Fig. SI1: XRD patterns of products synthesized at different molar ratios of Zn\(^{2+}/\text{OH}^-\): (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.