Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B. This journal is © The Royal Society of Chemistry 2017

Supporting Information

Industrial production of ultra-stable sulfonated graphene quantum

dots for Golgi apparatus imaging

Liang Wang,^{a,‡} Bin Wu,^{b,‡} Weitao Li,^a Zhen Li,^c Jing Zhan,^c Bijiang Geng,^c Shilong Wang,^{*,b} Dengyu Pan,^{*,c} Minghong Wu^c

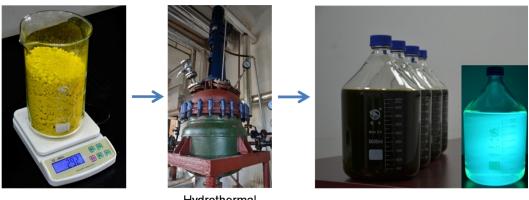
^a Institute of Nanochemistry and Nanobiology, Shanghai University, Shanghai 200444, P.R. China

^b Research Center for Translational Medicine at East Hospital, School of Life Science and Technology, Tongji University, Shanghai 200092, P.R. China

^c School of Environmental and Chemical Engineering, Shanghai University, Shanghai 200444, P.R. China

The authors contributed equally to this work. Correspondence and requests for materials should be addressed to D.P. and S.W. (email: dypan617@shu.edu.cn. wsl@tongji.edu.cn).

Supporting Figures.



292 g 1,3,6-trinitropyrene

Hydrothermal treatment

20 L GQD aqueous solution

Fig. S1 The preparation procedure for GQDs on an industrial scale.

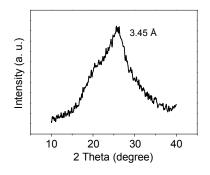


Fig. S2 XRD pattern of sulfonated GQDs.