

ARTICLES IN 2015

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- *Optimization of a planar all-polymer transistor for characterization of barrier tissue*, M. Ramuz, K. Margita, A. Hama, P. Leleux, J. Rivnay, R.M. Owens, *ChemPhysChem*, **2015**, 16(6):1210-6
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- *Controlling Epileptiform Activity with Organic Electronic Ion Pumps*, M. A. Williamson, J. Rivnay, L.Kergoat, A. Jonsson, S. Inal, I. Uguz, M. Ferro, A. Ivanov, D.T. Simon, M. Berggren, G.G. Malliaras, and C. Bernard, *Adv. Mater*, **2015**, 27, 20, 3138-3144
- *Organic electrochemical transistors for cell-based impedance sensing*, J. Rivnay, M. Ramuz, P. Leleux, A. Hama, M. Huerta, R.M. Owens, *Applied Physics Letters*, **2015**, 106,04330
- *Organic electrochemical transistors used for clinical applications*, P. Leleux, J. Rivnay, T. Lonjaret, J.-M. Badier, C. Bénar, P. Chauvel, G.G. Malliaras, *Advanced Healthcare Materials*, **2015**, 4, 1, 142-147

SUBMITTED FOR PUBLICATION:

- *Organic electrochemical transistors for recording broad-band neural activity*, J.

- Rivnay, P. Leleux, M. Sessolo, D. Khodagholy, M. Fiocchi, X. Strakosas, A. Hama, G.G. Malliaras, *Science Advances*, submitted
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