

# Supplementary Materials: The Influence of Different Partial Pressures on the Fabrication of InGaO Ultraviolet Photodetectors

Sheng-Po Chang, Li-Yang Chang and Jyun-Yi Li

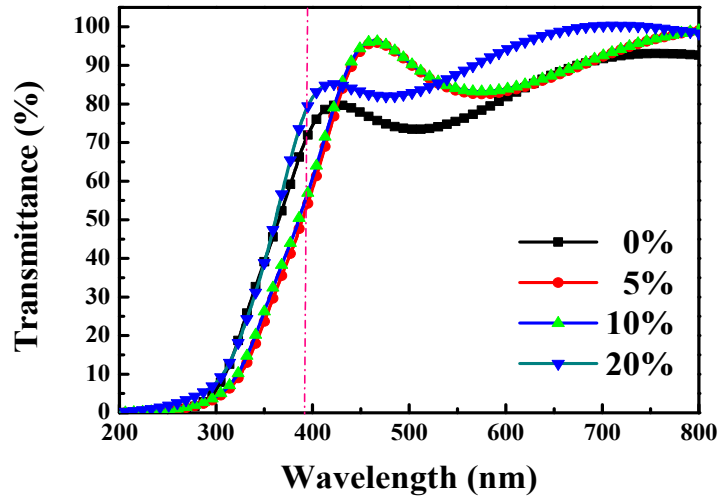


Figure S1. Transmittance spectra of different partial pressure on IGO films.

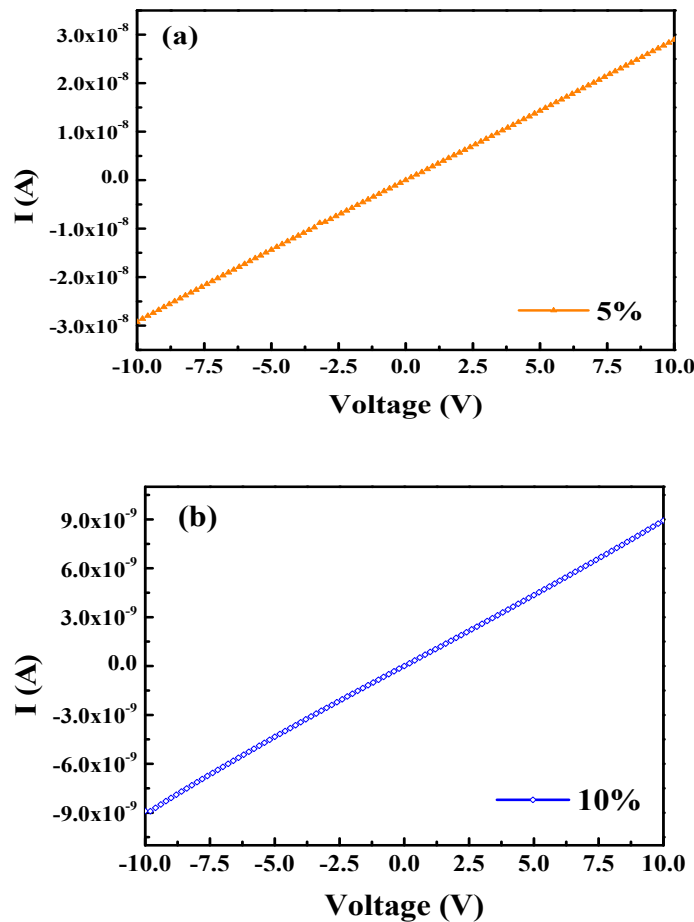
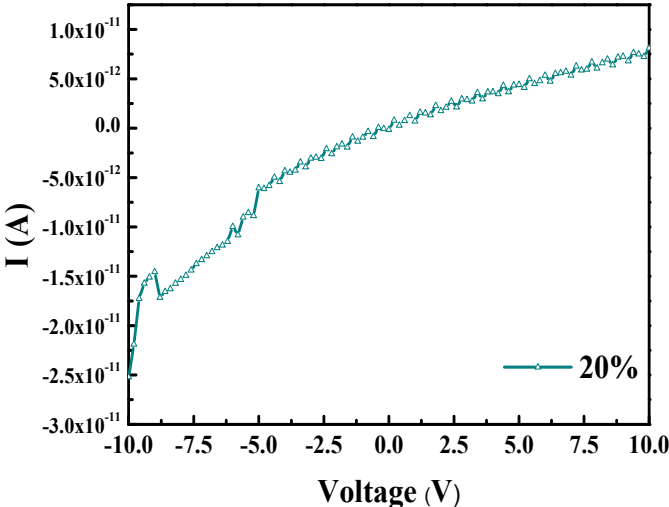


Figure S2. The linear dark I-V characteristics curve of the IGO thin films MSM photodetector fabricated under  $pO_2 =$  (a) 5% (b) 10% in linear scale.



**Figure S3.** The Schottky dark I-V characteristics curve of the IGO thin films MSM photodetector fabricated under  $pO_2 = 20\%$  in linear scale.