

Laura M LÃ³pez-Mascaraque

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5819622/publications.pdf>

Version: 2024-02-01

75
papers

3,311
citations

126907

33
h-index

155660

55
g-index

78
all docs

78
docs citations

78
times ranked

3033
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of Cell Migration from the Lateral Ganglionic Eminence in the Rat. <i>Journal of Neuroscience</i> , 1996, 16, 6146-6156.	3.6	382
2	Clonal Identity Determines Astrocyte Cortical Heterogeneity. <i>Cerebral Cortex</i> , 2013, 23, 1463-1472.	2.9	134
3	Downregulation of NR3A-Containing NMDARs Is Required for Synapse Maturation and Memory Consolidation. <i>Neuron</i> , 2009, 63, 342-356.	8.1	131
4	Tangential Migration in Neocortical Development. <i>Developmental Biology</i> , 2002, 244, 155-169.	2.0	113
5	Neuroglial arrangements in the olfactory glomeruli of the hedgehog. <i>Journal of Comparative Neurology</i> , 1991, 307, 658-674.	1.6	112
6	Time frame of mitral cell development in the mice olfactory bulb. <i>Journal of Comparative Neurology</i> , 2006, 496, 529-543.	1.6	111
7	Temporal Processing in the Olfactory System: Can We See a Smell?. <i>Neuron</i> , 2013, 78, 416-432.	8.1	101
8	Origins and migratory routes of murine Cajal-Retzius cells. <i>Journal of Comparative Neurology</i> , 2007, 500, 419-432.	1.6	96
9	Persistence of early-generated neurons in the rodent subplate: assessment of cell death in neocortex during the early postnatal period. <i>Journal of Neuroscience</i> , 1995, 15, 5014-5024.	3.6	90
10	A neuronal migratory pathway crossing from diencephalon to telencephalon populates amygdala nuclei. <i>Nature Neuroscience</i> , 2010, 13, 680-689.	14.8	90
11	Development of Ependymal and Postnatal Neural Stem Cells and Their Origin from a Common Embryonic Progenitor. <i>Cell Reports</i> , 2019, 27, 429-441.e3.	6.4	86
12	Action of a diffusible target-derived chemoattractant on cortical axon branch induction and directed growth. <i>Neuron</i> , 1994, 13, 791-803.	8.1	83
13	Stage-Specific Transcription Factors Drive Astroglialogenesis by Remodeling Gene Regulatory Landscapes. <i>Cell Stem Cell</i> , 2018, 23, 557-571.e8.	11.1	79
14	The telencephalic vesicles are innervated by olfactory placode-derived cells: a possible mechanism to induce neocortical development. <i>Neuroscience</i> , 1995, 68, 1167-1178.	2.3	69
15	Clonal Astrocytic Response to Cortical Injury. <i>PLoS ONE</i> , 2013, 8, e74039.	2.5	67
16	Astrocytes and neurons share region-specific transcriptional signatures that confer regional identity to neuronal reprogramming. <i>Science Advances</i> , 2021, 7, .	10.3	65
17	Evidence for intrinsic development of olfactory structures in Pax-6 mutant mice. <i>Journal of Comparative Neurology</i> , 2000, 428, 511-526.	1.6	64
18	Time of Origin and Early Fate of Preplate Cells in the Cerebral Cortex of the Rat. <i>Cerebral Cortex</i> , 1995, 5, 483-493.	2.9	63

#	ARTICLE	IF	CITATIONS
19	Neocortical layers I and II of the hedgehog (<i>Erinaceus europaeus</i>). <i>Anatomy and Embryology</i> , 1986, 175, 167-179.	1.5	62
20	Heterogeneity and Bipotency of Astroglial-Like Cerebellar Progenitors along the Interneuron and Glial Lineages. <i>Journal of Neuroscience</i> , 2015, 35, 7388-7402.	3.6	62
21	The olfactory bulb as an independent developmental domain. <i>Cell Death and Differentiation</i> , 2002, 9, 1279-1286.	11.2	54
22	Development, morphology and topography of chandeller cells in the auditory cortex of the cat. <i>Developmental Brain Research</i> , 1985, 22, 293-300.	1.7	49
23	Early onset of the rat olfactory bulb projections. <i>Neuroscience</i> , 1996, 70, 255-266.	2.3	49
24	Early Telencephalic Migration Topographically Converging in the Olfactory Cortex. <i>Cerebral Cortex</i> , 2008, 18, 1239-1252.	2.9	48
25	Connections of the olfactory bulb and nucleus olfactorius anterior in the hedgehog (<i>Erinaceus</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	1.6	45
26	Multiple origins and modularity in the spatiotemporal emergence of cerebellar astrocyte heterogeneity. <i>PLoS Biology</i> , 2018, 16, e2005513.	5.6	42
27	Early olfactory fiber projections and cell migration into the rat telencephalon. <i>International Journal of Developmental Neuroscience</i> , 1996, 14, 853-865.	1.6	41
28	Different astroglia permissivity controls the migration of olfactory bulb interneuron precursors. <i>Glia</i> , 2010, 58, 218-230.	4.9	40
29	Hypothalamus-Olfactory System Crosstalk: Orexin A Immunostaining in Mice. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 44.	1.7	39
30	Structure of the olfactory bulb of the hedgeho (<i>erinaceus europaeus</i>): Description of cell types in the granular layer. <i>Journal of Comparative Neurology</i> , 1986, 253, 135-152.	1.6	38
31	Structure of the olfactory bulb of the hedgehog (<i>Erinaceus europaeus</i>): A Golgi study of the intrinsic organization of the superficial layers. <i>Journal of Comparative Neurology</i> , 1990, 301, 243-261.	1.6	37
32	Cajal: Lessons on brain development. <i>Brain Research Reviews</i> , 2007, 55, 481-489.	9.0	36
33	UbC-StarTrack, a clonal method to target the entire progeny of individual progenitors. <i>Scientific Reports</i> , 2016, 6, 33896.	3.3	36
34	The role of clonal communication and heterogeneity in breast cancer. <i>BMC Cancer</i> , 2019, 19, 666.	2.6	36
35	NG2-Glia from Pallial Progenitors Produce the Largest Clonal Clusters of the Brain: Time Frame of Clonal Generation in Cortex and Olfactory Bulb. <i>Journal of Neuroscience</i> , 2014, 34, 2305-2313.	3.6	33
36	Central Olfactory Structures in Pax-6 Mutant Micea. <i>Annals of the New York Academy of Sciences</i> , 1998, 855, 83-94.	3.8	32

#	ARTICLE	IF	CITATIONS
37	Decoding astrocyte heterogeneity: New tools for clonal analysis. <i>Neuroscience</i> , 2016, 323, 10-19.	2.3	31
38	Structure of the nucleus olfactorius anterior of the hedgehog (<i>Erinaceus europaeus</i>). <i>Journal of Comparative Neurology</i> , 1989, 279, 581-600.	1.6	30
39	Development of the mammillothalamic tract in normal and Pax-6 mutant mice. , 2000, 419, 485-504.		30
40	Neuronal and synaptic composition of the mediodorsal thalamic nucleus in the rat: A light and electron microscopic golgi study. <i>Journal of Comparative Neurology</i> , 1992, 326, 61-81.	1.6	29
41	Further studies on cortical tangential migration in wild type and Pax-6 mutant mice. <i>Journal of Neurocytology</i> , 2002, 31, 719-728.	1.5	28
42	Origin of the Cortical Layer I in Rodents. <i>Developmental Neuroscience</i> , 2003, 25, 105-115.	2.0	26
43	Peripheral contributions to olfactory bulb cell populations (migrations towards the olfactory bulb). <i>Glia</i> , 2011, 59, 278-292.	4.9	24
44	Lineage Tracing and Cell Potential of Postnatal Single Progenitor Cells In Vivo. <i>Stem Cell Reports</i> , 2019, 13, 700-712.	4.8	24
45	Synaptogenesis in the mouse olfactory bulb during glomerulus development. <i>European Journal of Neuroscience</i> , 2008, 27, 2838-2846.	2.6	23
46	Distribution and morphology of Alz-50-immunoreactive cells in the developing visual cortex of kittens. <i>Journal of Neurocytology</i> , 1990, 19, 662-671.	1.5	22
47	Clonal Glial Response in a Multiple Sclerosis Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 375.	3.7	22
48	Vasoactive intestinal polypeptide-immunoreactive neurons in the main olfactory bulb of the hedgehog (<i>Erinaceus europaeus</i>). <i>Neuroscience Letters</i> , 1989, 98, 19-24.	2.1	21
49	The Influence of the Environment on Cajal's Retzius Cell Migration. <i>Cerebral Cortex</i> , 2010, 20, 2348-2360.	2.9	21
50	Olfactory epithelium influences the orientation of mitral cell dendrites during development. <i>Developmental Dynamics</i> , 2005, 232, 325-335.	1.8	20
51	Clonal Mapping of Astrocytes in the Olfactory Bulb and Rostral Migratory Stream. <i>Cerebral Cortex</i> , 2017, 27, 2195-2209.	2.9	20
52	Heterogeneity of astrocytes: Electrophysiological properties of juxtavascular astrocytes before and after brain injury. <i>Glia</i> , 2021, 69, 346-361.	4.9	19
53	Protein synthesis inhibitors delay transneuronal death in the piriform cortex of young adult rats. <i>Neuroscience</i> , 1997, 79, 463-475.	2.3	17
54	Secretome Analysis of Mesenchymal Stem Cell Factors Fostering Oligodendroglial Differentiation of Neural Stem Cells In Vivo. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4350.	4.1	16

#	ARTICLE	IF	CITATIONS
55	Unraveling Cajal's view of the olfactory system. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 55.	1.7	15
56	Sibling astrocytes share preferential coupling via gap junctions. <i>Glia</i> , 2019, 67, 1852-1858.	4.9	15
57	Cell Fate Potential of NG2 Progenitors. <i>Scientific Reports</i> , 2020, 10, 9876.	3.3	15
58	Chandelier cells in the auditory cortex of monkey and man: a Golgi study. <i>Experimental Brain Research</i> , 1987, 66, 295-302.	1.5	14
59	Adult Olfactory Bulb Interneuron Phenotypes Identified by Targeting Embryonic and Postnatal Neural Progenitors. <i>Frontiers in Neuroscience</i> , 2016, 10, 194.	2.8	14
60	Spatiotemporal analyses of neural lineages after embryonic and postnatal progenitor targeting combining different reporters. <i>Frontiers in Neuroscience</i> , 2015, 9, 87.	2.8	13
61	Dab1 (Disable Homolog-1) Reelin Adaptor Protein Is Overexpressed in the Olfactory Bulb at Early Postnatal Stages. <i>PLoS ONE</i> , 2011, 6, e26673.	2.5	11
62	Postnatal characterization of cells in the accessory olfactory bulb of wild type and reeler mice. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 15.	1.7	10
63	Astrocytes as essential "keepers" of the central pacemaker. <i>Glia</i> , 2022, 70, 808-819.	4.9	10
64	A Clonal NG2-Glia Cell Response in a Mouse Model of Multiple Sclerosis. <i>Cells</i> , 2020, 9, 1279.	4.1	9
65	Deciphering neural heterogeneity through cell lineage tracing. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1971-1982.	5.4	9
66	Unraveling the adult cell progeny of early postnatal progenitor cells. <i>Scientific Reports</i> , 2020, 10, 19058.	3.3	7
67	Cell Progeny in the Olfactory Bulb after Targeting Specific Progenitors with Different UbC-StarTrack Approaches. <i>Genes</i> , 2020, 11, 305.	2.4	7
68	Gliogenic Potential of Single Pallial Radial Glial Cells in Lower Cortical Layers. <i>Cells</i> , 2021, 10, 3237.	4.1	6
69	From the periphery to the brain: Wiring the olfactory system. <i>Translational Neuroscience</i> , 2011, 2, .	1.4	3
70	From the Nose to the Brain: Olfaction and Neuroscience. <i>Anatomical Record</i> , 2013, 296, 1285-1286.	1.4	3
71	Editorial: 50th Anniversary of Adult Neurogenesis: Olfaction, Hippocampus, and Beyond. <i>Frontiers in Neuroscience</i> , 2016, 10, 319.	2.8	3
72	Olfactory System Embryonic Development. , 2016, , 275-281.		1

#	ARTICLE	IF	CITATIONS
73	Morphological Characterization of ALZ-50 Immunoreactive Cells in the Developing Neocortex of Kittens. , 1991, , 193-197.		1
74	Lineage Relationships Between Subpallial Progenitors and Glial Cells in the Piriform Cortex. Frontiers in Neuroscience, 2022, 16, 825969.	2.8	1
75	Pathway and target selection by developing cortical axons agauDennis D.M.^O'Leary. Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society, 1992, 17, 15.	0.0	0