

Supplementary Information

Morphology Effects in Photoactive ZnO Nanostructures:

Photooxidative Activity of Polar Surfaces

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Figure S1.- HR-TEM images and FFT diffraction patterns (from locations marked with a red colour box) for samples A, B, and C.

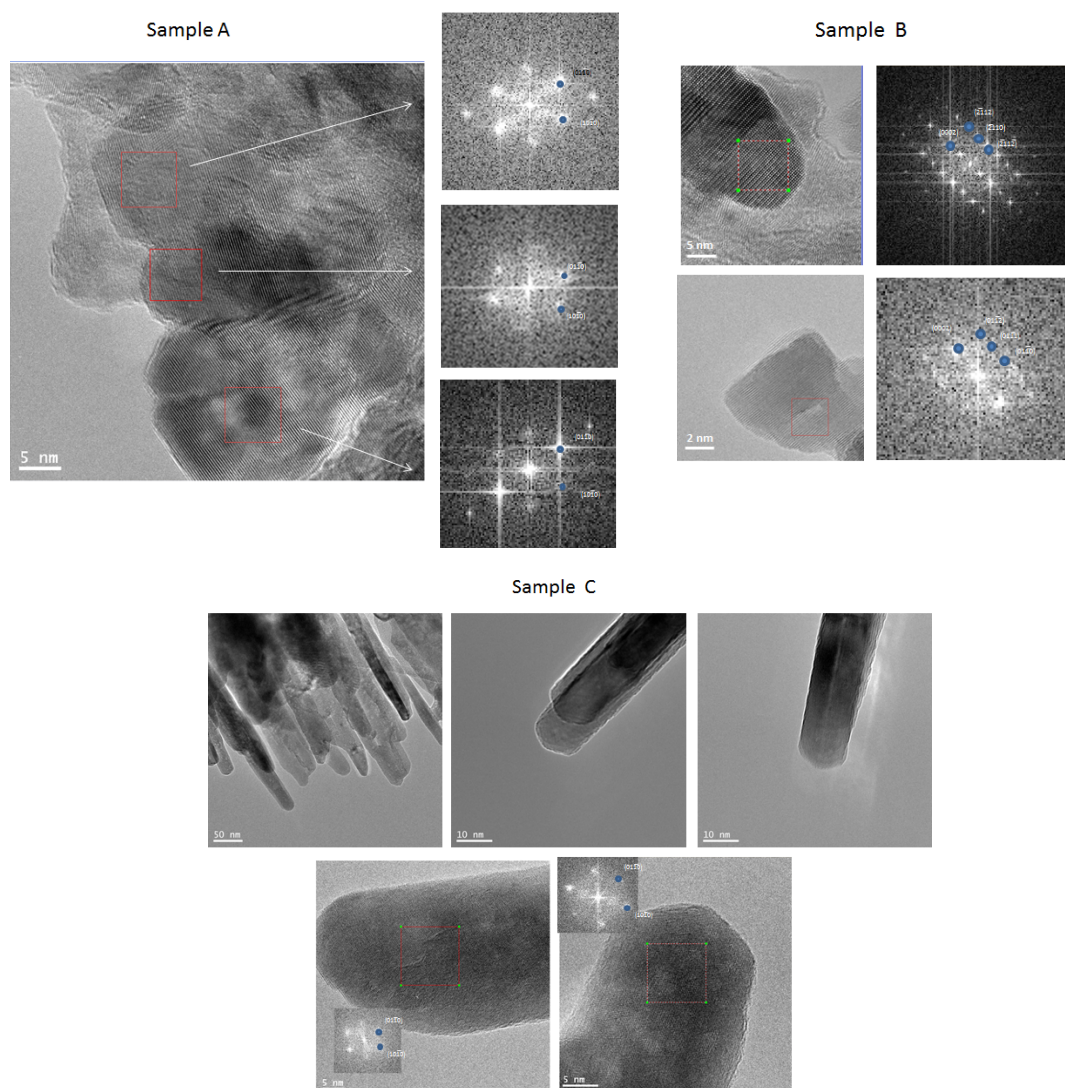


Figure S2.- Density of states of VB and CB of the pristine nonpolar ($10\bar{1}0$) and ($11\bar{2}0$) facets (green and blue), and of the polar (0001) and ($000\bar{1}$) planes (violet and red) with $\frac{1}{4}$ concentration of Zn and O vacancies, respectively.

