

Supporting Information

For

1,2,4-Triazole-containing bipolar hosts for blue and green phosphorescent organic light-emitting diodes

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Supplementary figures

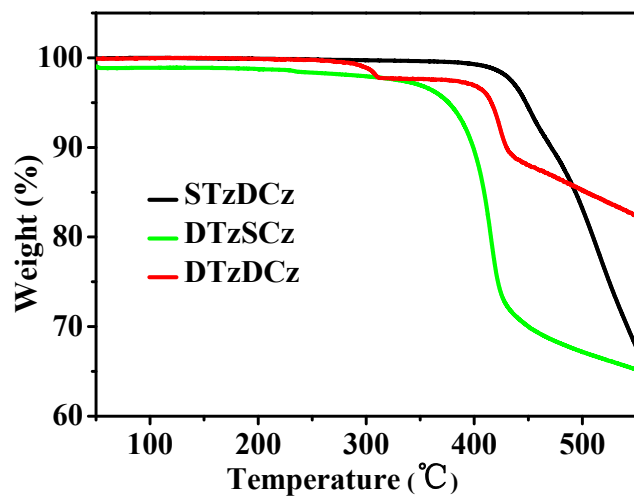


Fig. S1 TGA thermograms of DTzSCz, DTzDCz and STzDCz recorded at a heating rate of 10 °C min⁻¹.

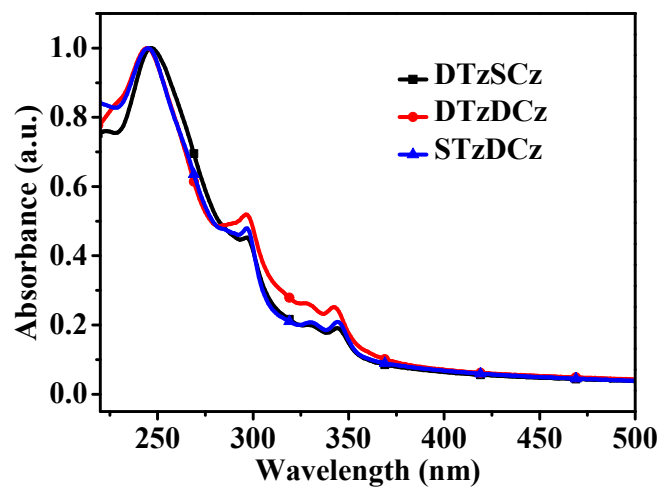


Fig. S2 UV-Vis absorption spectra of DTzSCz, DTzDCz and STzDCz thin films.

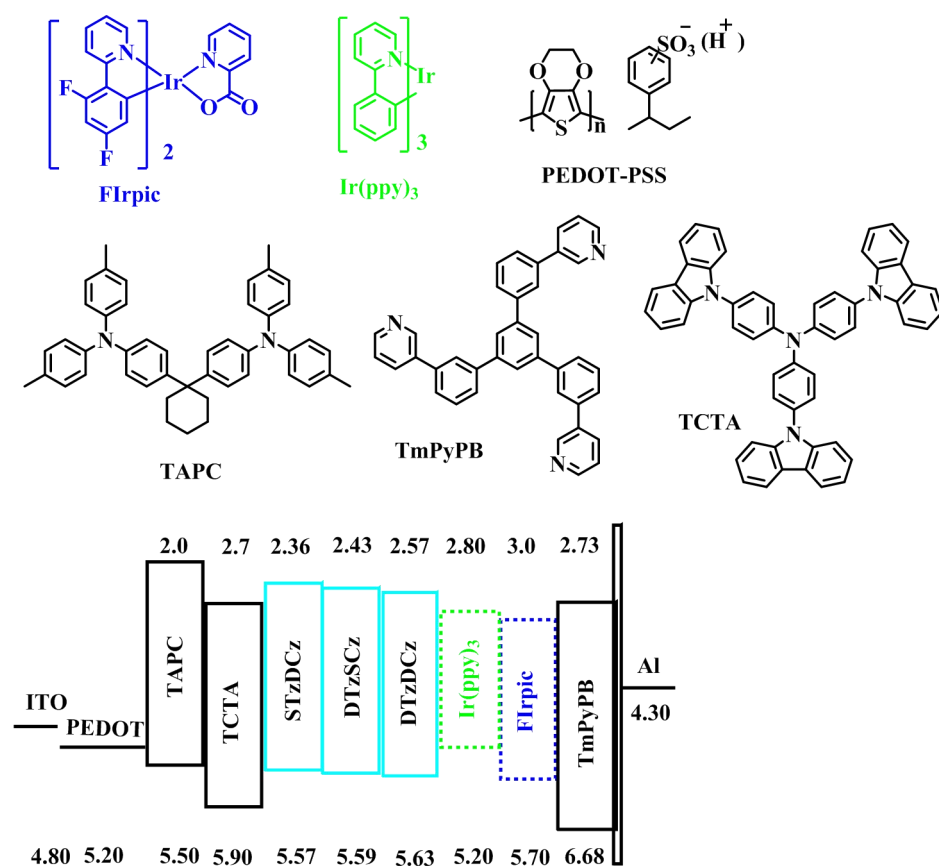
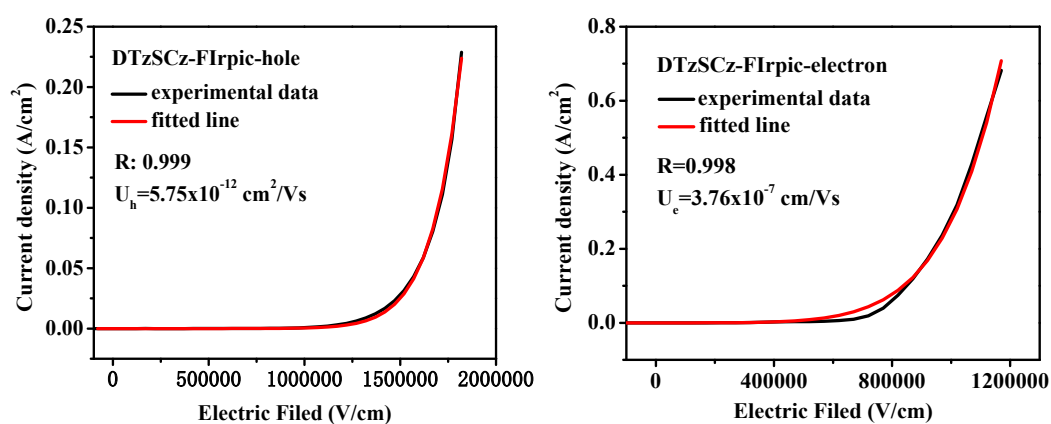


Fig. S3 Chemical structures of related materials and energy level diagrams for the single carrier devices and blue and green PhOLEDs.



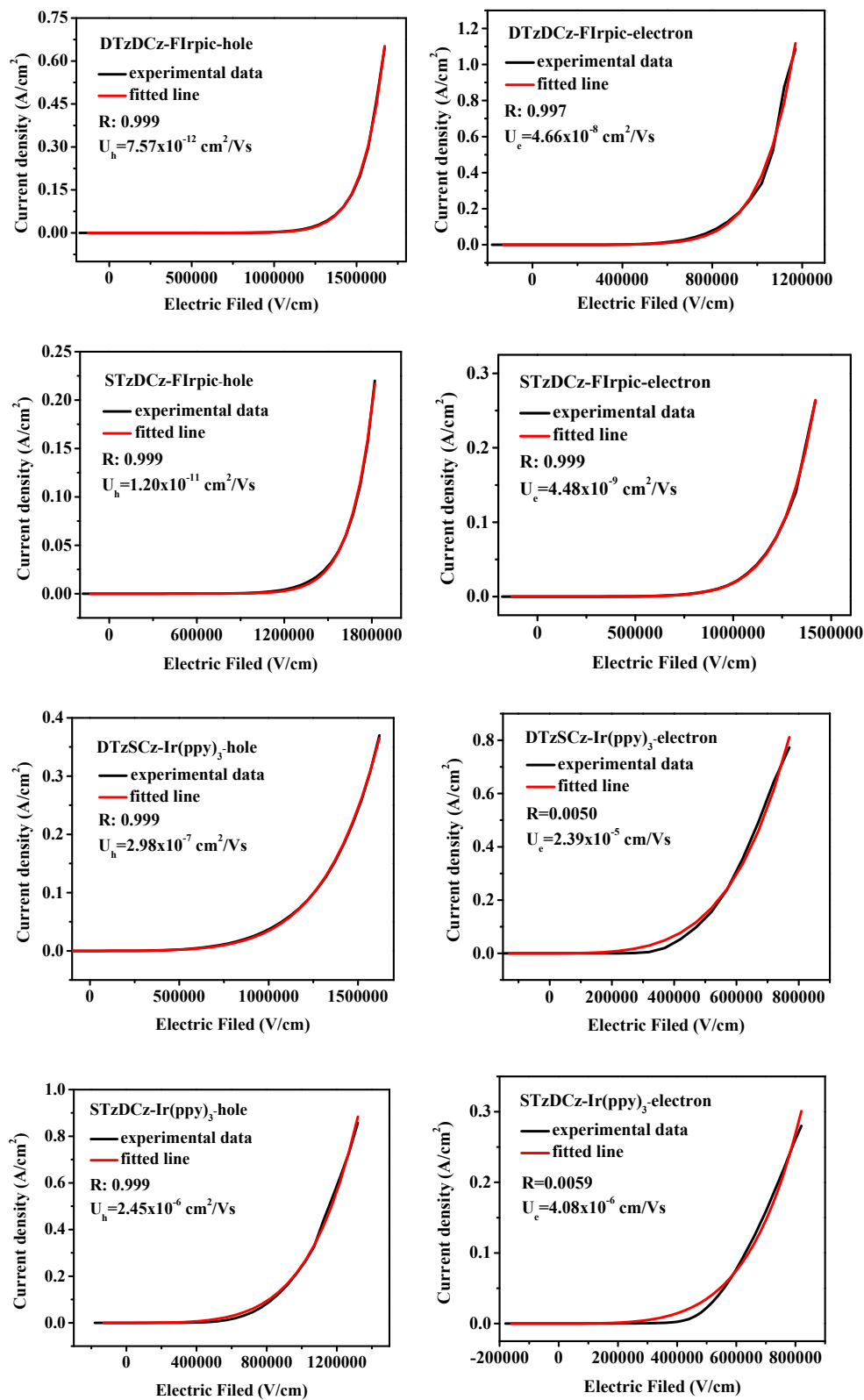


Fig. S4 The measured current density-electrical field (J - E) characteristics and the calculated mobilities for FIrpic- and Ir(ppy)₃-host based hole-only and electron-only devices.

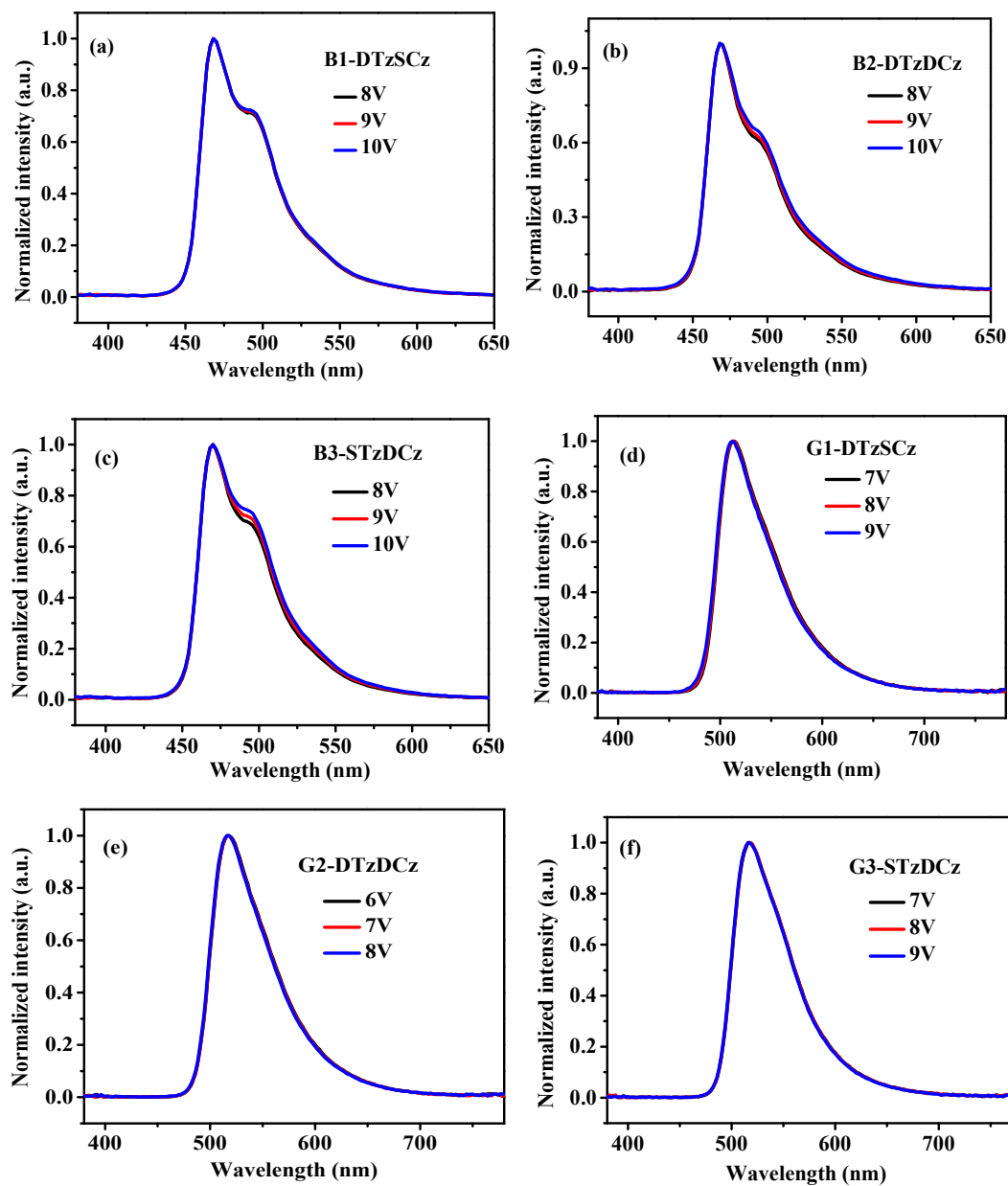


Fig. S5 EL spectra of the FIrpic based blue devices B1-B3 (a-c) and Ir(ppy)₃ based green devices G1-G3 (d-f).