## **Supplementary Information**

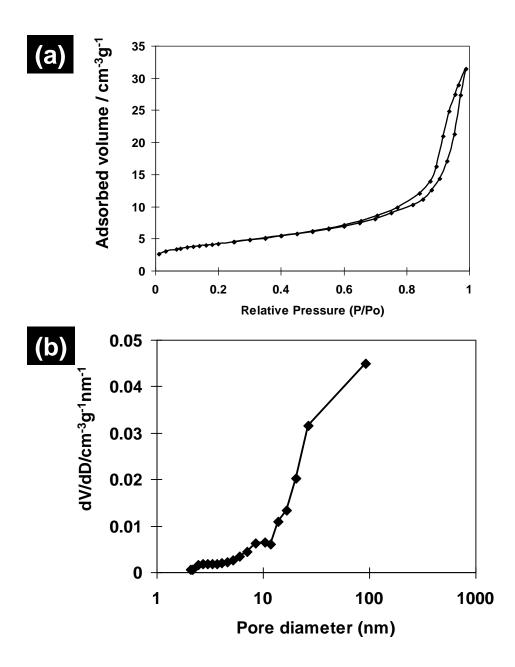
## Hierarchical ZnO Nanostructures: Controlling the Synthesis and Photocatalytic Decomposition of Nitrogen Monoxide†

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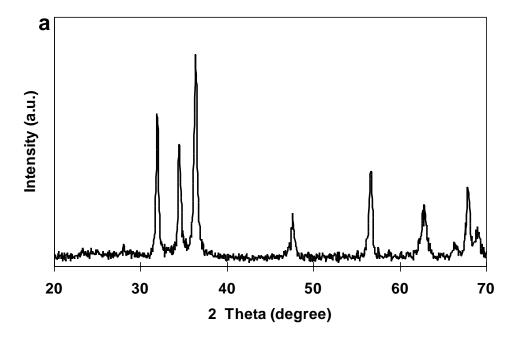
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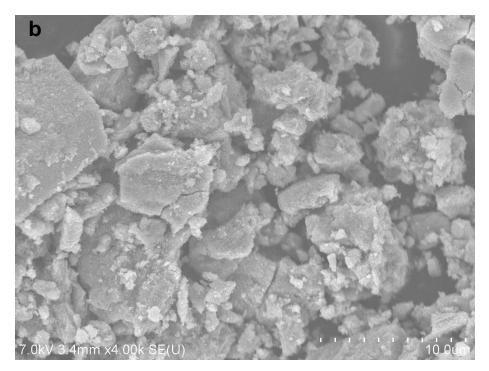
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**Fig. S1** (a) Adsorption and desorption curves, and (b) pore size distribution of ZnO twin-prisms prepared with 1:1molar ratio of Zn/lys.





**Fig. S2** (a) XRD pattern and (b) SEM image of ZONS obtained by hydrothermal treatment of  $Zn(NO_3)_2$  added with NaOH.