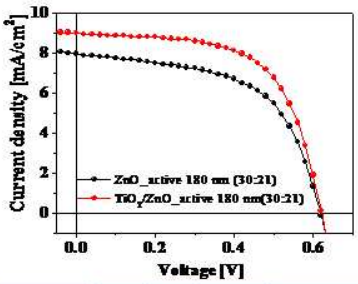
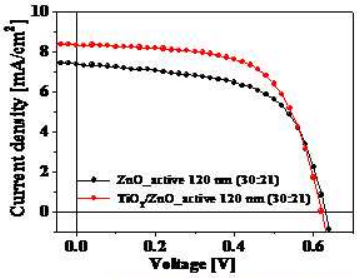
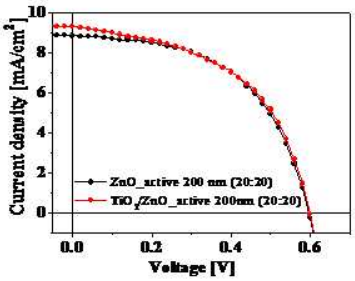
Supporting 4



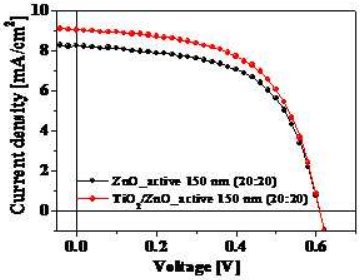
P3HT:PCBM 1 : 0.7 180nm	PCE (%)	FF	Voc(V)	Jsc(mA/cm²)
ZnO	2.81	0.57	0.61	7.98
TiO2 / ZnO	3.41	0.59	0.61	9.27



P3HT:PCBM 1 : 0.7 120nm	PCE (%)	FF	Voc(V)	Jsc(mA/cm²)
ZnO	2.82	0.60	0.62	7.38
TiO2 / ZnO	3.27	0.63	0.62	8.33



P3HT:PCBM 1 : 1 200nm	PCE (%)	FF	Voc(V)	Jsc(mA/cm²)
ZnO	2.82	0.53	0.59	8.86
TiO2 / ZnO	2.84	0.50	0.59	9.31



P3HT:PCBM 1 : 1 150nm	PCE(%)	FF	Voc(V)	Jsc(mA/cm²)
ZnO	2.95	0.58	0.60	8.21
TiO2 / ZnO	3.19	0.58	0.60	9.01

Changes in the current density as a function of circuit voltage of various IOSCs are summarized. Ratio of P3HT and PCBM and active layer thickness for each device is given in the table.

190x254mm (96 x 96 DPI)