Accepted Manuscript

Well-defined bioarchitecture for immobilization of chloroperoxidase on magnetic nanoparticles and its application in dye decolorization

Ru Cui, Chaohong Bai, Yucheng Jiang, Mancheng Hu, Shuni Li, Quanguo Zhai

PII:	S1385-8947(14)01128-0
DOI:	http://dx.doi.org/10.1016/j.cej.2014.08.074
Reference:	CEJ 12581
To appear in:	Chemical Engineering Journal
Received Date:	4 May 2014
Revised Date:	18 August 2014
Accepted Date:	20 August 2014



Please cite this article as: R. Cui, C. Bai, Y. Jiang, M. Hu, S. Li, Q. Zhai, Well-defined bioarchitecture for immobilization of chloroperoxidase on magnetic nanoparticles and its application in dye decolorization, *Chemical Engineering Journal* (2014), doi: http://dx.doi.org/10.1016/j.cej.2014.08.074

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

Well-defined bioarchitecture for immobilization of

chloroperoxidase on magnetic nanoparticles and its application

in dye decolorization

Ru Cui^a, Chaohong Bai^a, Yucheng Jiang^{a,b}*, Mancheng Hu^{a,b}, Shuni Li^{a,b}, Quanguo Zhai^{a,b}

a School of Chemistry & Chemical Engineering, Shaanxi Normal University, Xi'an, 710062, P.R. China

b Key Laboratory of Macromolecular Science of Shaanxi Province, Shaanxi Normal University, Xi'an, 710062,

P.R. China

* Corresponding author

Mailing Address: Dr. Yucheng Jiang

School of Chemistry& Chemical Engineering,

Shaanxi Normal University

Xi'an, No. 620 West Chang'an Road, Chang'an District; 710119, P.R.

China

E-mail: jyc@snnu.edu.cn

Phone: +86 29 81530763

Fax: +86 29 81530727

Co-author's e-mail: cuiru@stu.snnu.edu.cn

ç

baicaoer@stu.snnu.edu.cn

hmch@snnu.edu.cn

lishuni@snnu.edu.cn

zhaiqg@snnu.edu.cn

Download English Version:

https://daneshyari.com/en/article/6585938

Download Persian Version:

https://daneshyari.com/article/6585938

Daneshyari.com