Accepted Manuscript

Enhanced Photocatalytic Activity of Mesoporous Carbon/C₃N₄ Composite Photocatalysts

Ning Ding, Longshuai Zhang, Muneaki Hashimoto, Kodai Iwasaki, Noriyasu Chikamori, Kazuya Nakata, Yuzhuan Xu, Jiangjian Shi, Huijue Wu, Yanhong Luo, Dongmei Li, Akira Fujishima, Qingbo Meng

PII: S0021-9797(17)31250-X

DOI: https://doi.org/10.1016/j.jcis.2017.10.081

Reference: YJCIS 22951

To appear in: Journal of Colloid and Interface Science

Received Date: 5 September 2017 Accepted Date: 22 October 2017



Please cite this article as: N. Ding, L. Zhang, M. Hashimoto, K. Iwasaki, N. Chikamori, K. Nakata, Y. Xu, J. Shi, H. Wu, Y. Luo, D. Li, A. Fujishima, Q. Meng, Enhanced Photocatalytic Activity of Mesoporous Carbon/C₃N₄ Composite Photocatalysts, *Journal of Colloid and Interface Science* (2017), doi: https://doi.org/10.1016/j.jcis. 2017.10.081

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 Photocatalytic Activity of Mesoporous

Carbon/C₃N₄ Composite Photocatalysts

Ning Ding,^{a, c} Longshuai Zhang,^{a, c} Muneaki Hashimoto,^b Kodai Iwasaki,^b Noriyasu Chikamori,^b Kazuya Nakata,^b Yuzhuan Xu,^{a, c} Jiangjian Shi,^{a, c} Huijue Wu,^{a, c} Yanhong Luo,^{a, c} Dongmei Li,^{a, c*} Akira Fujishima,^{b*} Qingbo Meng^{a, c*}

^a Key Laboratory for Renewable Energy, Chinese Academy of Sciences (CAS), Beijing Key Laboratory for New Energy Materials and Devices, Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, CAS, Beijing 100190, China.

^b Photocatalysis International Research Center, Research Institute for Science and Technology, Tokyo University of Science, 2641 Yamazaki, Noda, Chiba, 278-0022, Japan.

^c School of Physical Sciences, University of Chinese Academy of Sciences, Beijing 100049, China.

*Corresponding author.

Tel. /Fax: +86-10-8264-9242. Email: qbmeng@iphy.ac.cn(Q. Meng);

Tel. /Fax: +86-10-8264-9005. Email: dmli@iphy.ac.cn(D. Li);

Tel. /Fax: +81- 3-3260-4271. E-mail: fujishima akira@admin.tus.ac.jp(A. Fujishima).

Download English Version:

https://daneshyari.com/en/article/6993341

Download Persian Version:

https://daneshyari.com/article/6993341

<u>Daneshyari.com</u>