## **Supplementary Information for**

## Facile Synthesis of Flower-like 3D ZnO Superstructures via Solution Route

Yongjiang Sun, Li Wang, Xuegang Yu, Kezheng Chen\*

Lab of Functional and Biomedical Nanomaterials, College of Materials Science and Engineering,

Qingdao University of Science and Technology, Qingdao 266042, P. R. China.

\*To whom correspondence should be addressed. Tel: +86-532-84022509. Fax: +86-532-84022509.

E-Mail: kchen@qust.edu.cn



Fig. SI1: XRD patterns of products synthesized at different molar ratios of Zn<sup>2+</sup>/OH<sup>-</sup>: (A) 1:2.5,
(B) 1:10.



Fig. SI2: FESEM image of the products synthesized at 0.3 M of trisodium citrate.



Fig. SI3: Normalization concentration of MeOr in the solution (120 ml) containing the flower-like ZnO superstructures (30 mg) as catalyst versus the exposure time to UV light. The starting concentration ( $C_0$ ) of MeOr is  $5.0 \times 10^{-5}$  M.