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Supporting Information

Optical and Structural Characterization of the blue-emitting Mg^{2+}- and Zn^{2+}-doped GaN Nanoparticles

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Size of the Nanoparticles

Hereafter are reported the TEM images for all the samples discussed in the paper. The size of the particles ranges from 2 to 5 nm in all cases and the shape is roughly spherical.

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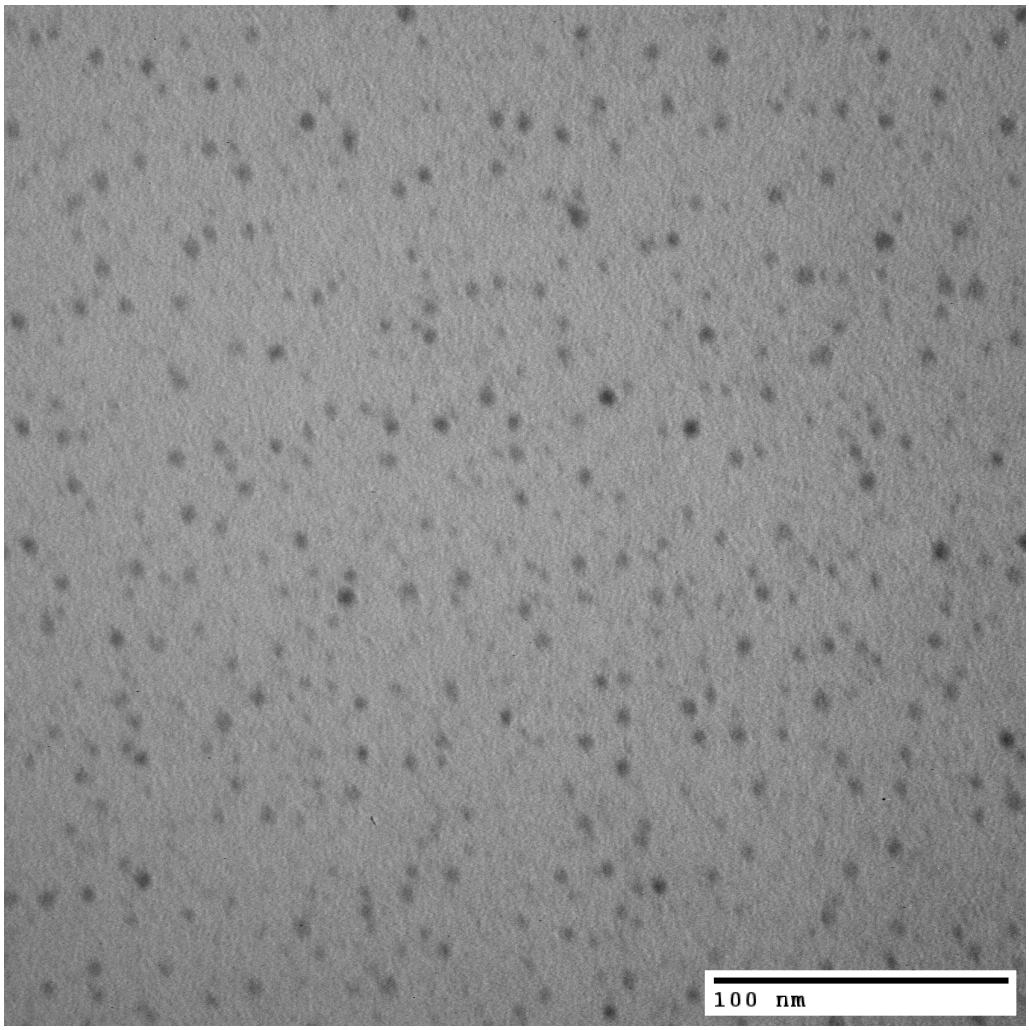

Figure S1: TEM image of 11.9% Mg:GaN

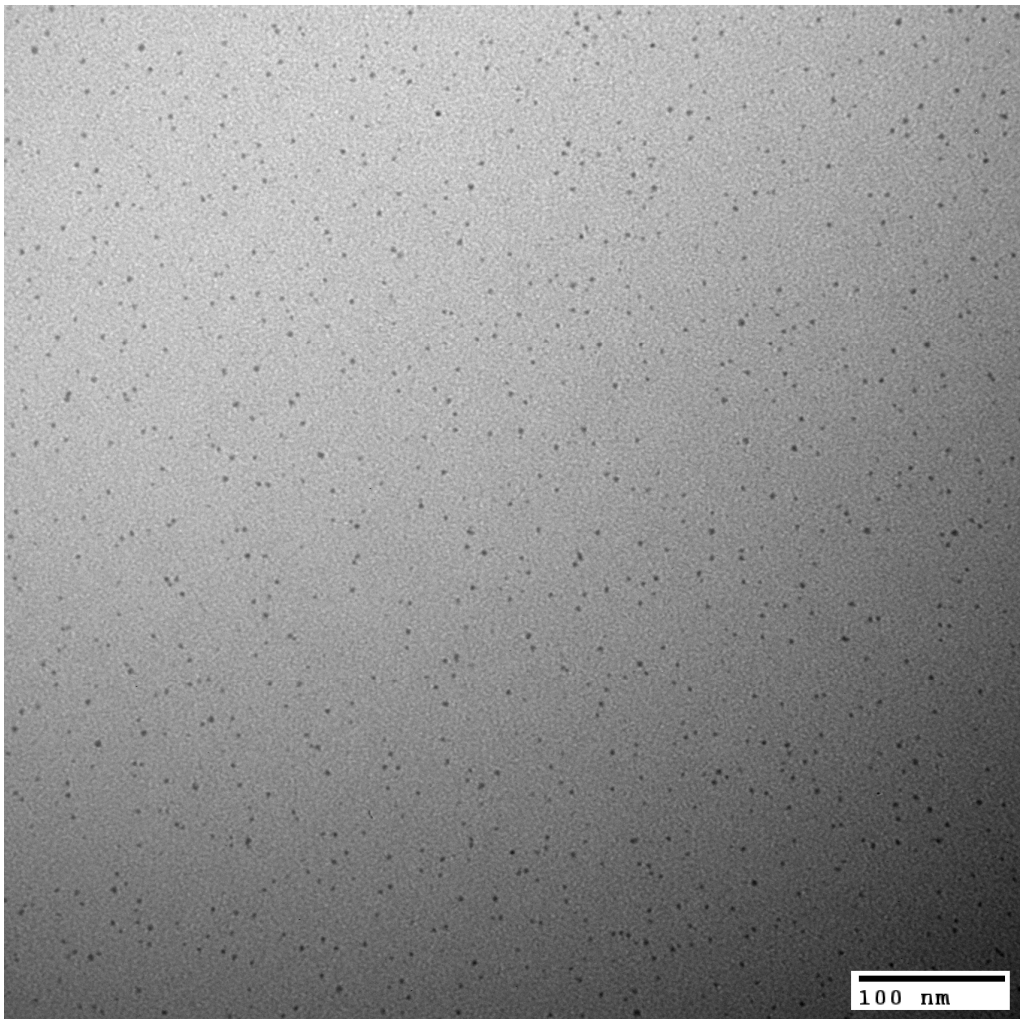

Figure S2: TEM image of 15.4% Mg:GaN

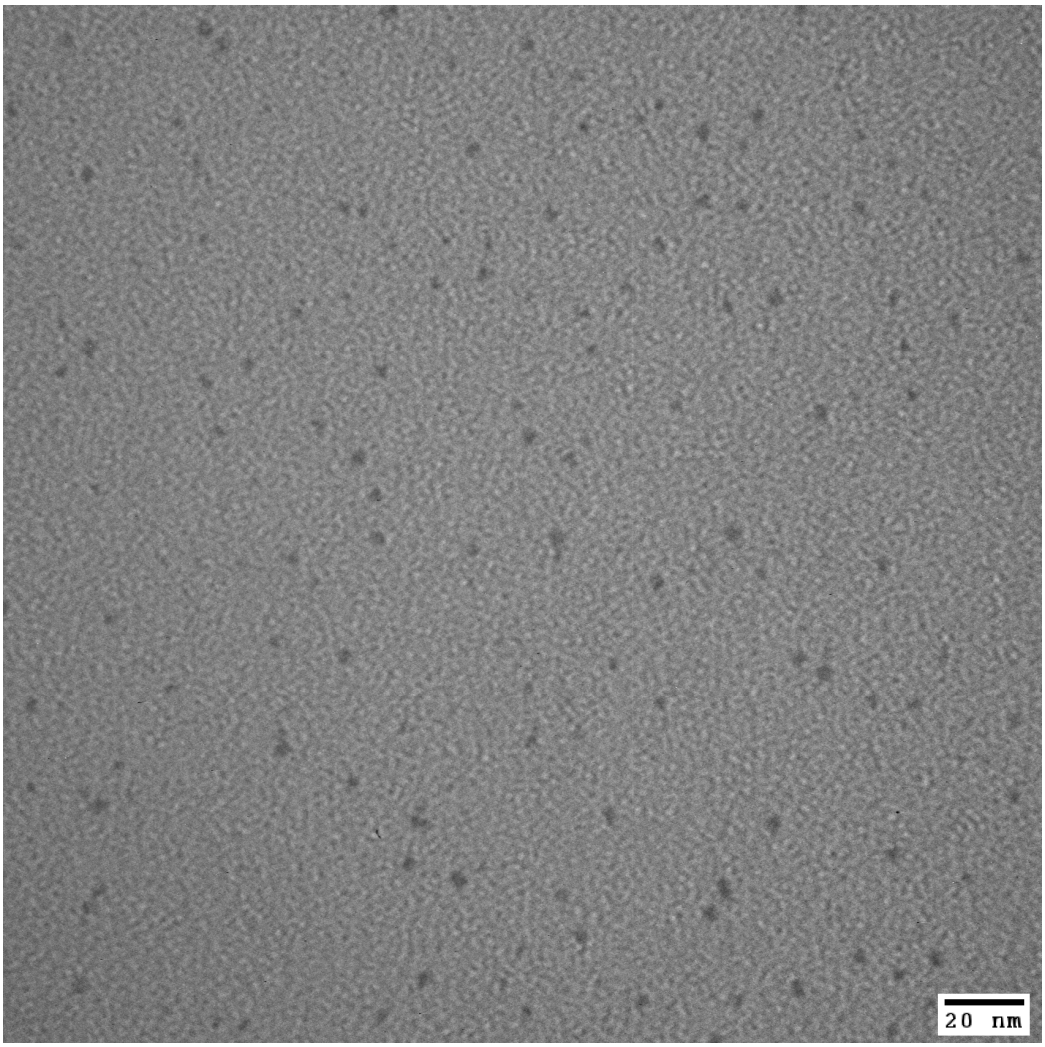

Figure S3: TEM image of 15.4% Mg:GaN

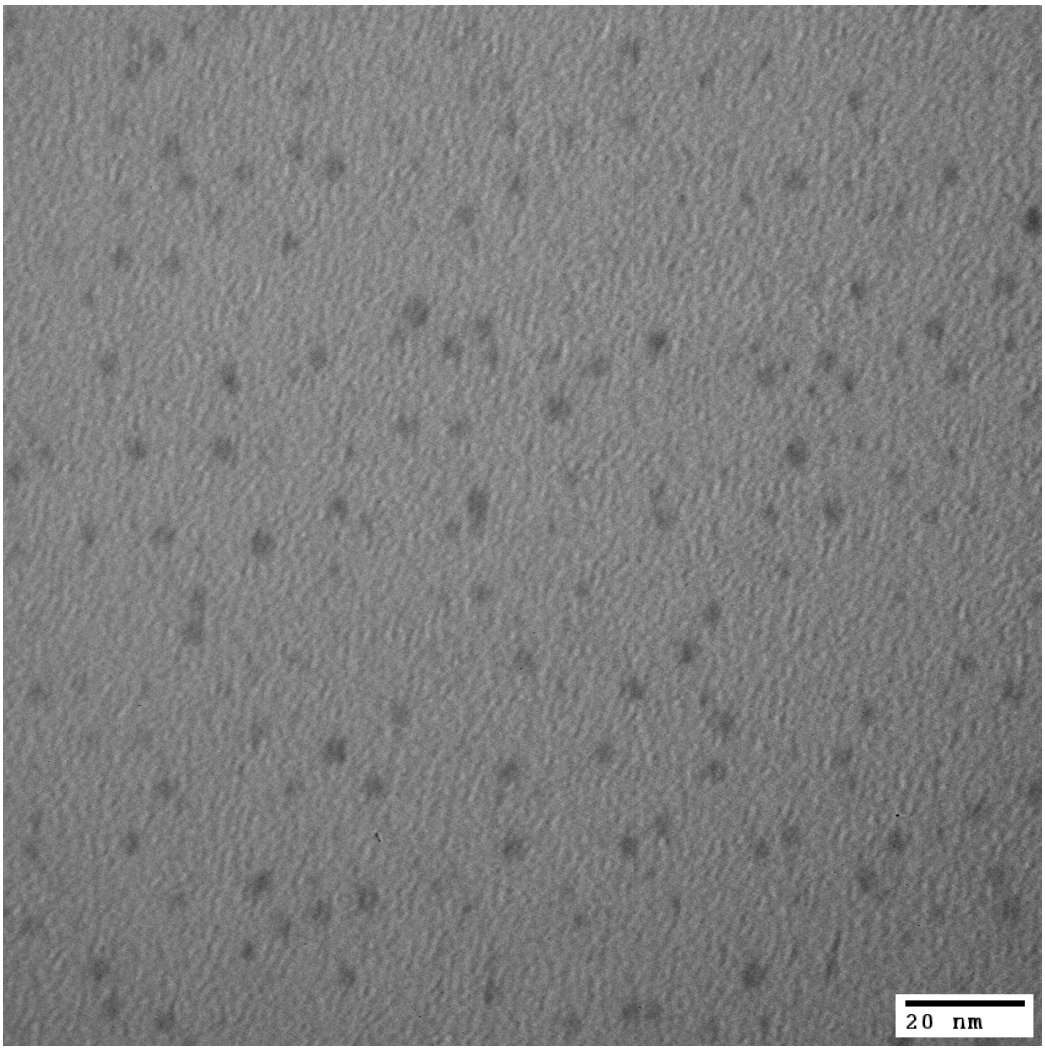

Figure S4: TEM image of 24.7% Mg:GaN

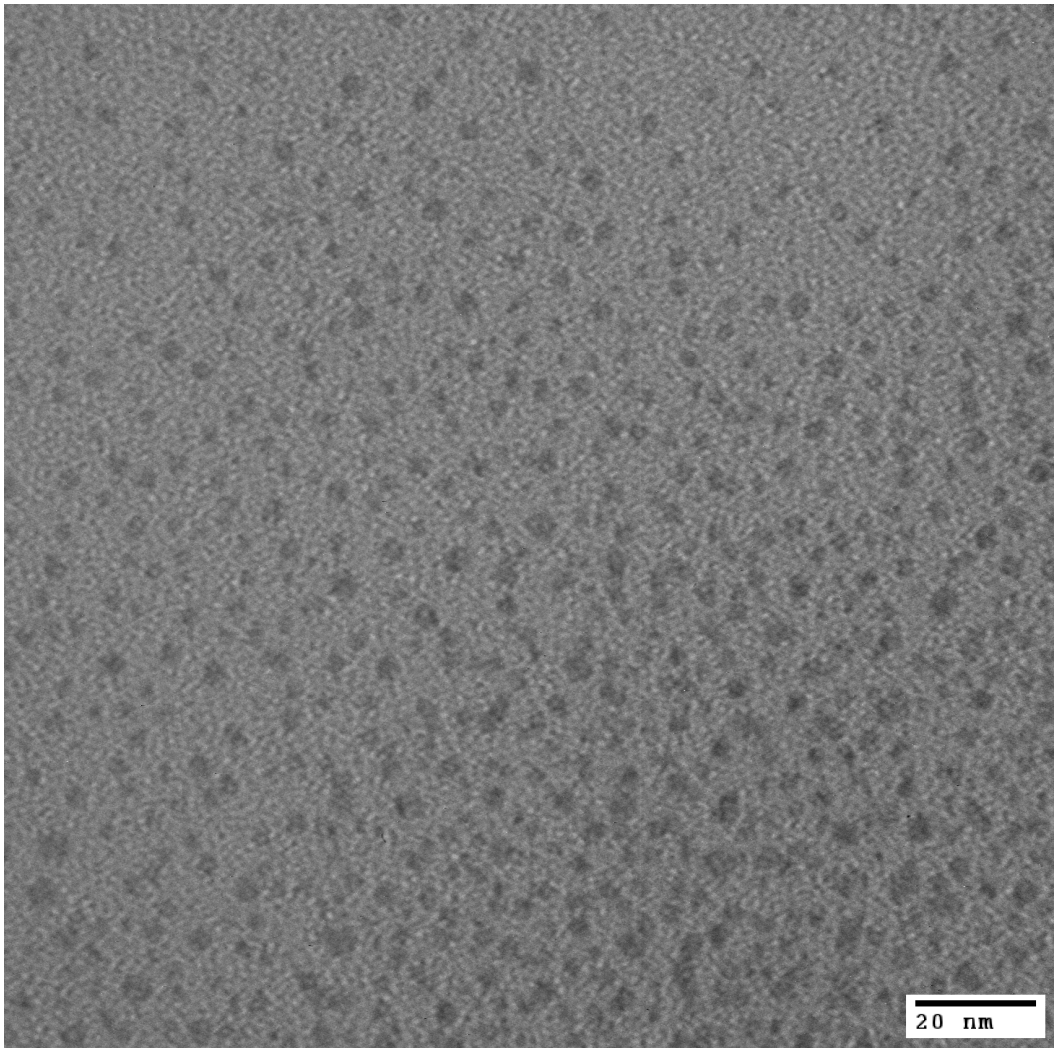

Figure S5: TEM image of 2.9% Zn:GaN

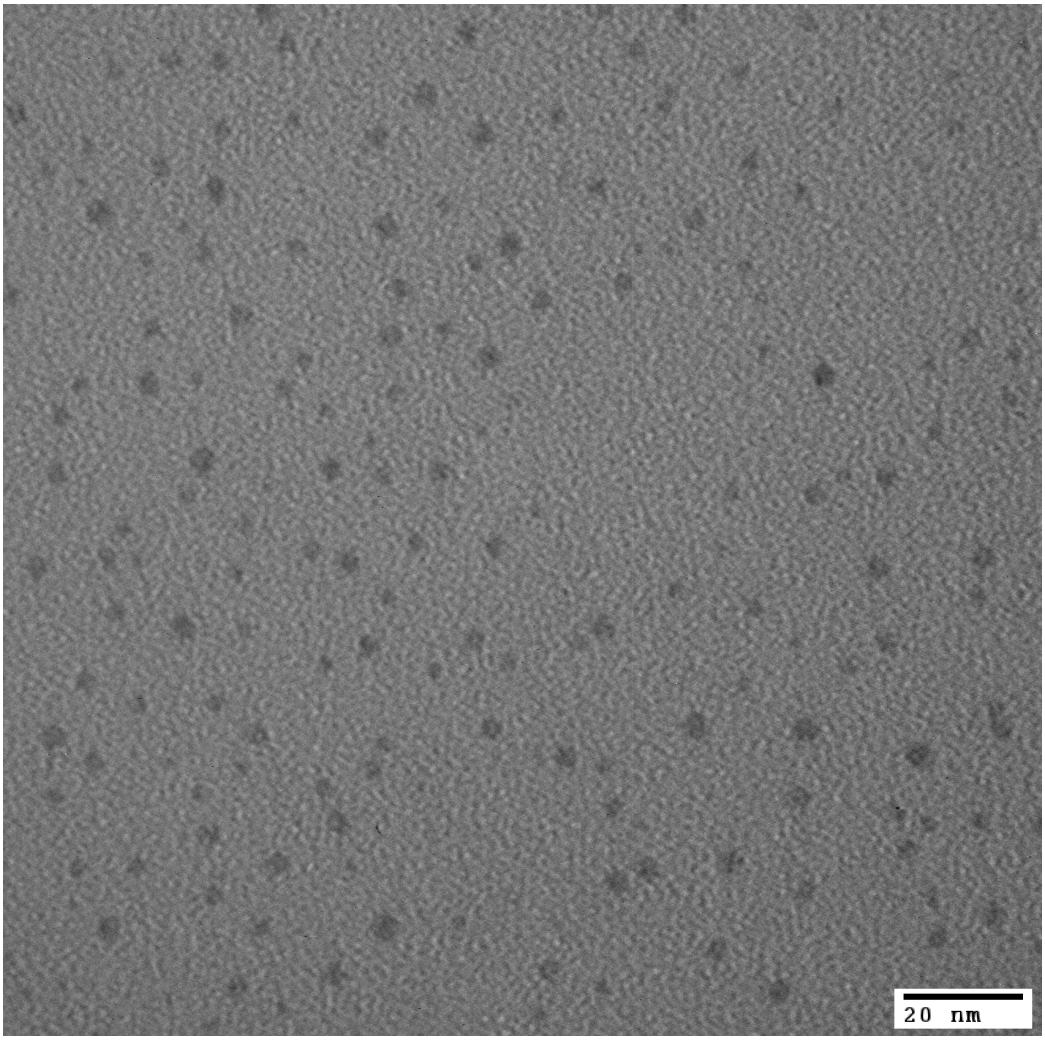

Figure S6: TEM image of 2.6% Zn:GaN

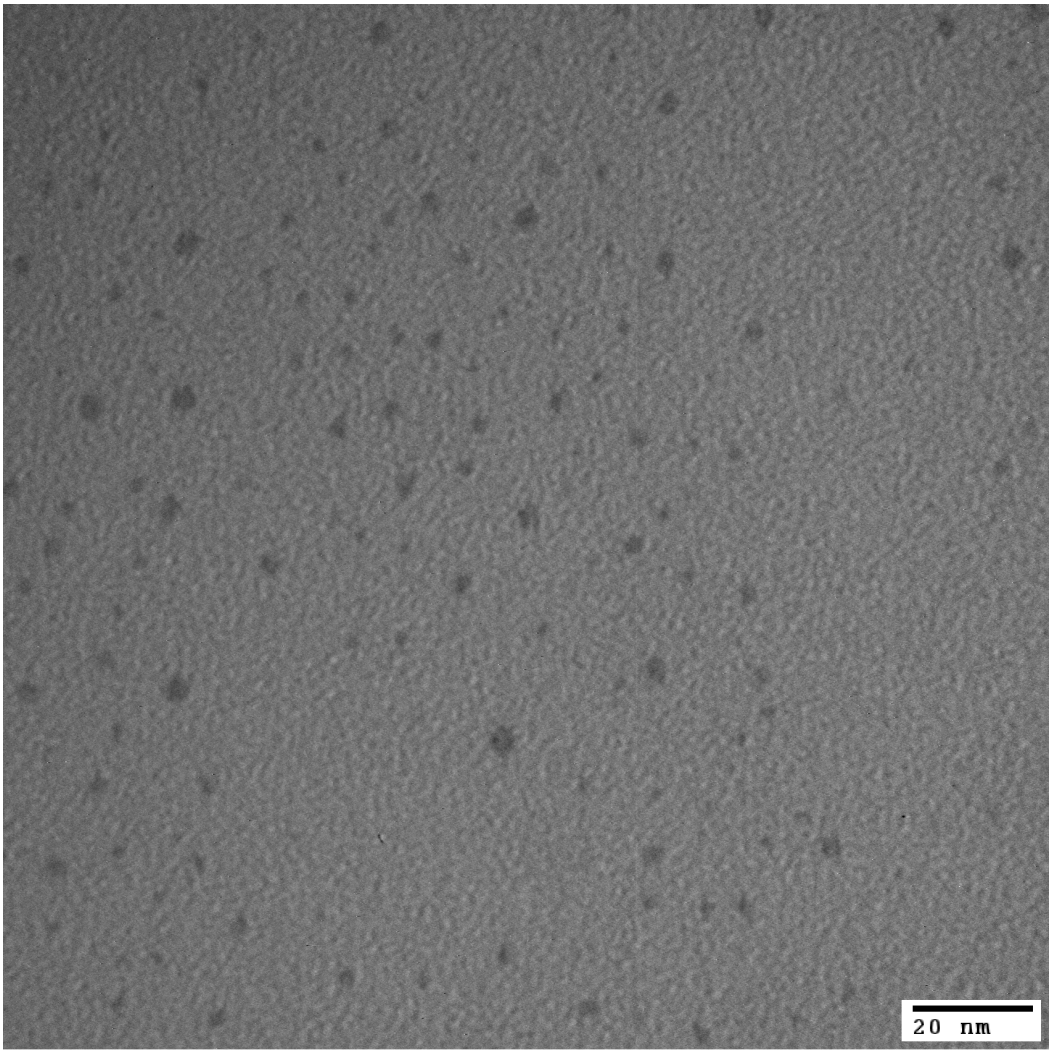

Figure S7: TEM image of 2.9% Zn:GaN