Accepted Manuscript

Persulfate activation in gas phase surface discharge plasma for synergetic removal of antibiotic in water

Shoufeng Tang, Deling Yuan, Yandi Rao, Na Li, Jinbang Qi, Tianze Cheng, Zhitao Sun, Jianmin Gu, Haiming Huang

PII: S1385-8947(17)32239-8

DOI: https://doi.org/10.1016/j.cej.2017.12.117

Reference: CEJ 18278

To appear in: Chemical Engineering Journal

Received Date: 11 September 2017 Revised Date: 22 November 2017 Accepted Date: 22 December 2017



Please cite this article as: S. Tang, D. Yuan, Y. Rao, N. Li, J. Qi, T. Cheng, Z. Sun, J. Gu, H. Huang, Persulfate activation in gas phase surface discharge plasma for synergetic removal of antibiotic in water, *Chemical Engineering Journal* (2017), doi: https://doi.org/10.1016/j.cej.2017.12.117

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

Persulfate activation in gas phase surface discharge plasma for synergetic removal of antibiotic in water

Shoufeng Tang¹, Deling Yuan^{1,*}, Yandi Rao¹, Na Li¹, Jinbang Qi¹, Tianze Cheng¹, Zhitao Sun¹,

Jianmin Gu¹, Haiming Huang^{1,**}

¹Hebei Key Laboratory of Applied Chemistry, School of Environmental and Chemical Engineering, Yanshan University, Qinhuangdao 066004, P. R. China

*Corresponding author:

Dr. Deling Yuan

E-mail: yuandeling83@126.com

Tel: +86-335-8387741

**Corresponding author:

Dr. Haiming Huang

Download English Version:

https://daneshyari.com/en/article/6580448

Download Persian Version:

https://daneshyari.com/article/6580448

<u>Daneshyari.com</u>