

Figure S1. UV-vis absorption spectrum of the CQDs obtained at different centrifuge speeds.

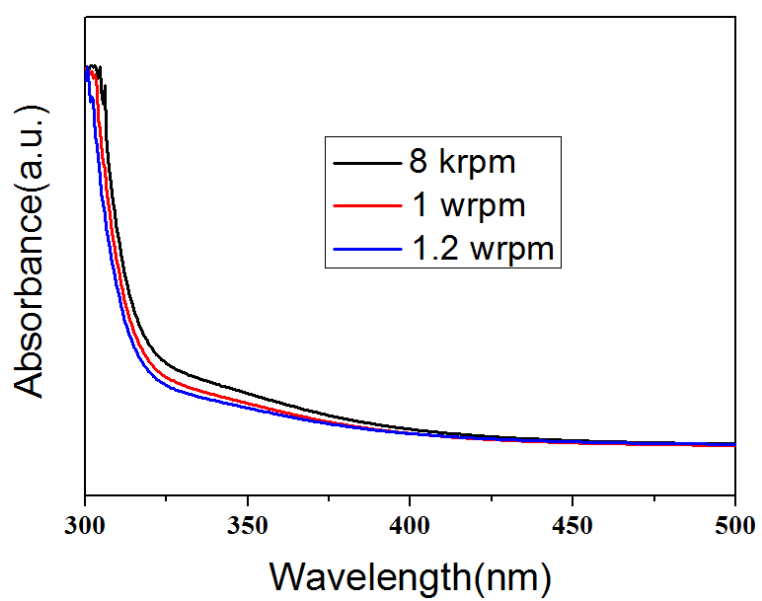


Figure S2. Emission spectra of the CQDs at different excitation wavelengths.

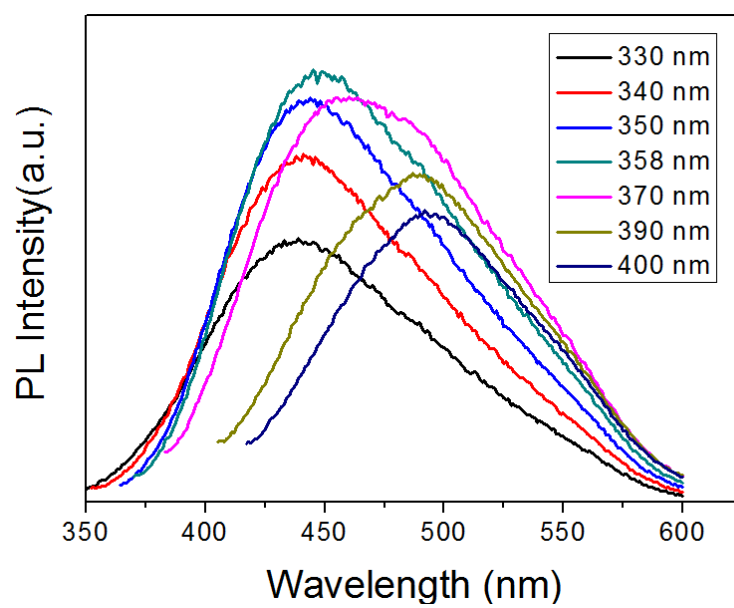


Figure S3. FT-IR spectrum of CQDs and Cu₂O particles /C-dots.

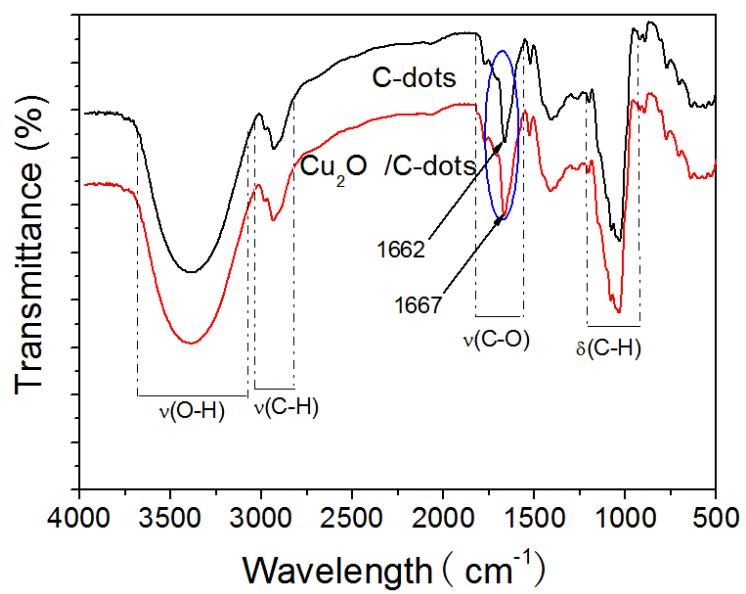


Figure S4. SEM images of the Cu_2O particles without the presence of CQDs.

