## Accepted Manuscript

Title: One-step hydrothermal fabrication of visible-light-responsive  $AgInS_2/SnIn_4S_8$  heterojunction for highly-efficient photocatalytic treatment of organic pollutants and real pharmaceutical industry wastewater



Authors: Fang Deng, Fei Zhong, Decai Lin, Lina Zhao, Yuejing Liu, Jinhong Huang, Xubiao Luo, Shenglian Luo, Dionysios D. Dionysiou

PII: DOI: Reference:	S0926-3373(17)30691-4 http://dx.doi.org/doi:10.1016/j.apcatb.2017.07.051 APCATB 15883
To appear in:	Applied Catalysis B: Environmental
Received date:	22-5-2017

 Revised date:
 13-7-2017

 Accepted date:
 19-7-2017

Please cite this article as: Fang Deng, Fei Zhong, Decai Lin, Lina Zhao, Yuejing Liu, Jinhong Huang, Xubiao Luo, Shenglian Luo, Dionysios D.Dionysiou, One-step hydrothermal fabrication of visible-light-responsive AgInS2/SnIn4S8 heterojunction for highly-efficient photocatalytic treatment of organic pollutants and real pharmaceutical industry wastewater, Applied Catalysis B, Environmentalhttp://dx.doi.org/10.1016/j.apcatb.2017.07.051

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

## One-step hydrothermal fabrication of visible-light-responsive AgInS<sub>2</sub>/SnIn<sub>4</sub>S<sub>8</sub> heterojunction for highly-efficient photocatalytic treatment of organic pollutants and real pharmaceutical industry wastewater

Fang Deng<sup>a</sup>, Fei Zhong<sup>a</sup>, Decai Lin<sup>a</sup>, Lina Zhao<sup>a</sup>, Yuejing Liu<sup>a</sup>, Jinhong Huang<sup>a</sup>,

Xubiao Luo<sup>a</sup>\*, Shenglian Luo<sup>a</sup>\*, Dionysios D. Dionysiou<sup>b</sup>

<sup>a</sup> Key Laboratory of Jiangxi Province for Persistent Pollutants Control and Resources Recycle, Nanchang Hangkong University, Nanchang 330063, PR China

<sup>b</sup> Environmental Engineering and Science Program, Department of Biomedical, Chemical and Environmental Engineering (DBCEE), University of Cincinnati, Cincinnati, OH 45221-0012,USA

**Graphical Abstract** 

<sup>\*</sup>Corresponding author. Tel.: +86 7913953372.

E-mail addresses: Xubiao Luo (X.B. Luo), sllou@hnu.edu.cn (S. L. Luo).

Download English Version:

## https://daneshyari.com/en/article/4755966

Download Persian Version:

https://daneshyari.com/article/4755966

Daneshyari.com