

Supporting Information

Fabrication of Pt clusters-loaded In_2O_3 inverse opal photonic crystal for fast and highly sensitive ethanol sensing

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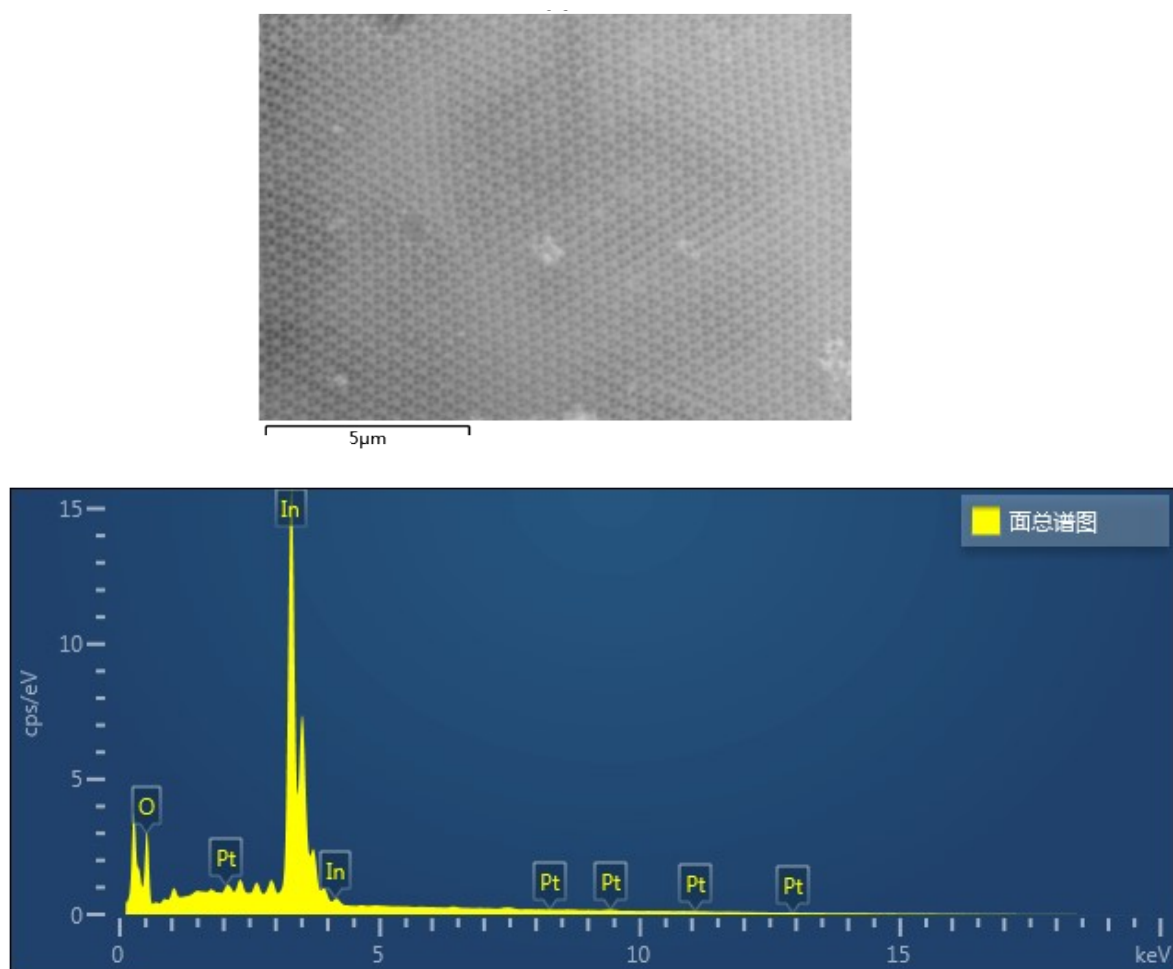


Fig. S1 EDS spectrum of Pt_{2.0}In

Table S1 Elemental content in EDS spectra of Pt_{2.0}In

Element	wt%
O	25.61
In	72.39
Pt	2.00

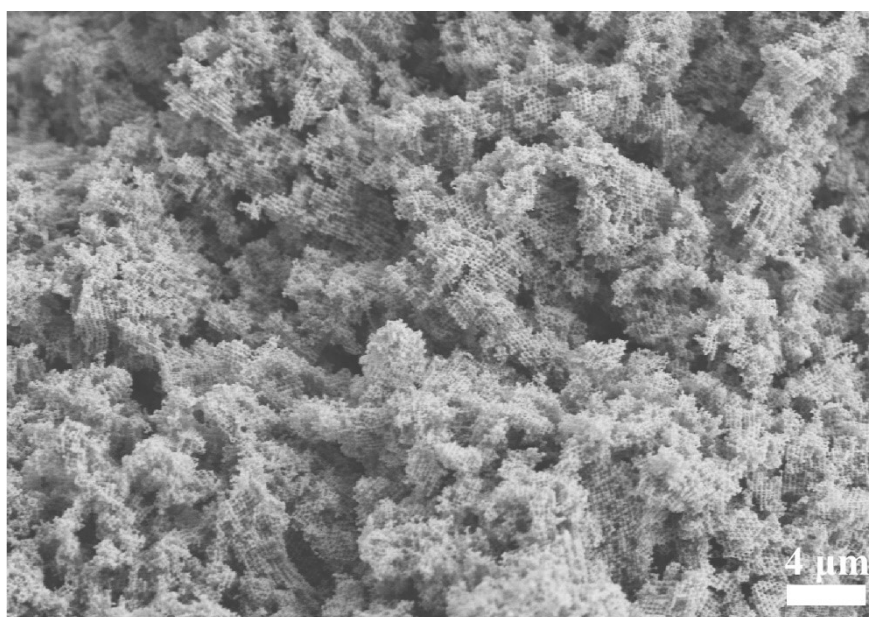


Fig. S2 The SEM image of the gas sensing layer formed on the ceramic tube

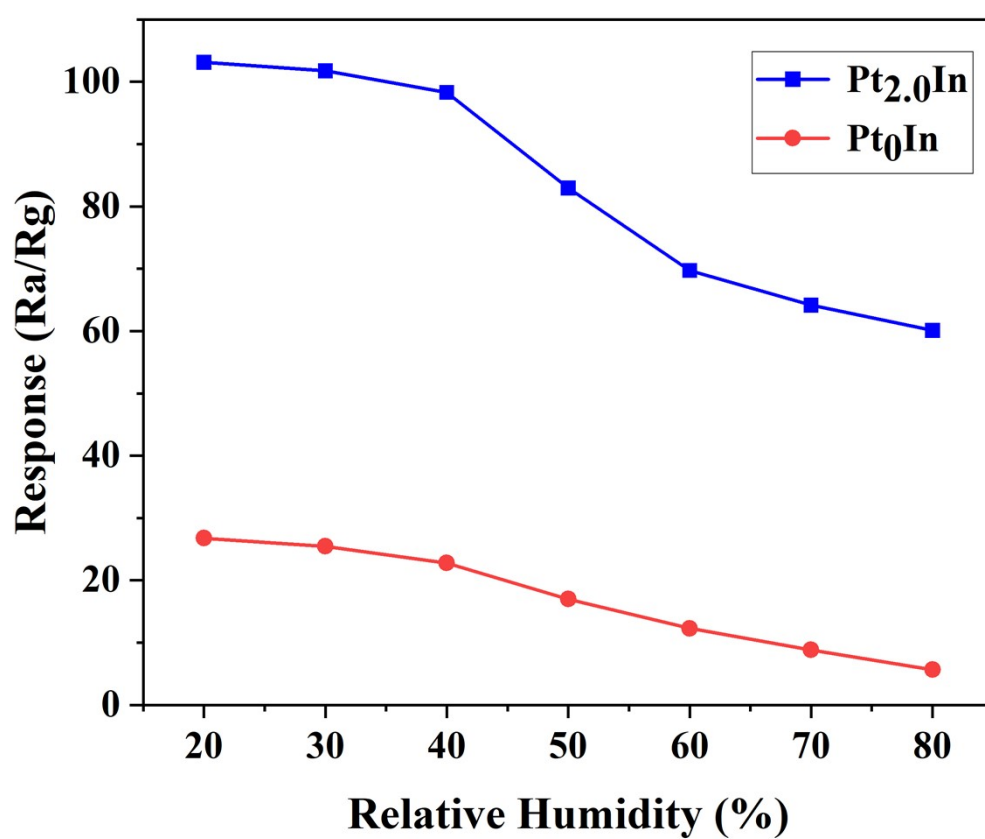


Fig. S3 The response of Pt_0In and $Pt_{2.0}In$ under different relative humidity