

Antonio Malgaroli

MOST RELEVANT PUBLICATIONS

- M.Ferro, J. Lamanna, M. Ripamonti, G. Racchetti, A. Arena, S. Spadini, G. Montesano, R. Cortese, V. Zimarino & A. Malgaroli. (2017) Functional mapping of brain synapses by an enriching activity-marker. **Nature Communications**, Oct 31;8(1):1229.
- C. Schulte, M. Ripamonti, E. Maffioli, M.A. Cappelluti, S. Nonnis, L. Puricelli, J. Lamanna, C. Piazzoni, A. Podestà, C. Lenardi, G. Tedeschi*, A. Malgaroli* & P. Milani* (2016) Scale invariant disordered nanotopography promotes hippocampal neuron development and maturation with involvement of mechanotransductive pathway. **Frontiers Cell Neuroscience**. 10:267. (* shared last authors)
- Arena A, Lamanna J, Gemma M, Ripamonti M, Ravasio G, Zimarino V, De Vitis A, Beretta L, & Malgaroli A (2017) A linear transformation of the encoding mechanism for light-intensity underlies paradoxical enhancement of cortical visual responses by sevoflurane. **J. Physiology** Jan 1;595(1):321-339
- Montesano G, Belfiore M, Ripamonti M, Arena A, Lamanna J, Ferro M, Zimarino V, Ambrosi A & Malgaroli A. (2015) Effects of the Concomitant Activation of ON and OFF Retinal Ganglion Cells on the Visual Thalamus: Evidence for an Enhanced Recruitment of GABAergic Cells. **Front Neural Circuits**. 9: 77, 1-19.
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