

Supporting Information

Effect of lithium and sodium ions on size and morphology of ZnO nanoparticles synthesized by glycerol-urea route

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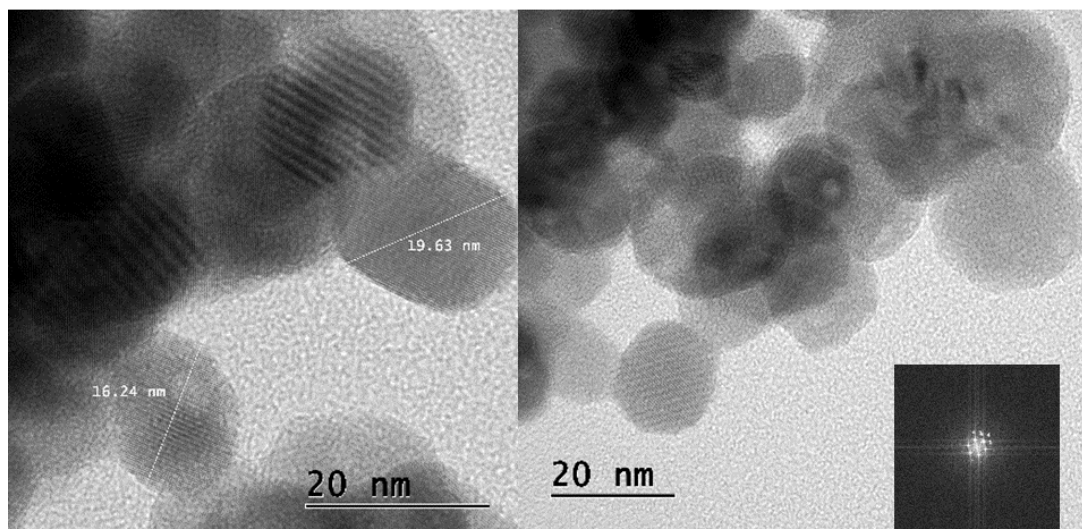
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ZnO NPs obtained at 10 °C



ZnO NPs obtained at 40 °C

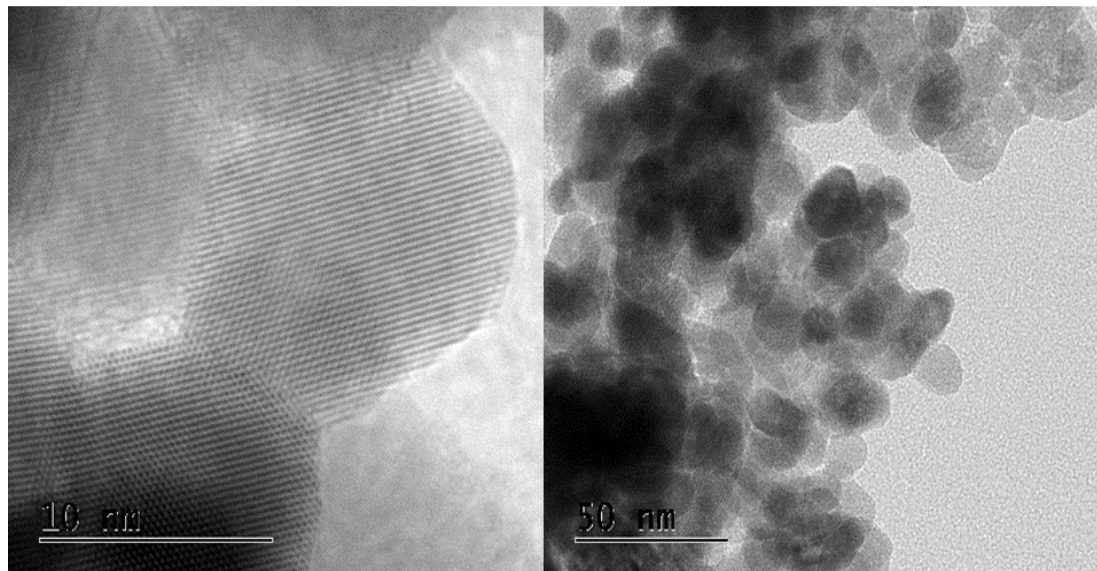


Figure SI-1. Preparation of the ZnO at 40 °C and 10 °C.

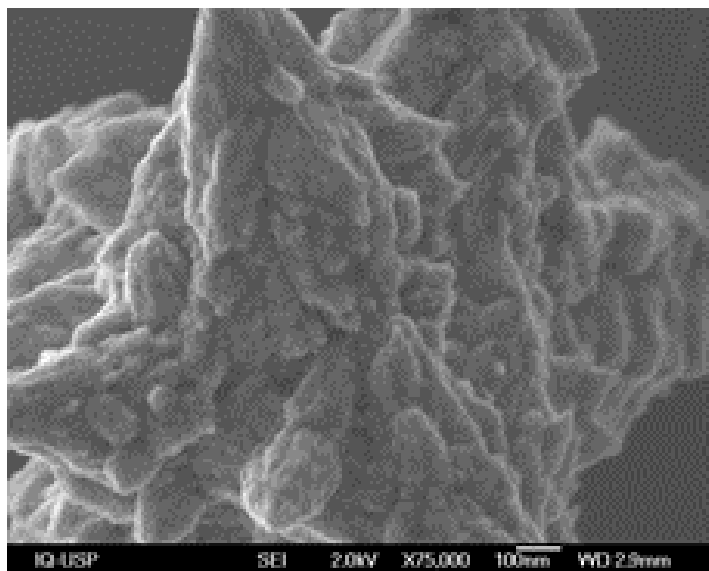


Figure SI-2. ZnO nanoparticles obtained in a higher concentration of NaOH: the ratio of Zn^{2+}/OH precursor is greater than 1:4 mol.

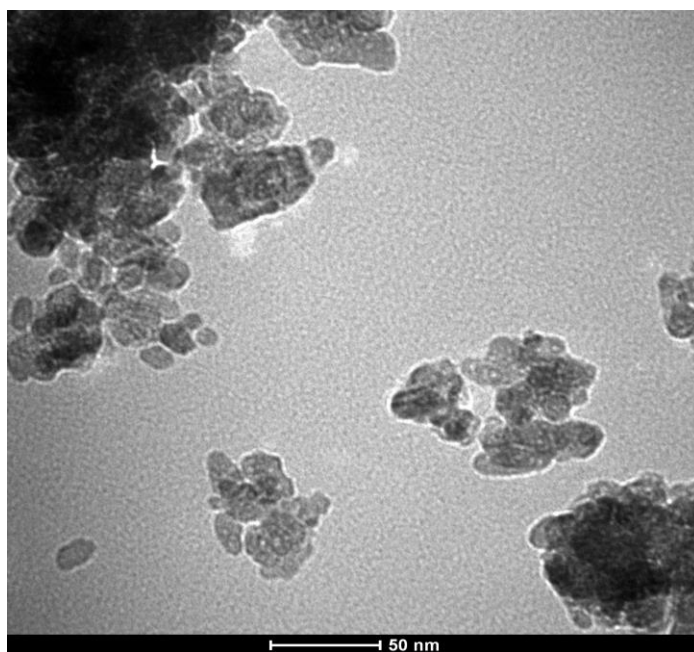


Figure SI-3. ZnO nanoparticles obtained when the ratio of glycerol/urea is 10:1; ZnO particles start to get irregular and to grow in larger sizes.

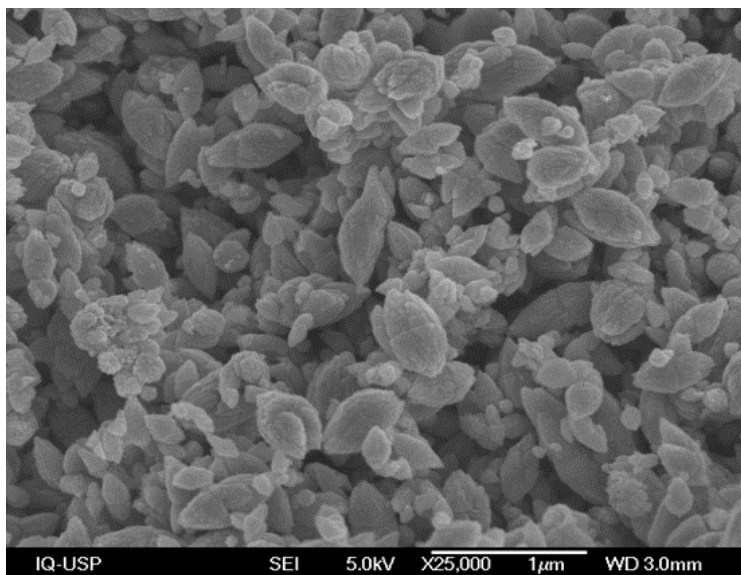


Figure SI-4. ZnO nanoparticles obtained only in glycerol-water at the temperature of 70 °C. It can see the spindle shape of the particles in the micrometric domain.