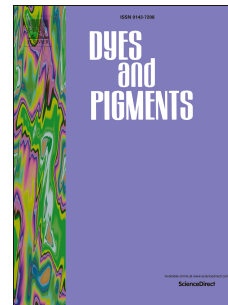


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Reduced efficiency roll-off and enhanced excitation confinement in exciplex-type host:
Electron transport materials based on benzimidazole units

Tingting Lu, Wei Jiang, Kaiyong Sun, Wenwen Tian, Yueming Sun



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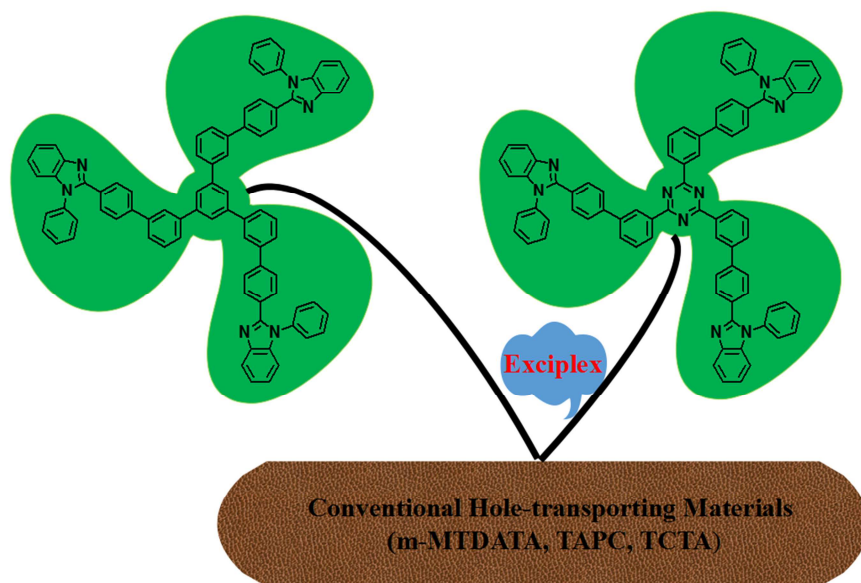
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To deal with the deficiency of electron transport materials of solution-processed organic light emitting diodes , two high triplet energy electron transporting materials were successfully designed and synthesized, efficiently forming exciplexes with the conventional hole-transporting materials.



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