Accepted Manuscript

Title: Regenerable Urchin-like Fe_3O_4@PDA-Ag Hollow Microspheres as Catalyst and Adsorbent for Enhanced Removal of Organic Dyes

Authors: Kuixin Cui, Bin Yan, Yijun Xie, Hui Qian, Xiaogang Wang, Qingxue Huang, Yuehui He, Shengming Jin, Hongbo Zeng

PII: S0304-3894(18)30087-6
DOI: https://doi.org/10.1016/j.jhazmat.2018.02.011
Reference: HAZMAT 19175

To appear in: *Journal of Hazardous Materials*

Received date: 16-9-2017
Revised date: 20-1-2018
Accepted date: 4-2-2018

Please cite this article as: Cui K, Yan B, Xie Y, Qian H, Wang X, Huang Q, He Y, Jin S, Zeng H, Regenerable Urchin-like Fe_3O_4@PDA-Ag Hollow Microspheres as Catalyst and Adsorbent for Enhanced Removal of Organic Dyes, *Journal of Hazardous Materials* (2010), https://doi.org/10.1016/j.jhazmat.2018.02.011

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

Regenerable Urchin-like Fe_3O_4@PDA-Ag Hollow Microspheres as Catalyst and Adsorbent for Enhanced Removal of Organic Dyes

Kuixin Cui[1,2,3], Bin Yan[2,4], Yijun Xie[2], Hui Qian,[5] Xiaogang Wang[6], Qingxue Huang[6], Yuehui He[3], Shengming Jin[1,] , Hongbo Zeng[2,*]*

[1]School of Minerals Processing and Bioengineering, Central South University, Changsha 410083, China

[2]Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta, T6G 1H9, Canada

[3]Powder metallurgy research institute, Central South University, Changsha 410083, China

[4]College of Light Industry, Textile & Food Engineering, Sichuan University, Chengdu, 610065, China

[5]National Institute for Nanotechnology, National Research Council, Edmonton, Alberta, T6G 2M9, Canada

[6]Schoolof Material Science & Engineering, Taiyuan University of Science and Technology, Taiyuan 030024, China

* *Email: shmjin@csu.edu.cn, phone:+86-0731-88877204 (S.J.) or*

Email: hongbo.zeng@ualberta.ca, phone: +1-780-492-1044 (H.Z.)

Download English Version:

https://daneshyari.com/en/article/6968820

Download Persian Version:

https://daneshyari.com/article/6968820

Daneshyari.com