Supporting Information

Controlled growth of conical nickel oxide nanocrystals and their high performance gas sensing devices for ammonia molecules detection

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Figure S1. XRD pattern of the unoxidized nanocones confirming formation of cubic structure Ni.
Figure S2. SAED pattern of NiO nanocone confirming the single-crystal nature of nanocone.

Figure S3. Nitrogen adsorption-desorption isotherms of both the pure NiO foil (A) and the NiO foil covering with NiO nanocones (B).