

Online Support Information

Spontaneous Phase Transformation and Exfoliation of Rectangular Single-Crystal Zinc Hydroxy Dodecylsulfate Nanomembranes

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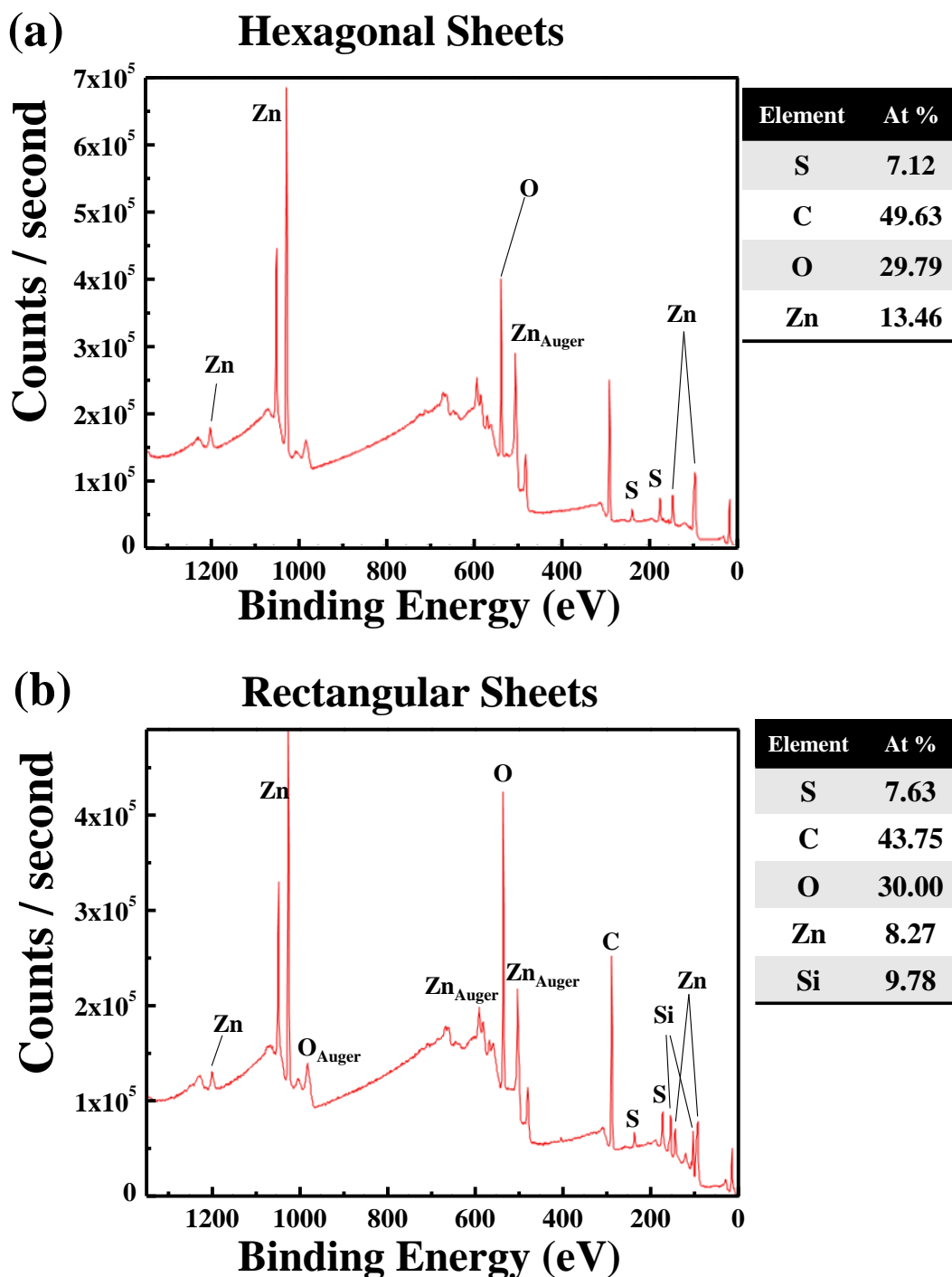


Figure S1. X-ray photoelectron spectra of (a) hexagonal ZHDS sheets and (b) rectangular ZHDS sheets on silicon substrates with quantitative elemental composition listed on the right.

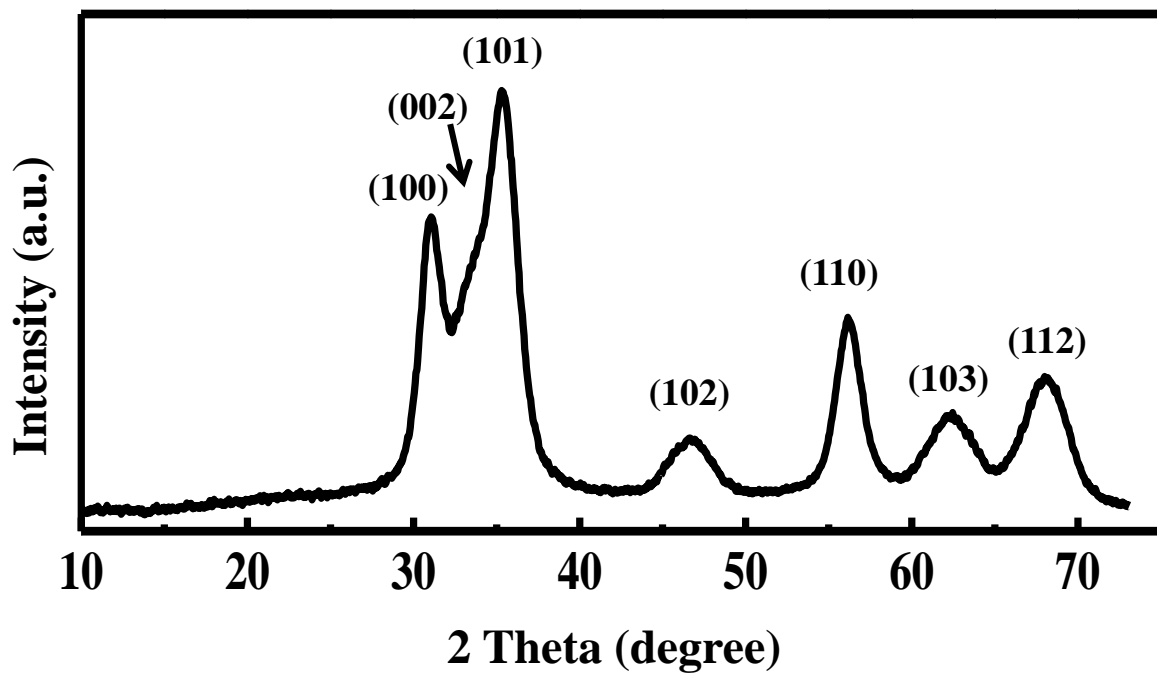


Figure S2. X-ray diffraction pattern of the ZnO nanosheets that precipitated upon adding acetone to n-butylamine.

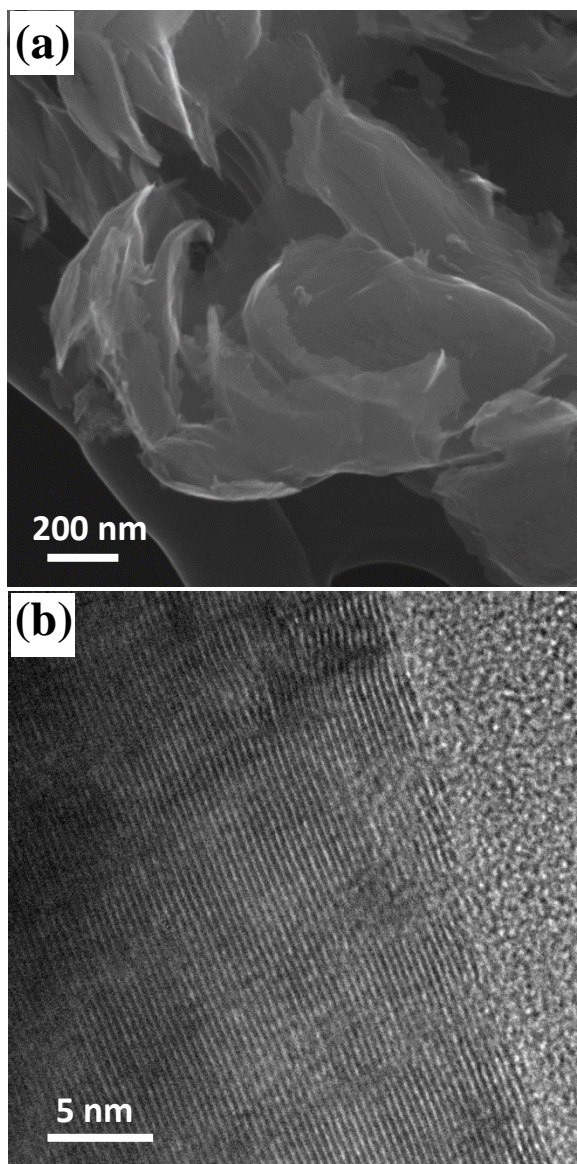


Figure S3. SEM image (a) and high-resolution TEM image (b) of exfoliated ZnO nanosheets.

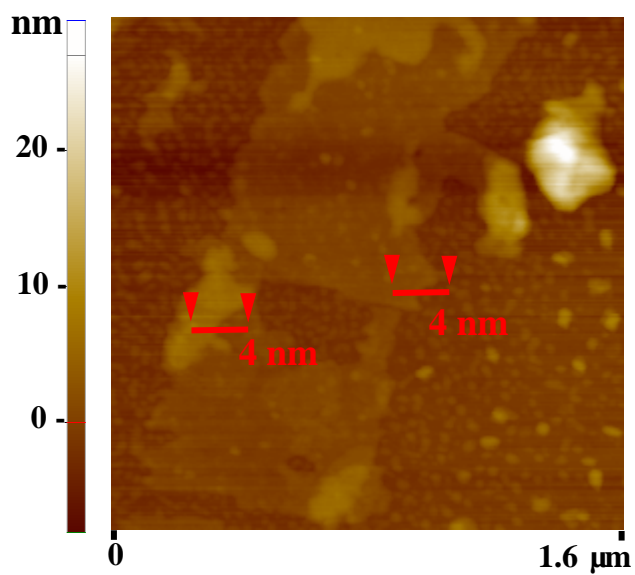


Figure S4. AFM topography image of an exfoliated ZnO nanosheet as thin as 4 nm.