

Supporting Information

A Colorimetric Assay for the Detection of Glucose and H₂O₂ Based on Cu-Ag/g-C₃N₄/ZIF Hybrids with Superior Peroxidase Mimetic Activity

Quan Pan ^{1,†}, Yuelin Kong ^{2,†}, Kuan Chen ², Mi Mao ², Xiaohui Wan ¹, Xiaoyan She ¹, Qingsong Gao ¹, Yu He ^{2,*} and Gongwu Song ²

¹ Hubei Province Fiber Inspection Bureau, Wuhan 430061, China; panquanfq@163.com (Q.P.); yangguangwxh9272@163.com (X.W.); sxy13871171608@163.com (X.S.); gqs0601@163.com (Q.G.)

² Hubei Collaborative Innovation Center for Advanced Organic Chemical Materials, Ministry-of-Education Key Laboratory for the Synthesis and Application of Organic Functional Molecules, College of Chemistry and Chemical Engineering, Hubei University, Wuhan 430062, China; kongyue_lin@163.com (Y.K.); workout_k@163.com (K.C.); xxhh_my@163.com (M.M.); songgw@hubu.edu.cn (G.S.) heyu@hubu.edu.cn (Y.H)

* Correspondence: heyu@hubu.edu.cn

† These authors contributed equally to this work.

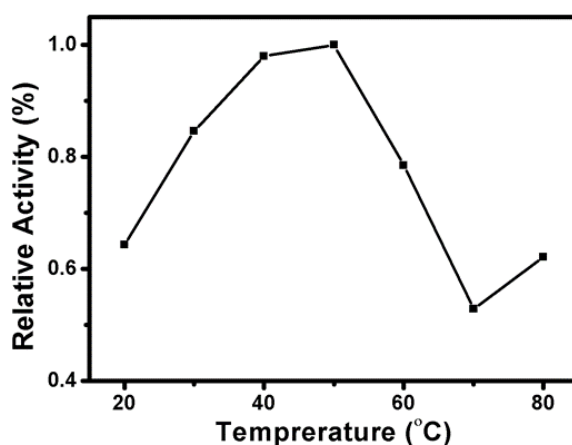


Figure 1. Effects of different temperatures on catalytic activity of Cu-Ag/g-C₃N₄/ZIF.

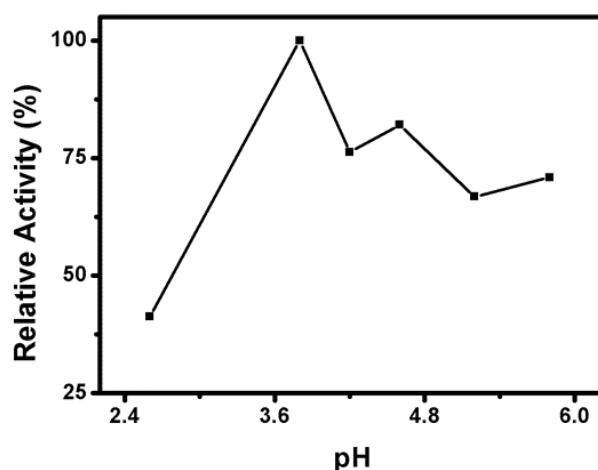


Figure 2. Effects of different pH on catalytic activity of Cu-Ag/g-C₃N₄/ZIF.

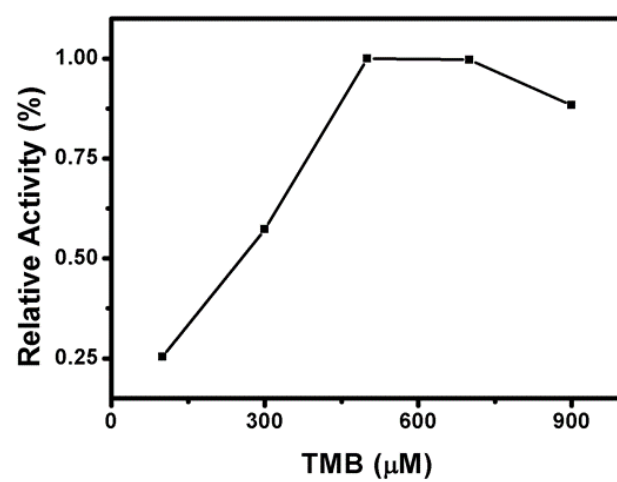


Figure 3. Effects of different concentration of TMB on catalytic activity of Cu-Ag/g- C_3N_4 /ZIF.