

Accepted Manuscript

Title: Defective Bi₄MoO₉/Bi metal core/shell heterostructure:
Enhanced visible light photocatalysis and reaction mechanism

Authors: Wenjie He, Yanjuan Sun, Guangming Jiang, Yuhan
Li, Xianming Zhang, Yuxin Zhang, Ying Zhou, Fan Dong



PII: S0926-3373(18)30802-6
DOI: <https://doi.org/10.1016/j.apcatb.2018.08.064>
Reference: APCATB 16964

To appear in: *Applied Catalysis B: Environmental*

Received date: 31-5-2018
Revised date: 20-8-2018
Accepted date: 23-8-2018

Please cite this article as: He W, Sun Y, Jiang G, Li Y, Zhang X, Zhang Y, Zhou Y, Dong F, Defective Bi₄MoO₉/Bi metal core/shell heterostructure: Enhanced visible light photocatalysis and reaction mechanism, *Applied Catalysis B: Environmental* (2018), <https://doi.org/10.1016/j.apcatb.2018.08.064>

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.

Defective $\text{Bi}_4\text{MoO}_9/\text{Bi}$ metal core/shell heterostructure: enhanced visible light photocatalysis and reaction mechanism

Wenjie He,^a Yanjuan Sun,^a Guangming Jiang,^{a,*} Yuhan Li,^a Xianming Zhang,^a Yuxin Zhang,^b Ying Zhou,^c Fan Dong^{a,c,*}

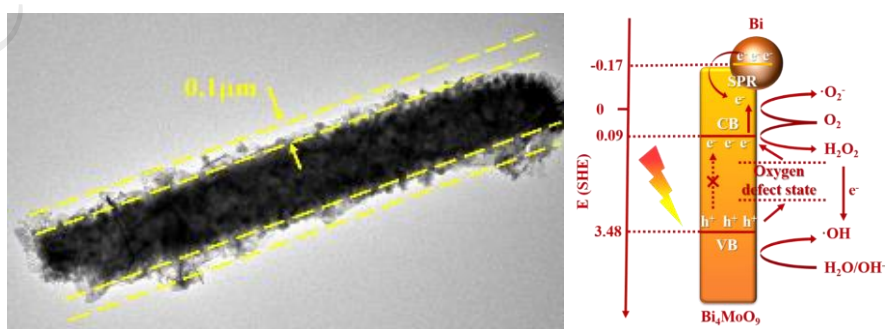
^a Chongqing Key Laboratory of Catalysis and New Environmental Materials, Engineering Research Center for Waste Oil Recovery Technology and Equipment of Ministry of Education, College of Environment and Resources, Chongqing Technology and Business University, Chongqing 400067, China.

^b College of Materials Science and Engineering, Chongqing University, Chongqing 400044, China.

^c The Center of New Energy Materials and Technology, School of Materials Science and Engineering, Southwest Petroleum University, Chengdu 610500, China.

* To whom the correspondence should be addressed. E-mail: jiangguangming@zju.edu.cn (G. Jiang), dfctbu@126.com (F. Dong). Phone: +86 23 62769785 605. Fax: +86 23 62769785 605.

Graphical Abstract



Download English Version:

<https://daneshyari.com/en/article/10999895>

Download Persian Version:

<https://daneshyari.com/article/10999895>

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