## Accepted Manuscript

Article

Enhanced photocatalytic hydrogen evolution along with byproducts suppressing over Z-scheme Cd  $_x$  Zn $_{1-}$   $_x$  S/Au/g-C $_3$ N $_4$  photocatalysts under visible light

He Zhao, Xiaoling Ding, Bing Zhang, Yingxuan Li, Chuanyi Wang

PII: S2095-9273(17)30128-7

DOI: http://dx.doi.org/10.1016/j.scib.2017.03.005

Reference: SCIB 80

To appear in: Science Bulletin

Received Date: 20 December 2016 Revised Date: 20 December 2016 Accepted Date: 27 February 2017



Please cite this article as: H. Zhao, X. Ding, B. Zhang, Y. Li, C. Wang, Enhanced photocatalytic hydrogen evolution along with byproducts suppressing over Z-scheme Cd  $_x$  Zn $_{1-}$   $_x$  S/Au/g-C $_3$ N $_4$  photocatalysts under visible light, *Science Bulletin* (2017), doi: http://dx.doi.org/10.1016/j.scib.2017.03.005

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**

This paper belongs to a mini Special Topic "Solar Photocatalytic Energy Conversion" which will be published in an issue together with other several papers.

Received: 20-Dec-2016

**Revised: 20-Dec-2016** 

Accepted: 27-Feb-2017

Enhanced photocatalytic hydrogen evolution along with byproducts suppressing over Z-scheme  $Cd_xZn_{1-x}S/Au/g-C_3N_4$  photocatalysts under visible light

He Zhao  $\cdot$  Xiaoling Ding  $\cdot$  Bing Zhang  $\cdot$  Yingxuan Li  $\cdot$  Chuanyi Wang

H. Zhao  $\cdot$  X. Ding  $\cdot$  B. Zhang  $\cdot$  Y. Li  $(\boxtimes)$   $\cdot$  C. Wang  $(\boxtimes)$ 

Laboratory of Environmental Sciences and Technology, Xinjiang Technical Institute of Physics & Chemistry, Urumqi 830011, China

Key Laboratory of Functional Materials and Devices for Special Environments, Chinese Academy of Sciences, Urumqi 830011, China

H. Zhao · X. Ding · B. Zhang

University of Chinese Academy of Sciences, Beijing 100049, China

Corresponding author:

e-mail: yxli@ms.xjb.ac.cn (Y. Li), cywang@ms.xjb.ac.cn (C. Wang)

## Download English Version:

## https://daneshyari.com/en/article/5788706

Download Persian Version:

https://daneshyari.com/article/5788706

<u>Daneshyari.com</u>