Supporting Information

Synthesis and electrochemical polymerization of Diketopyrrollopyrrole Based Donor-Acceptor-Donor monomers containing 3,6 and 2,7 linked carbazoles
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Figure S1. Fluorescence emission spectra of 36CzEtDPP in toluene, DCM and DMSO (Excitation at 550 nm).
Figure S2. Scan rate dependencies of electrochemically synthesized (a) 36CzMeDPP, (b) 36CzEtDPP and (c) 27CzDPP in 0.1 M TBABF₄/ACN at scan rates of 20-200 mV/s (Insets: Relationship of anodic and cathodic currents with respect to scan rate).
Figure S3. FTIR spectra of $27\text{CzDPP}$ and $P(27\text{CzDPP})$.

Figure S4. Kinetic study of $P(36\text{CzMeDPP})$ on ITO for (a) 1 s, (b) 3 s, (c) 5 s and (d) 10 s interval at 650 nm in 0.1 M TBABF$_4$/ACN applied potential -0.5 V – 1.0 V.
**Figure S5.** Kinetic study of P(27CzDPP) on ITO for (a) 1 s, (b) 5 s and (c) 10 s interval at 595 nm in 0.1 M TBABF$_4$/ACN applied potential -0.5 V – 1.0 V.

**Figure S6.** Stability study of P(36CzEtDPP) on ITO for 1 s interval (a) first, (b) second and (c) third and (d) fourth thousand cycle at 595 nm in 0.1 M TBABF$_4$/ACN applied potential -0.5 V – 1.0 V.