Accepted Manuscript

Title: Facile Synthesis of Highly Efficient ZnO/ZnFe2O4 Photocatalyst using Earth-Abundant Sphalerite and Its Visible Light Photocatalytic Activity

Authors: Yan Li, Yanzhang Li, Yidong Yin, Dehua Xia, Hongrui Ding, Cong Ding, Jing Wu, Yunhua Yan, Yi Liu, Ning Chen, Po Keung Wong, Anhuai Lu

PII: S0926-3373(17)31200-6

DOI: https://doi.org/10.1016/j.apcatb.2017.12.051

Reference: APCATB 16286

To appear in: Applied Catalysis B: Environmental

Received date: 8-7-2017 Revised date: 14-11-2017 Accepted date: 19-12-2017

Please cite this article as: Yan Li, Yanzhang Li, Yidong Yin, Dehua Xia, Hongrui Ding, Cong Ding, Jing Wu, Yunhua Yan, Yi Liu, Ning Chen, Po Keung Wong, Anhuai Lu, Facile Synthesis of Highly Efficient ZnO/ZnFe2O4 Photocatalyst using Earth-Abundant Sphalerite and Its Visible Light Photocatalytic Activity, Applied Catalysis B, Environmental https://doi.org/10.1016/j.apcatb.2017.12.051

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

Facile Synthesis of Highly Efficient ZnO/ZnFe₂O₄ Photocatalyst using Earth-Abundant Sphalerite and Its Visible Light Photocatalytic Activity

Yan Li^{a,+}, Yanzhang Li ^{a,+}, Yidong Yin^a, Dehua Xia^b, Hongrui Ding^a, Cong Ding^a, Jing Wu^a, Yunhua Yan^a, Yi Liu^a, Ning Chen^c, Po Keung Wong^b and Anhuai Lu ^{a,*}

^a The Key Laboratory of Orogenic Belts and Crustal Evolution, Beijing Key Laboratory of Mineral Environmental Function, School of Earth and Space Sciences, Peking University, Beijing 100871, PR China.

^b School of Life Sciences, The Chinese University of Hong Kong, Shatin, NT, Hong Kong SAR, China

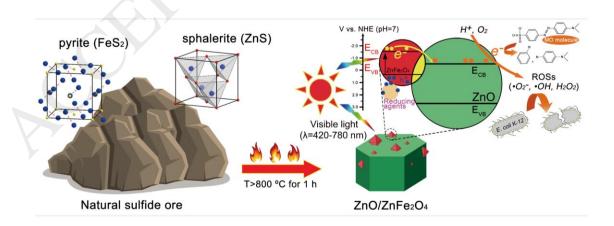
^c Canadian Light Source, 44 Innovation Blvd, Saskatoon, SK, Canada

+Equal contribution

*Corresponding author:

Anhuai Lu: Tel&Fax: +86-10-62753555, E-mail: ahlu@pku.edu.cn

Graphical abstract



Download English Version:

https://daneshyari.com/en/article/6498629

Download Persian Version:

https://daneshyari.com/article/6498629

<u>Daneshyari.com</u>