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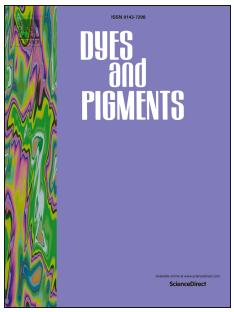

Efficient green phosphorescent organic light-emitting diodes enabled with new and thermally stable carbazole/pyridine derivatives as hosts

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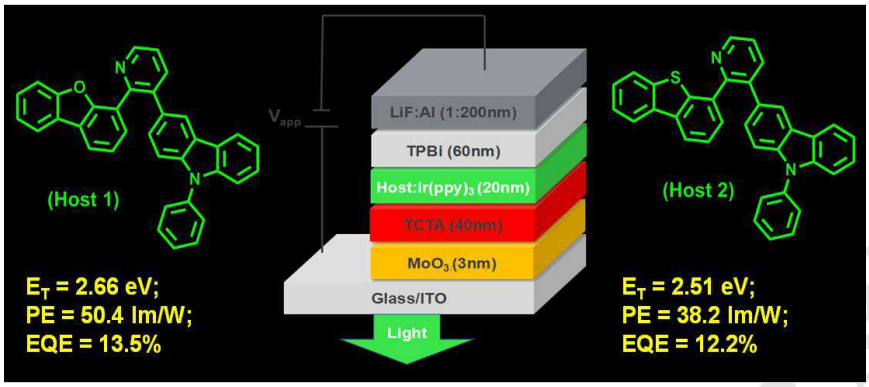
Graphic abstract



Green PhOLED with power efficiency as high as 50.4 lm/W was achieved by using carbazole/pyridine/dibenzofuran derivative as host.