

Accepted Manuscript

Title: A photocatalyst of graphene oxide (GO)/Ag₃PO₄ with excellent photocatalytic activity over decabromodiphenyl ether (BDE-209) under visible light irradiation

Authors: Weiyi Chen, Xiaojun Niu, Jie Wang



PII: S1010-6030(17)31084-5
DOI: <https://doi.org/10.1016/j.jphotochem.2017.12.038>
Reference: JPC 11076

To appear in: *Journal of Photochemistry and Photobiology A: Chemistry*

Received date: 24-7-2017
Revised date: 11-12-2017
Accepted date: 27-12-2017

Please cite this article as: Weiyi Chen, Xiaojun Niu, Jie Wang, A photocatalyst of graphene oxide (GO)/Ag₃PO₄ with excellent photocatalytic activity over decabromodiphenyl ether (BDE-209) under visible light irradiation, *Journal of Photochemistry and Photobiology A: Chemistry* <https://doi.org/10.1016/j.jphotochem.2017.12.038>

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.

A photocatalyst of graphene oxide (GO)/Ag₃PO₄ with excellent photocatalytic activity over decabromodiphenyl ether (BDE-209) under visible light irradiation

Weiye Chen^a, Xiaojun Niu^{a,b,c*}, Jie Wang^a

^a School of Environment and Energy, South China University of Technology, Guangzhou, 510006, PR China;

^b Guangdong Provincial Key Laboratory of Atmospheric Environment and Pollution Control, South China University of Technology, Guangzhou Higher Education Mega Centre, Guangzhou 510006, PR China;

^c The Key Lab of Pollution Control and Ecosystem Restoration in Industry Clusters, Ministry of Education, South China University of Technology, Guangzhou Higher Education Mega Centre, Guangzhou 510006, PR China;

*Corresponding author

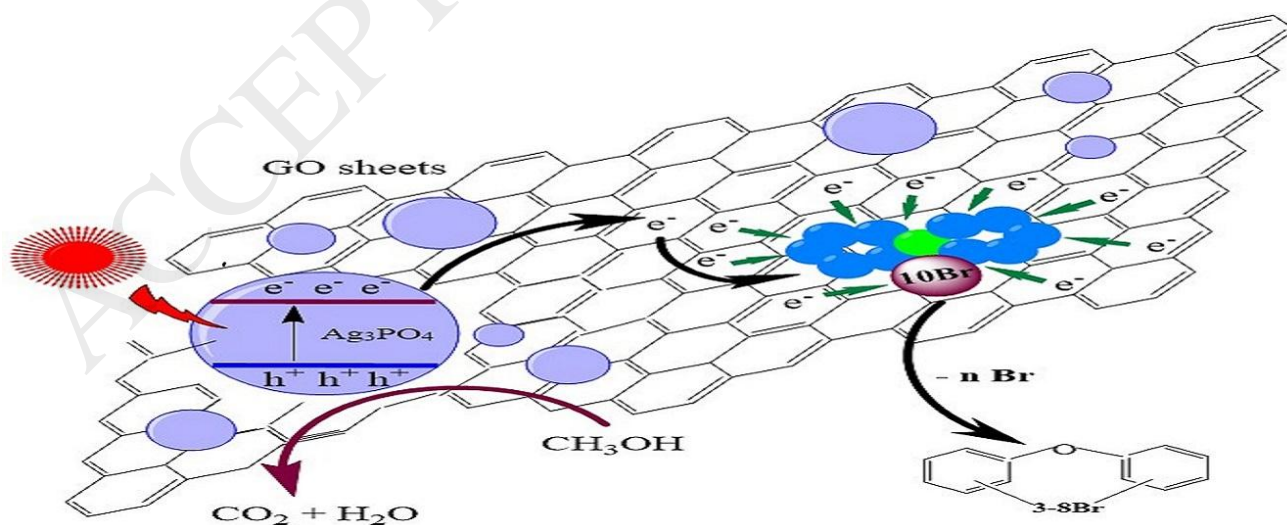
Name: Xiaojun Niu

E-mail: xjniu@scut.edu.cn

Phone number: 13660423455

Full postal address: South China University of Technology 382 Waihan East Road, Guangzhou Higher Education Mega Center, Guangzhou, 510006, China

Graphical abstract



The proposed photocatalytic mechanism for BDE-209 degradation using GO/Ag₃PO₄ under visible

Download English Version:

<https://daneshyari.com/en/article/6492661>

Download Persian Version:

<https://daneshyari.com/article/6492661>

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