Au-functionalized Hematite Hybrid Nanospindles: General Synthesis, Gas Sensing and Catalytic Properties

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Figure S1. Ethanol sensing response-recovery curves of Au-functionalized \( \alpha \)-Fe\(_2\)O\(_3\) nanospindles at a RH of 63%.

Figure S2. Comparison of sensor sensitivities to ethanol of Au-functionalized \( \alpha \)-Fe\(_2\)O\(_3\) nanospindles at different RH.

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Figure S3. CO sensing performance of Au-functionalized $\alpha$-Fe$_2$O$_3$ nanospindles (Inset shows the sensitivity).