Accepted Manuscript

Full Length Article

Insight into crystal-structure dependent charge separation and photo-redox catalysis: A combined experimental and theoretical study on Bi(IO₃)₃ and BiOIO₃

Hongwei Huang, Fang Chen, Ali Hussain Reshak, Sushil Auluck, Yihe Zhang

PII: S0169-4332(18)31952-4

DOI: https://doi.org/10.1016/j.apsusc.2018.07.054

Reference: APSUSC 39869

To appear in: Applied Surface Science

Received Date: 1 April 2018 Revised Date: 8 July 2018 Accepted Date: 10 July 2018



Please cite this article as: H. Huang, F. Chen, A. Hussain Reshak, S. Auluck, Y. Zhang, Insight into crystal-structure dependent charge separation and photo-redox catalysis: A combined experimental and theoretical study on Bi(IO₃)₃ and BiOIO₃, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.07.054

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

Insight into crystal-structure dependent charge separation and photo-redox catalysis: A combined experimental and theoretical study on $Bi(IO_3)_3$ and $BiOIO_3$

Hongwei Huang^{a,*}, Fang Chen^a, Ali Hussain Reshak^b, Sushil Auluck^c, Yihe Zhang^{a,*}

^aBeijing Key Laboratory of Materials Utilization of Nonmetallic Minerals and Solid Wastes, National Laboratory of Mineral Materials, School of Materials Science and Technology, China University of Geosciences, Beijing 100083, China

^bNew Technologies - Research Centre, University of West Bohemia, Univerzitni 8, 306 14 Pilsen, Czech Republic

^cCouncil of Scientific and Industrial Research - National Physical Laboratory Dr. K S Krishnan Marg, New Delhi 110012, India

Corresponding Author:

*E-mail: hhw@cugb.edu.cn (Hongwei Huang); zyh@cugb.edu.cn (Yihe Zhang)

Download English Version:

https://daneshyari.com/en/article/7832809

Download Persian Version:

https://daneshyari.com/article/7832809

<u>Daneshyari.com</u>