

SUPPLEMENTARY INFORMATION

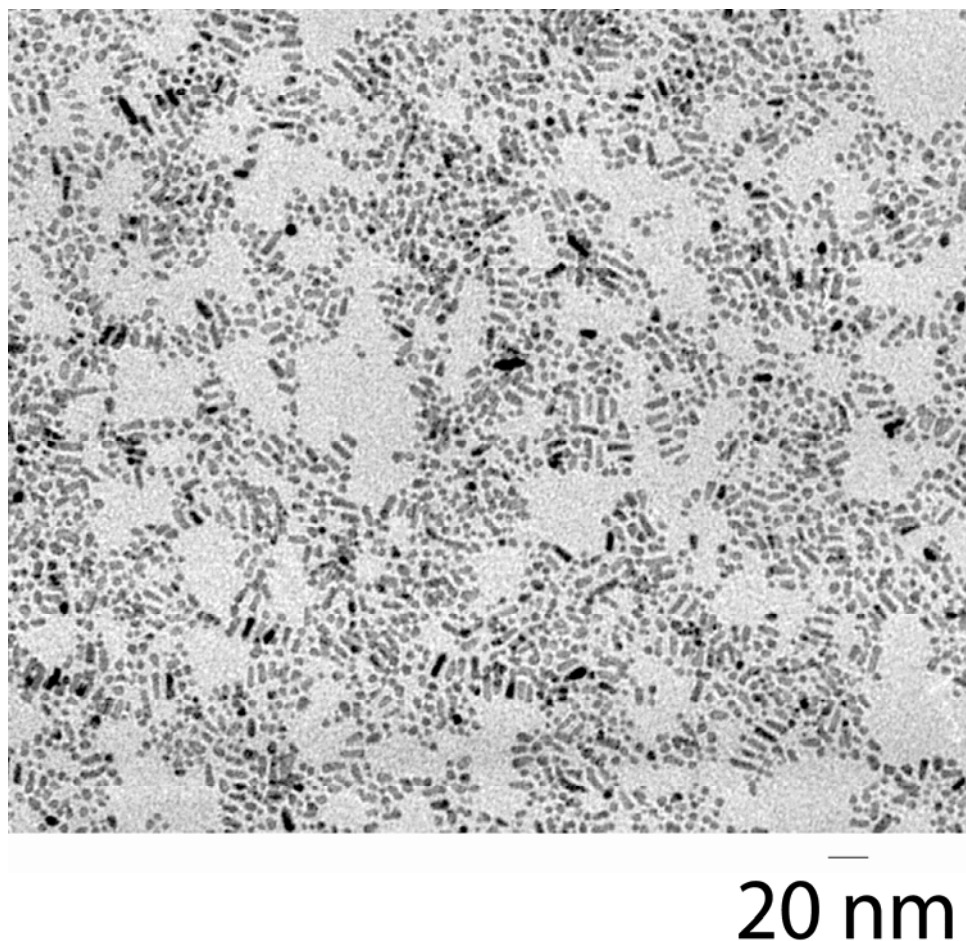


Figure S 1: TEM pictures of ZnO nanorods obtained in absence of Li or Na ion.

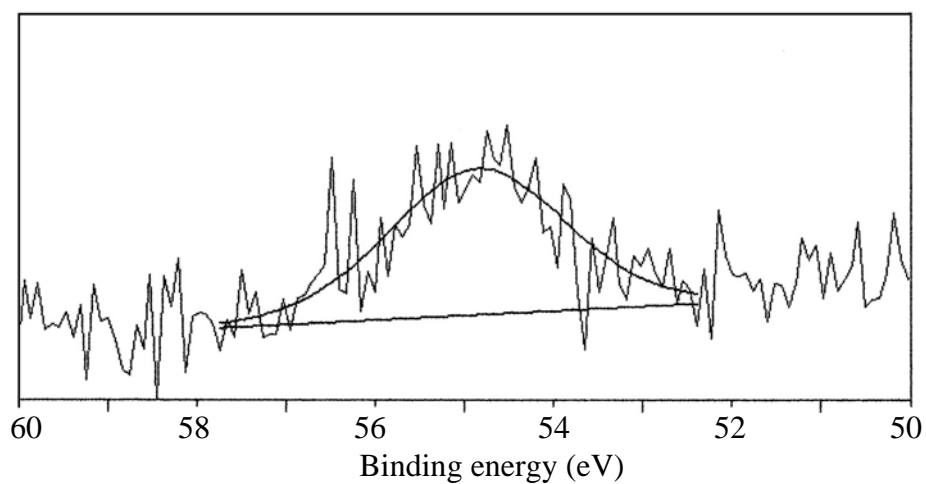


Figure S 2: XPS measurement on ZnO nanoparticles prepared in presence of 10% of $[\text{Li}(\text{NMe}_2)_2]$ showing the presence of Li ions after the washing of the sample with deionized water.