Electronic Supplementary Material (ESI) for New Journal of Chemistry. This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2018

Support materials:

Folic acid-functionalized graphene quantum dots with a tunable fluorescence emission for cancer cell imaging and optical detection of Hg²⁺

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-GQDs and the thickness distribution of graphene sheets