

Supplementary Information

Optical and Photodetection Properties of ZnO Nanoparticles Recovered from Zn Dross

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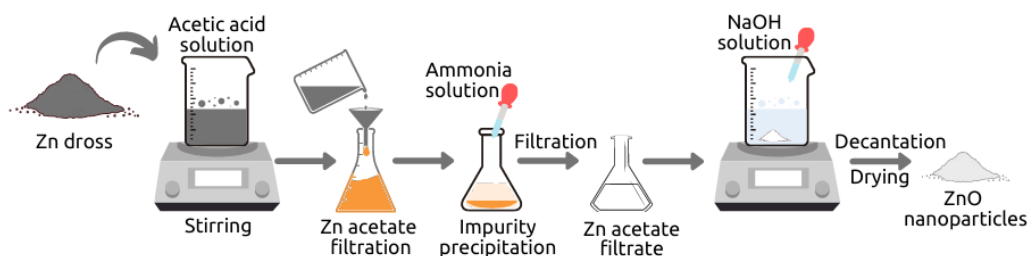


Figure S1. Schematic illustration of synthesis process of ZnO nanoparticles from Zn dross.

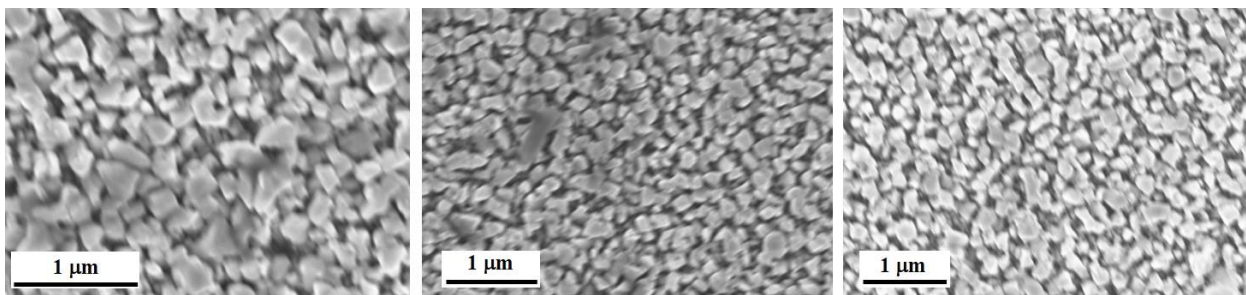


Figure S2. SEM images of ZnO nanoparticle film.

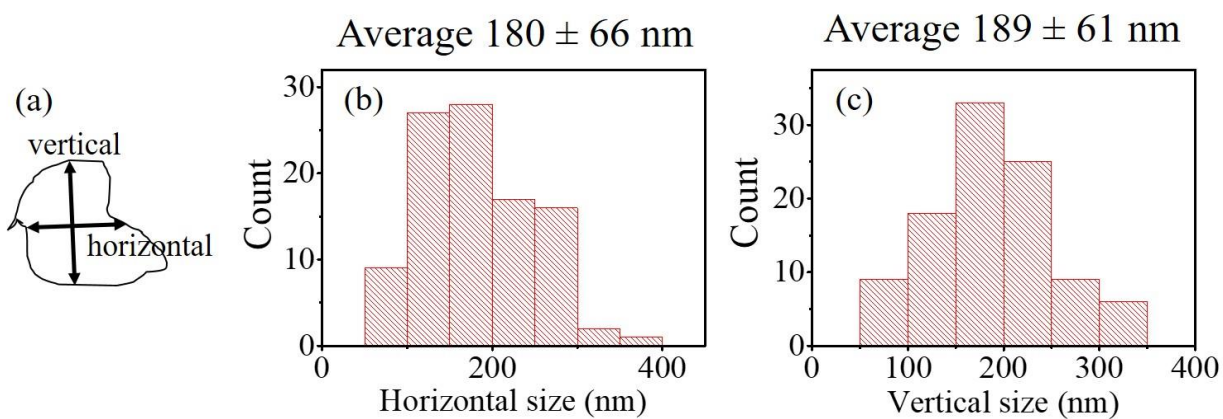


Figure S3. (a) Illustration of grain size with vertical and horizontal measurements. Zn dross-originated ZnO grain size distribution histograms of (b) horizontal and (c) vertical diameters determined from the SEM image.

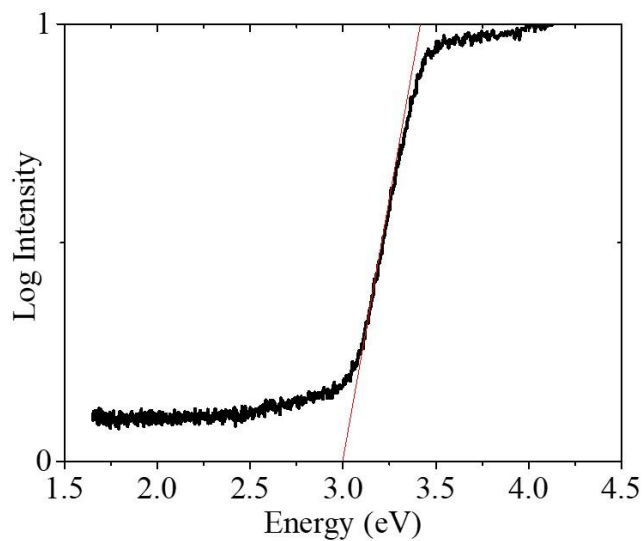


Figure S4. Tauc plot for Zn dross-originated ZnO nanoparticles as a function of photon energy, revealing the band gap energy of 3 eV (413 nm).