

# Olivier Caillard

## List of Publications by Year in descending order

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11  
papers

946  
citations

933447

10  
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1281871

11  
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11  
all docs

11  
docs citations

11  
times ranked

1098  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Long-term plasticity at GABAergic and glycinergic synapses: mechanisms and functional significance. Trends in Neurosciences, 2002, 25, 564-570.  | 8.6  | 271       |
| 2  | Early Development of Neuronal Activity in the Primate Hippocampus <i>In Utero</i> . Journal of Neuroscience, 2001, 21, 9770-9781.  | 3.6  | 219       |
| 3  | Long-term potentiation of GABAergic synaptic transmission in neonatal rat hippocampus. Journal of Physiology, 1999, 518, 109-119.  | 2.9  | 91        |
| 4  | Mechanisms of Induction and Expression of Long-Term Depression at GABAergic Synapses in the Neonatal Rat Hippocampus. Journal of Neuroscience, 1999, 19, 7568-7577.  | 3.6  | 77        |
| 5  | Paired-recordings from synaptically coupled cortical and hippocampal neurons in acute and cultured brain slices. Nature Protocols, 2008, 3, 1559-1568.   | 12.0 | 72        |
| 6  | Release-Dependent Variations in Synaptic Latency: A Putative Code for Short- and Long-Term Synaptic Dynamics. Neuron, 2007, 56, 1048-1060.   | 8.1  | 71        |
| 7  | Spontaneous synaptic activity is required for the formation of functional GABAergic synapses in the developing rat hippocampus. Journal of Physiology, 2004, 559, 129-139.   | 2.9  | 45        |
| 8  | Activation of Presynaptic and Postsynaptic Ryanodine-Sensitive Calcium Stores Is Required for the Induction of Long-Term Depression at GABAergic Synapses in the Neonatal Rat Hippocampus Amphetamine. Journal of Neuroscience, 2000, 20, RC94-RC94. | 3.6  | 42        |
| 9  | Ontogenesis of Presynaptic GABA <sub>B</sub> Receptor-Mediated Inhibition in the CA3 Region of the Rat Hippocampus. Journal of Neurophysiology, 1998, 79, 1341-1348.   | 1.8  | 37        |
| 10 | Self-tuning of inhibition by endocannabinoids shapes spike-time precision in CA1 pyramidal neurons. Journal of Neurophysiology, 2013, 110, 1930-1944.  | 1.8  | 14        |
| 11 | Pre & Postsynaptic Tuning of Action Potential Timing by Spontaneous GABAergic Activity. PLoS ONE, 2011, 6, e22322.   | 2.5  | 7         |