

PUBLICATIONS EN 2014

- *A High Transconductance Accumulation Mode Electrochemical Transistor*, S. Inal, J. Rivnay, P. Leleux, M. Ferro,..., G.G. Malliaras, *Advanced Materials*, **2014**, 26, 44, 7450-7455
- *A glucose sensor via stable immobilization of the GOx enzyme on an organic transistor using a polymer brush*, T. Doublet, M.E. Welch, C. Bernard, G.G. Malliaras, C.K. Ober, *JPS Polymer Chemistry*, **2014**, 53, 2, 372-377
- *Combined optical and electronic sensing of epithelial cells using planar organic transistors*, M. Ramuz, A. Hama, M. Huerta, P. Leleux, J. Rivnay, R.M. Owens, *Advanced Materials*, **2014**, 26, 41, 7083-7090
- *Dynamic monitoring of Salmonella typhimurium infection of polarized epithelia using organic transistors*, S. Tria, M. Ramuz, M. Huerta, P. Leleux, J. Rivnay, L.H. Jimison, A. Hama, G.G. Malliaras, R.M. Owens, *Advanced Healthcare Materials*, **2014**, 3, 7, 1053-1060
- *Ionic liquid gel-assisted electrodes for long-term cutaneous recordings*, P. Leleux, C. Johnson, X. Strakosas, J. Rivnay, T. Hervé, R.M. Owens, G.G. Malliaras, *Advanced Healthcare Materials*, **2014**, 3, 9, 1377-1380