

Jean-Marie Mangin

List of Publications by Year in descending order

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Version: 2024-02-01

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	Neuroepithelial progenitors generate and propagate non-neuronal action potentials across the spinal cord. <i>Current Biology</i> , 2021, 31, 4584-4595.e4.	3.9	5
2	Mapping astrocyte activity domains by light sheet imaging and spatio-temporal correlation screening. <i>NeuroImage</i> , 2020, 220, 117069.	4.2	14
3	<scp>A</scp>xoglial synapses are formed onto pioneer oligodendrocyte precursor cells at the onset of spinal cord gliogenesis. <i>Glia</i> , 2018, 66, 1678-1694.	4.9	15
4	Embryonic macrophages and microglia ablation alter the development of dorsal root ganglion sensory neurons in mouse embryos. <i>Glia</i> , 2018, 66, 2470-2486.	4.9	12
5	Persistent Sodium Current Drives Excitability of Immature Renshaw Cells in Early Embryonic Spinal Networks. <i>Journal of Neuroscience</i> , 2018, 38, 7667-7682.	3.6	14
6	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. <i>Journal of Neuroscience</i> , 2014, 34, 6389-6404.	3.6	32
7	Regenerative Potential of NG2 Cells. <i>Pancreatic Islet Biology</i> , 2014, , 137-158.	0.3	0
8	Cholinergic left-right asymmetry in the habenulo-interpeduncular pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 21171-21176.	7.1	70
9	Microglia Proliferation Is Controlled by P2X7 Receptors in a Pannexin-1-Independent Manner during Early Embryonic Spinal Cord Invasion. <i>Journal of Neuroscience</i> , 2012, 32, 11559-11573.	3.6	58
10	Experience-dependent regulation of NG2 progenitors in the developing barrel cortex. <i>Nature Neuroscience</i> , 2012, 15, 1192-1194.	14.8	126
11	Chronic Perinatal Hypoxia Reduces Glutamateâ€“Aspartate Transporter Function in Astrocytes through the Janus Kinase/Signal Transducer and Activator of Transcription Pathway. <i>Journal of Neuroscience</i> , 2011, 31, 17864-17871.	3.6	62
12	Pax6 Is Required at the Telencephalic Pallial-Subpallial Boundary for the Generation of Neuronal Diversity in the Postnatal Limbic System. <i>Journal of Neuroscience</i> , 2011, 31, 5313-5324.	3.6	41
13	The Curious Case of NG2 Cells: Transient Trend or Game Changer?. <i>ASN Neuro</i> , 2010, 3, AN20110001.	2.7	43
14	Adult-born SVZ progenitors receive transient synapses during remyelination in corpus callosum. <i>Nature Neuroscience</i> , 2010, 13, 287-289.	14.8	166
15	Synapses on NG2â€“expressing progenitors in the brain: multiple functions?. <i>Journal of Physiology</i> , 2008, 586, 3767-3781.	2.9	85
16	Satellite NG2 Progenitor Cells Share Common Glutamatergic Inputs with Associated Interneurons in the Mouse Dentate Gyrus. <i>Journal of Neuroscience</i> , 2008, 28, 7610-7623.	3.6	73
17	Mechanisms for Picrotoxinin and Picrotin Blocks of $\hat{\pm}2$ Homomeric Glycine Receptors. <i>Journal of Biological Chemistry</i> , 2007, 282, 16016-16035.	3.4	21
18	Differential Synaptic Integration of Interneurons in the Outer and Inner Molecular Layers of the Developing Dentate Gyrus. <i>Journal of Neuroscience</i> , 2007, 27, 8219-8225.	3.6	10

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19	The Yin and Yang of cell cycle progression and differentiation in the oligodendroglial lineage. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2006, 12, 85-96.	3.6	22
20	Mechanisms for Picrotoxin Block of $\alpha 2$ Homomeric Glycine Receptors. <i>Journal of Biological Chemistry</i> , 2006, 281, 3841-3855.	3.4	43
21	Developmental Regulation of $\alpha 2$ -Carboline-Induced Inhibition of Glycine-Evoked Responses Depends on Glycine Receptor $\alpha 2$ Subunit Expression. <i>Molecular Pharmacology</i> , 2005, 67, 1783-1796.	2.3	13