

Electronic Supplementary Information for

**Low-temperature hydrothermal synthesis of WO₃ nanorods and their
sensing properties for NO₂**

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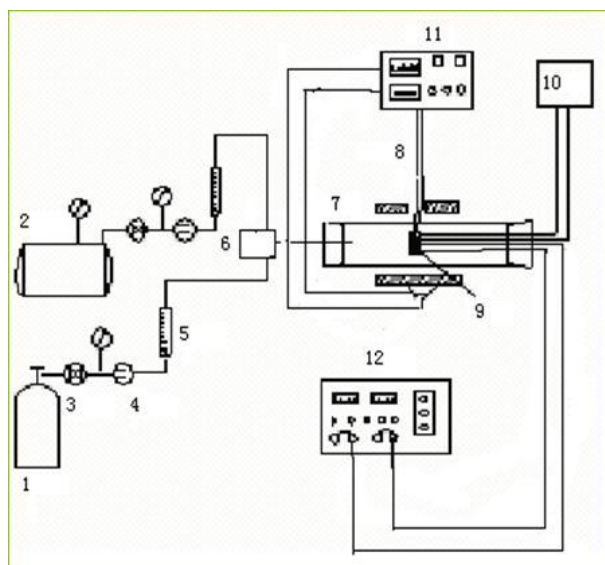


Figure S1. The schematic diagram of gas-sensing test apparatus.

1. gas cylinder, 2. air compressor, 3. regulators valve, 4. steady flow valve, 5. flow meter, 6. mixer,
7. quartz tube, 8. tube furnace, 9. sensor element, 10. data acquisition system, 11. temperature programmed controller, 12. transistor constant potential instrument.

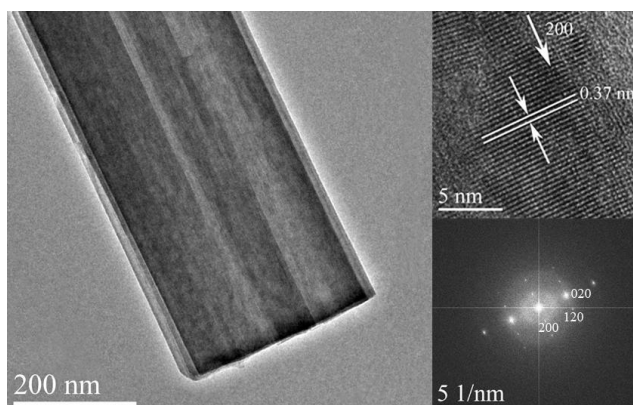


Figure S2. TEM image, HR-TEM image and the corresponding selected-area electron diffraction (SAED) pattern of as-synthesized nanorod.

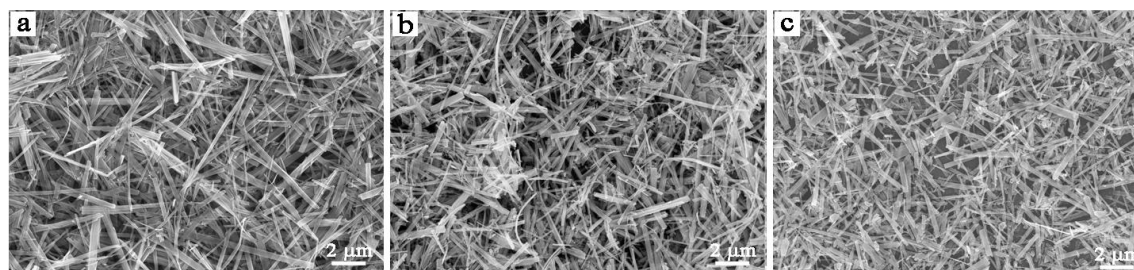


Figure S3. FESEM images of WO_3 nanorods after calcination at (a) 200°C, (b) 600°C, and (c) 800°C.