Accepted Manuscript

Title: A novel combination of oxidative degradation for benzotriazole removal using TiO₂ loaded on Fe^{II}Fe₂^{III}O₄@C as an efficient activator of peroxymonosulfate

Authors: Sahand Jorfi, Babak Kakavandi, Hojjatallah Ramezani Motlagh, Mehdi Ahmadi, Nemat Jaafarzadeh

PII: \$0926-3373(17)30675-6

DOI: http://dx.doi.org/doi:10.1016/j.apcatb.2017.07.035

Reference: APCATB 15867

To appear in: Applied Catalysis B: Environmental

Received date: 19-3-2017 Revised date: 10-5-2017 Accepted date: 10-7-2017

Please cite this article as: Sahand Jorfi, Babak Kakavandi, Hojjatallah Ramezani Motlagh, Mehdi Ahmadi, Nemat Jaafarzadeh, A novel combination of oxidative degradation for benzotriazole removal using TiO2 loaded on FeIIFe2IIIO4@C as an efficient activator of peroxymonosulfate, Applied Catalysis B, Environmentalhttp://dx.doi.org/10.1016/j.apcatb.2017.07.035

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

A novel combination of oxidative degradation for benzotriazole removal using TiO_2 loaded on $Fe^{II}Fe_2^{III}O_4@C$ as an efficient activator of peroxymonosulfate

Sahand Jorfi, Babak Kakavandi^{*}, Hojjatallah Ramezani Motlagh, Mehdi Ahmadi, Nemat Jaafarzadeh

Environmental Technologies Research Center, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

Department of Environmental Health Engineering, School of Health, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

_

^{*} Corresponding author at: Department of Environmental Health Engineering, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran. Fax: +98 918 130 4929. E-mail address: kakavandibvch@gmail.com (B. Kakavandi).

Download English Version:

https://daneshyari.com/en/article/4755972

Download Persian Version:

https://daneshyari.com/article/4755972

<u>Daneshyari.com</u>