

Supplementary Information for

Electro-responsivity in Electrolyte-Free and Solution Processed Bragg Stacks

Liliana Moscardi^{1,2†}, Giuseppe M. Paternò^{2†*}, Alessandro Chiasera³, Roberto Sorrentino^{1,2}, Fabio Marangi^{1,2}, Ilka Kriegel⁴, Guglielmo Lanzani^{1,2}, Francesco Scatognella^{1,2,*}.

1 Department of Physics, Politecnico di Milano, Piazza Leonardo da Vinci 32, 20133 Milano, Italy

2 Center for Nano Science and Technology@PoliMi, Istituto Italiano di Tecnologia (IIT), Via Giovanni Pascoli, 70/3, 20133, Milan, Italy

3 Istituto di Fotonica e Nanotecnologie IFN – CNR, , Via alla Cascata, 56/C, 3812, Povo – Trent, Italy

4 Department of Nanochemistry, Istituto Italiano di Tecnologia (IIT), via Morego, 30, 16163 Genova, Italy

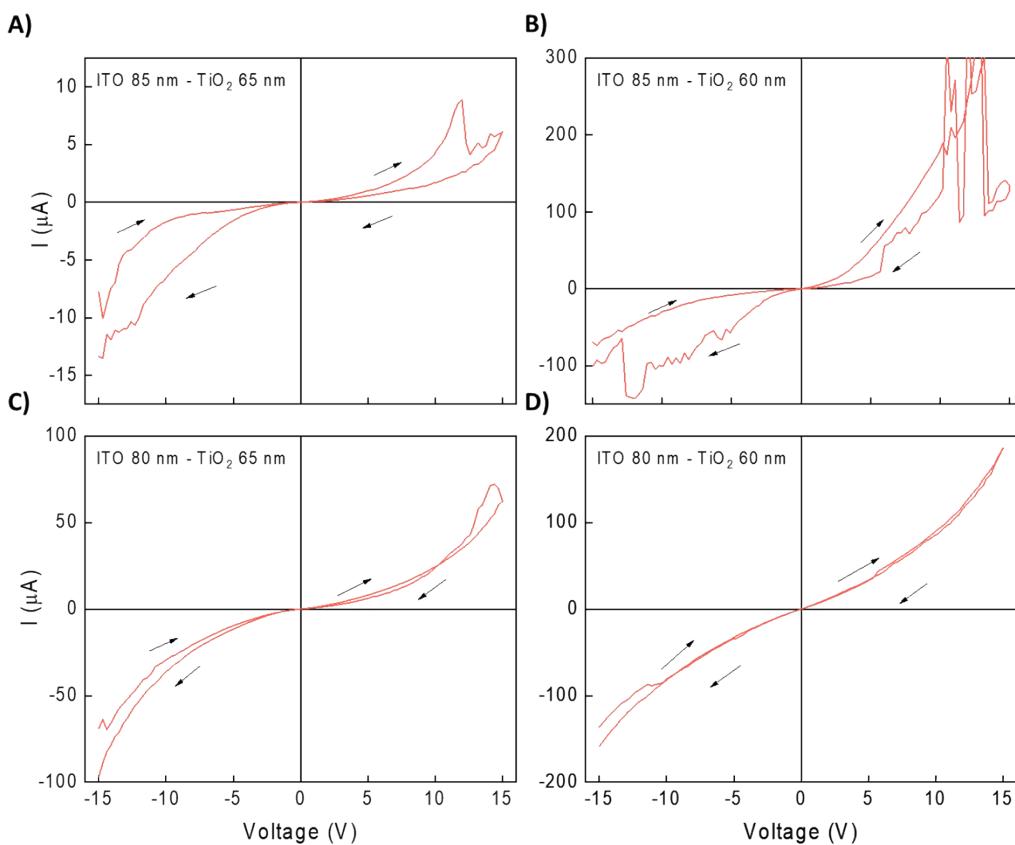


Figure S1. I-V curves for the four different devices obtained via the well-known two-probes method.

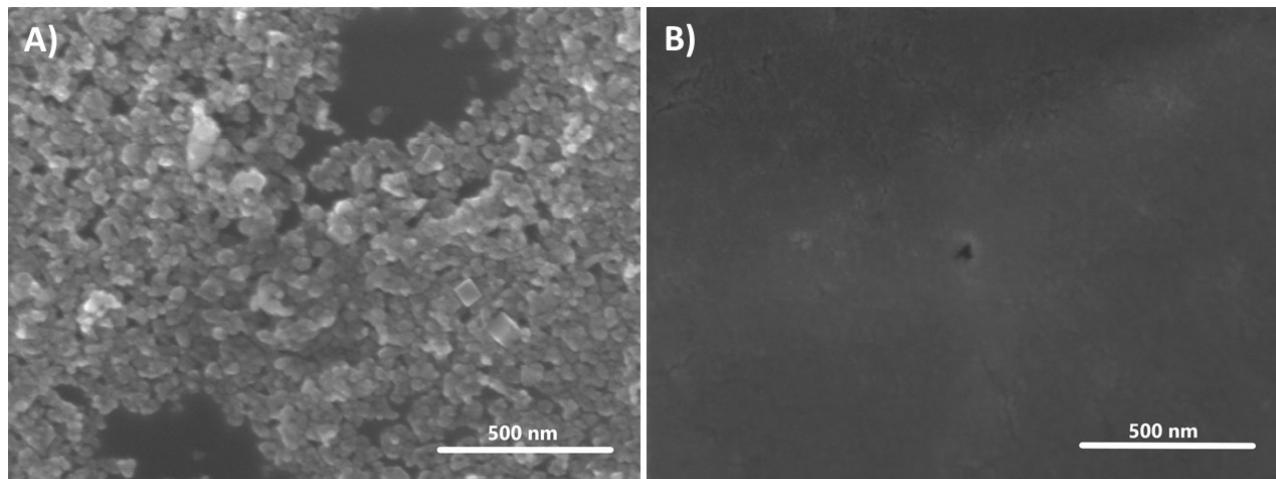


Figure S2. SEM images of A) ITO and B) TiO₂ layers deposited via spin-casting from the colloidal dispersions (spin-casting speed 2000 rpm)