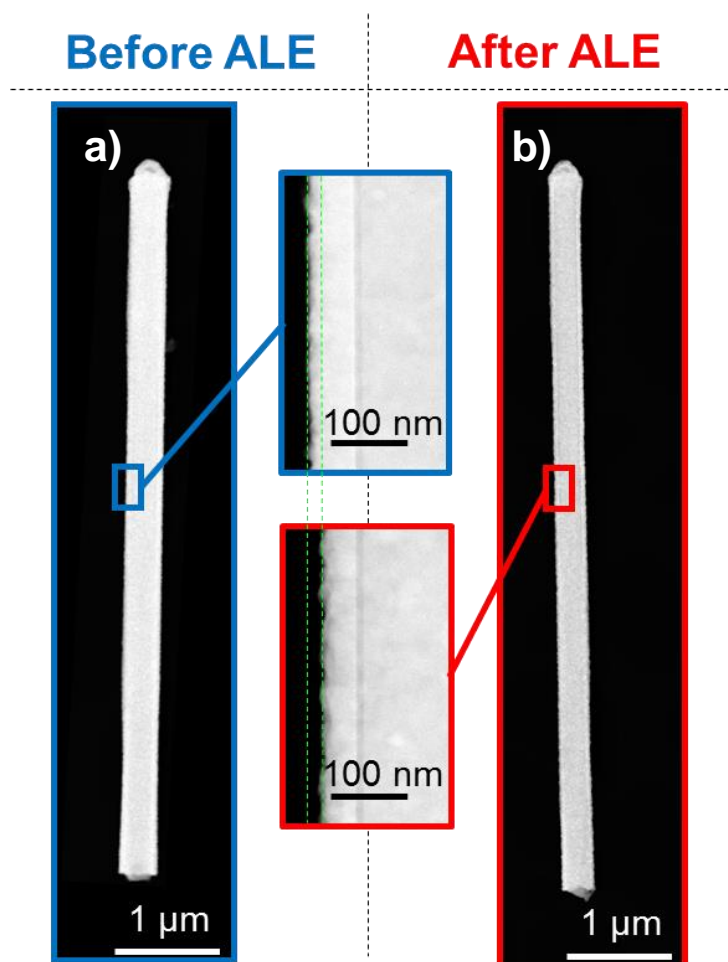


**Figure 1:** ZnO thickness as a function of the number of ALE cycles for temperatures between 100 and 250 °C, as measured by *in-situ* spectroscopic ellipsometry.



**Figure 2:** Low-magnification HAADF-STEM images of a ZnO-coated nanowire together with zoomed-in images of the same, (a) before ALE and (b) after ALE. A decrease in ZnO film thickness (highlighted by dashed lines) was observed after performing 120 ALE cycles and this thickness reduction was observed to be comparable along the full length of the nanowires, thereby demonstrating the isotropic nature of the process.