Supporting Information

Exposed facets induced enhanced acetone selective sensing property of nanostructured tungsten oxide

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Fig. S1 SEM images of (a) NR-1, (b) NR-2, and (c) MS samples treated at 300 °C for 0.5 h.



Fig. S2 (a) XRD patterns and (b) TC_{hkl} of NR-1, NR-2, and MS samples treated at 300 °C for 0.5 h.



Fig. S3 Responses of NR-2 and MS samples toward different concentration of acetone.



Fig. S4 Selectivity of NR-1, NR-2, and MS samples towards 1 ppm of acetone against ethanol