

Electronic Supplementary Information

Optically and electrically tunable graphene quantum dot/polyaniline composite films

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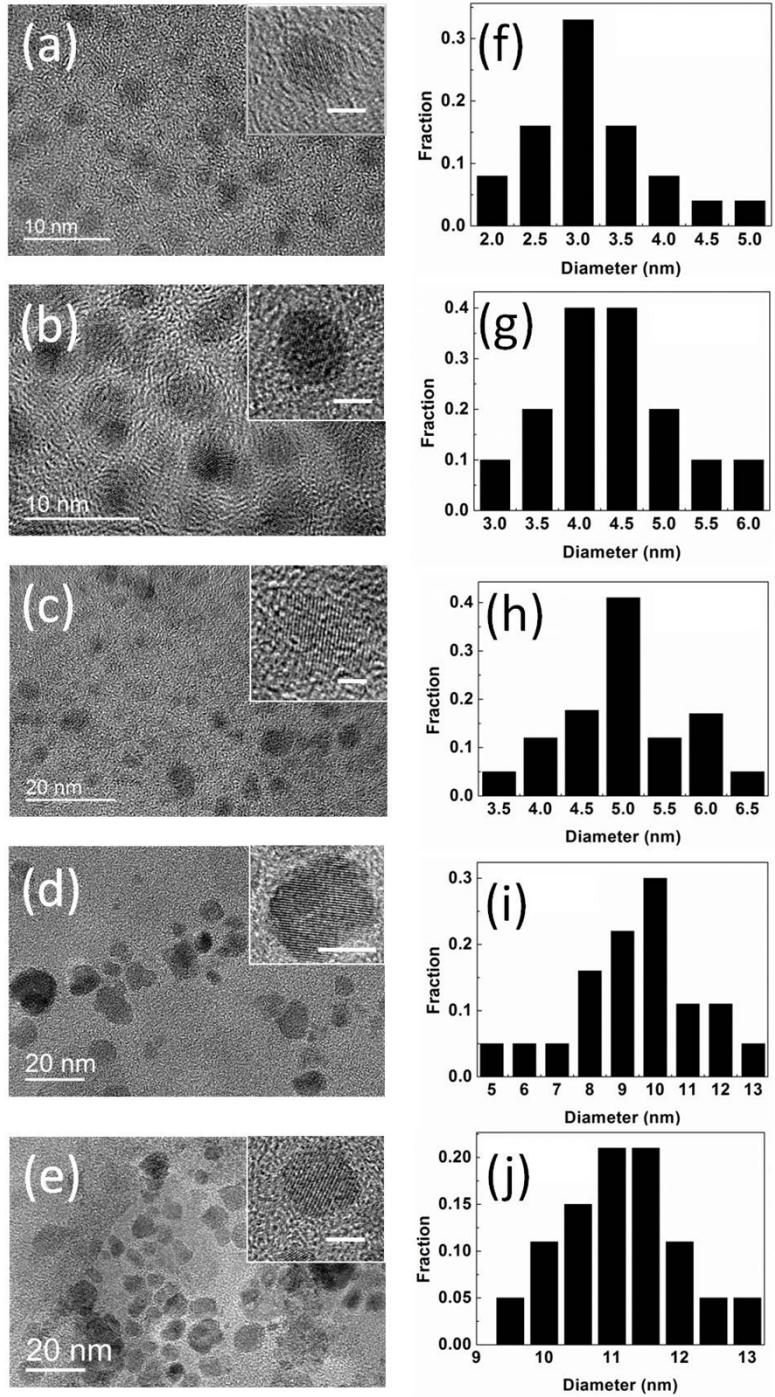


Figure S1. TEM images of the GQDs prepared under various reaction pressure. (a) 165 psi, (b) 200 psi, (c) 250 psi, (d) 300 psi and (e) 350 psi. Scale bar: (a-c) 2 nm, (d, e) 5 nm. (f-g) Size distribution of the GQDs corresponding to different reaction pressures.

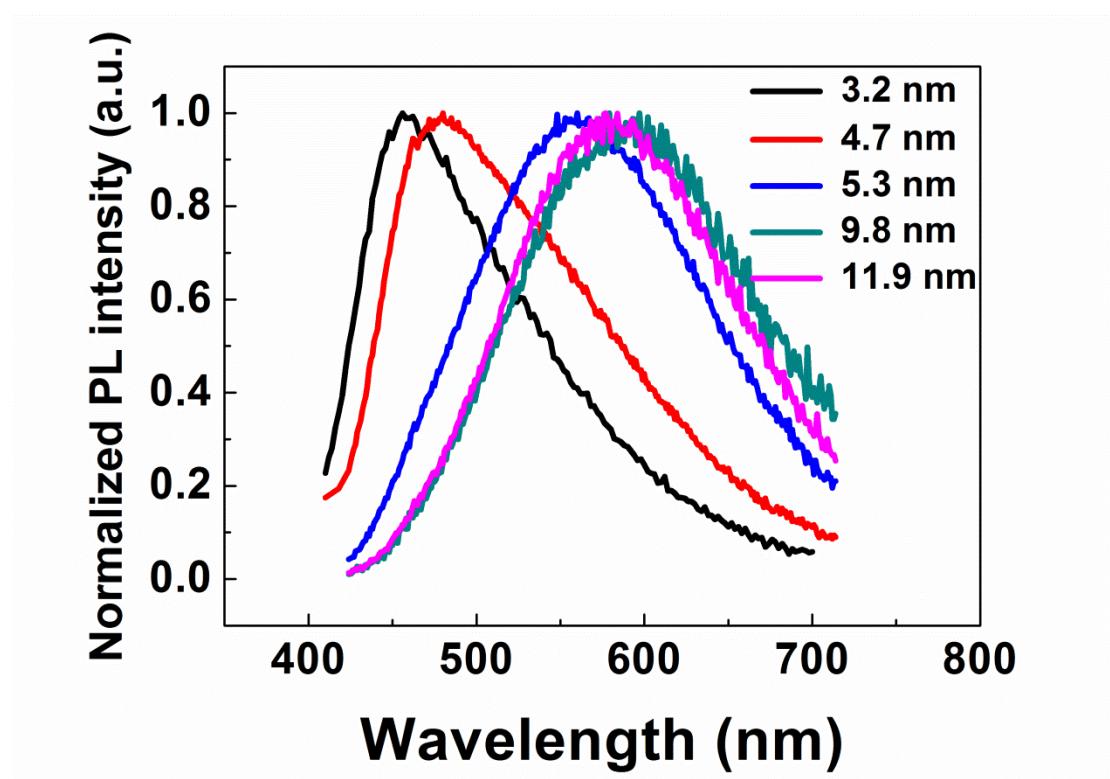


Figure S2. The PL dependence on the size of the GQDs.

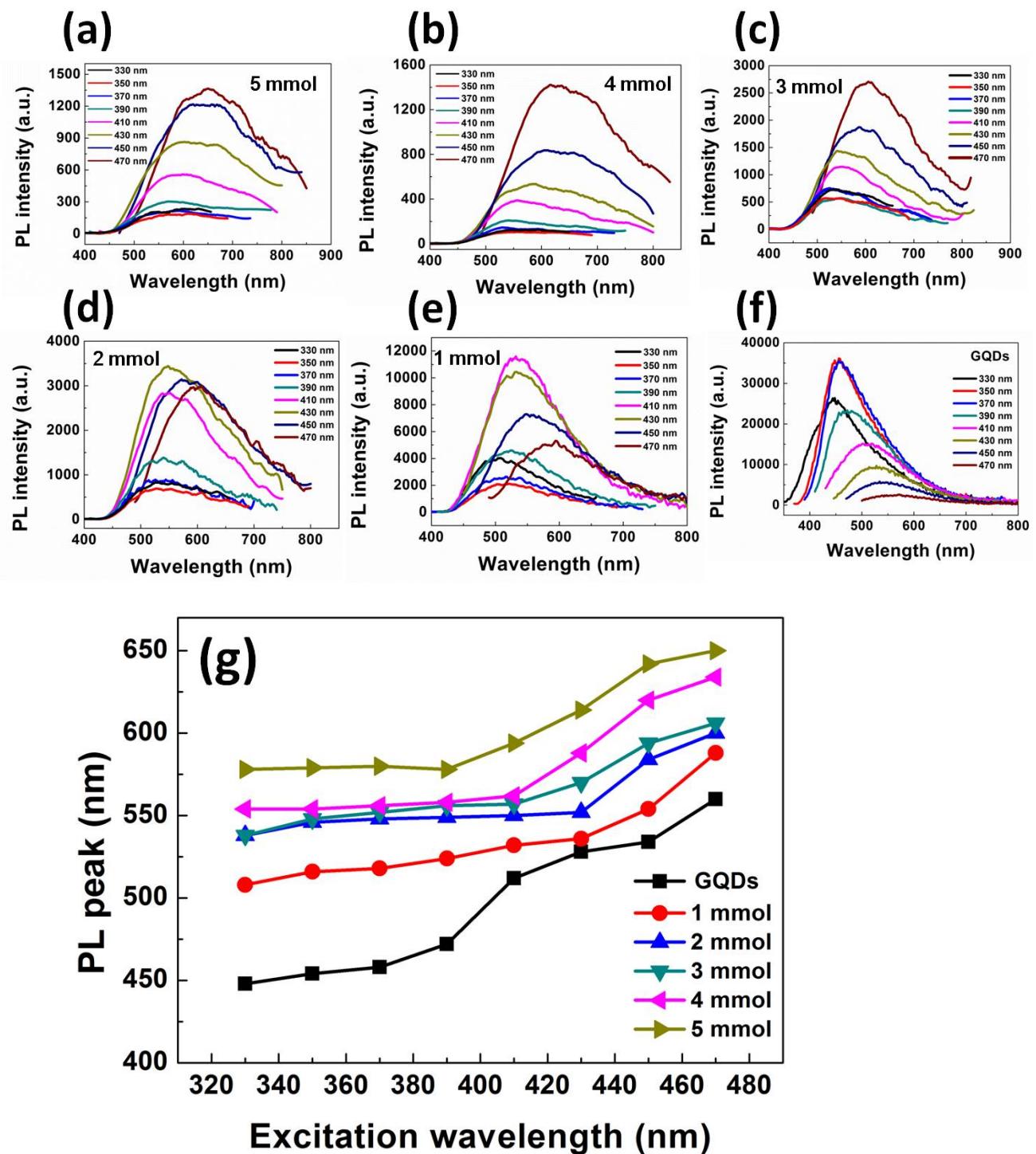


Figure S3. The excitation dependent PL emission with (a-f) different mole number of aniline. (g) A summary of the excitation dependent PL.