

## Supporting Information

### **Patterned Growth of Vertically Aligned Organic Nanowire Waveguide Arrays**

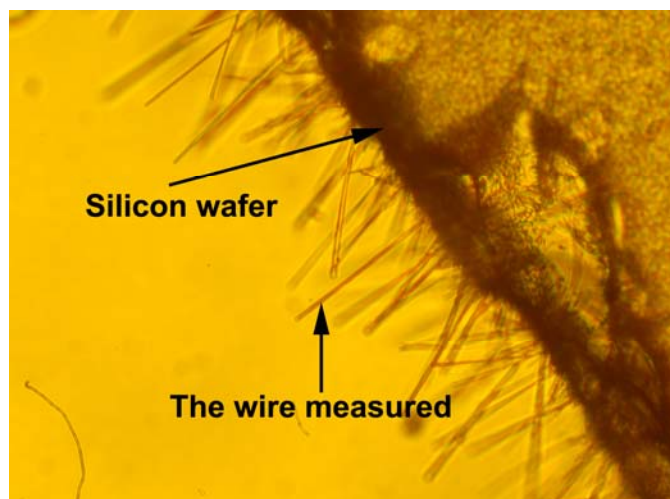
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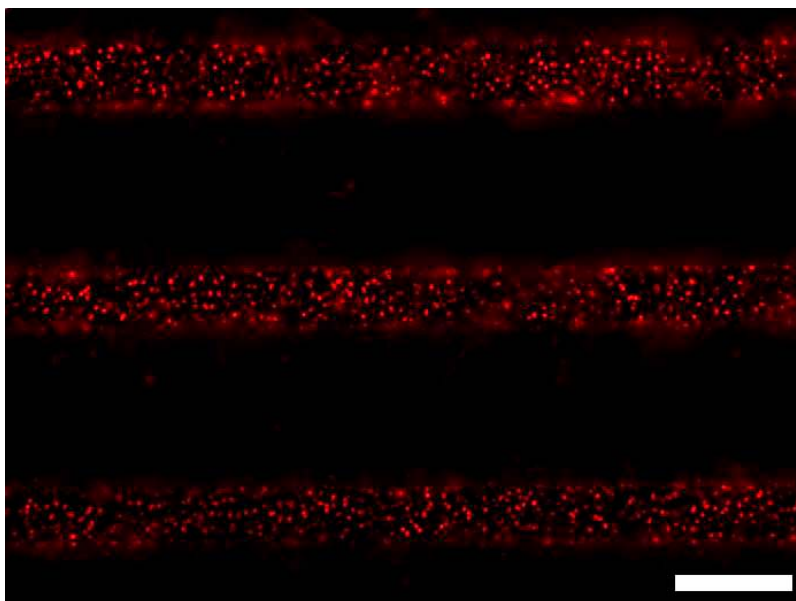
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60208-3108.

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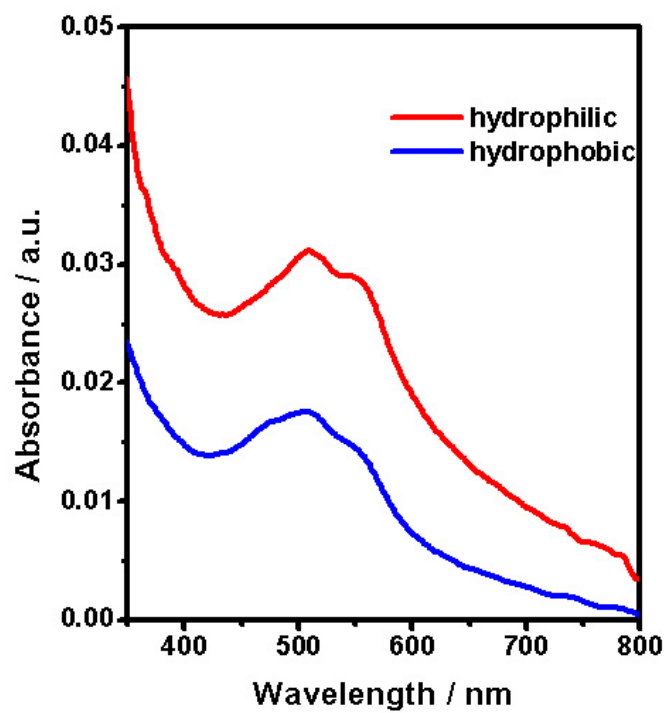
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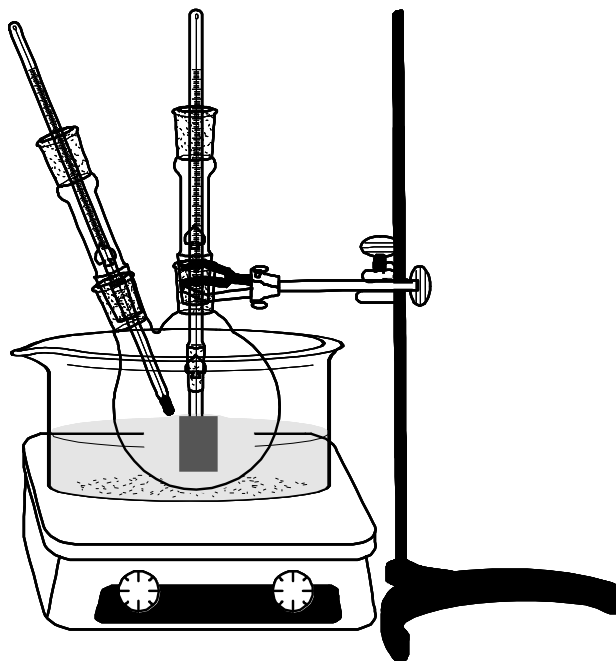
**Figure S1** Optical microscope images of the vertical DAAQ nanowires used for waveguide measurements.



**Figure S2** Plane view PL microscopy of the physically patterned DAAQ nanowire arrays with scoured silicon wafers. Scale bar is 20  $\mu\text{m}$ .



**Figure S3** UV-vis absorption spectra taken from the DAAQ nanowire arrays grown on a hydrophilic and a hydrophobic cover glass slides after the same length of deposition time, respectively. Preferred deposition on hydrophilic surface is clearly shown.



**Figure S4** The simplest setup for preparing DAAQ nanowires.