

Accepted Manuscript

Title: Exploring the photocatalysis mechanism on insulators

Authors: Fan Dong, Ting Xiong, Yanjuan Sun, Lilin Lu, Yuxin Zhang, Haijun Zhang, Hongwei Huang, Ying Zhou, Zhongbiao Wu



PII: S0926-3373(17)30731-2
DOI: <http://dx.doi.org/doi:10.1016/j.apcatb.2017.07.082>
Reference: APCATB 15914

To appear in: *Applied Catalysis B: Environmental*

Received date: 2-6-2017
Revised date: 20-7-2017
Accepted date: 26-7-2017

Please cite this article as: Fan Dong, Ting Xiong, Yanjuan Sun, Lilin Lu, Yuxin Zhang, Haijun Zhang, Hongwei Huang, Ying Zhou, Zhongbiao Wu, Exploring the photocatalysis mechanism on insulators, Applied Catalysis B, Environmental <http://dx.doi.org/10.1016/j.apcatb.2017.07.082>

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.

Exploring the photocatalysis mechanism on insulators

Fan Dong^{*,1}, Ting Xiong,¹ Yanjuan Sun,¹ Lilin Lu^{*,2}, Yuxin Zhang,³ Haijun Zhang,²
Hongwei Huang,⁴ Ying Zhou,⁵ Zhongbiao Wu,^{*,6}

¹ Chongqing Key Laboratory of Catalysis and New Environmental Materials, College of Environment and Resources, Chongqing Technology and Business University, 400067 Chongqing, China.

² College of Chemical Engineering and Technology, The State Key Laboratory of Refractories and Metallurgy, Wuhan University of Science and Technology, Wuhan 430081, China.

³ College of Materials Science and Engineering, National Key Laboratory of Fundamental Science of Micro/Nano-Devices and System Technology, Chongqing University, Chongqing 400044, China.

⁴ School of Materials Science and Technology, National Laboratory of Mineral Materials, China University of Geosciences, Beijing 100083, China.

⁵ The Center of New Energy Materials and Technology, School of Materials Science and Engineering, Southwest Petroleum University, Xindu Rd. 8, Chengdu 610500, China.

⁶ Department of Environmental Engineering, Key Laboratory of Environment Remediation and Ecological Health of Ministry of Education, Zhejiang University, Hangzhou 310058, China.

***Corresponding Author:**

Email address: dfctbu@126.com (Fan Dong), lulilin@wust.edu.cn (Lilin Lu),
zbwu@zju.edu.cn (Zhongbiao Wu); Tel/Fax: +86 23 62769785 605

Graphical Abstract

Download English Version:

<https://daneshyari.com/en/article/4755995>

Download Persian Version:

<https://daneshyari.com/article/4755995>

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