

Accepted Manuscript

Accelerated tetracycline degradation by persulfate activated with heterogeneous magnetic $\text{Ni}_x\text{Fe}_{3-x}\text{O}_4$ catalysts

Renpeng Guan, Xingzhong Yuan, Zhibin Wu, Hou Wang, Longbo Jiang, Jin Zhang, Yifu Li, Guangming Zeng, Dan Mo

PII: S1385-8947(18)31037-4
DOI: <https://doi.org/10.1016/j.cej.2018.05.195>
Reference: CEJ 19211

To appear in: *Chemical Engineering Journal*

Received Date: 10 February 2018
Revised Date: 29 May 2018
Accepted Date: 31 May 2018

Please cite this article as: R. Guan, X. Yuan, Z. Wu, H. Wang, L. Jiang, J. Zhang, Y. Li, G. Zeng, D. Mo, Accelerated tetracycline degradation by persulfate activated with heterogeneous magnetic $\text{Ni}_x\text{Fe}_{3-x}\text{O}_4$ catalysts, *Chemical Engineering Journal* (2018), doi: <https://doi.org/10.1016/j.cej.2018.05.195>



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.

Accelerated tetracycline degradation by persulfate activated with heterogeneous magnetic $\text{Ni}_x\text{Fe}_{3-x}\text{O}_4$ catalysts

Renpeng Guan ^{a, b}, Xingzhong Yuan ^{a, b, *}, Zhibin Wu ^{a, b, c}, Hou Wang ^{a, b, d, *}, Longbo Jiang ^{a, b}, Jin Zhang ^{a, b}, Yifu Li ^{a, b}, Guangming Zeng ^{a, b}, Dan Mo ^{a, b}

^a College of Environmental Science and Engineering, Hunan University, Changsha 410082, P.R. China

^b Key Laboratory of Environment Biology and Pollution Control, Hunan University, Ministry of Education, Changsha 410082, P.R. China

^c College of Bioscience and Biotechnology, Hunan Agricultural University, Changsha, 410128, PR China

^d School of Chemical & Biomedical Engineering, Nanyang Technological University, Singapore 639798, Singapore

* Corresponding author at: College of Environmental Science and Engineering, Hunan University, Changsha 410082, P.R. China. Tel.: +86-731-88664182; Fax: +86-731-88823701; E-mail address: yxz@hnu.edu.cn (X. Yuan) and huankewanghou024@163.com (H. Wang).

Download English Version:

<https://daneshyari.com/en/article/6578304>

Download Persian Version:

<https://daneshyari.com/article/6578304>

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