

**Table S1**

<b>S. No.</b>	<b>Material</b>	<b>Target Gas</b>	<b>Reference</b>
1.	$\text{Co}_3\text{O}_4$	Ethanol	24
2.	$\text{Co}_3\text{O}_4$	Acetone	25
3.	$\text{Co}_3\text{O}_4$	Formaldehyde	27
4.	$\text{Co}_3\text{O}_4$	$\text{NH}_3$	28
5.	$\text{Co}_3\text{O}_4$	CO	29
6.	$\text{ZnO}/\text{Co}_3\text{O}_4$	Ethanol	31
7.	$\text{TiO}_2/\text{Co}_3\text{O}_4$	CO	32
8.	$\text{Fe}_3\text{O}_4/\text{Co}_3\text{O}_4$	Acetone	33

Cobalt oxide and its composites for sensing of different gases