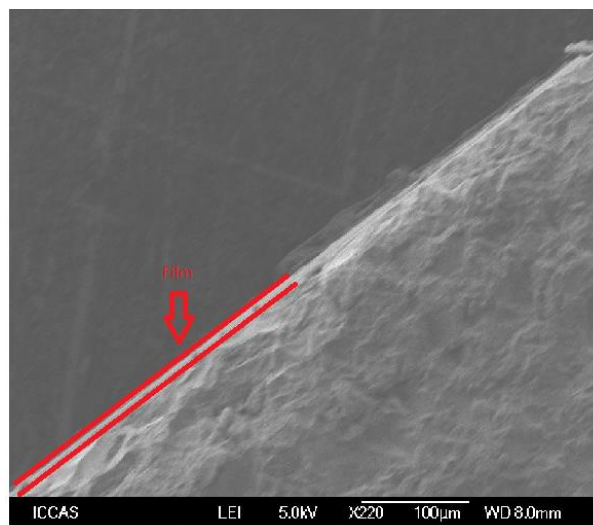
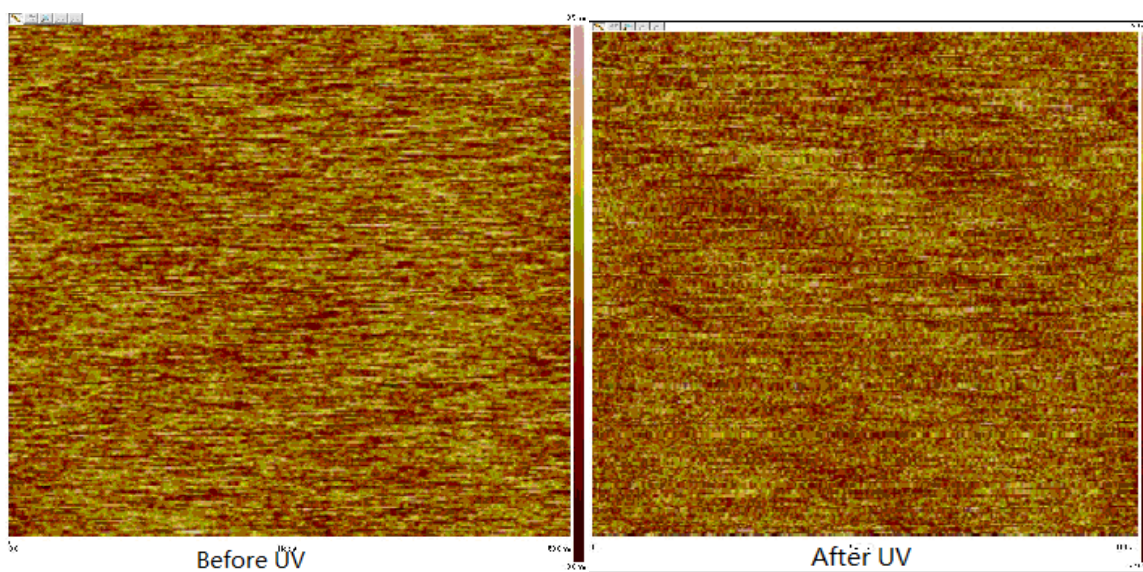


## Supporting Information

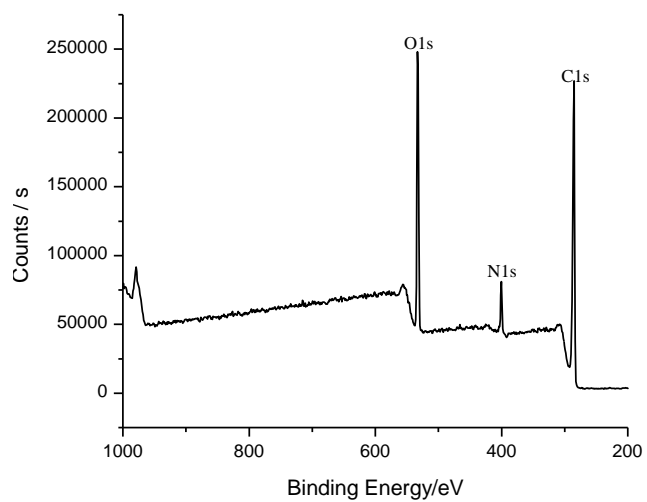


**Fig. S1.** The cross-section of the Azo-HPC film.



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**Fig. S2.** AFM height images of the surface of the Azo-HPC films before (left) and after (right) UV irradiation. The dimension of the images is 50 × 50 nm.



**Fig. S3** XPS spectra of the surface of Azo-HPC3 film.