Electronic Supplementary Material (ESI) for Nanoscale.

Precision Printing and Optical Modeling of Ultrathin SWCNT/C_{60} Heterojunction Solar Cells

Supporting Information

Figure S1.

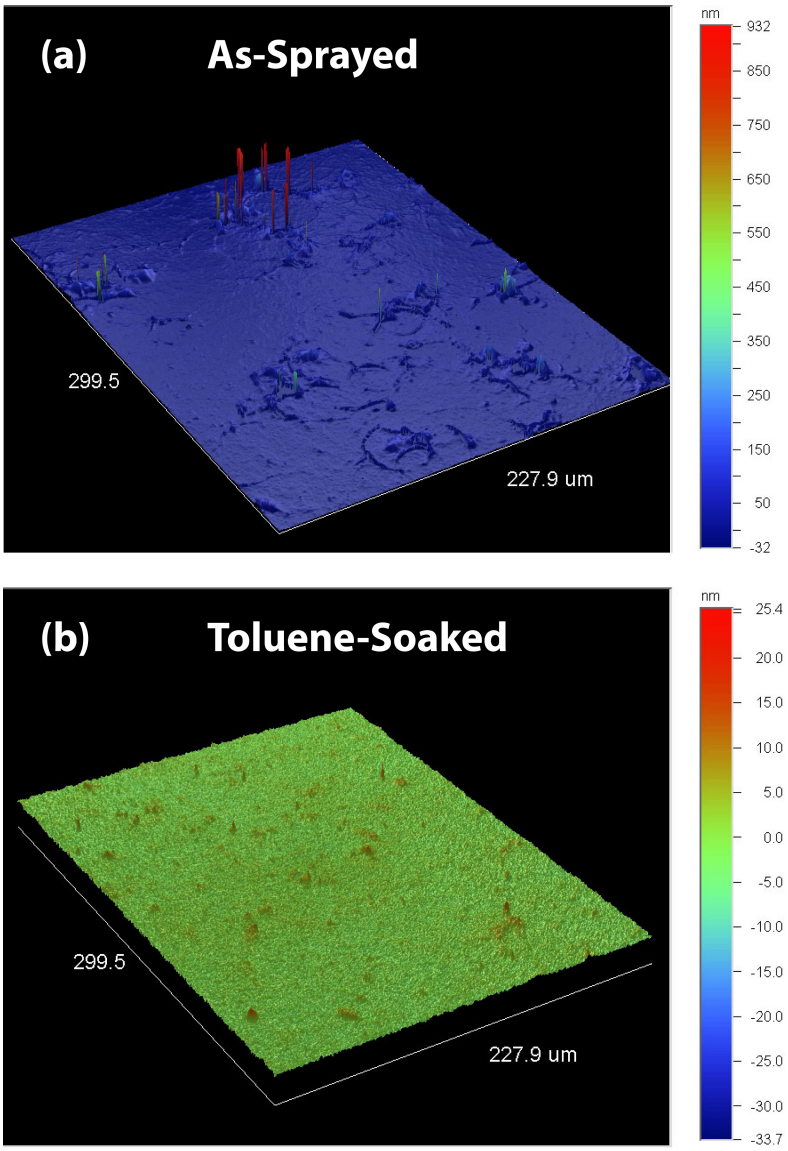

Figure S1. Optical profilometry with 20X objective of a (7,5) SWCNT film spray-coated onto glass revealed a significant reduction in surface roughness of the as-sprayed film (a) after soaking in toluene at 70 °C for 5 min (b).

Figure S2.

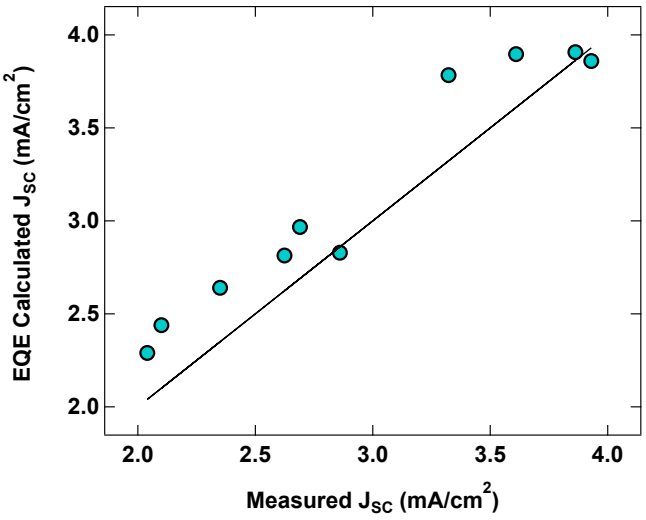

Figure S1. Comparison of J_{SC}, calculated from unbiased EQE measurement, to experimental J_{SC} from AM1.5 1 sun solar simulator

Figure S3.

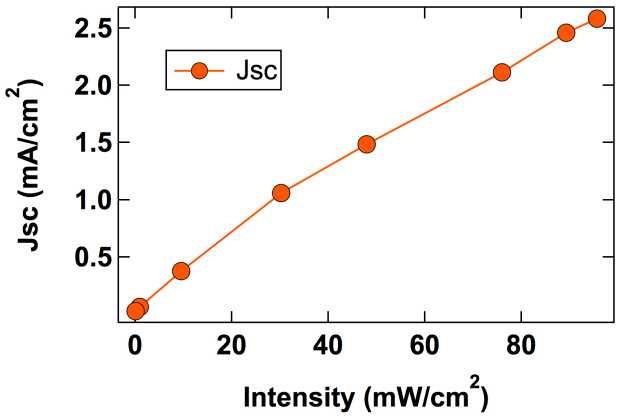

Figure S2. Intensity-dependent J_{SC} for a SWCNT:PV device with ~10 nm SWCNT layer and ~80 nm C_{60} layer.