

Supporting Information

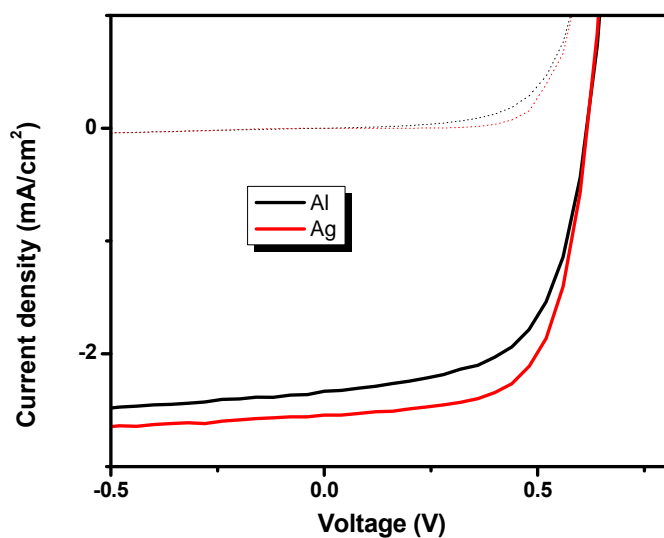


Figure S1: Current density vs. voltage characteristics of ITO/PtTPBP(150Å)/C₆₀(400Å)/BCP(100Å)/Al(1000Å) (black curve) and ITO/PtTPBP(150Å)/C₆₀(400Å)/BCP(100Å)/Ag (red curve) under dark (dotted lines) and simulated AM1.5G illumination at 50mW/cm² (solid lines).

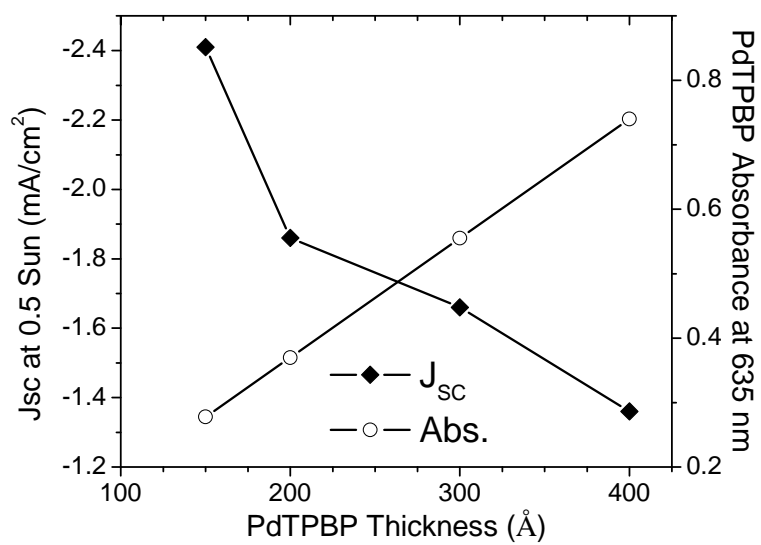


Figure S2: Current density vs. thickness of ITO/PdTPBP(xÅ)/C₆₀(400Å)/BCP(100Å)/Al(1000Å) under simulated AM1.5G illumination at 50mW/cm².

Table S1: Performance comparison of ITO/PtTPBP(150Å)/C₆₀(400Å)/BCP(100Å)/Al(1000Å) and ITO/PtTPBP(150Å)/C₆₀(400Å)/BCP(100Å)/Ag(1000Å) under simulated AM1.5G illumination at 50mW/cm²

Cathode	J_{sc} (±0.05mA/cm²)	V_{oc} (±0.01V)	FF (±0.03)	η (±0.1%)
Al	2.33	0.62	0.60	1.7
Ag	2.54	0.62	0.65	2.0

Table S2: Performance comparison of ITO/PdTPBP(xÅ)/C₆₀(400Å)/BCP(100Å)/Al(1000Å) under simulated AM1.5G illumination at 50mW/cm²

PdTPBP				
Thickness	J_{sc}	V_{oc}	FF	η
(Å)	(±0.05mA/cm²)	(±0.01v)	(±0.03)	(±0.1%)
150	2.41	0.61	0.62	1.8
200	1.86	0.63	0.60	1.4
300	1.66	0.64	0.60	1.3
400	1.36	0.65	0.58	1.0