

Stable Organic Thin Film Transducers for Biochemical and Label-Free Sensing Under Physiological Conditions

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Supporting Information

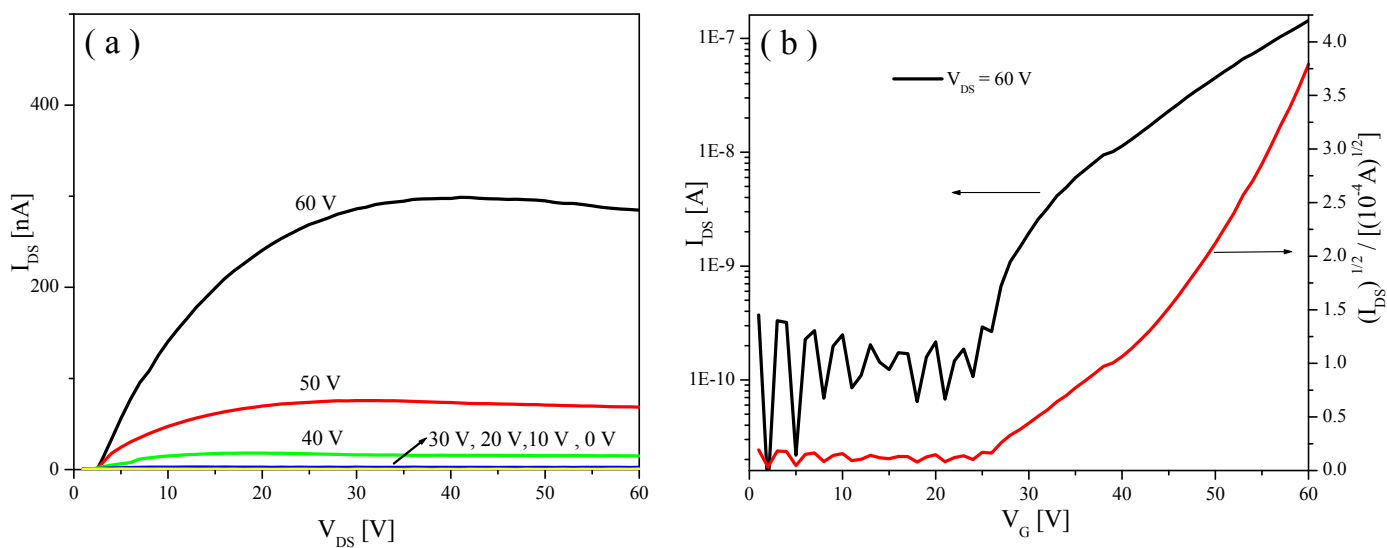


Fig. S1 (a) Output characteristics of n-channel OTFTs prepared without CYTOP at various values of V_G . (b) Transfer characteristics of n-channel OTFTs prepared without CYTOP.

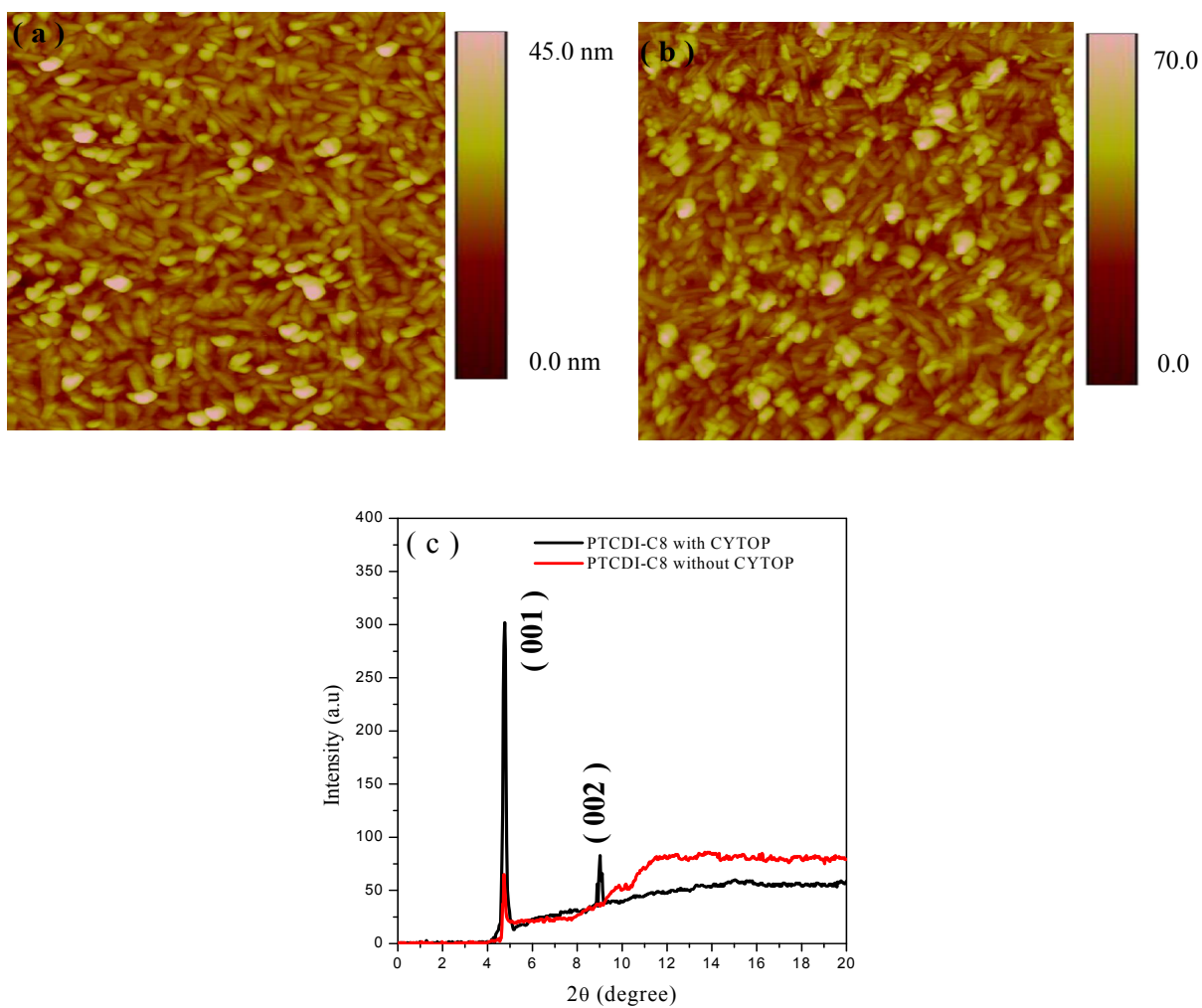


Fig. S2 (a, b) Atomic force microscopy (AFM) images of PTCDI-C8 films prepared in the (a) presence and (b) absence of CYTOP. (c) 2D XRD spectra of these PTCDI-C8 films.

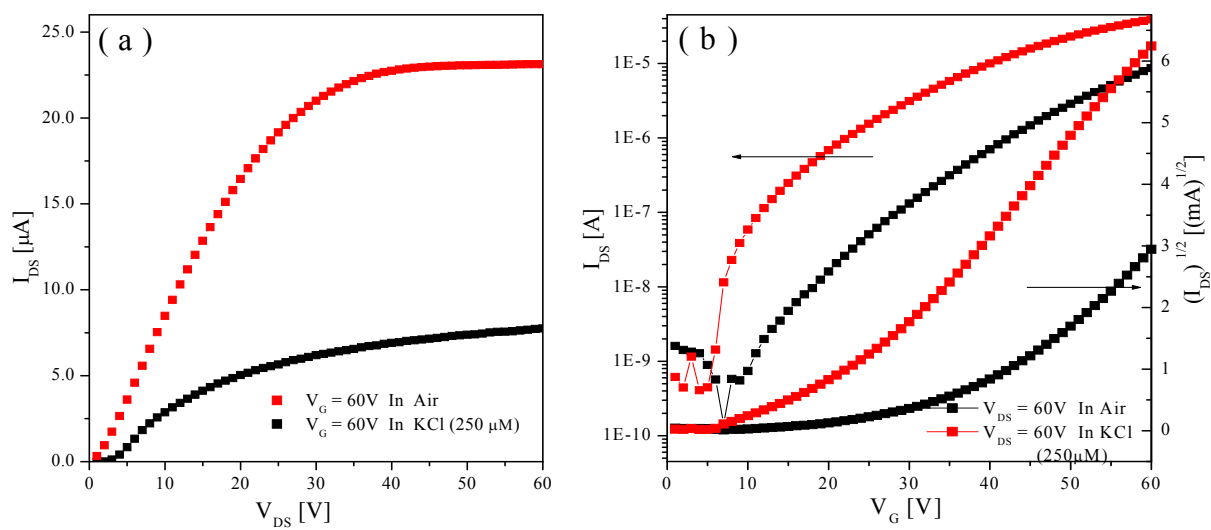


Fig. S3 (a) Output and (b) transfer characteristics of n-channel OTFTs under ambient conditions and after drying a 2- μ L drop of KCl solution.

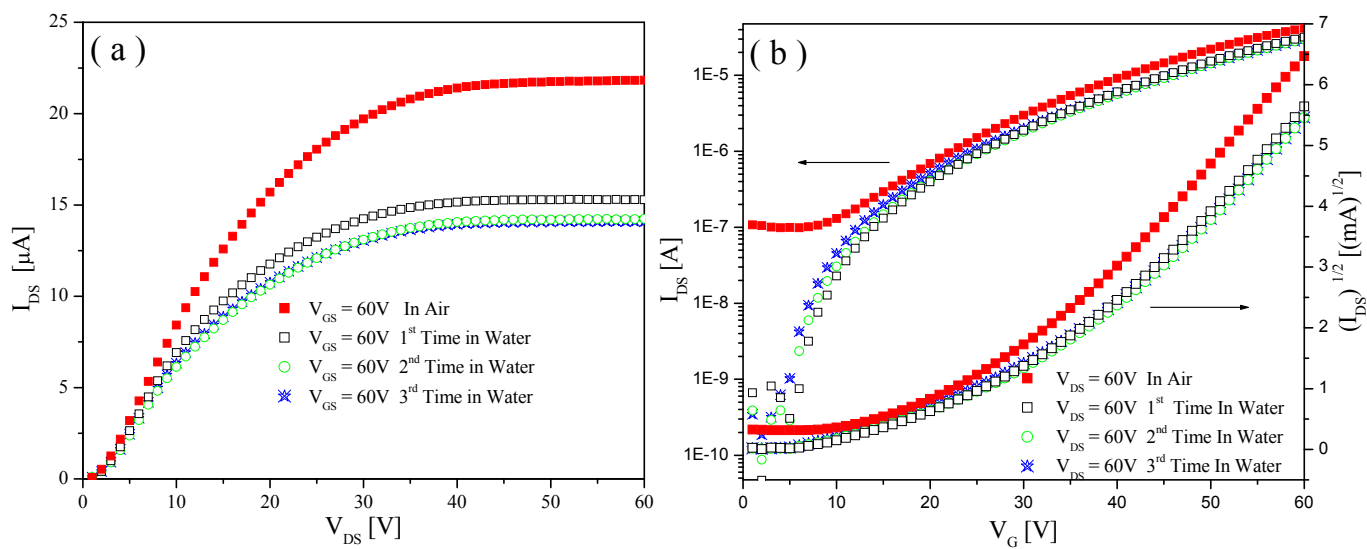


Fig. S4 (a) Output and (b) transfer characteristics of n-channel OTFTs under ambient conditions and after drying a 2- μL drop of distilled water on top of the channel three times.