#### Accepted Manuscript

Enhanced production of reactive oxidants by Fenton-like reactions in the presence of carbon materials

Jiwon Seo, Hye-Jin Lee, Hongshin Lee, Hyung-Eun Kim, Jeong Yong Lee, Han S. Kim, Changha Lee

PII:	\$1385-8947(15)00451-9
DOI:	http://dx.doi.org/10.1016/j.cej.2015.03.114
Reference:	CEJ 13465
To appear in:	Chemical Engineering Journal
Received Date:	23 January 2015
Revised Date:	18 March 2015
Accepted Date:	24 March 2015



Please cite this article as: J. Seo, H-J. Lee, H. Lee, H-E. Kim, J.Y. Lee, H.S. Kim, C. Lee, Enhanced production of reactive oxidants by Fenton-like reactions in the presence of carbon materials, *Chemical Engineering Journal* (2015), doi: http://dx.doi.org/10.1016/j.cej.2015.03.114

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

### Enhanced production of reactive oxidants by Fenton-

like reactions in the presence of carbon materials

Jiwon Seo<sup>a</sup>, Hye-Jin Lee<sup>a</sup>, Hongshin Lee<sup>a</sup>, Hyung-Eun Kim<sup>a</sup>, Jeong Yong Lee<sup>b</sup>

Han S. Kim<sup>c,\*</sup>, Changha Lee<sup>a,\*</sup>

 <sup>a</sup> School of Urban and Environmental Engineering, Ulsan National Institute of Science and Technology (UNIST), 50 UNIST-gil, Ulju-gun, Ulsan 689-798, Republic of Korea
<sup>b</sup>Southeast Sea Fisheries Research Center, National Fisheries Research and Development Institute (NFRDI), 397-68, Sanyangilju-ro, Sanyang-eup, Tongyeong-si, Gyeongsangnamdo 650-943, Republic of Korea

<sup>c</sup> Department of Environmental Engineering, Konkuk University, 120 Neungdong-ro, Gwangjin-gu, Seoul 143-701, Republic of Korea

#### Submitted to

**Chemical Engineering Journal** 

\*Corresponding author

Tel.: 82-2-450-4092 (H. S. Kim), 82-52-217-2812 (C. Lee)

Fax: 82-2-450-3542 (H. S. Kim), 82-52-217-2809 (C. Lee)

E-mail addresses: hankim@konkuk.ac.kr (H. S. Kim), clee@unist.ac.kr (C. Lee)

Download English Version:

# https://daneshyari.com/en/article/6584922

Download Persian Version:

https://daneshyari.com/article/6584922

Daneshyari.com