

## Supplementary Data

# Facile Synthesis of Bi<sub>2</sub>MoO<sub>6</sub> Microspheres Decorated by CdS Nanoparticles with Efficient Photocatalytic Removal of Levofloxacin Antibiotic

Shijie Li<sup>1\*</sup>, Yanping Liu<sup>2</sup>, Yunqian Long<sup>1\*</sup>, Liuye Mo<sup>1</sup>, Huiqiu Zhang<sup>1</sup>, and Jianshe Liu<sup>3</sup>

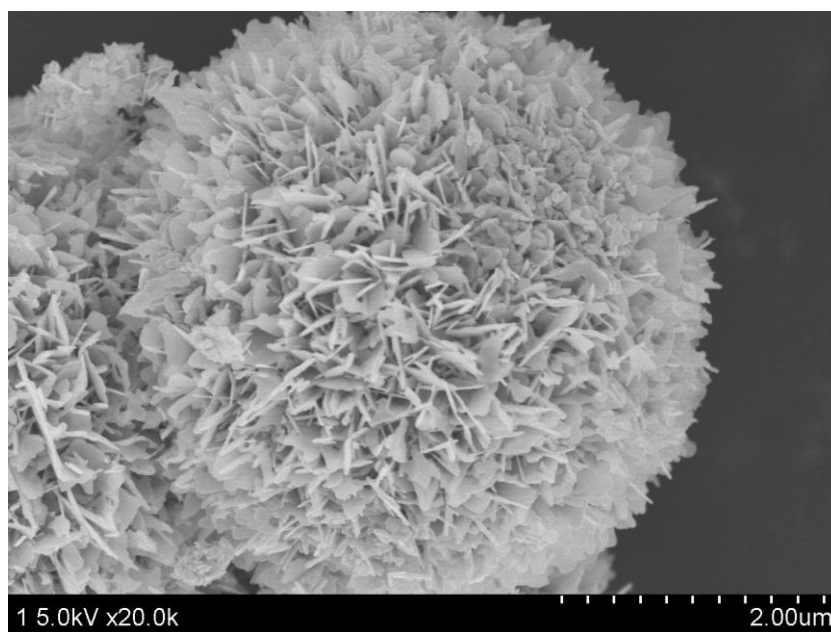
<sup>1</sup> Key Laboratory of key technical factors in Zhejiang seafood health hazards, Institute of Innovation & Application, Zhejiang Ocean University, Zhoushan, Zhejiang Province, 316022, China; lishijie@zjou.edu.cn (S. L.); longyunqian@163.com (Y. L.); liuyemo@zjou.edu.cn (L. M.); zhanghuiqiu2006@163.com (H. Z.).

<sup>2</sup> Department of Environmental Engineering, Zhejiang Ocean University, Zhoushan, Zhejiang Province, 316022, China; liuyp@zjou.edu.cn (Y. L.).

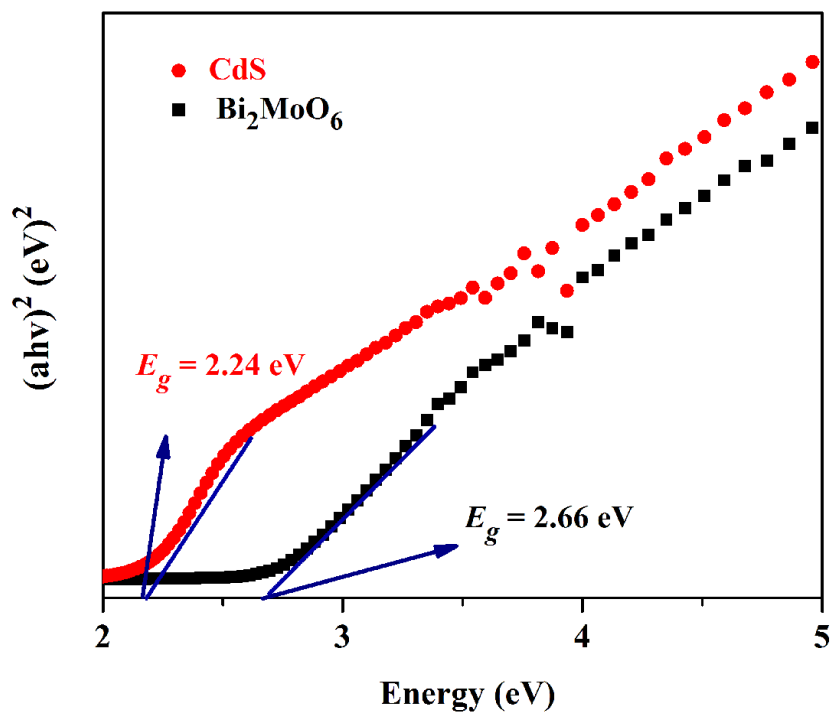
<sup>3</sup> State Environmental Protection Engineering Center for Pollution Treatment and Control in Textile Industry, College of Environmental Science and Engineering, Donghua University, Shanghai 201620, China; liujianshe@dhu.edu.cn (J. L.).

\* Email address: lishijie@zjou.edu.cn (S. L.); longyunqian@163.com (Y. L.)

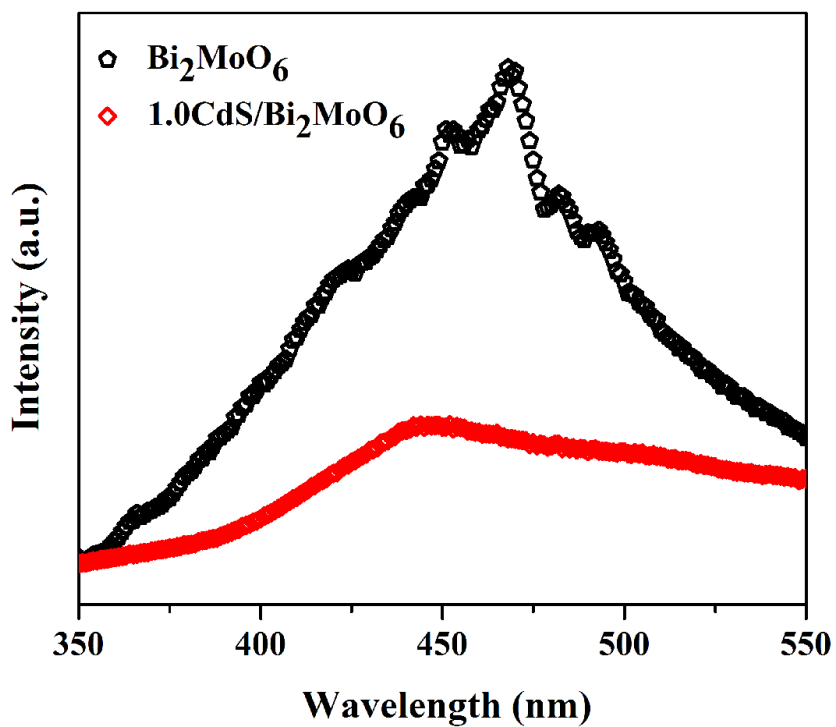
## Figures



**Figure S1.** SEM image of pure  $\text{Bi}_2\text{MoO}_6$



**Figure S2.** The resulting Tauc plots of CdS and  $\text{Bi}_2\text{MoO}_6$ .



**Figure S3.** Photoluminescence (PL) spectra of bare  $\text{Bi}_2\text{MoO}_6$  and  $1.0\text{CdS}/\text{Bi}_2\text{MoO}_6$ .