

Support materials:

Folic acid-functionalized graphene quantum dots with a tunable fluorescence emission for cancer cell imaging and optical detection of Hg^{2+}

Li Ruiyi, Wang Xuan, Li Zaijun*, Zhu Haiyan and Liu Junkang

Key Laboratory of Food Colloids and Biotechnology, Ministry of Education, School of Chemical and Material Engineering,

Jiangnan University, Wu 214122, China

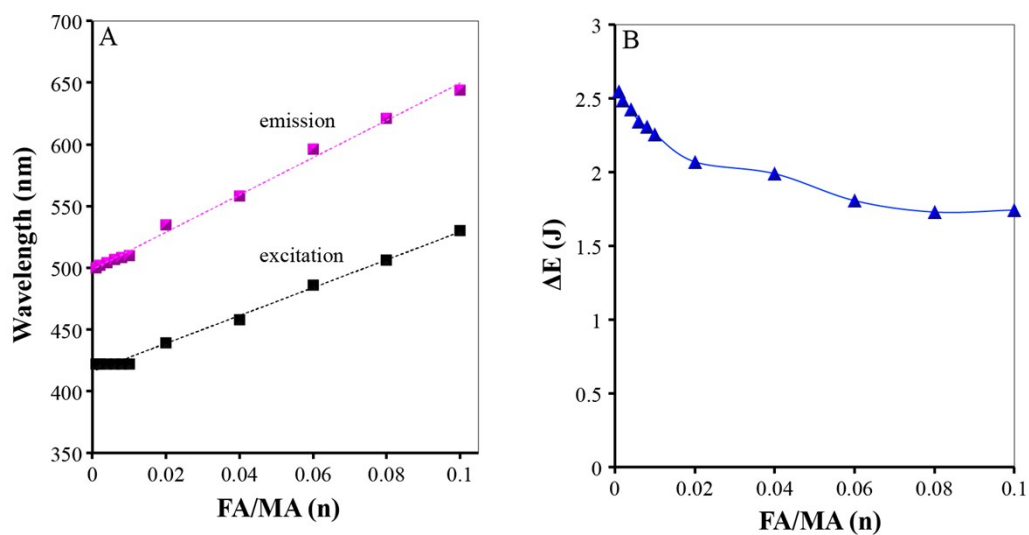


Fig. S1A: The maximum wavelengths of fluorescence emission and excitation of the FA-GQDs prepared by using different ratios of FA/MA. B: The energy levels of the FA-GQDs prepared by using different ratios of FA/MA

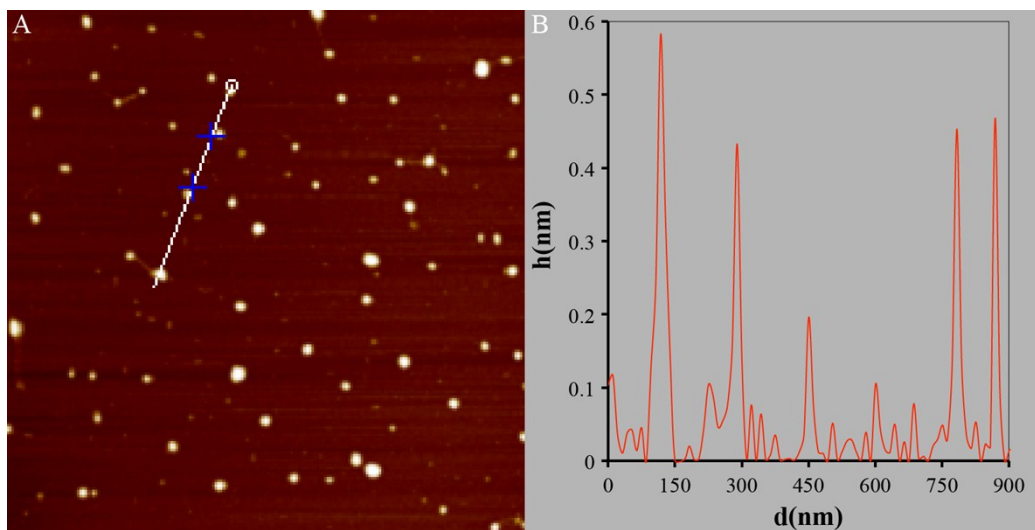


Fig. s2 The AFM image of FA-QGDs and the thickness distribution of graphene sheets