Supplementary Data

Efficient Green Fluorescent Organic Light-Emitting Diodes with Extended Lifetime by Exploiting Iridium Complex as Sensitizer

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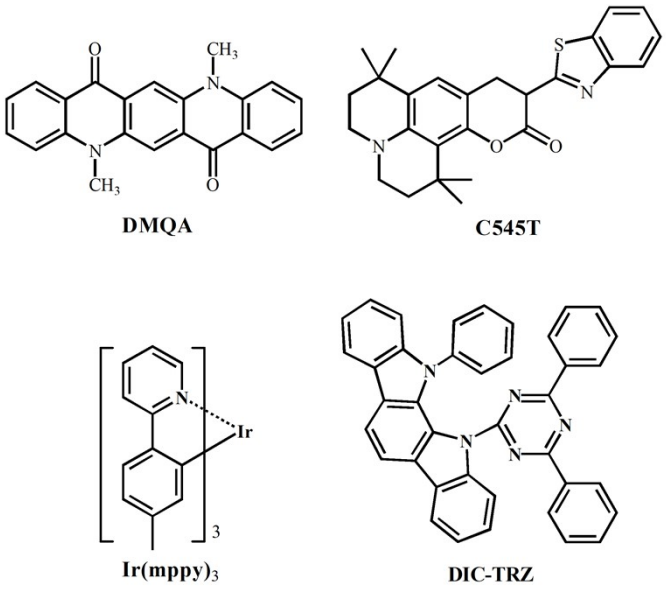

Fig. S1 Molecular structures of DMQA, C545T, $Ir(mppy)_3$ and DIC-TRZ.

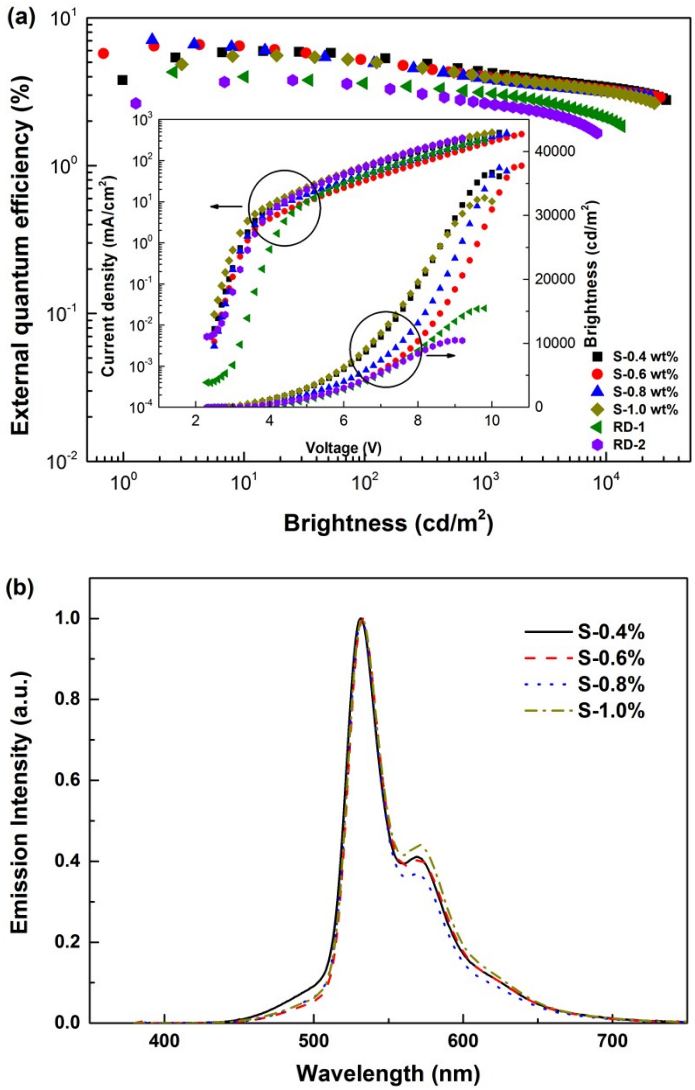

Fig. S2 (a) EL efficiency-current density (η-J) characteristics of reference devices and single-EML devices with DMQA at different doping concentrations. Inset: Current density-brightness-voltage (J-B-V) characteristics of reference devices and single-EML devices with DMQA at different doping concentrations. (b) Normalized EL spectra of single-EML devices with DMQA at different doping concentrations.

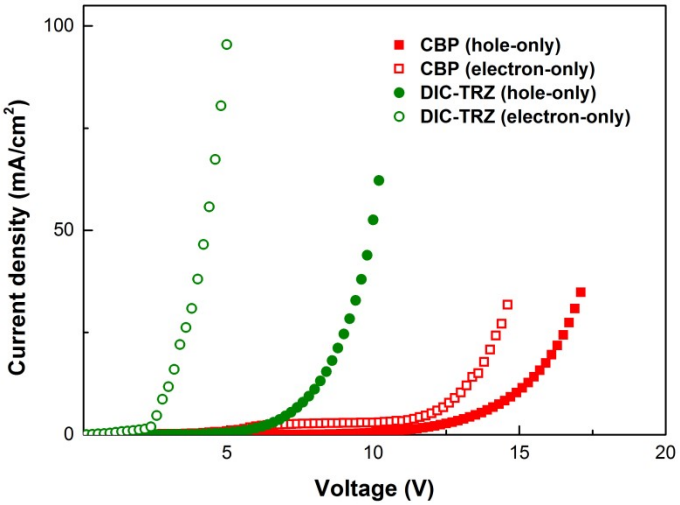

Fig. S3 Current density-voltage (*J*-*V*) characteristics of hole- and electron-only devices based on DIC-TRZ and CBP.

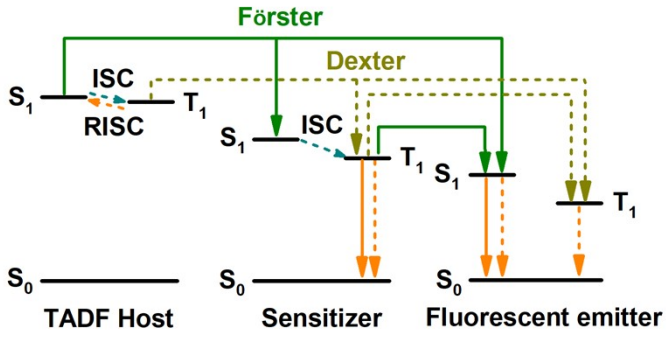

Fig. S4 Schematic illustration of energy transfer process.