

Supplementary Material

Photocatalytic degradation of two different types of dyes by synthesized La/Bi₂WO₆

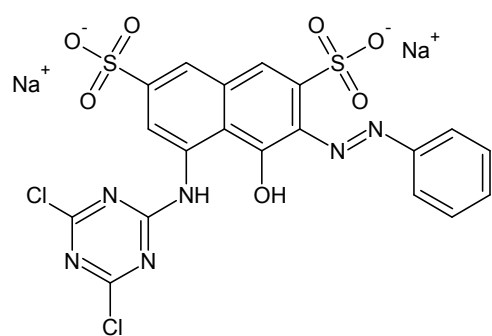
Chunying Wang^{a,b,*}, Qingjiang Zhu^b, Chuantao Gu^c, Xianping Luo^{a,b}, Changlin Yu^a
and Min Wu^b

^a Jiangxi Key Laboratory of Mining & Metallurgy Environmental Pollution Control, Jiangxi University of Science and Technology, Ganzhou 341000, China.

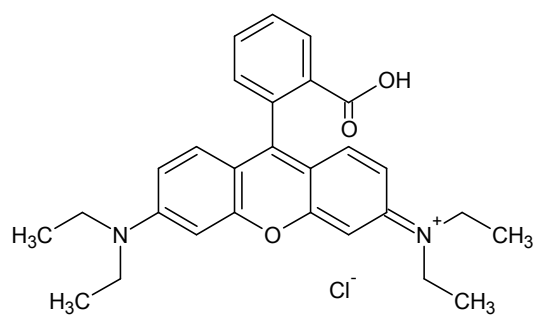
^b Post-doctoral scientific research workstation of Western Mining co., LTD., Xining 810000, China.

^c School of Chemistry and Chemical Engineering, Xiamen University, Xiamen 361005, China.

*To whom correspondence should be addressed. Tel.:+86-15083792595. Fax: +86-7978312759;E-mail: cywang@jxust.edu.cn



X-3B



RhB

Fig. S1 Chemical structure of X-3B and RhB

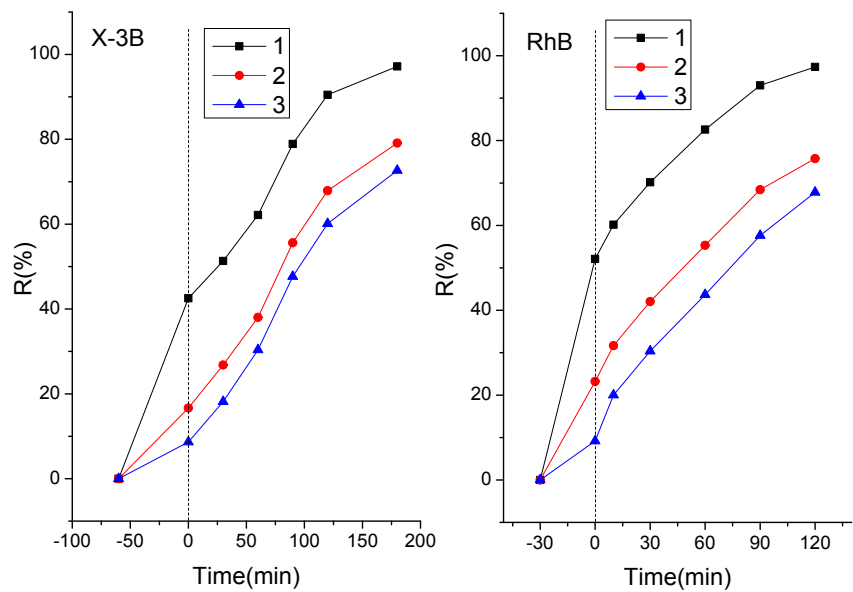


Fig.S2 The recycled performance of La/Bi₂WO₆ for X-3B and RhB

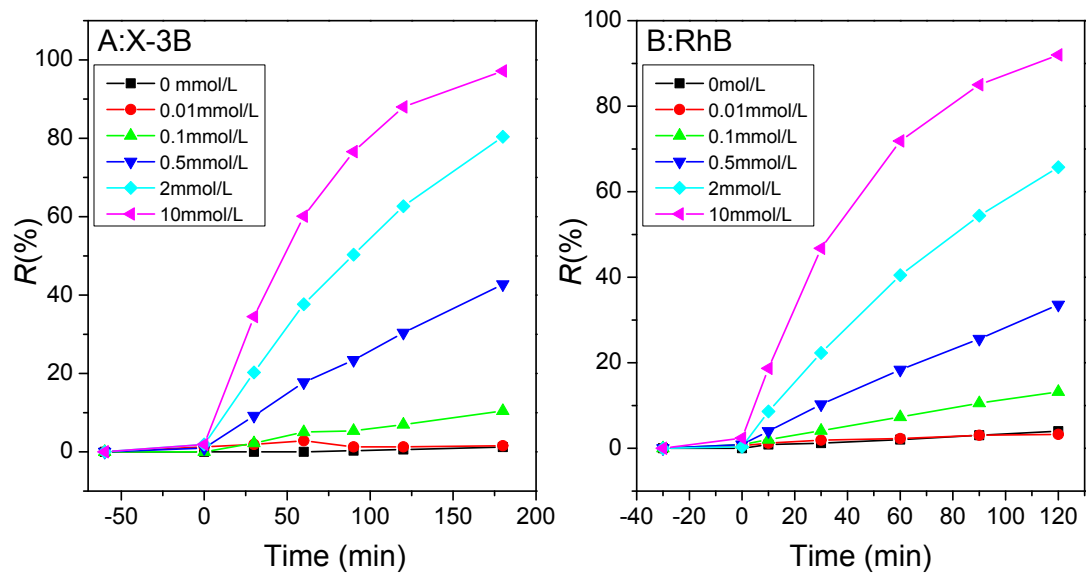


Fig. S3 Effects of H_2O_2 alone on the removal of dyes under simulated solar irradiation

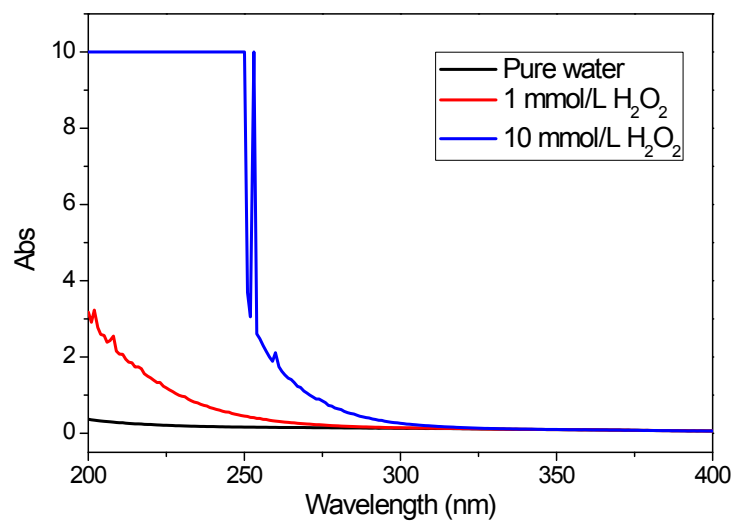


Fig. S4 Optical absorption spectroscopy of H₂O₂ solution in the range of 200-400 nm