Supporting Information

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Micro Organic Light Emitting Diode Arrays by Patterned Growth on Structured Polypyrrole

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Figure S1 Absorption and photoluminescence spectra of 150 nm PPy film on quartz substrate.

The absorption spectroscopy was measured by a UV-vis/near-IR spectrophotometer (PerkinElmer Lambda 750), and the photoluminescence spectroscopy was measured under 320 nm excitation by a FLUOROMAX-4 spectrofluorometer equipped with a xenon lamp.
Figure S2 The c-AFM image of a) conductive PPy on substrate. b) NPB selectively grown on PPy, and c) subsequent deposition of continuous Alq3 layer.

Figure S3 Schematics of green OLED device structure a) with PPy layer on ITO, b) on bare ITO, and c) with Au layer on ITO.

Figure S4 Electroluminescence spectra of OLED devices at different brightness.