Accepted Manuscript

Title: Synergistic Ag/TiO₂-N Photocatalytic System and Its Enhanced Antibacterial Activity towards *Acinetobacter baumannii*

Authors: Guoxiang Yang, Haibo Yin, Wenhua Liu, Yuping Yang, Quan Zou, Liulin Luo, Huiping Li, Yuning Huo, Hexing Li

PII: S0926-3373(17)31038-X

DOI: https://doi.org/10.1016/j.apcatb.2017.10.052

Reference: APCATB 16132

To appear in: Applied Catalysis B: Environmental

Received date: 15-9-2017 Revised date: 18-10-2017 Accepted date: 24-10-2017

Please cite this article as: Guoxiang Yang, Haibo Yin, Wenhua Liu. Yuping Yang, Quan Zou, Liulin Luo, Huiping Li, Yuning Huo, Hexing Synergistic Ag/TiO2-N Photocatalytic System and Its Enhanced Antibacterial Activity towards Acinetobacter baumannii, Applied Catalysis B, Environmental https://doi.org/10.1016/j.apcatb.2017.10.052

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

Synergistic Ag/TiO₂-N Photocatalytic System and Its Enhanced Antibacterial Activity towards *Acinetobacter baumannii*

Guoxiang Yang^a, Haibo Yin^a, Wenhua Liu^a, Yuping Yang^a, Quan Zou^a, Liulin Luo^{b*}, Huiping Li^c, Yuning Huo^{a*}, Hexing Li^{a*}

Guoxiang Yang and Haibo Yin contributed equally to this work.

^a The Education Ministry Key Lab of Resource Chemistry, Shanghai Key Laboratory of Rare Earth Functional Materials, Shanghai Normal University, Shanghai 200234, China

^b Department of Clinical Laboratory Medicine, Shanghai Pulmonary Hospital, Tongji University School of Medicine, Shanghai 200433, China

^c Department of Respiratory Medicine, Shanghai Pulmonary Hospital, Tongji University School of Medicine, Shanghai 200433, China

Corresponding Author

- * Liulin Luo. Phone, Fax: 86-21-65115006-3022; E-mail: luoliulin@sina.com.
- * Yuning Huo. Phone, Fax: 86-21-6432-2272; E-mail: huoyuning@shnu.edu.cn.
- * Hexing Li. Phone, Fax: +86-21-6432-2272; E-mail: hexing-li@shnu.edu.cn.

Download English Version:

https://daneshyari.com/en/article/6498706

Download Persian Version:

https://daneshyari.com/article/6498706

<u>Daneshyari.com</u>