

Supporting information for:

## Highly Efficient NO<sub>2</sub> Sensors Based on Al-ZnOHF under UV Assistance

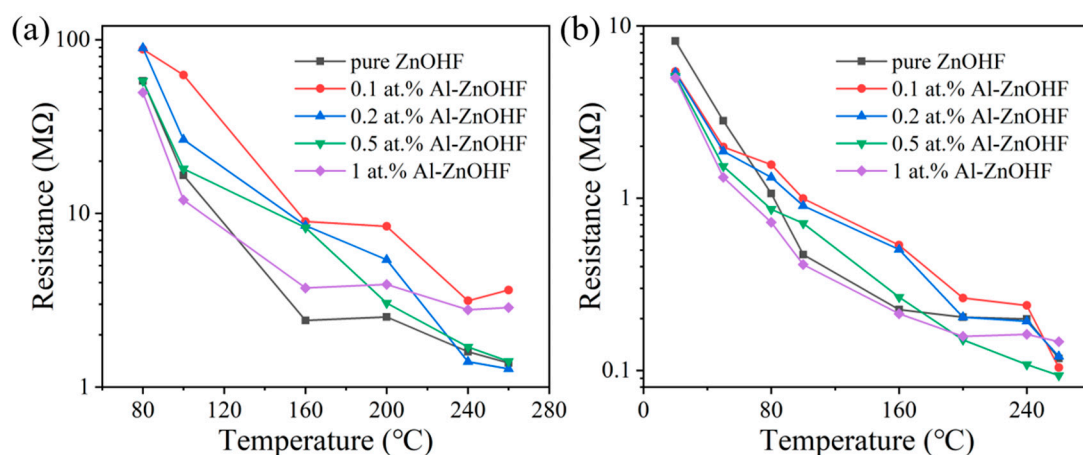
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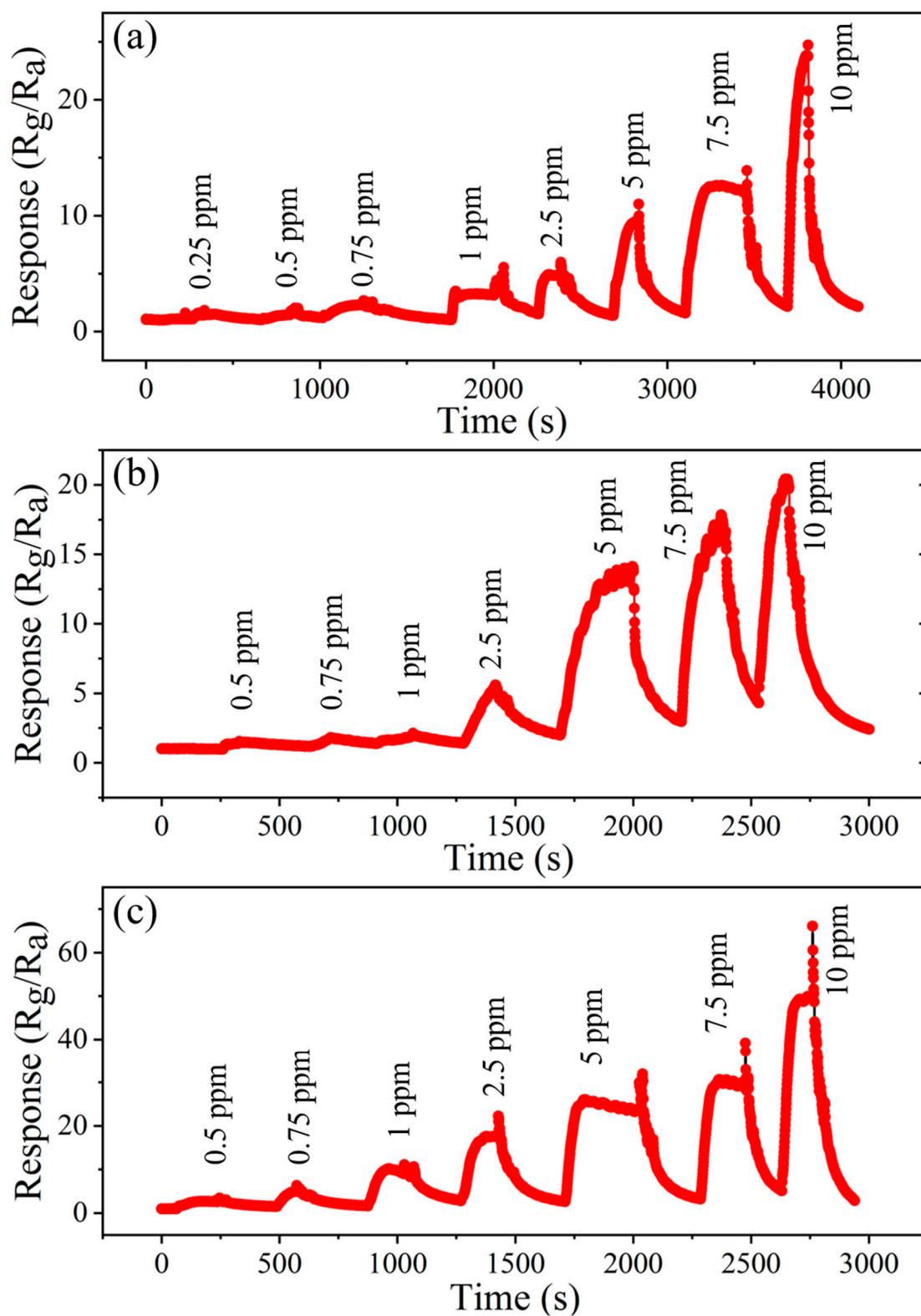
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**Figure S1.** the resistance of samples at different temperature (a) without, (b) with UV radiation



**Figure S2.** the dynamic response curve of (a) pure ZnOHF with UV assistance, 100 °C, (b) pure ZnOHF in dark, 160 °C and (c) 0.5 at.% Al-ZnOHF in dark, 160 °C