

Interlayer	$V_{oc}$ [V]	$J_{sc}$ [mA/cm <sup>2</sup> ]	FF[%]	PCE[%]
0.25mg/mL	0.82	27.59	71.9%	16.26
0.5mg/mL	0.82	28.12	72.2%	16.65
1mg/mL	0.81	27.73	71.6%	16.16
2mg/mL	0.81	26.33	70.8%	15.27

Table 1. Summary of performances for the inverted-type PM6:Y6 solar cells according to the thickness of the E-PI interlayers.

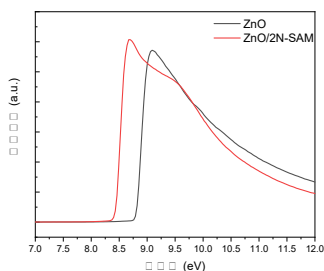


Figure 1. UPS spectra of the ZnO and 2N-SAM-treated ZnO

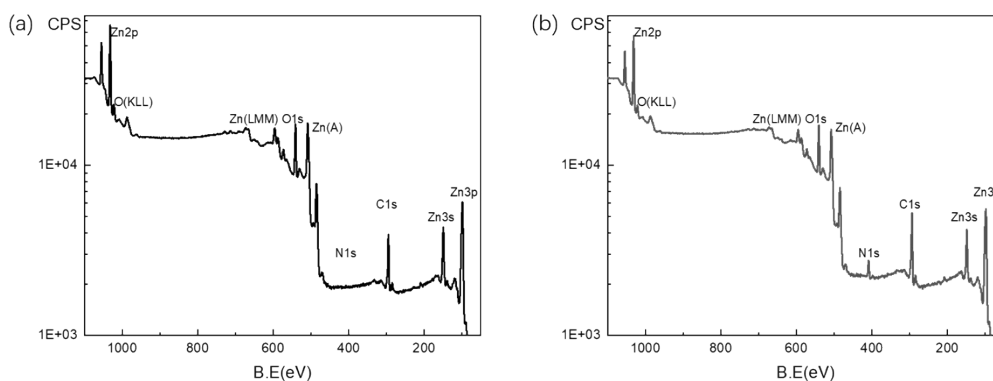


Figure 2. The XPS image of (a) ZnO and (b) ZnO/2N-SAM

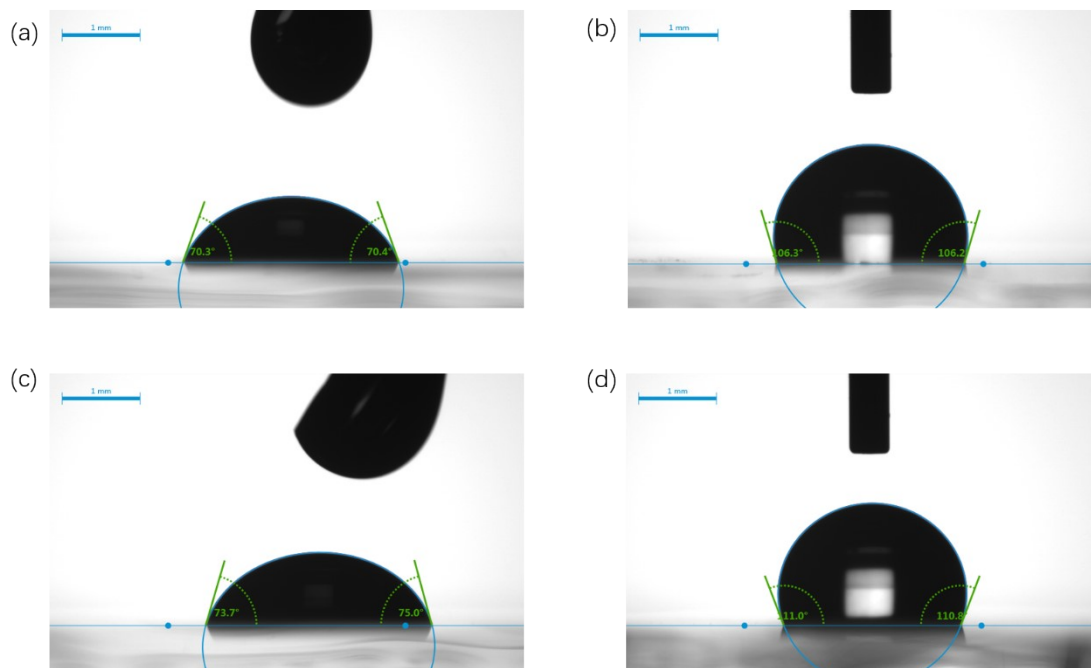


Figure 3. The contact-angle of (a,b)ZnO and (c,d)ZnO/2N-SAM

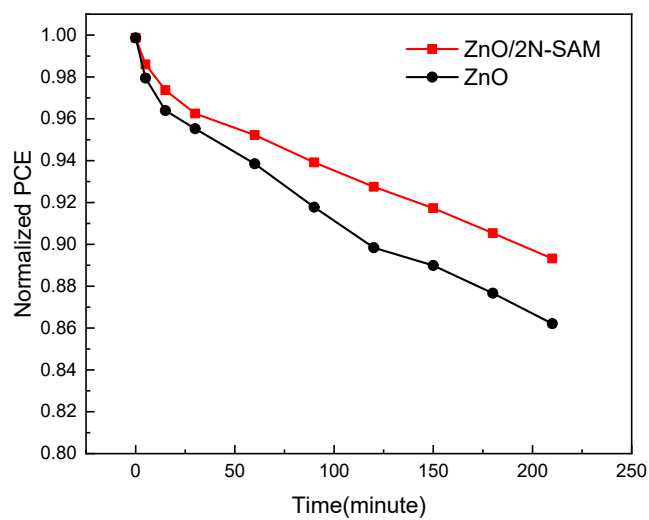


Figure 4. The light stability of ZnO and ZnO/2N-SAM devices