

Supporting information for:

An electrochemical method to prepare graphene quantum dots and graphene oxide quantum dots

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Table S1. Average size, lattice spacing, and size distribution range of GQD1–GQD4

	GQD1	GQD2	GQD3	GQD4
Avg. size (nm)	2.5	3.04	2.24	2.65
lattice spacing (nm)	0.20	0.21	0.21	0.21
Size range (nm)	2–3	1.5–4.5	2–3	1.5–4

Table S2. Raman D band, G band and I_D/I_G values for GQD1–GQD4

	GQD1	GQD2	GQD3	GQD4
D band (cm⁻¹)	1338	1350	1348	1345
G band (cm⁻¹)	1598	1587	1585	1590
I_D/I_G	1.37	1.02	1.03	1.31

Table S3. PL behavior, excitation and emission wavelength peaks for GQD1–GQD4

	GQD1	GQD2	GQD3	GQD4
PL Excitation (nm)	354	343	359	403
PL Emission (nm)	454, 535	448, 527	448	480, 538