Supporting Information

Tuning Work Functions of Graphene Quantum Dot-Modified Electrode for Polymer Solar Cells Application

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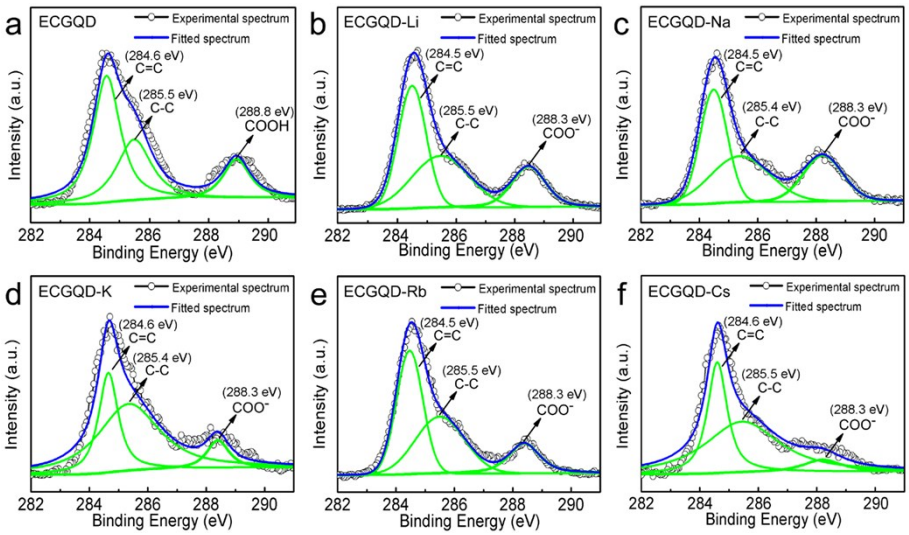

Fig. S1 XPS C1s spectra of ECGQD and ECGQD-M (M = Li, Na, K, Rb, Cs).

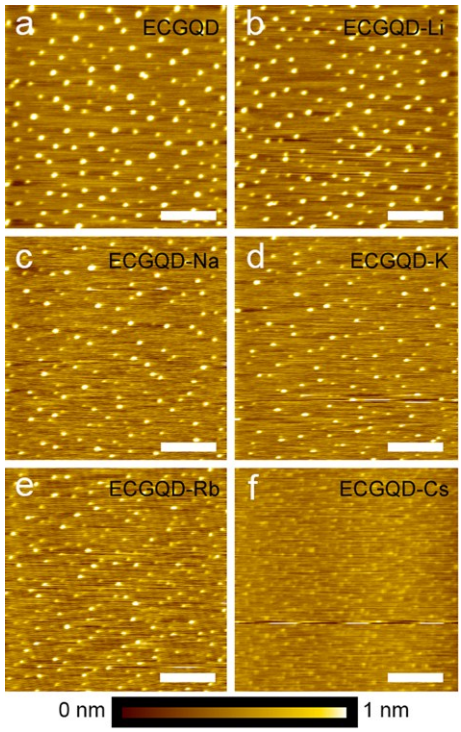

Fig. S2 AFM images of ECGQD and ECGQD-M (M = Li, Na, K, Rb, Cs) spin-coated on mica substrates. Scale bar is 500 nm.

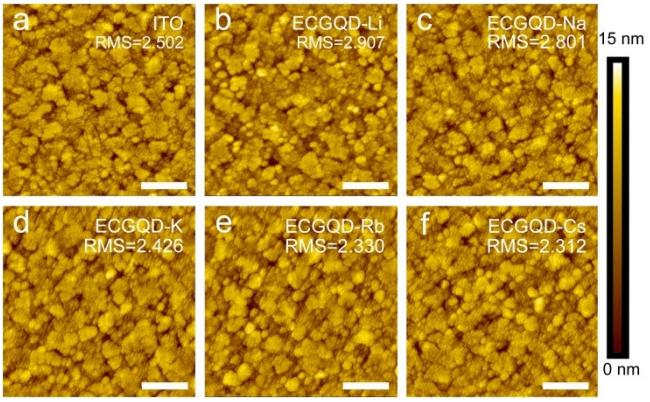

Fig. S3 AFM height images of ITO substrate and the ITO substrate modified with different CILs. Scale bar is 500 nm.

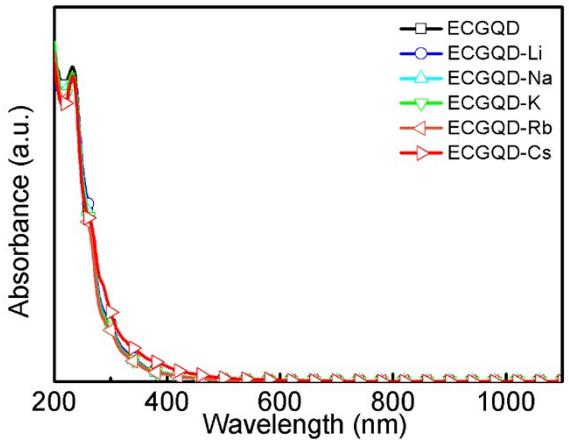

Fig. S4 UV-Vis absorption spectra of ECGQD and ECGQD-M (M = Li, Na, K, Rb, Cs) in aqueous solution.

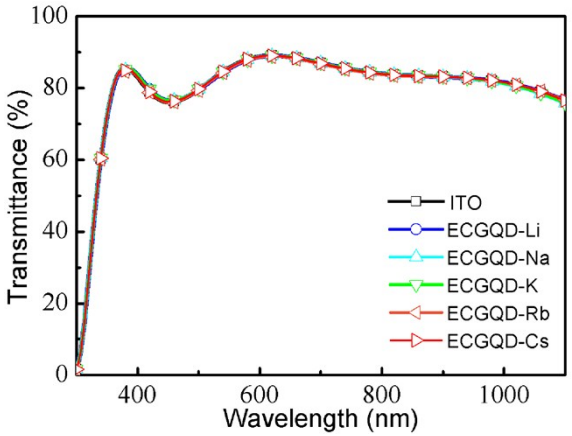

Fig. S5 Transmittance spectra of the ITO substrate modified with different CILs.

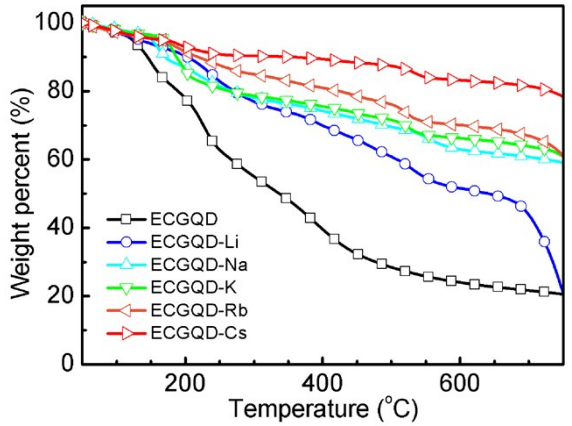

Fig. S6 TGA curves of ECGQD and ECGQD-M (M = Li, Na, K, Rb, Cs).