## Accepted Manuscript

Title: In situ synthesis of tetrahedron-shaped hollow porous Ag@AgBr plasmonic photocatalysts with highly efficient visible-light performance by a template-assisted method



Authors: Youyong Pang, Lingjun Song, Changfeng Chen, Lei Ge

PII:	S0169-4332(17)31431-9
DOI:	http://dx.doi.org/doi:10.1016/j.apsusc.2017.05.118
Reference:	APSUSC 36053
To appear in:	APSUSC
Received date:	3-3-2017
Revised date:	11-5-2017
Accepted date:	13-5-2017

Please cite this article as: Youyong Pang, Lingjun Song, Changfeng Chen, Lei Ge, In situ synthesis of tetrahedron-shaped hollow porous Ag@AgBr plasmonic photocatalysts with highly efficient visible-light performance by a template-assisted method, Applied Surface Sciencehttp://dx.doi.org/10.1016/j.apsusc.2017.05.118

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

## In situ synthesis of tetrahedron-shaped hollow porous Ag@AgBr plasmonic photocatalysts with highly efficient visible-light performance by a template-assisted method

Youyong Pang<sup>a</sup>, Lingjun Song<sup>b</sup>, Changfeng Chen<sup>a,\*</sup>, Lei Ge<sup>c</sup>

<sup>a</sup> Beijing Key Laboratory of Failure, Corrosion and Protection of Oil/Gas Facility Materials, Department of Materials Science and Engineering, China University of Petroleum (Beijing), Beijing 102249, China.

<sup>b</sup> Department of Materials Science and Engineering, College of Science, China University of Petroleum-Beijing, No. 18 Fuxue Rd., Beijing 102249, PR China.

<sup>c</sup> Key Laboratory of Heavy Oil Processing, College of Science, China University of Petroleum Beijing, No. 18 Fuxue Rd., Beijing 102249, PR China.

*Keywords:* In situ synthesis, tetrahedron-shaped, Ag@AgBr plasmonic photocatalysts, hollow structure, porous structure

<sup>\*</sup> Corresponding author, E-mail: chen\_c\_f@163.com

Download English Version:

## https://daneshyari.com/en/article/5351696

Download Persian Version:

https://daneshyari.com/article/5351696

Daneshyari.com