Jean-Marie Mangin

List of Publications by Year
in descending order

21 papers	925 citations	687363 13 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	1308 citing authors

#	Article	IF	Citations
1	Adult-born SVZ progenitors receive transient synapses during remyelination in corpus callosum. Nature Neuroscience, 2010, 13, 287-289.	14.8	166
2	Experience-dependent regulation of NG2 progenitors in the developing barrel cortex. Nature Neuroscience, 2012, 15, 1192-1194.	14.8	126
3	Synapses on NG2â€expressing progenitors in the brain: multiple functions?. Journal of Physiology, 2008, 586, 3767-3781.	2.9	85
4	Satellite NG2 Progenitor Cells Share Common Glutamatergic Inputs with Associated Interneurons in the Mouse Dentate Gyrus. Journal of Neuroscience, 2008, 28, 7610-7623.	3.6	73
5	Cholinergic left-right asymmetry in the habenulo-interpeduncular pathway. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 21171-21176.	7.1	70
6	Chronic Perinatal Hypoxia Reduces Glutamateâ€“Aspartate Transporter Function in Astrocytes through the Janus Kinase/Signal Transducer and Activator of Transcription Pathway. Journal of Neuroscience, 2011, 31, 17864-17871.	3.6	62
7	Microglia Proliferation Is Controlled by P2X7 Receptors in a Pannexin-1-Independent Manner during Early Embryonic Spinal Cord Invasion. Journal of Neuroscience, 2012, 32, 11559-11573.	3.6	58
8	Mechanisms for Picrotoxin Block of Î±2 Homomeric Glycine Receptors. Journal of Biological Chemistry, 2006, 281, 3841-3855.	3.4	43
9	The Curious Case of NG2 Cells: Transient Trend or Game Changer?. ASN Neuro, 2010, 3, AN20110001.	2.7	43
10	Pax6 Is Required at the Telencephalic Pallial-Subpallial Boundary for the Generation of Neuronal Diversity in the Postnatal Limbic System. Journal of Neuroscience, 2011, 31, 5313-5324.	3.6	41
11	Acetylcholine Controls GABA-, Glutamate-, and Glycine-Dependent Giant Depolarizing Potentials that Govern Spontaneous Motoneuron Activity at the Onset of Synaptogenesis in the Mouse Embryonic Spinal Cord. Journal of Neuroscience, 2014, 34, 6389-6404.	3.6	32
12	TheYin andYang of cell cycle progression and differentiation in the oligodendroglial lineage. Mental Retardation and Developmental Disabilities Research Reviews, 2006, 12, 85-96.	3.6	22
13	Mechanisms for Picrotoxinin and Picrotin Blocks of Î±2 Homomeric Glycine Receptors. Journal of Biological Chemistry, 2007, 282, 16016-16035.	3.4	21
14	<scp>A</scp>xoglial synapses are formed onto pioneer oligodendrocyte precursor cells at the onset of spinal cord gliogenesis. Glia, 2018, 66, 1678-1694.	4.9	15
15	Persistent Sodium Current Drives Excitability of Immature Renshaw Cells in Early Embryonic Spinal Networks. Journal of Neuroscience, 2018, 38, 7667-7682.	3.6	14
16	Mapping astrocyte activity domains by light sheet imaging and spatio-temporal correlation screening. NeuroImage, 2020, 220, 117069.	4.2	14
17	Developmental Regulation of Î²-Carboline-Induced Inhibition of Glycine-Evoked Responses Depends on Glycine Receptor Î² Subunit Expression. Molecular Pharmacology, 2005, 67, 1783-1796.	2.3	13
18	Embryonic macrophages and microglia ablation alter the development of dorsal root ganglion sensory neurons in mouse embryos. Glia, 2018, 66, 2470-2486.	4.9	12

#	Article	IF	Citations
19	Differential Synaptic Integration of Interneurons in the Outer and Inner Molecular Layers of the Developing Dentate Gyrus. Journal of Neuroscience, 2007, 27, 8219-8225.	3.6	10
20	Neuroepithelial progenitors generate and propagate non-neuronal action potentials across the spinal cord. Current Biology, 2021, 31, 4584-4595.e4.	3.9	5
21	Regenerative Potential of NG2 Cells. Pancreatic Islet Biology, 2014, , 137-158.	0.3	0