

Supporting information

Synthesis of high-purity CuO nanoleaves and analysis of their ethanol gas sensing property

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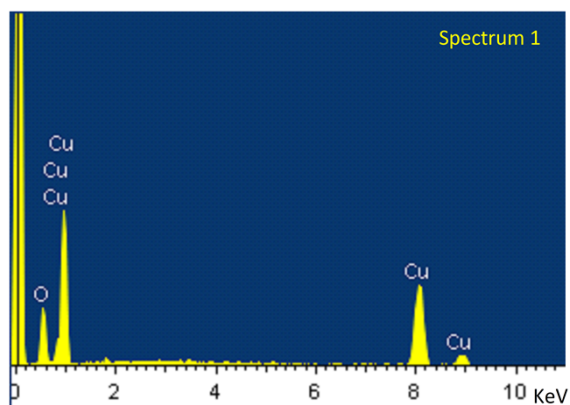


Figure S1 EDX spectrum of as-prepared high-purity CuO nanoleaves.

Table S1 The mass ratio and atomic ratio result of EDX characterization of as-prepared high purity CuO nanoleaves.

Element	Mass ratio	Atomic ratio
O K	23.63%	55.13%
Cu K	76.37%	44.87%

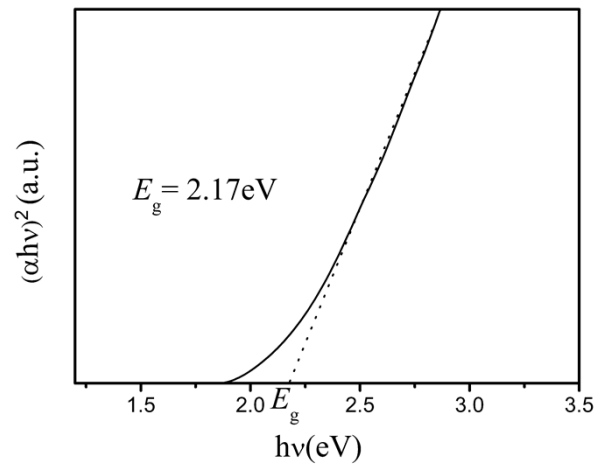


Figure S2 Plots of $(\alpha E_{\text{photo}})^2$ versus E_{photo} for high purity CuO nanoleaves and the value of its band gap.