

# Supplementary materials

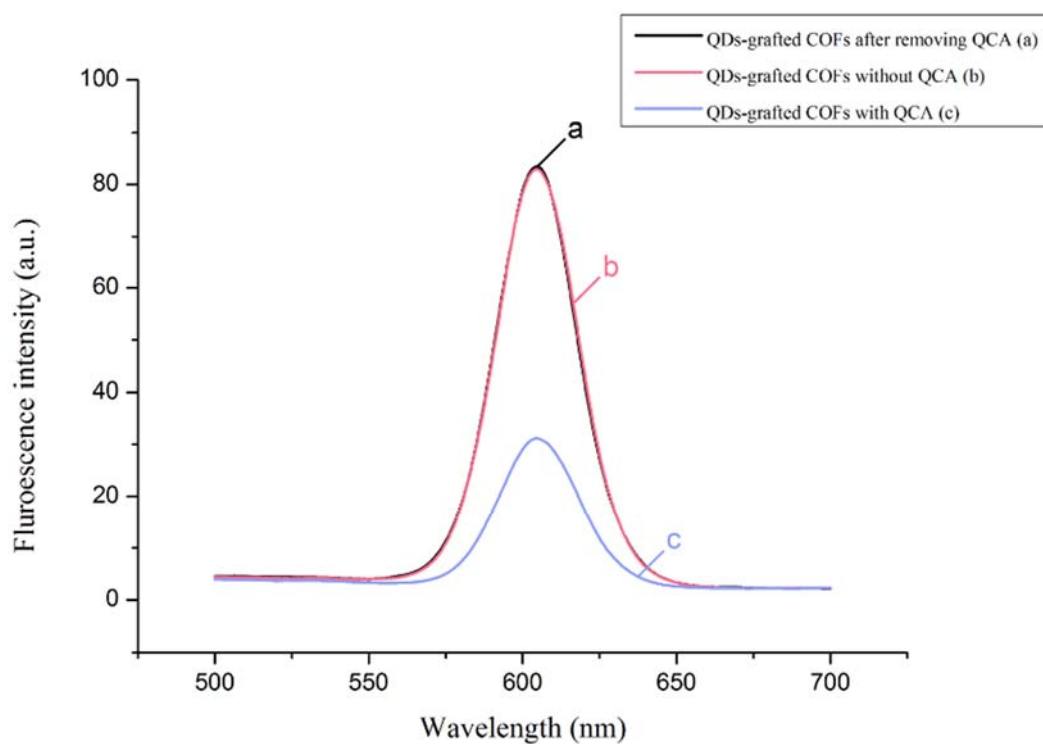


Figure S1. Fluorescence spectra of (a) QDs-grafted COFs after removing QCA, (b) QDs-grafted COFs without QCA, (c) QDs-grafted COFs with QCA.

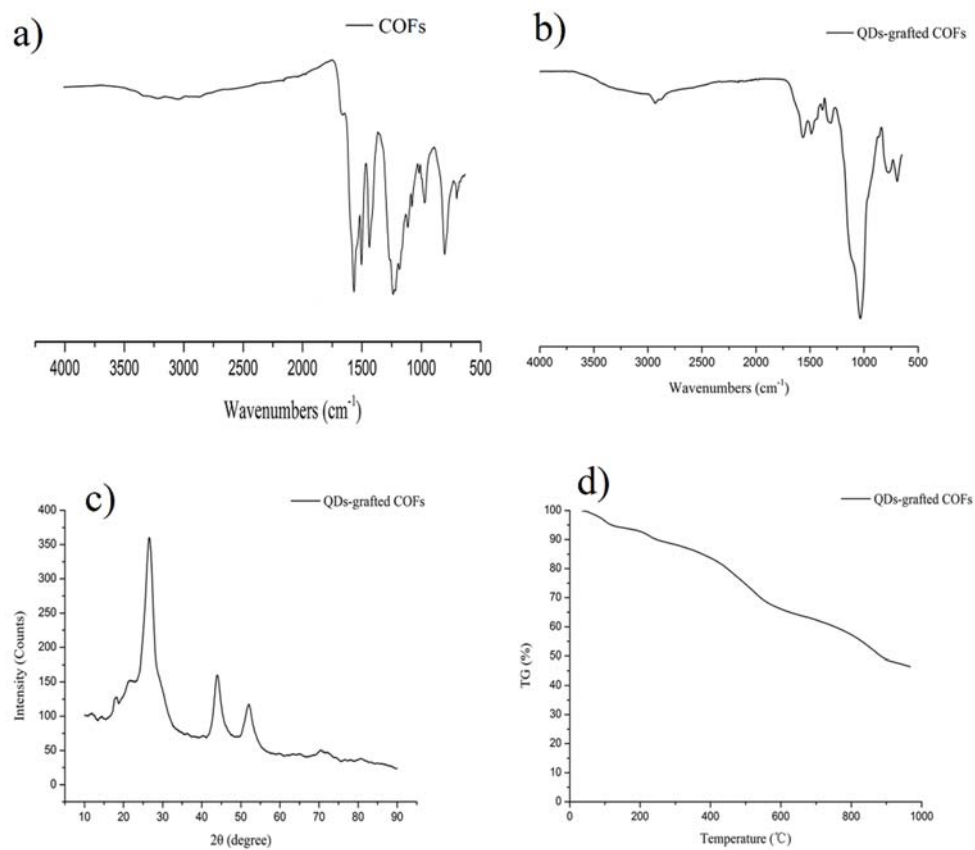


Figure S2. (a) FT-IR spectrum of COFs, (b) FT-IR spectrum of QDs-grafted COFs, (c) XRD spectrum of QDs-grafted COFs, (d) TGA plot of QDs-grafted COFs.

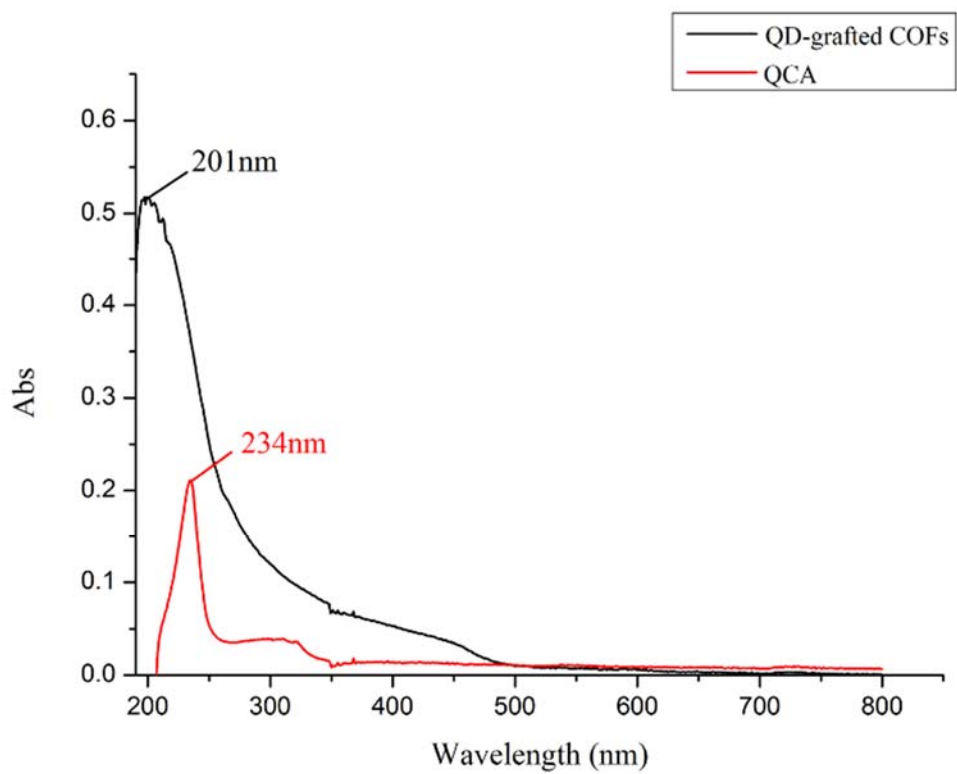


Figure S3. UV-vis spectra of (a) QCA solution and (b) QDs-grafted COFs.

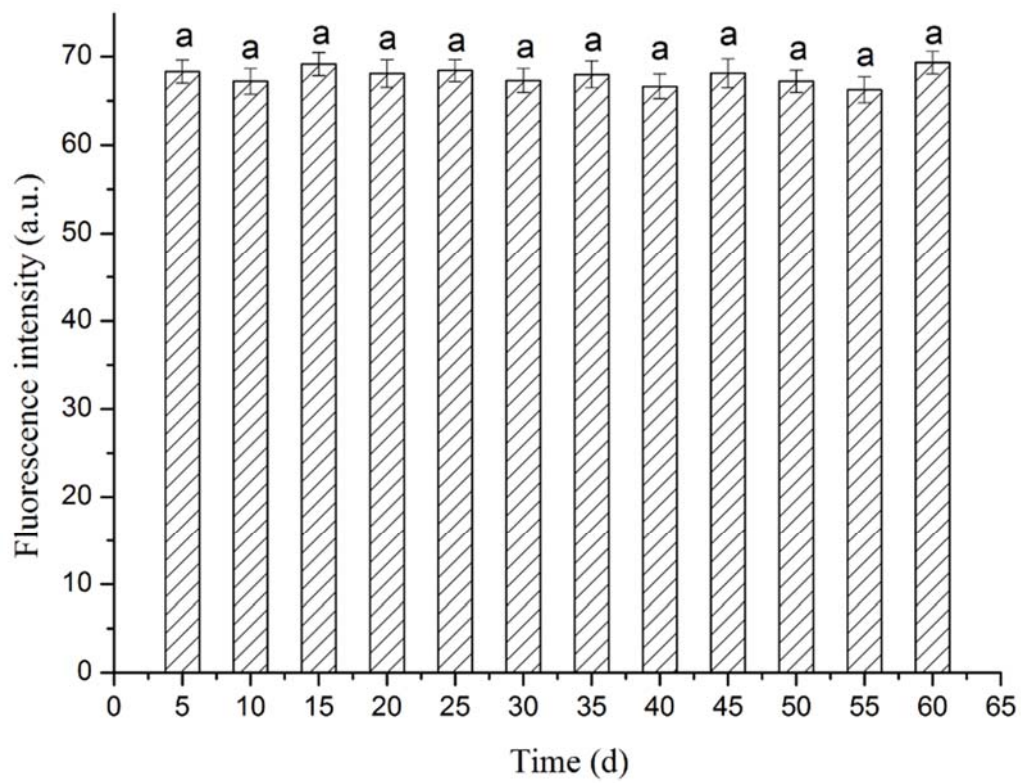


Figure S4. Photostabilities of QDs-grafted COFs.