

## Accepted Manuscript

Title: Facile control of ZnO nanostructures by varying molar concentration of zinc acetate

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## Highlights

- Nano-ZnO morphology is changed by varying molar concentration of precursor salt
- Using a short chain length polyol different morphologies of nano-ZnO are obtained
- Nanobullets and/or nanorods growth at low molar concentration of precursor salt
- Bullets and nanorods show preferential growth along c axis of hexagonal structure
- Nano-spheres appear at high molar concentration of  $\text{Zn}(\text{Ac})_2$  no preferential growth

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