

## Supporting Information

### High Sensitivity of NO Gas Sensors Based on Novel Ag-doped ZnO Nanoflowers Enhanced With UV light-Emitting Diode

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## Supplementary Figures

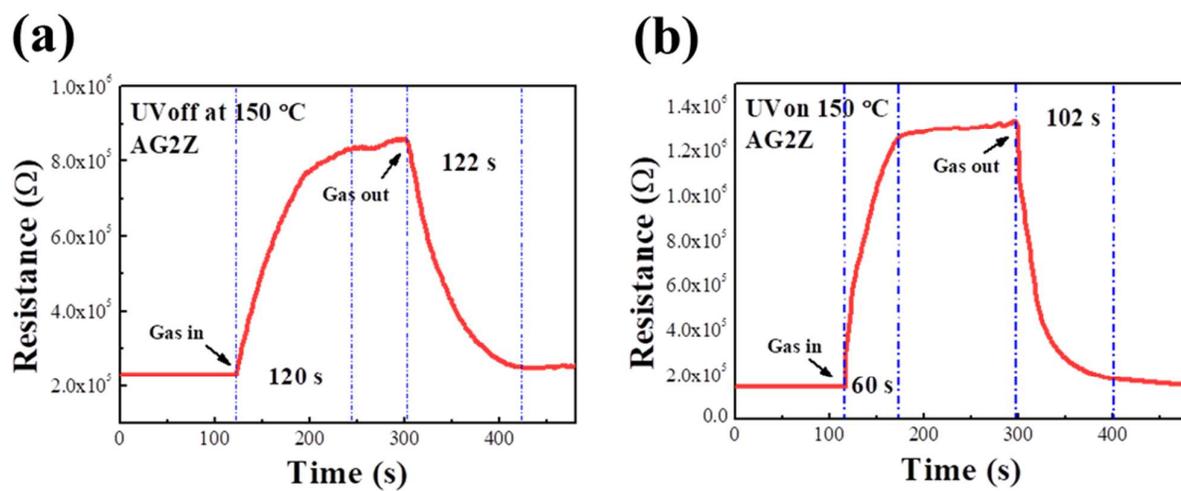


Figure S1. The effect of response time of Ag-doped ZnO nanoflowers with UV-LED (a) without UV-LED (b) with UV-LED.

The elemental composition of the Ag-doped ZnO nanoflowers, such as Zn, O, and Ag, was also examined using an energy dispersive X-ray spectrometer (EDX), as shown in Figure 5(g). The inset of Figure 5(g) presents the calculation of atomic percentage in the sample, where the concentrations of Zn, O, and Ag were 35.52%, 61.81%, and 2.67%, respectively.

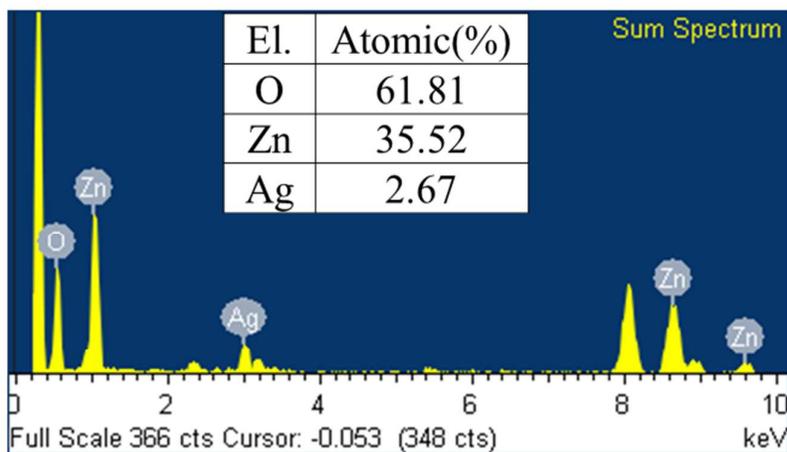


Figure S2. EDX spectra of Ag-doped ZnO nanoflowers.