

Supporting Information for

One-step synthesis of Fe₃O₄/carboxylate-rich carbon composite and its application for Cu (II) removal

Lingling Qu,^{a,c} Jianzhong Jia,^b Hefei Shi^b and Zhijun Luo^{*b,c}

^a School of Chemistry and Chemical Engineering, Jiangsu University, Zhenjiang,
212013, P. R. China

^b School of The Environment, Jiangsu University, Zhenjiang, 212013 P. R. China; E-
mail: lzj@ujs.edu.cn

^c State Key Laboratory of Coordination Chemistry, Nanjing University, Nanjing
210093, P. R. China

Corresponding author. Tel.: +86 511 88790955

E-mail address: lzj@ujs.edu.cn

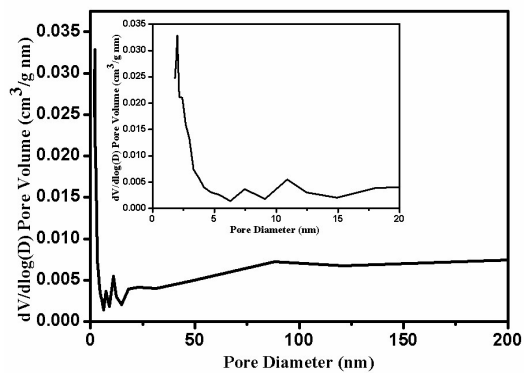


Fig. S1. pore size distribution of $\text{Fe}_3\text{O}_4/\text{CRC}$.

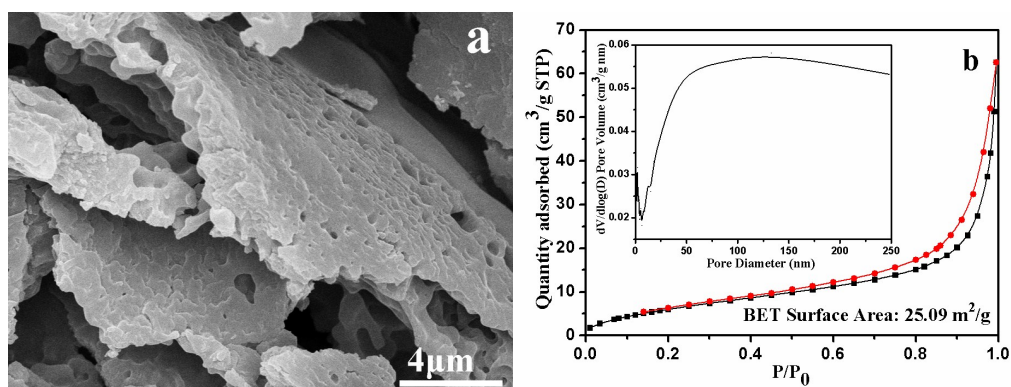


Fig. S2. SEM image (a) and Nitrogen adsorption/desorption isotherms and pore size distribution (inset) (b) of CRC

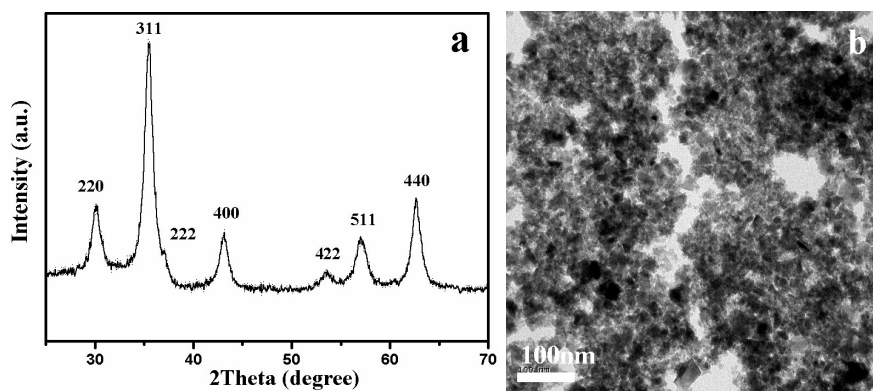


Fig. S3. The XRD pattern (a) and TEM image (b) of the Fe_3O_4 nanoparticles