

Supporting information

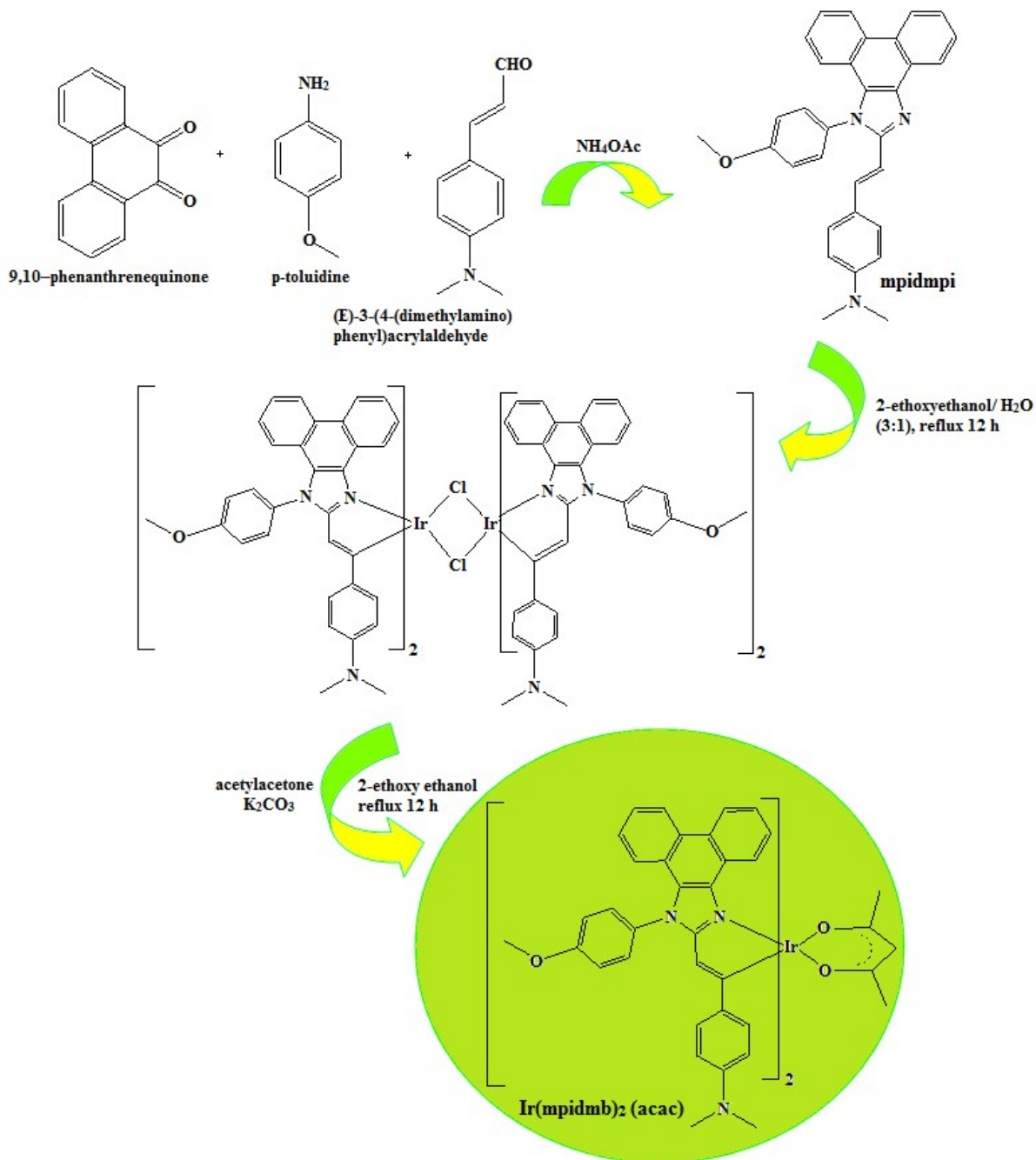
Dodecanethiol-functionalized Ag nanoparticles modified ITO anode for efficient performances of organic light-emitting devices

Jayaraman Jayabharathi*, Ganapathy Abirama Sundari, Venugopal Thanikachalam, Palanivel Jeeva and Sekar Panimozhi

Department of Chemistry, Annamalai University, Annamalainagar 608 002, Tamilnadu, India

* Tel: +91 9443940735; *E-mail address:* jtchalam2005@yahoo.co.in.

Scheme S1: Synthetic route of iridium(III)-bis-4-((*E*)-2-(1-(4-methoxyphenyl)-1H-phenanthro[9,10-d]-imidazolato-N,C²)) (acetylacetonate) [Ir(mpIdmb)₂(acac)]



Scheme S2: Schematic representation of coupling mechanism

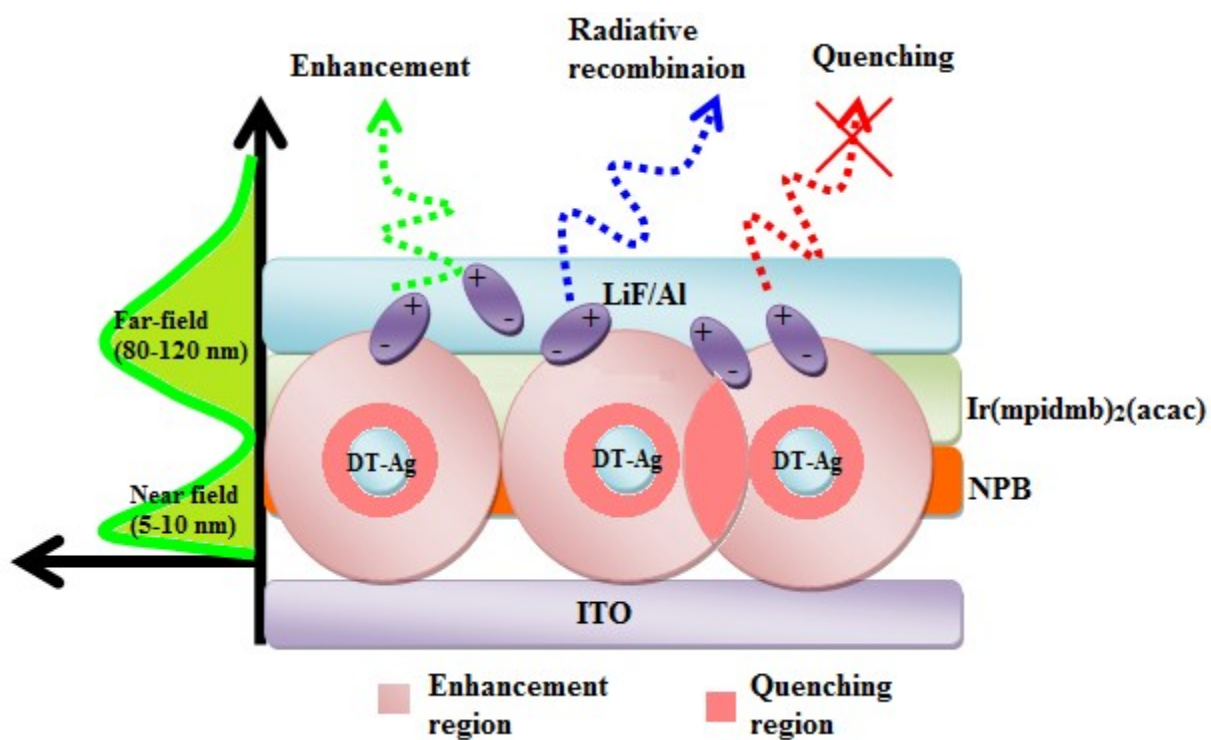


Figure S1: AFM images of devices I-IV

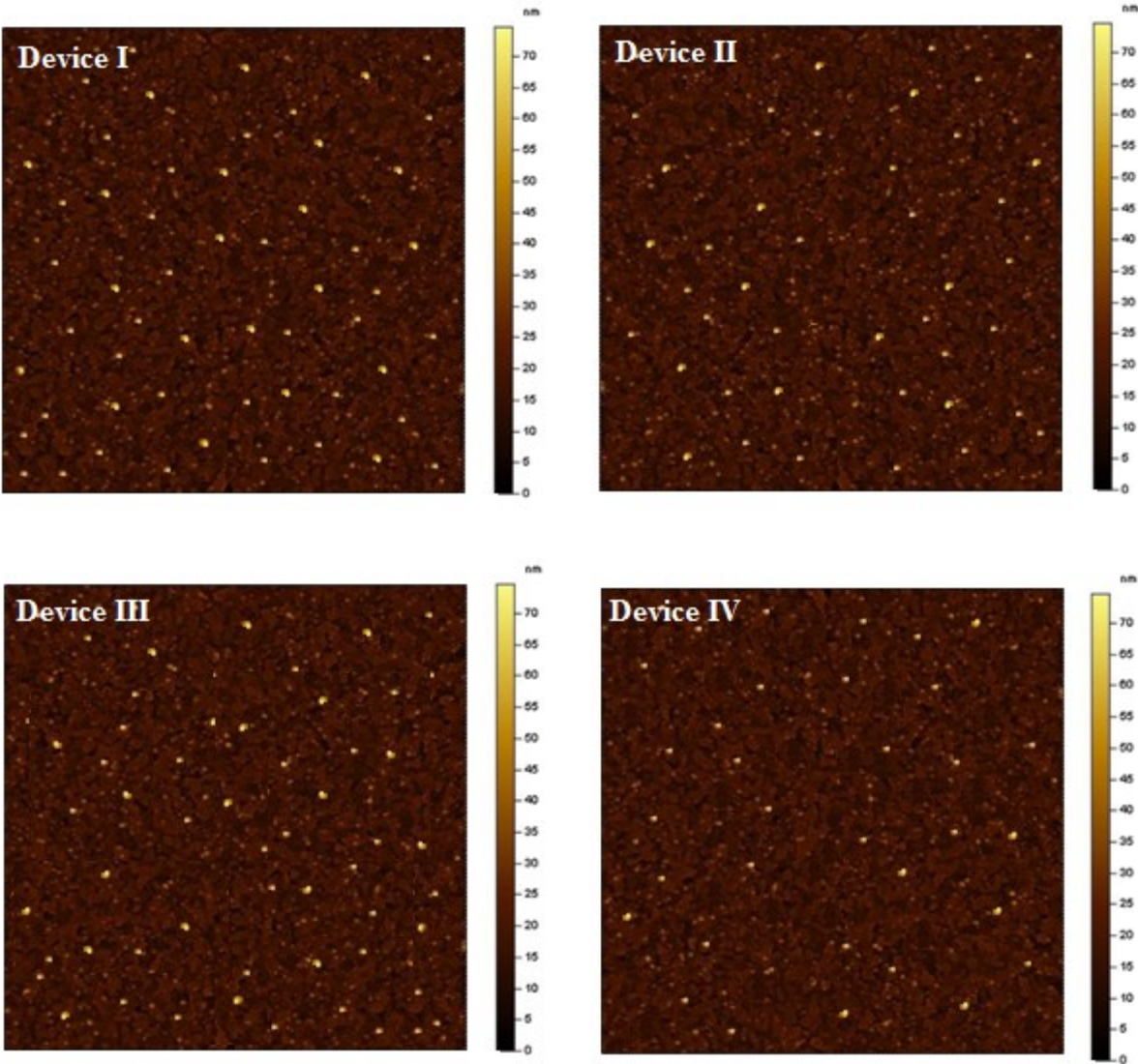


Figure S2: XPS core level spectra of indium 3d and tin 3d along with bare ITO and ITO/DT-Ag NPs

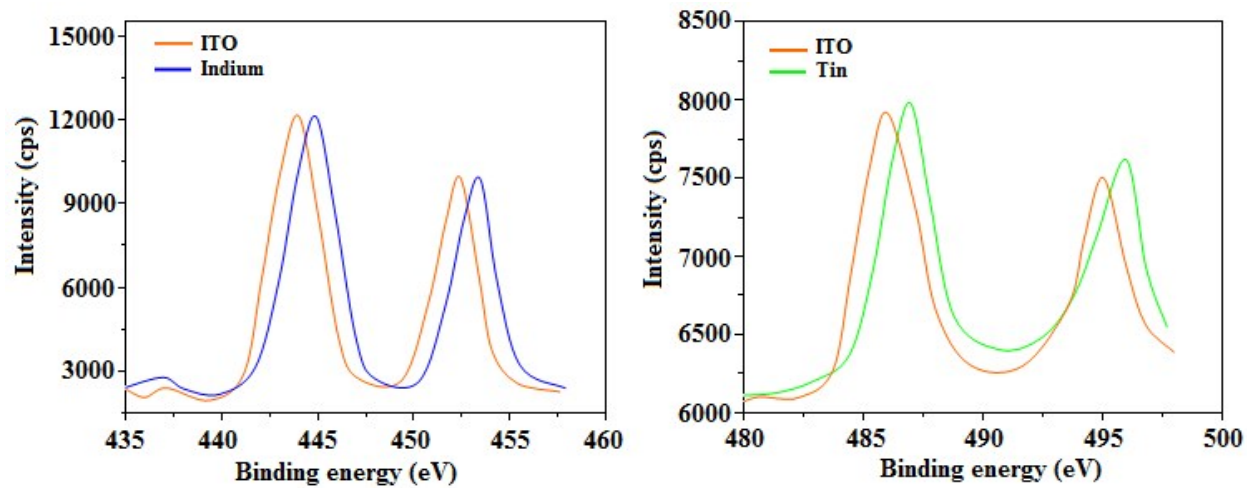


Figure S3: Schematic energy level diagram of ITO/NPB interface without and with DT-Ag NPs

