

Supporting Information

Facile Solution Synthesis without Surfactant Assistant for Ultra Long Alq₃ Sub-microwires and Their Enhanced Field Emission and Waveguide Properties

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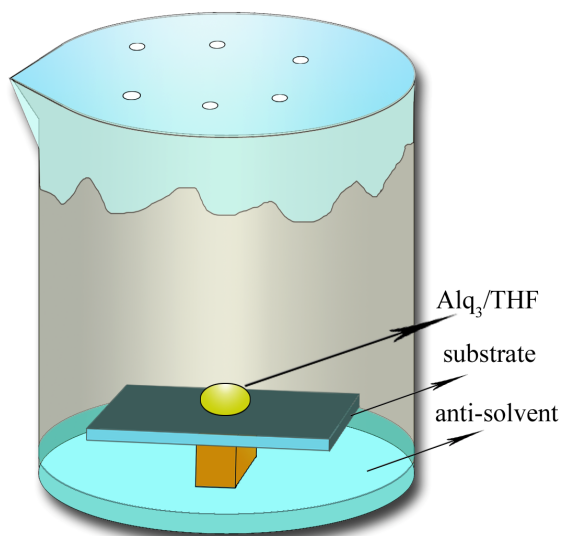


Figure s1. The scheme to the synthesis.

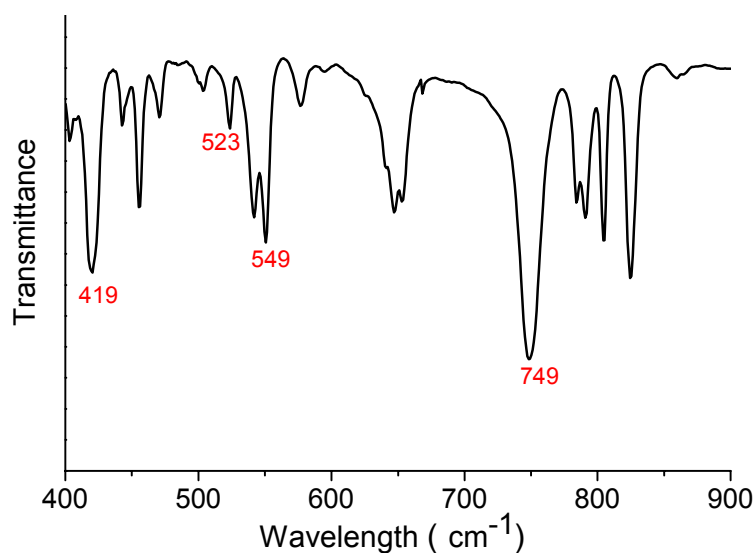


Figure s2. The FTIR spectra of Alq₃ sub-microwires.

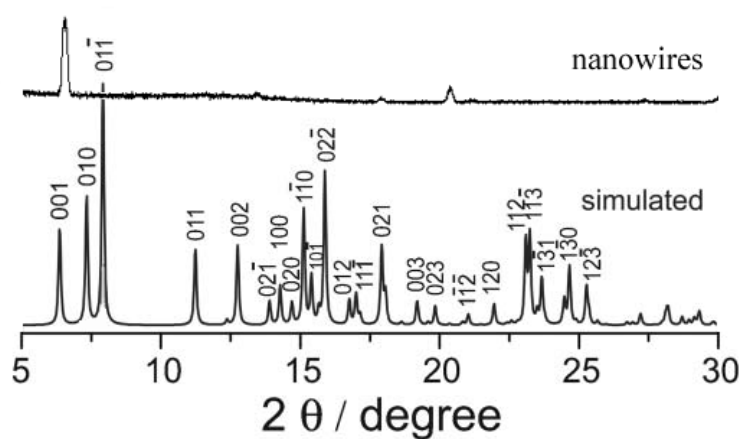


Figure s3. XRD patterns of Alq₃ sub-microwires and simulated pattern from α-Alq₃.^[i]

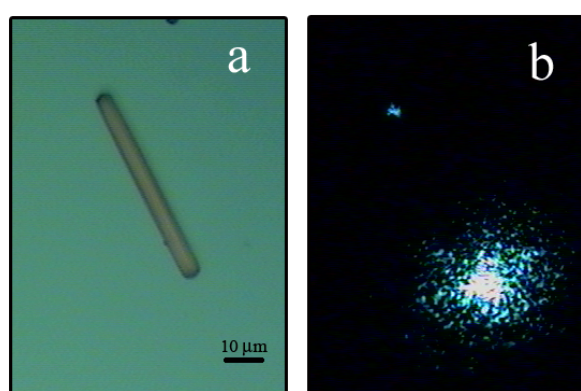


Figure s4. The waveguide property coupled at the tip with 514 nm laser.

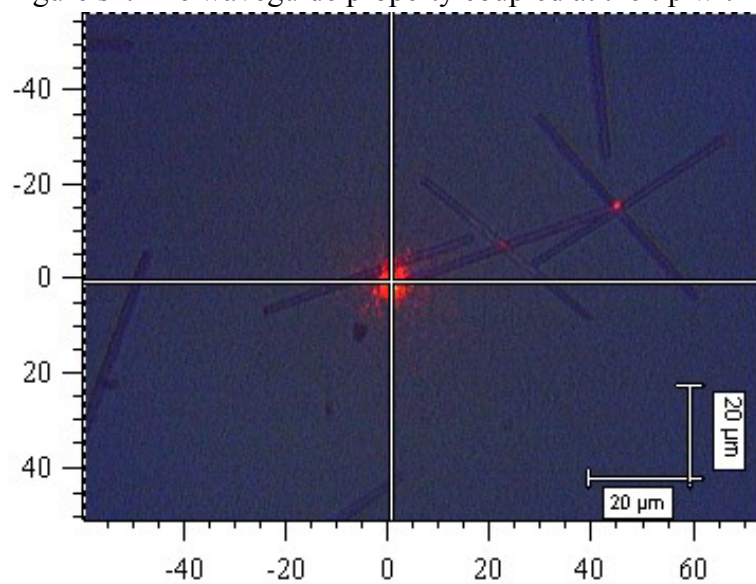


Figure s5. The waveguide property coupled at the tip with 633 nm laser.

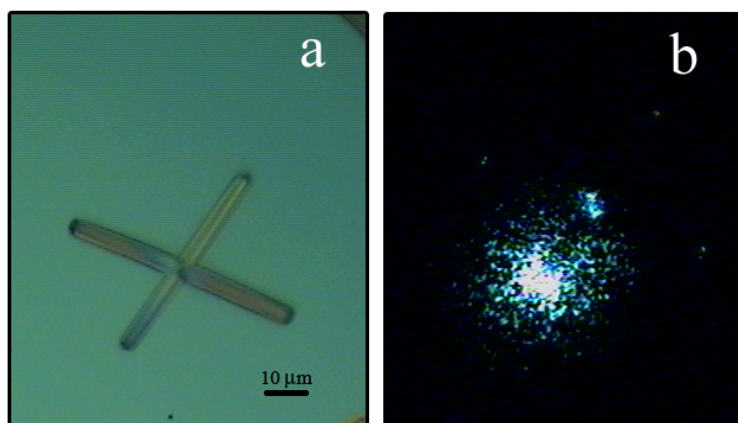


Figure s6. The waveguide of a single sub-microwire sharing an intersection with another sub-microwire coupled at the tip at with 514 nm laser.

Reference

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- [1] J. S. Hu, H. X. Ji, A. M. Cao, Z. X. Huang, Y. Zhang, L. J. Wan, A. D. Xia, D. P. Yu, X. M. Meng, S. T. Lee, *Chem. Commun.* **2007**, 3083.