

Supporting Information

Polydopamine meets solid-state nanopores: A bio-inspired integrative surface chemistry approach to tailor the functional properties of nanofluidic diodes

Gonzalo Pérez-Mitta,¹ Jimena S. Tuninetti,¹ Wolfgang Knoll,² Christina Trautmann,³
María Eugenia Toimil-Molares,³ and Omar Azzaroni¹

¹ *Instituto de Investigaciones Fisicoquímicas Teóricas y Aplicadas (INIFTA), Universidad Nacional de La Plata – CONICET – CC 16 Suc. 4 (1900) La Plata – Argentina*

² *Austrian Institute of Technology GmbH, Donau Strasse 1, Vienna – Austria*

³ *GSI Helmholtzzentrum für Schwerionenforschung GmbH – Darmstadt – Germany*

Corresponding author: (O.A.) azzaroni@inifta.unlp.edu.ar

Wetting characterization of modified PET membranes.

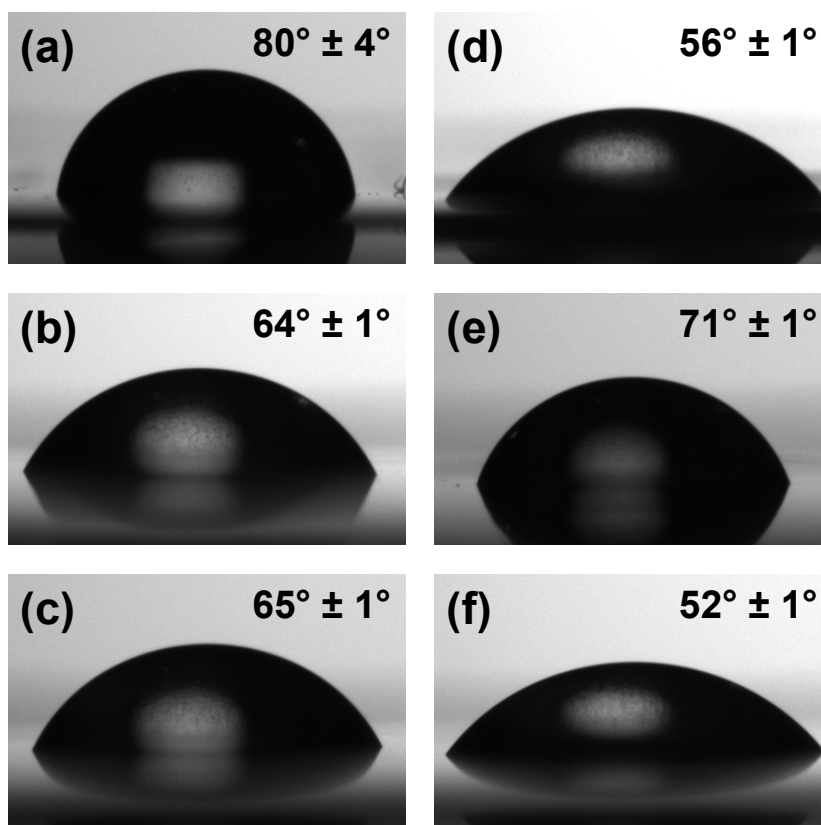


Figure S1. Contact angle measurements of polyethylene terephthalate (PET) after different chemical treatments: (a) PET, (b) PET after chemical etching, (c) PDOPA-modified PET, (d) ABA-PDOPA-modified PET, (e) Au/PDOPA-modified PET, (f) NTMAC-modified Au/PDOPA PET.