## Accepted Manuscript

Title: 3D ordered MoP inverse opals deposited with CdS quantum dots for enhanced visible light photocatalytic activity

Authors: Yun Song, Najun Li, Dongyun Chen, Qingfeng Xu, Hua Li, Jinghui He, Jianmei Lu



 Received date:
 25-4-2018

 Revised date:
 14-6-2018

 Accepted date:
 2-7-2018

Please cite this article as: Song Y, Li N, Chen D, Xu Q, Li H, He J, Lu J, 3D ordered MoP inverse opals deposited with CdS quantum dots for enhanced visible light photocatalytic activity, *Applied Catalysis B: Environmental* (2018), https://doi.org/10.1016/j.apcatb.2018.07.010

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

## **3D** ordered MoP inverse opals deposited with CdS quantum dots for enhanced visible light photocatalytic activity

Yun Song<sup>a</sup>, Najun Li<sup>\*, a, b</sup>, Dongyun Chen<sup>a, b</sup>, Qingfeng Xu<sup>a, b</sup>, Hua Li<sup>a</sup>, Jinghui He<sup>a</sup>, Jianmei Lu<sup>\*, a, b</sup>

<sup>*a*</sup> College of Chemistry, Chemical Engineering and Materials Science, Collaborative Innovation Center of Suzhou Nano Science and Technology, Soochow University, Suzhou, Jiangsu 215123, China

<sup>b</sup> State and Local Joint Engineering Laboratory for Novel Functional Polymeric Materials, Suzhou, Jiangsu 215123, China

\*Correspondence to: N. J. Li (E-mail: linajun@suda.edu.cn) & J. M. Lu (E-mail: lujm@suda.edu.cn), Tel/Fax: 86 512 65880367



An efficient approach for decorating CdS quantum dots in MoP inverse opals is reported and the obtained CdS/MoP IO has a 3D ordered structure, which is beneficial

Download English Version:

## https://daneshyari.com/en/article/6498047

Download Persian Version:

https://daneshyari.com/article/6498047

Daneshyari.com