Accepted Manuscript

Title: Highly efficient photocatalytic degradation of naphthalene by $\text{Co}_3\text{O}_4/\text{Bi}_2\text{O}_2\text{CO}_3$ under visible light: A novel p-n heterojunction nanocomposite with nanocrystals/lotus-leaf-like nanosheets structure

Authors: Yang Guo, Yuxuan Dai, Wei Zhao, Hui Li, Bin Xu,

Cheng Sun

PII: S0926-3373(18)30521-6

DOI: https://doi.org/10.1016/j.apcatb.2018.05.089

Reference: APCATB 16743

To appear in: Applied Catalysis B: Environmental

Received date: 13-2-2018 Revised date: 1-5-2018 Accepted date: 30-5-2018

Please cite this article as: Guo Y, Dai Y, Zhao W, Li H, Xu B, Sun C, Highly efficient photocatalytic degradation of naphthalene by Co₃O₄/Bi₂O₂CO₃ under visible light: A novel p-n heterojunction nanocomposite with nanocrystals/lotus-leaf-like nanosheets structure, *Applied Catalysis B: Environmental* (2018), https://doi.org/10.1016/j.apcatb.2018.05.089

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

Highly efficient photocatalytic degradation of naphthalene by Co₃O₄/Bi₂O₂CO₃ under visible light: A novel p-n heterojunction nanocomposite with nanocrystals/lotus-leaf-like nanosheets structure

Yang Guo a,c, Yuxuan Dai a, Wei Zhaob, Hui Li c, Bin Xud, Cheng Suna*

a State Key Laboratory of Pollution Control and Resource Reuse, School of the Environment, Nanjing University, Nanjing 210023, P.R. China

b Department of Mechanical Engineering, University of Hong Kong, Pokfulam Road, Hong Kong

c Department of Plant, Soil and Microbial Sciences, Plant and Soil Science Building 1066 Bogue

Street Michigan State University East Lansing, Michigan 48824

d State Key Laboratory of Pollution Control and Resource Reuse, College of Environmental Science and Engineering, Tongji University, Shanghai, 200092, P.R.China

*Corresponding author. Tel.: +86 25 89680258; fax: +86 25 89680258.

E-mail: envidean@nju.edu.cn (Cheng Sun)

Download English Version:

https://daneshyari.com/en/article/6498120

Download Persian Version:

https://daneshyari.com/article/6498120

<u>Daneshyari.com</u>