

- Supplementary Information -

Liquid thin film dewetting-driven micropatterning of
reduced graphene oxide electrodes for high performance
OFETs

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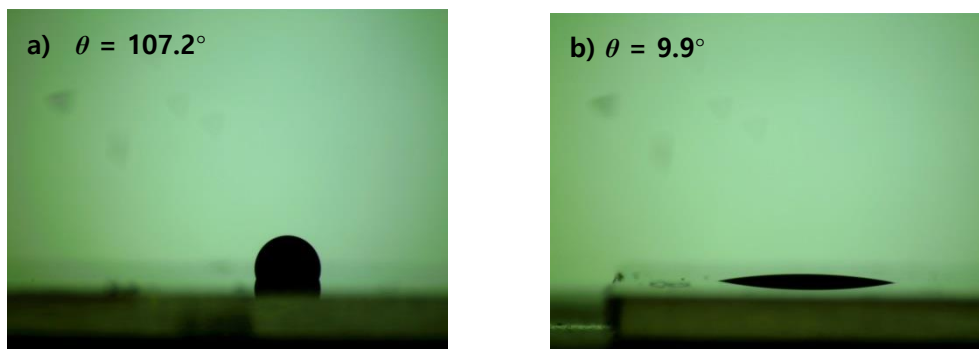


Figure S1. Contact angle (θ) of 6.65 mg/mL GO solution on (a) ODTS-treated substrate and (b) UV-O₃ treated substrate.

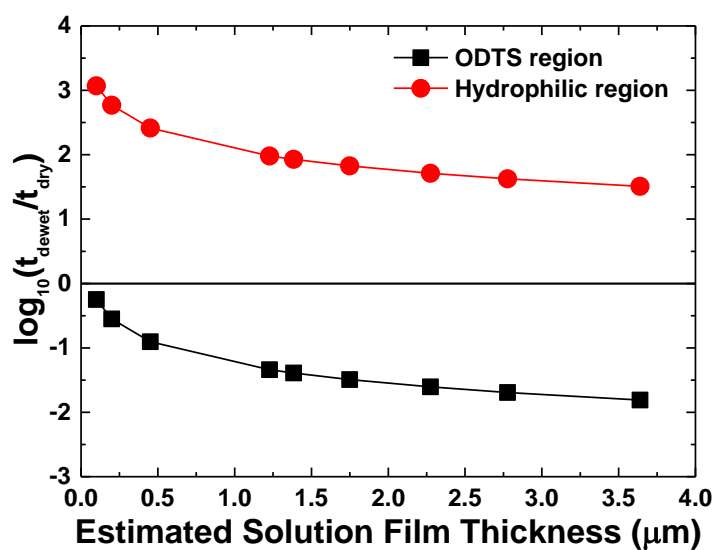


Figure S2. Relative time scale of dewetting and drying times ($t_{\text{dewet}}/t_{\text{dry}}$) on hydrophilic and ODTS-treated regions as a function of the liquid thin film thickness estimated by equation (1).

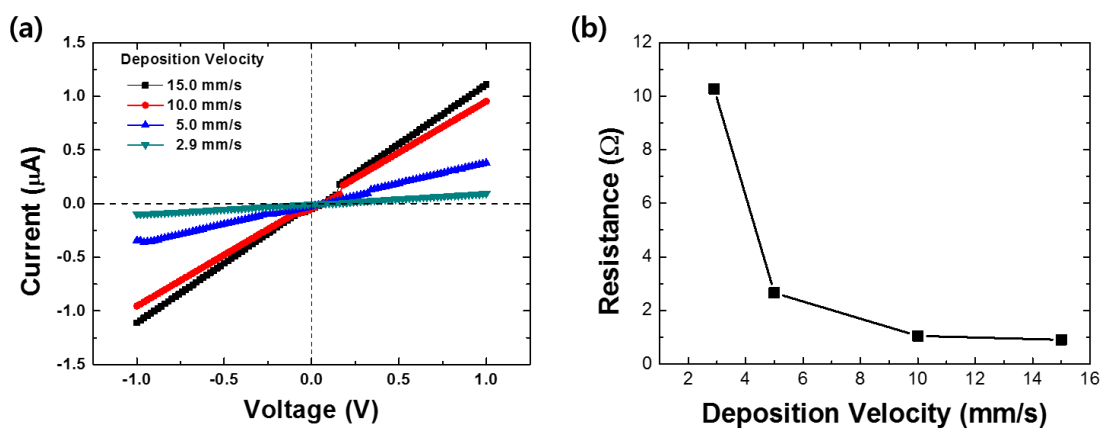


Figure S3. (a) I-V characteristic plot and (b) corresponding resistance profile of the rGO line patterns prepared with different deposition velocities in Figure 3b.