

## Supplementary Information

### **Rapidly Synthesized ZnO Nanowires by Ultraviolet Decomposition**

#### **Process in Ambient Air for Flexible Photodetector**

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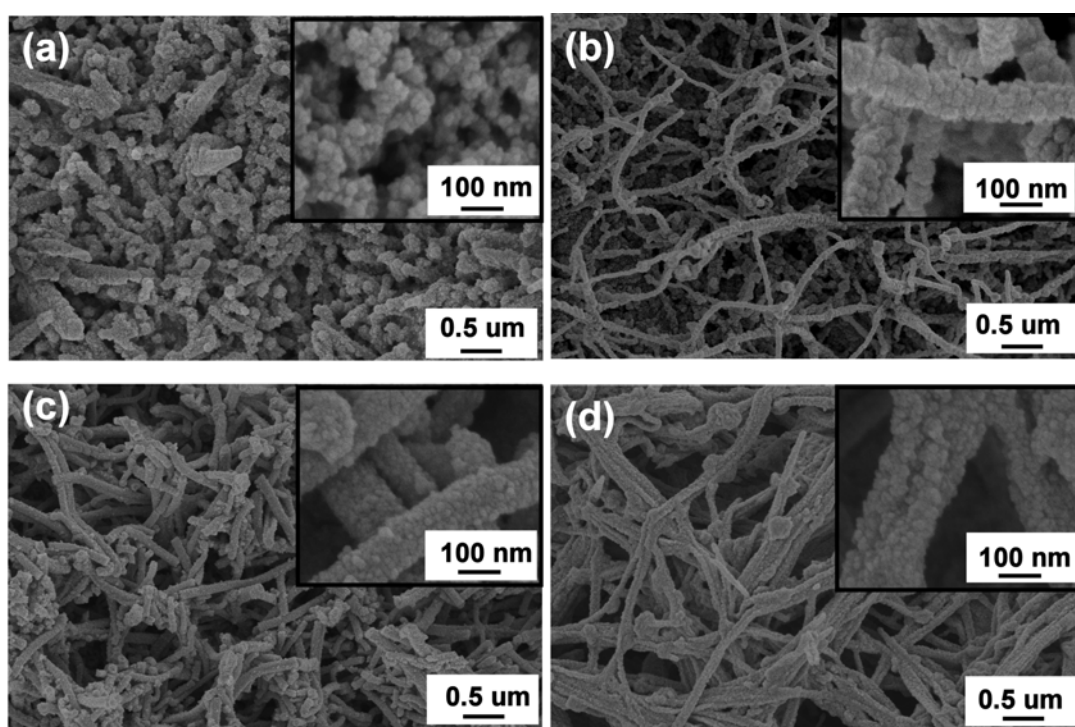


Figure S1 As-synthesized ZnO nanowires by UV-light decomposition process for (a) 3 minutes, (b) 5 minutes, (c) 10 minutes, (d) 40 minutes.

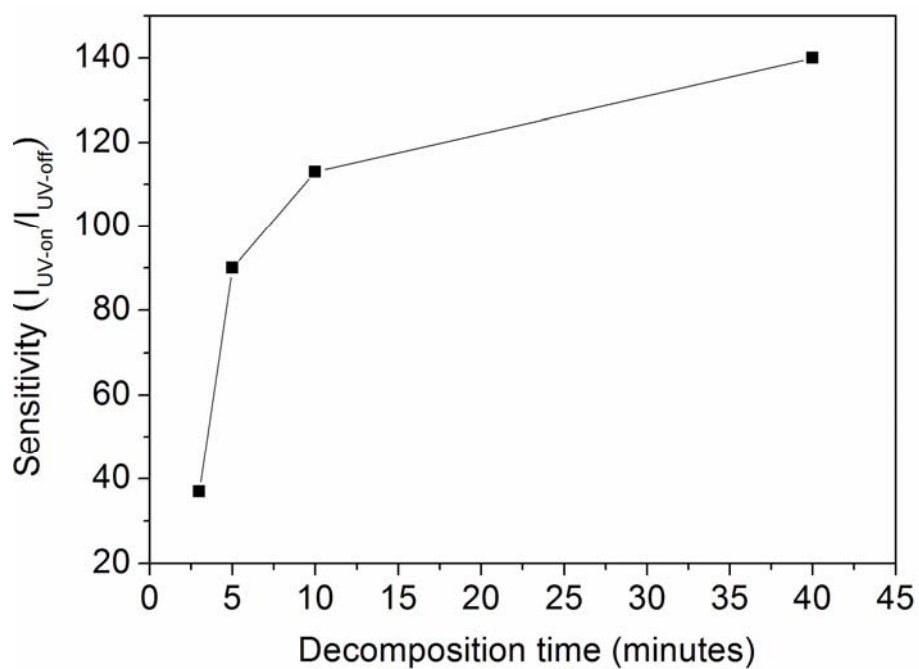


Figure S2 Sensitivities for UV decomposition times of 3, 5, 10, and 40 minutes are 37, 90, 113, and 140 fold, respectively.