

Supplementary Information

Easily Processable Highly Ordered Langmuir-Blodgett Films of Quaterthiophene Disiloxane Dimer for Monolayer Organic Field-Effect Transistors

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1. Mobility distribution for monolayer LB OFETs.

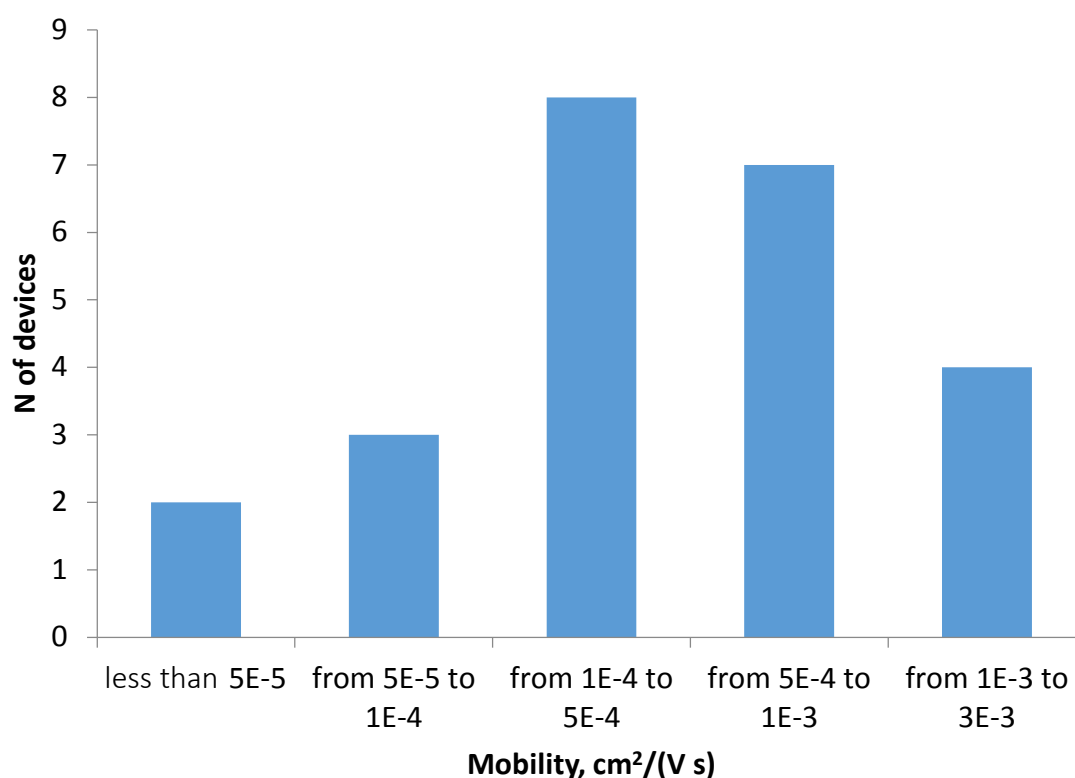


Figure S1. Mobility distribution for monolayer LB OFETs for 24 fabricated devices.

2. Transfer characteristics of a monolayer LB OFET as deposited and after one month on air.

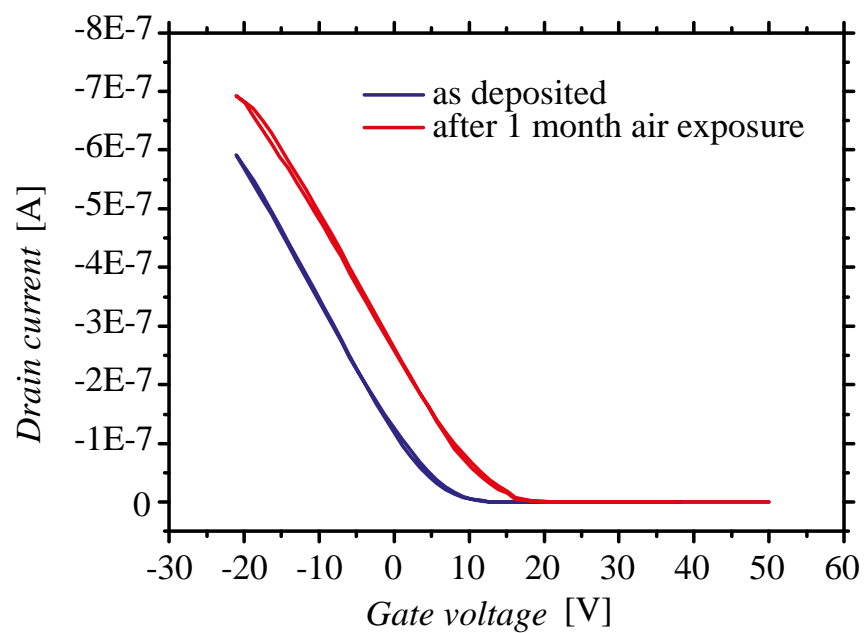


Figure S2. Transfer characteristics of a monolayer LB OFET as deposited and after one month on air. The extracted field-effect mobilities are $2.6 \times 10^{-3} \text{ cm}^2/(\text{V s})$ and $2.5 \times 10^{-3} \text{ cm}^2/(\text{V s})$ correspondingly.

3. Transfer characteristics of a three-layer LB OFET.

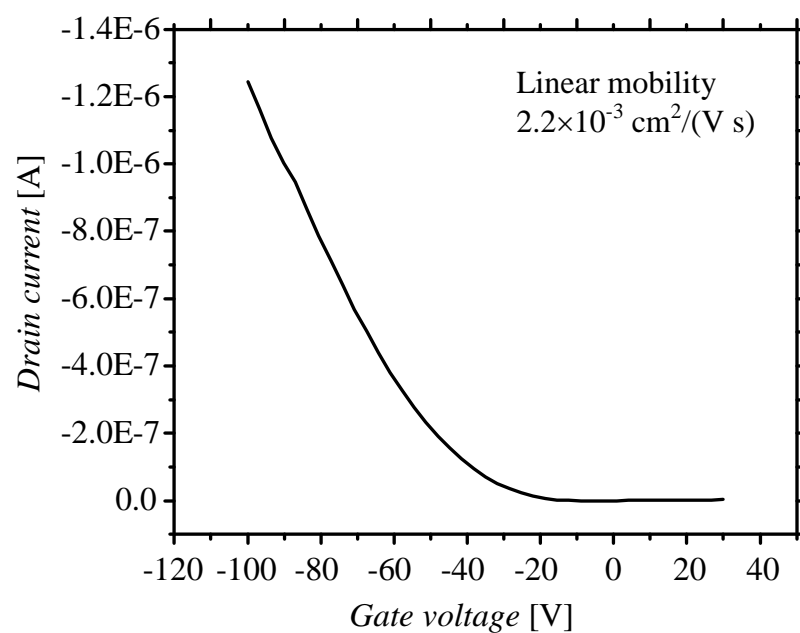


Figure S3. Transfer characteristics of a three-layer LB OFET. The estimated linear mobility was found to be $2.2 \times 10^{-3} \text{ cm}^2/(\text{V s})$.