Xuecheng Chen, Ewa Mijowska, Ming-Jun Chen, De-Yi Wang

PII:	S0960-8524(18)31425-1
DOI:	https://doi.org/10.1016/j.biortech.2018.10.011
Reference:	BITE 20575
To appear in:	Bioresource Technology
Received Date:	23 July 2018
Revised Date:	1 October 2018
Accepted Date:	4 October 2018



Please cite this article as: Wen, X., Liu, H., Zhang, L., Zhang, J., Fu, C., Shi, X., Chen, X., Mijowska, E., Chen, M-J., Wang, D-Y., Large-scale converting waste coffee grounds into functional carbon materials as high-efficient adsorbent for organic dyes, *Bioresource Technology* (2018), doi: https://doi.org/10.1016/j.biortech.2018.10.011

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

Large-scale converting waste coffee grounds into functional carbon materials as high-efficient adsorbent for organic dyes

Xin Wen^{a,b}, Hansong Liu^{a,c}, Lu Zhang^{a,d}, Jing Zhang^{a,d}, Can Fu^{a,d}, Xiaoze Shi^b,

Xuecheng Chen^b, Ewa Mijowska^b, Ming-Jun Chen^e, De-Yi Wang^{a,e*}

^aIMDEA Materials Institute, C/Eric Kandel, 2, 28906 Getafe, Madrid, Spain

^bNanomaterials Physicochemistry Department, Faculty of Chemical Technology and

Engineering, West Pomeranian University of Technology in Szczecin, al. Piastów 45,

70-311, Szczecin, Poland

C

^cSchool of Materials Science and Engineering, Beihang University, 100191 Beijing, China

^dUniversidad Politécnica de Madrid, E.T.S. de Ingenieros de Caminos, 28040 Madrid, Spain

^eSchool of Science, Xihua University, 610039 Chengdu, China ^{*}Corresponding author. E-mail address: deyi.wang@imdea.org (D.-Y. Wang) Download English Version:

https://daneshyari.com/en/article/11012239

Download Persian Version:

https://daneshyari.com/article/11012239

Daneshyari.com