Electronic Supplementary Information (ESI)

Flexible OLEDs with Graphene Electrodes on Renewable Cellulose Platforms

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This ESI contains SE-SEM images of single-layer graphene CVD samples over copper and cellulose-based flexible substrates, AFM images of CNC/PMMA/graphene electrodes, and glass and CNC-OLED under working conditions.

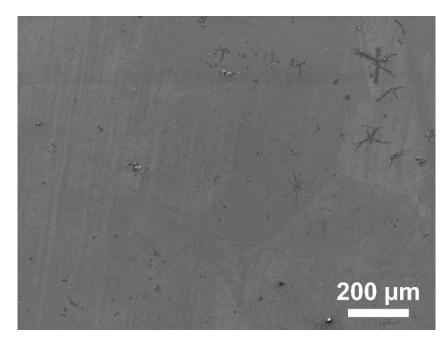


Fig. S1. Low magnification SE-SEM image of the single-layer graphene film on the copper substrate.

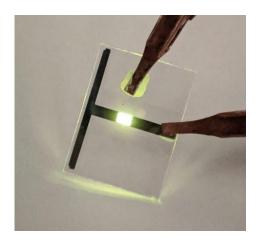


Fig. S2. Photograph of the quartz-supported OLED.

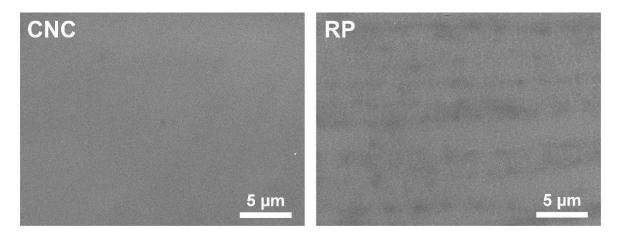


Fig. S3. SE-SEM images of CNC and rolling paper.

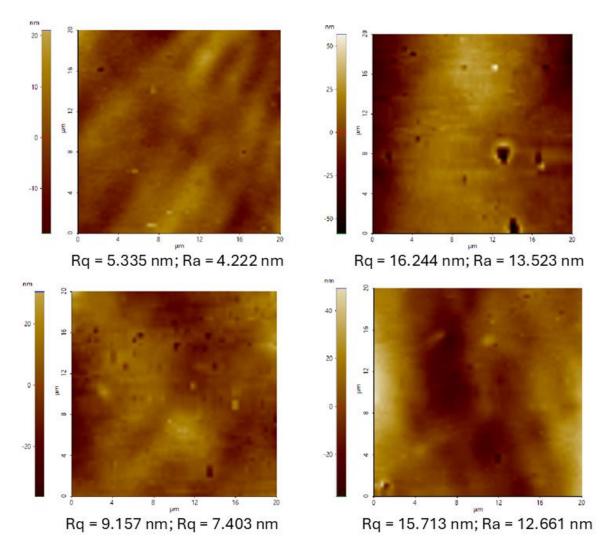


Fig. S4. AFM images of CNC/PMMA/Graphene electrodes and their roughness regarding root-mean-square roughness (Rq) and roughness average (Ra).

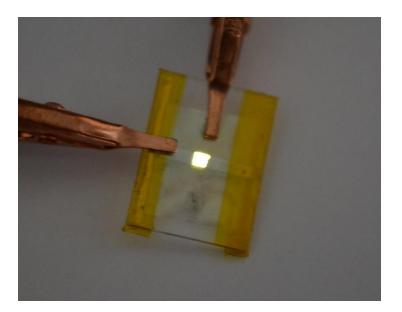


Figure S5. Photograph of CNC-OLED.