Accepted Manuscript

Efficient degradation of nitrobenzene by Cu-Co-Fe-LDH catalyzed peroxymonosulfate to produce hydroxyl radicals

Hongtao Lu, Minghao Sui, Bojie Yuan, Jingyu Wang, Yanning Lv

PII:	S1385-8947(18)31828-X
DOI:	https://doi.org/10.1016/j.cej.2018.09.111
Reference:	CEJ 19950
To appear in:	Chemical Engineering Journal
Received Date:	13 July 2018
Revised Date:	11 September 2018
Accepted Date:	14 September 2018



Please cite this article as: H. Lu, M. Sui, B. Yuan, J. Wang, Y. Lv, Efficient degradation of nitrobenzene by Cu-Co-Fe-LDH catalyzed peroxymonosulfate to produce hydroxyl radicals, *Chemical Engineering Journal* (2018), doi: https://doi.org/10.1016/j.cej.2018.09.111

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

Efficient degradation of nitrobenzene by Cu-Co-Fe-LDH catalyzed

peroxymonosulfate to produce hydroxyl radicals

Hongtao Lu^{a,b}, Minghao Sui^{a,*}, Bojie Yuan^a, Jingyu Wang^a, Yanning Lv^a

^aState Key Laboratory of Pollution Control and Resource Reuse, Shanghai Institute of Pollution Control and Ecological Security, School of Environmental Science and Engineering, Tongji University, 1239 Siping Road, Shanghai 200092, People's Republic of China;

^bPost Doctoral Research Station, College of Civil Engineering, Tongji University, 1239 Siping Road, Shanghai 200092, People's Republic of China.

*Corresponding author: Tel: +86-21-65982691; Fax: +86-21-65986313, E-mail address: minghaosui@tongji.edu.cn

Corresponding author: Minghao Sui

Tel: +86-21-65982691; Fax: +86-21-65986313

E-mail: minghaosui@tongji.edu.cn

Postal Address: State Key Laboratory of Pollution Control and Resource Reuse, Shanghai Institute of

Pollution Control and Ecological Security, School of Environmental Science and Engineering,

Tongji University, 1239 Siping Road, Shanghai 200092, People's Republic of China.

Declarations of interest: none

Download English Version:

https://daneshyari.com/en/article/10225118

Download Persian Version:

https://daneshyari.com/article/10225118

Daneshyari.com