

## **PUBLICATIONS IN 2013 (including 2 NATURE Comms)**

- *Organic electrochemical transistors with maximum transconductance at zero gate bias*, J. Rivnay, P. Leleux, M. Sessolo, D. Khodagholy, T. Hervé, M. Fiocchi, G.G. Malliaras, *Advanced Materials*, **2013**, 25, 48, 7010-7014
- *Conducting Polymer electrodes for electroencephalography*, P. Leleux, J.M. Badier, J. Rivnay, C. Bénar, T. Hervé, P. Chauvel, G.G. Malliaras, *Advanced Healthcare Materials*, **2013**, 3, 4, 490-493
- *High transconductance organic electrochemical transistors*, D. Khodagholy, J. Rivnay, M. Sessolo, P. Leleux, L.H. Jimison, E. Stavrinidou, T. Hervé, S. Sanaur, R. Owens, G.G. Malliaras, *Nature Communications*, **2013**, 4, 2133
- *A simple model for ion injection and transport in conducting polymers*, E. Stavrinidou, P. Leleux, H. Rajaona, M. Fiocchi, S. Sanaur, G.G. Malliaras, *Journal of Applied Physics*, **2013**, 113, 24
- *Direct measurement of ion mobility in a conducting polymer*, E. Stavrinidou, P. Leleux, H. Rajaona, D. Khodagholy, J. Rivnay, M. Lindau, S. Sanaur, G.G. Malliaras, *Advanced Materials*, **2013**, 25: 4488-4493
- *In vivo recordings of brain activity using organic transistors*, D. Khodagholy, T. Doublet, P. Quilichini, M. Gurfinkel, P. Leleux, A. Ghestem, E. Ismailova, T. Hervé, S. Sanaur, C. Bernard, G.G. Malliaras, *Nature Communications*, **2013**, 4, 1575