

# Accepted Manuscript

Full Length Article

Enhanced photocatalytic performances and magnetic recovery capacity of visible-light-driven Z-scheme  $\text{ZnFe}_2\text{O}_4/\text{AgBr}/\text{Ag}$  photocatalyst

Jie He, Yahui Cheng, Tianzhao Wang, Deqiang Feng, Lingcheng Zheng, Dawei Shao, Weichao Wang, Weihua Wang, Feng Lu, Hong Dong, Rongkun Zheng, Hui Liu

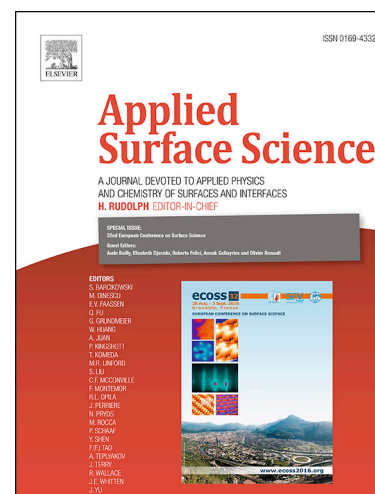
PII: S0169-4332(17)33819-9  
DOI: <https://doi.org/10.1016/j.apsusc.2017.12.219>  
Reference: APSUSC 38089

To appear in: *Applied Surface Science*

Received Date: 13 September 2017  
Revised Date: 4 December 2017  
Accepted Date: 24 December 2017

Please cite this article as: J. He, Y. Cheng, T. Wang, D. Feng, L. Zheng, D. Shao, W. Wang, W. Wang, F. Lu, H. Dong, R. Zheng, H. Liu, Enhanced photocatalytic performances and magnetic recovery capacity of visible-light-driven Z-scheme  $\text{ZnFe}_2\text{O}_4/\text{AgBr}/\text{Ag}$  photocatalyst, *Applied Surface Science* (2017), doi: <https://doi.org/10.1016/j.apsusc.2017.12.219>

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.



**Enhanced photocatalytic performances and magnetic recovery  
capacity of visible-light-driven Z-scheme ZnFe<sub>2</sub>O<sub>4</sub>/AgBr/Ag  
photocatalyst**

Jie He,<sup>a</sup> Yahui Cheng,<sup>a,b,†</sup> Tianzhao Wang,<sup>a</sup> Deqiang Feng,<sup>a</sup> Lingcheng Zheng,<sup>a</sup> Dawei Shao,<sup>a</sup> Weichao Wang,<sup>a</sup> Weihua Wang,<sup>a</sup> Feng Lu,<sup>a</sup> Hong Dong,<sup>a</sup> Rongkun Zheng<sup>b</sup> and Hui Liu<sup>a</sup>

<sup>a</sup> *Department of Electronics and Key Laboratory of Photo-Electronic Thin Film Devices and Technology of Tianjin, Nankai University, Tianjin 300350, China*

<sup>b</sup> *School of Physics, The University of Sydney, NSW 2006, Australia*

---

<sup>†</sup> Corresponding Author. Tel.: +86 22 23509930; fax: +86 22 23509930.  
E-mail address: chengyahui@nankai.edu.cn (Y. H. Cheng)

Download English Version:

<https://daneshyari.com/en/article/7835150>

Download Persian Version:

<https://daneshyari.com/article/7835150>

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