

Fig.1 Schematic presentation of a Zn(O,S) supercycle with m:n (ZnO:ZnS) ratio.

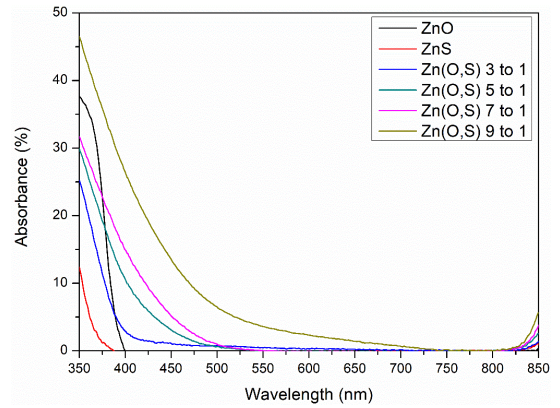


Fig. 3 The Absorbance of Zn(O,S) films measured by UV-vis spectrophotometer.

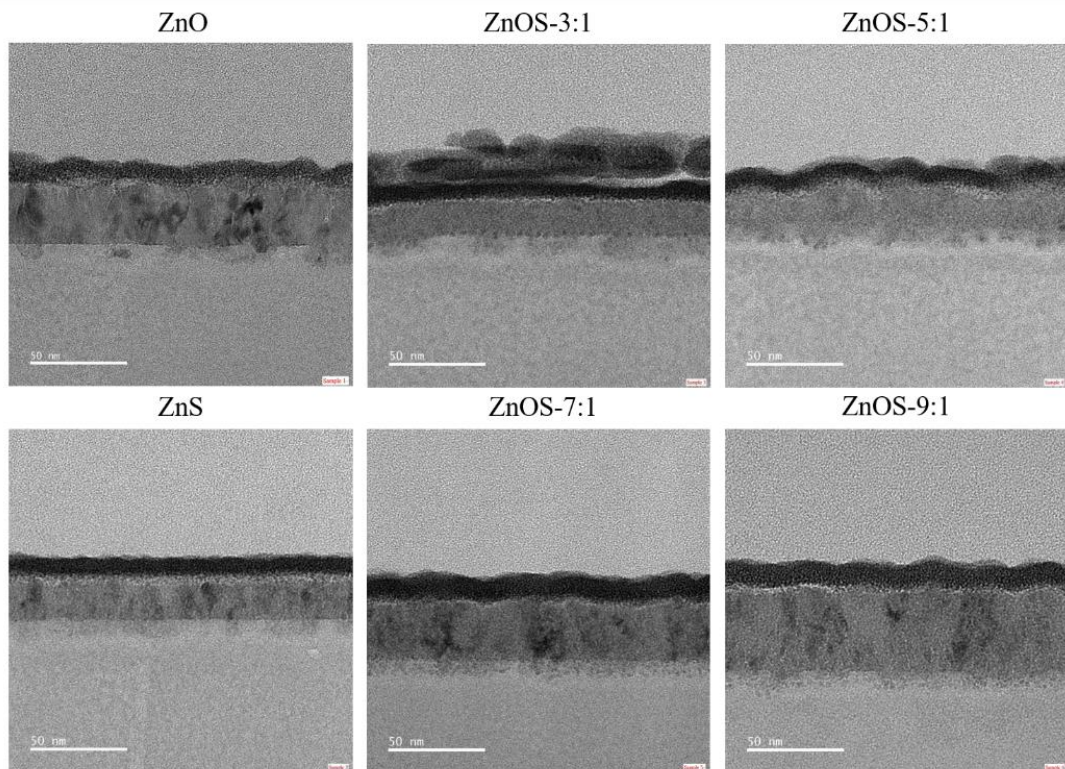


Fig. 2 TEM images of ZnO, ZnS and Zn(O,S) films with different ratios