

Supporting Information

Efficient Organic-Inorganic Hybrid Hole Injection Layer for Organic Light-Emitting Diodes by Aqueous Solution Doping

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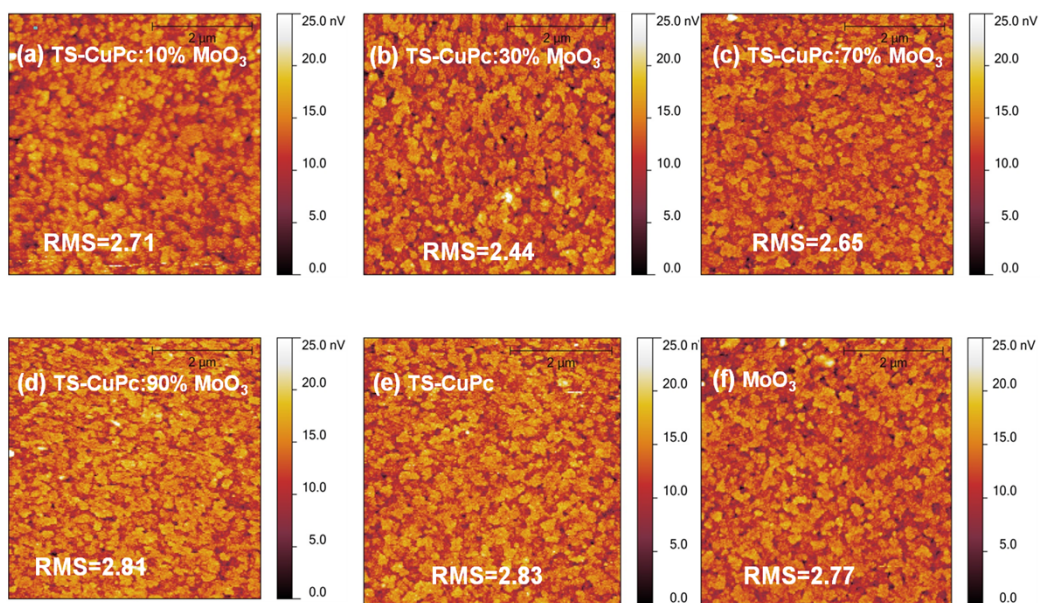


Figure S1 AFM surface image of TS-CuPc, MoO₃, and MoO₃ doped TS-CuPc films with varied MoO₃ doping concentration.

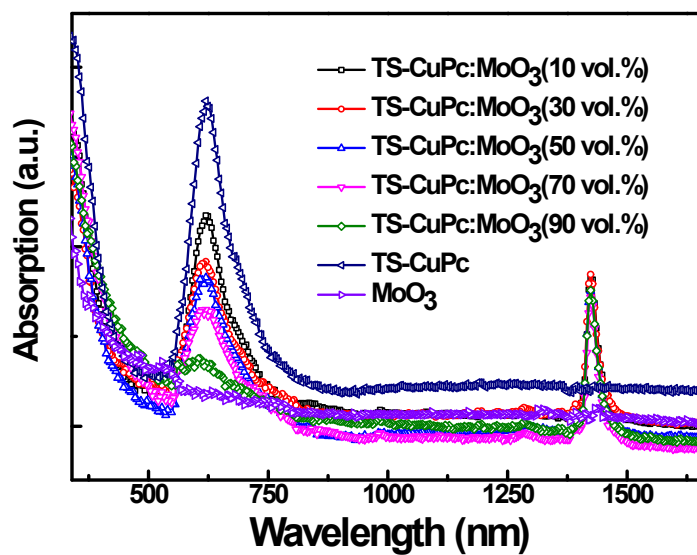


Figure S2 UV/Vis absorption spectra of TS-CuPc, MoO₃, and MoO₃ doped TS-CuPc films with varied MoO₃ doping concentration.

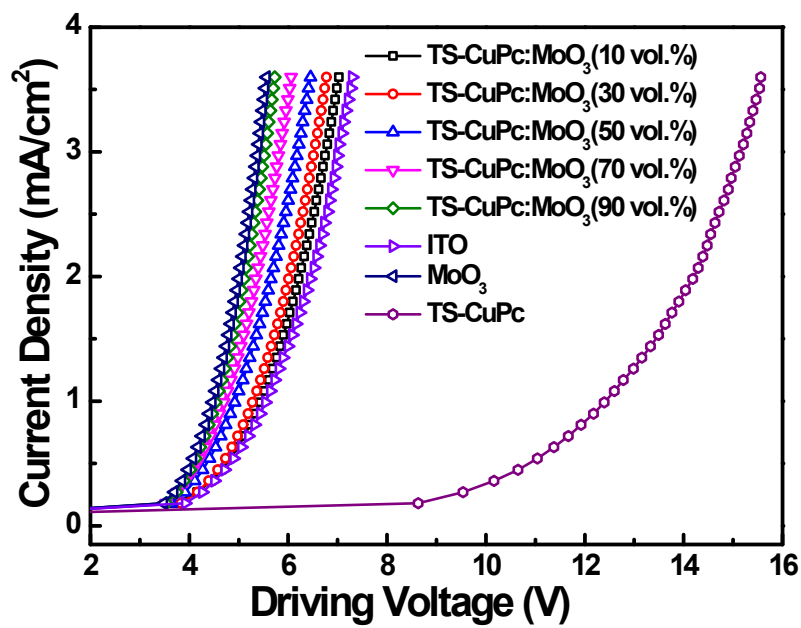


Figure S3 J - V characteristics of Ir(MDQ)₂acac based OLEDs with pristine TS-CuPc, pristine MoO₃, and MoO₃ doped TS-CuPc:MoO₃ interfacial layers with different MoO₃ doping concentration.

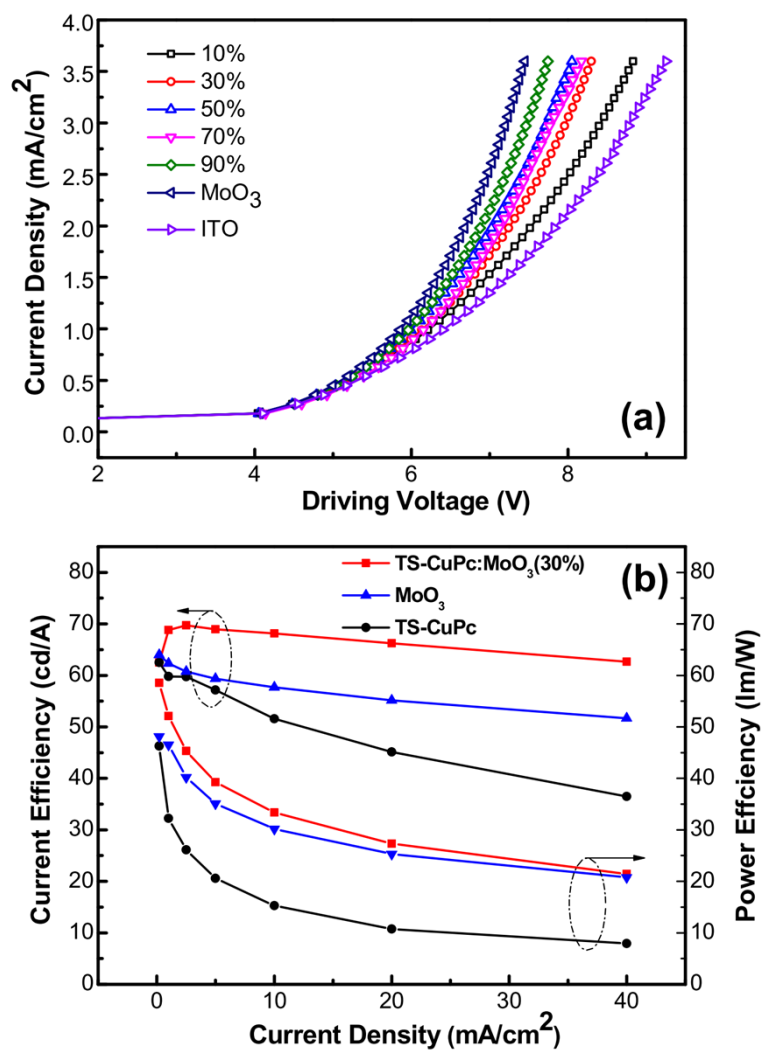


Figure S4 Current efficiency and power efficiency characteristics in different hole interfacial layer based green OLEDs with a structure of ITO/TS-CuPc:MoO₃ (30%) (5.5 nm)/TCTA (45 nm)/TCTA: Ir(ppy)₂acac 4 wt% (15 nm)/TmPyPB (40 nm)/LiQ (2 nm)/Al (120 nm).