

Supplementary Information

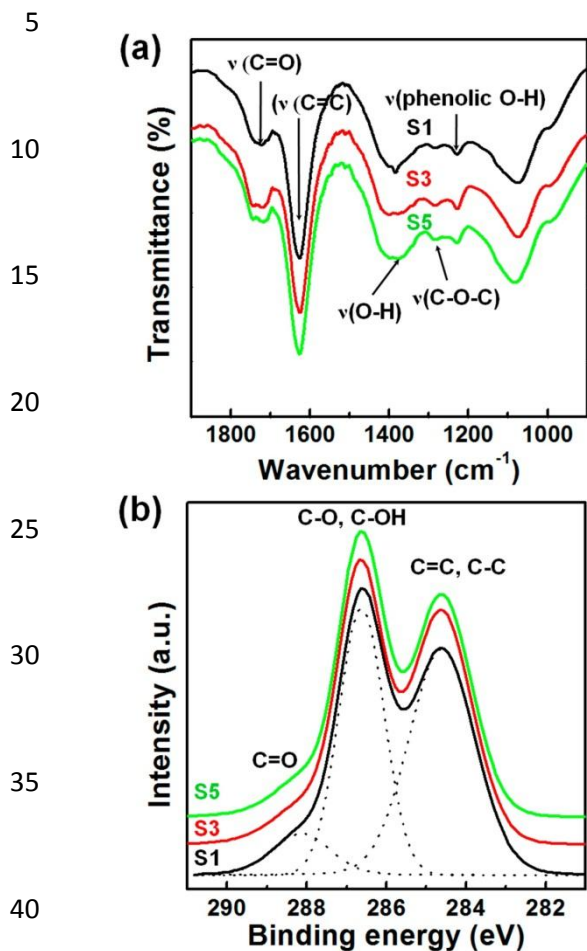


Figure S1. (a) FT-IR and (b) XPS spectra of size-sorted GO (S1 (black-line), S3 (red-line), S5 (green-line)).

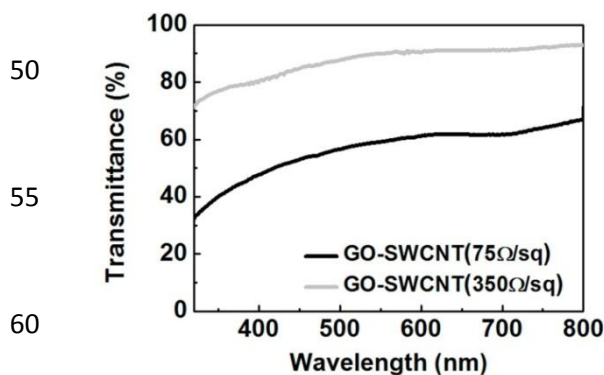


Figure S2. Transmittance spectra of GO-SWCNT electrodes with different sheet resistance values.

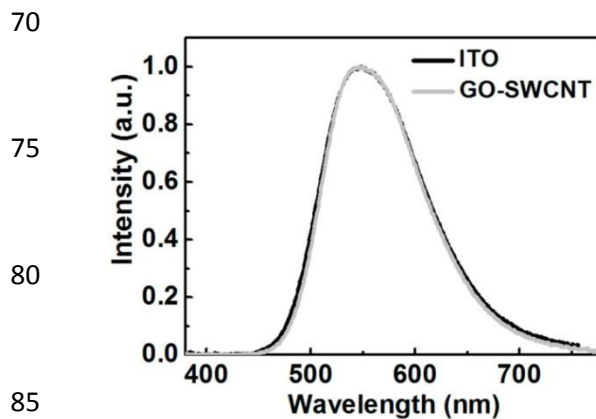


Figure S3. The EL spectra of GO-SWCNT based PLED and ITO-based PLED.

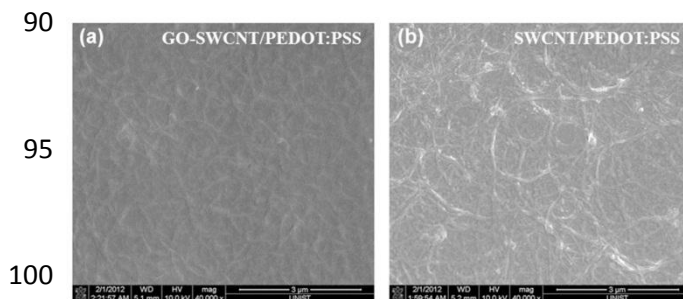


Figure S4. SEM images of (a) GO-SWCNT/PEDOT:PSS and (b) SWCNT/PEDOT:PSS layer.

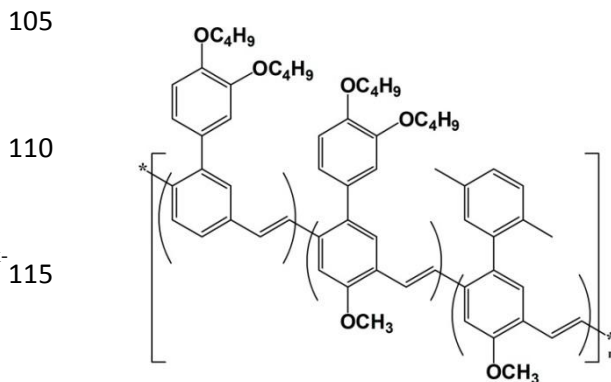


Figure S5. Molecular structure of super yellow.