Electronic Supplementary Material (ESI) for Catalysis Science & Technology

Electronic Supplementary Information

One-pot synthesis of CuO nanoflower-decorated reduced graphene oxide and its application to photocatalytic degradation of dye

Sen Liu,[a] Jingqi Tian,[a,b] Lei Wang,[a] Yonglan Luo,[a] and Xuping Sun*[a]

[a] State Key Lab of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, Jilin, P. R. China

[b] Graduate School of the Chinese Academy of Sciences, Beijing 100039, China

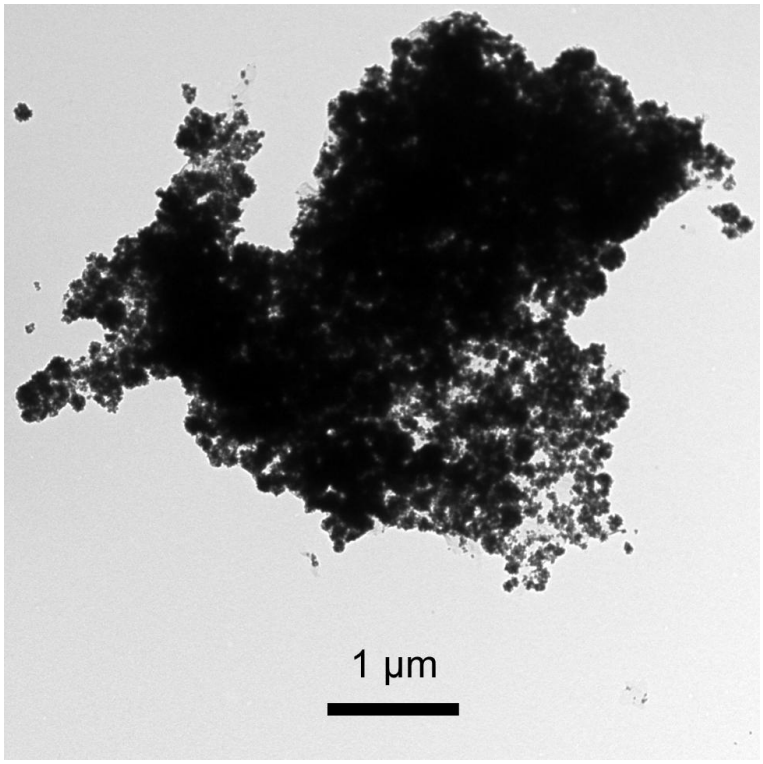

Fig. S1 The TEM image of the products obtained by heat treatment of the mixture of Cu salts and GO in the absence of PQ11

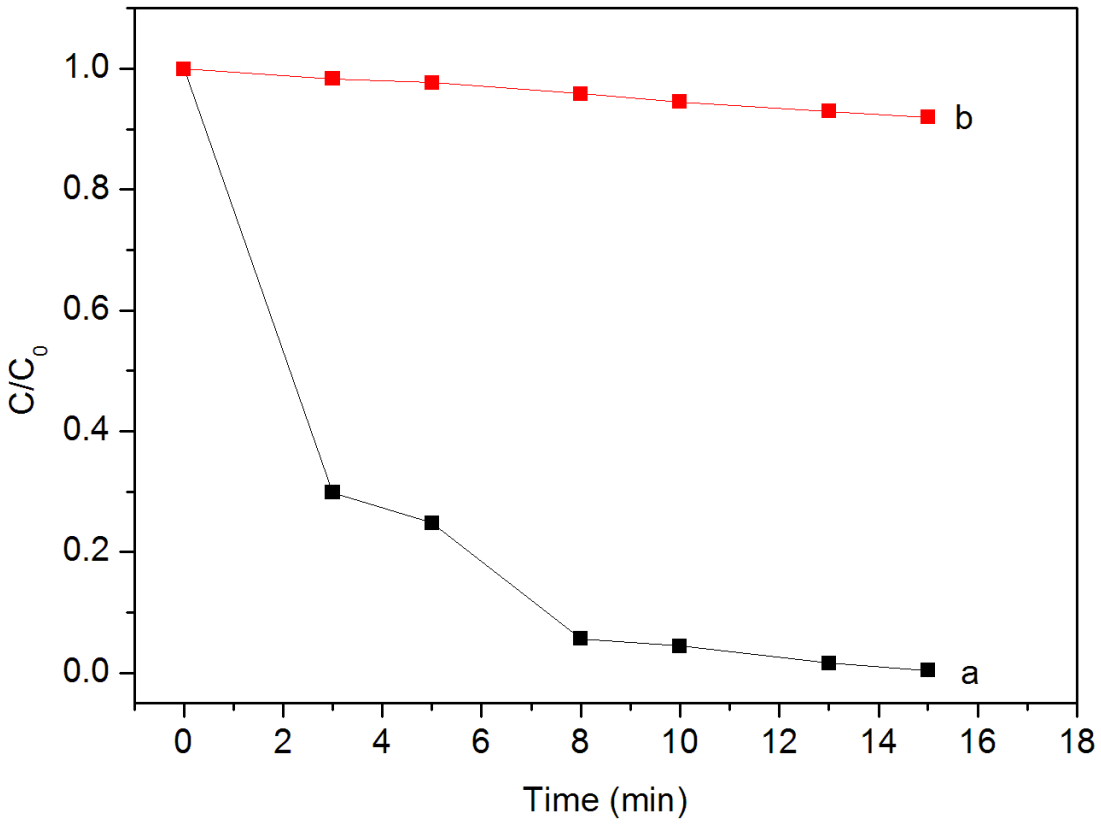

Fig. S2 Photodegradation of RhB over CuONF/rGO in the presence (a) and in the absence of (b) H_2O_2 under UV light irradiation.