

Supplemental information:

Enhanced photocatalytic activity of visible-light-driven ternary $\text{WO}_3/\text{Ag}/\text{Ag}_3\text{PO}_4$ heterojunction: A discussion on electron transfer mechanism

Shengqi Zhang^a, Tao Yu^a, Hui Wen^a, Rui Guo^{a,b,c*}, Juanjuan Xu^{a,b*}, Ruixia Zhong^{a,c*}, Xian Li^{a,c}, Junhua You^d

^(a) School of Materials Science and Engineering, Northeastern University, Shenyang 110819)

^(b) Key Laboratory of Advanced Energy Materials Chemistry (Ministry of Education), College of Chemistry, Nankai University, Tianjin 300071, China)

^(c) School of Resources and Materials, Northeastern University at Qinhuangdao, 066004, China)

^(d) School of Materials Science and Engineering, Shenyang University of Technology, Shenyang 110870, China)

*Corresponding author: guorui@neuq.edu.cn (Rui Guo), 1519931572@qq.com (Juanjuan Xu), 46028914@qq.com (Ruixia Zhong)

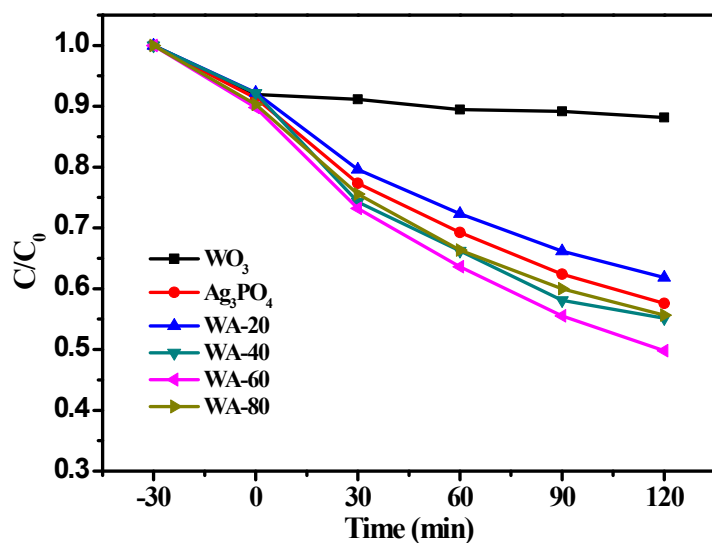


Fig. S1 The degradation of MB of WO_3 , Ag_3PO_4 and WA-x.

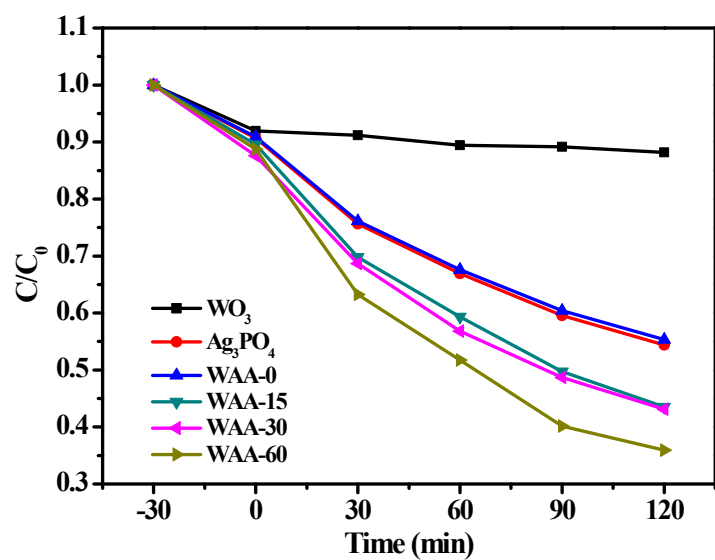


Fig. S2 The degradation of MB of WO_3 , Ag_3PO_4 and WAA-x.