

Supporting Information:

Solvent-induced self-assembly synthesis of ultralong single crystalline organic NiOEP nanowires with high photoconductivity

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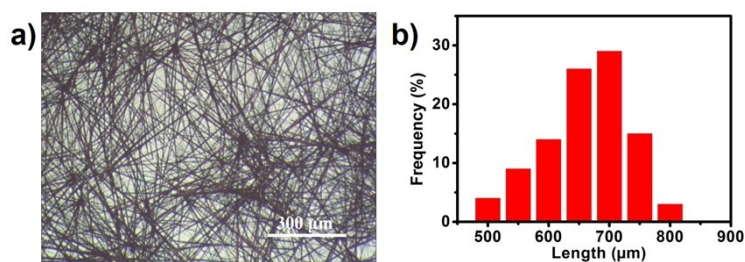


Fig. S1 (a) Optical image of the NiOEP nanowires. (b) Distribution of length of NiOEP nanowires.

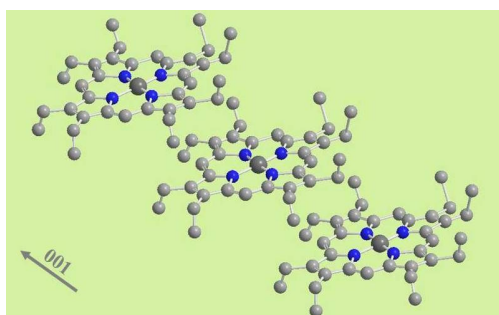


Fig. S2. Schematic illustration of molecule stacking in NiOEP nanowires.

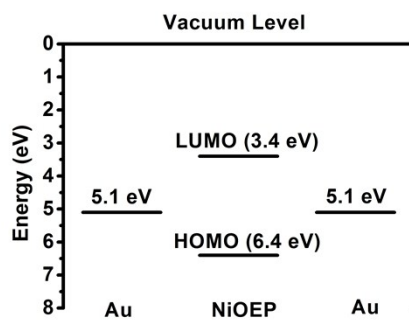


Fig. S3 Schematic diagram for the energy band of the device.

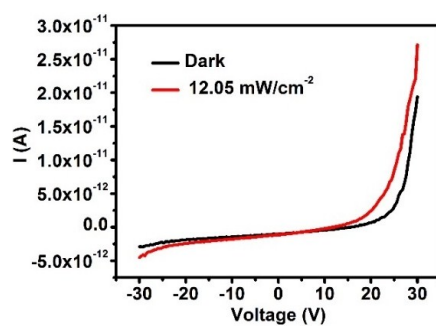


Fig. S4 I-V curves of the device based on short NiOEP nanowires.

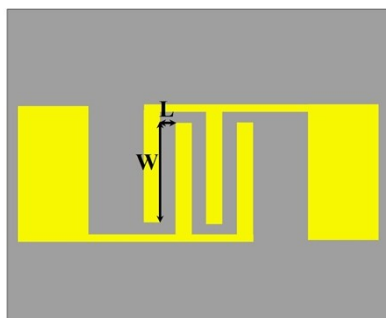


Fig. S5 Geometry of the finger electrode. $L = 20 \mu\text{m}$, and $W = 160 \mu\text{m}$.