Electronic Supplementary Information

Nanoparticle-Based Hierarchical Zinc Oxide Chains for Enhanced Efficiency of Dye-Sensitized Solar Cells

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Fig. S1. SEM images of: (a) the precursor Zn$_5$(OH)$_6$(CO$_3$)$_2$. (b) as-synthesized sample calcined under 450ºC. (c, d) the ZnO nanoparticles. (e) top view and (f)
Fig. S2. XRD patterns of (a) the precursor Zn$_5$(OH)$_6$(CO$_3$)$_2$ and (b) four samples.
Fig. S3. TG curves of the precursor Zn$_5$(OH)$_6$(CO$_3$)$_2$. 