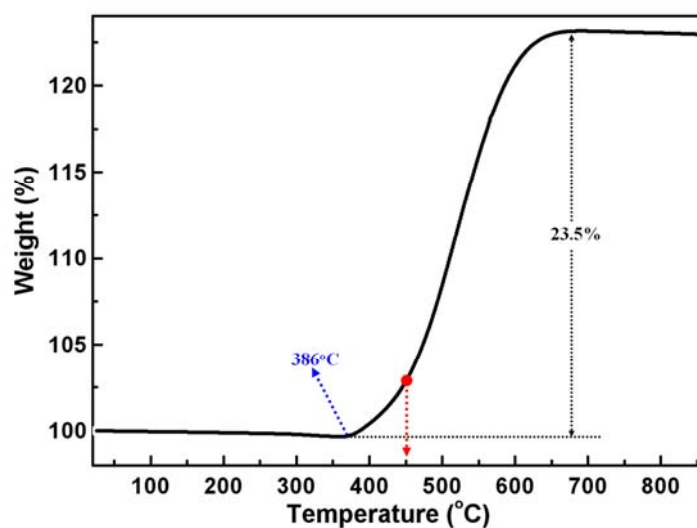


## Supporting Information

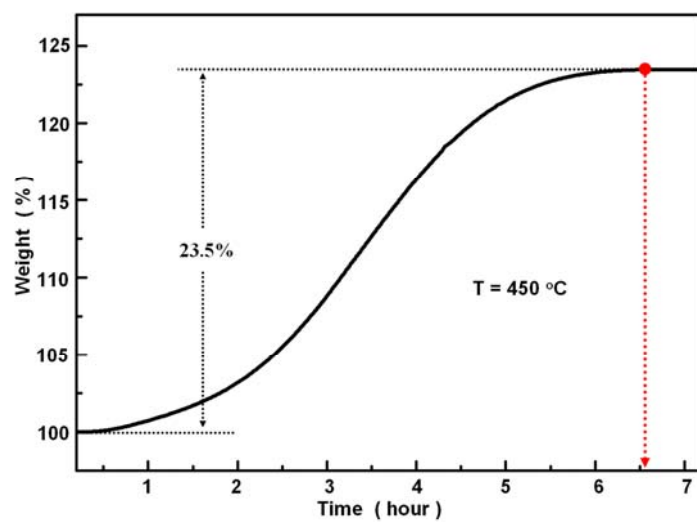
### Zinc-doped nickel oxide dendritic crystals with fast response and self-recovery for ammonia detection at room temperature

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**Fig. S1** Thermogravimetric (TG) curve of Zn-doped NiO dendritic crystals (increasing temperature from 30 °C to 900 °C in air).



**Fig. S2** Thermogravimetric (TG) curve of Zn-doped NiO dendritic crystals (fixed the temperature at 450 °C, increasing time from 0 to 8 h in air).