

Microfluidic-Organic Thin Film Transistor Coupled Platform for Chemical Sensing

Nicholas T. Boileau¹, Benjamin King¹, Sparsh Kapar¹, Ali Najafi Sohi², Joseph G. Manion¹, Michel Godin^{2,3}, and Benoît H. Lessard^{1,4,}*

1: Department of Chemical and Biological Engineering, University of Ottawa, 161 Louis Pasteur Pvt, Ottawa, ON, Canada

2: Department of Physics, University of Ottawa, 150 Louis Pasteur Pvt, Ottawa, ON, Canada

3: Ottawa-Carleton Institute for Biomedical Engineering, University of Ottawa, 161 Louis Pasteur Pvt, Ottawa, ON, Canada

4: School of Electrical Engineering and Computer Science, University of Ottawa, 800 King Edward Ave., Ottawa, ON, Canada

*Corresponding Author. E-mail: benoit.lessard@uottawa.ca

Electronic Supporting Information

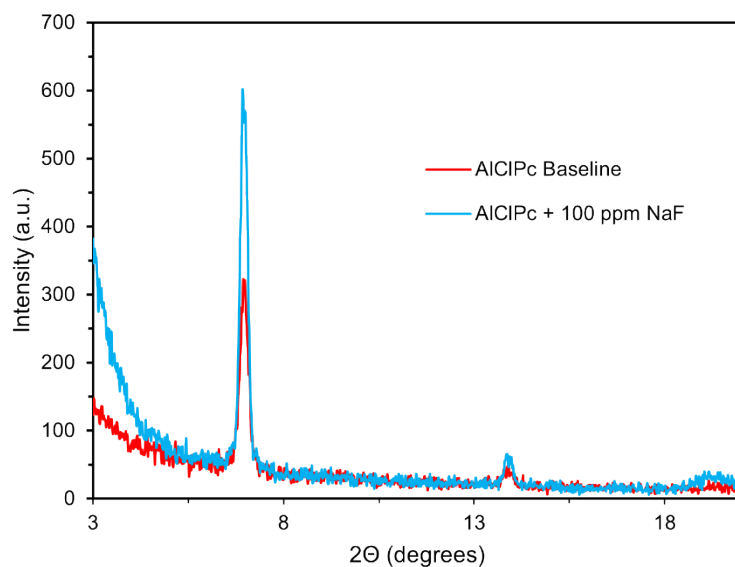


Figure S1. XRD Spectra of AIClPc thin films before and after exposure to a solution of 100 ppm NaF.

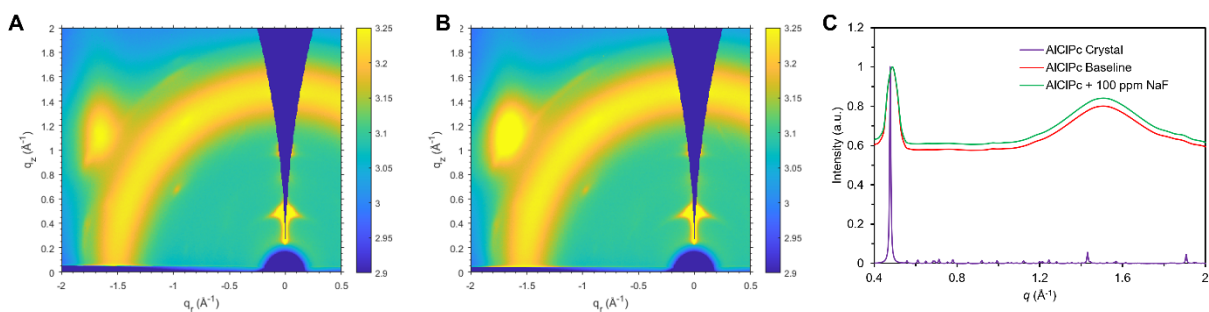


Figure S2. 2D scattering pattern ($\alpha = 0.3^\circ$) of (A) AIClPc baseline thin-film and (B) AIClPc film treated with a 100 ppm NaF solution and (C) diffraction pattern from single crystal and GIWAXS for baseline AIClPc and treated AIClPc