Loreta Medina

List of PR Articles by Year in descending order

65 PR articles	5,115 PR citations	69184 37 PR h-index	97341 61 g-index
73 documents	6531 doc citations	68626 40 h-index	4020 citing authors

#	Article	IF	PR Citations
1	Refocusing neuroscience: moving away from mental categories and towards complex behaviours. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, .	3.8	71
2	Precise Mapping of Otp Expressing Cells Across Different Pallial Regions Throughout Ontogenesis Using Otp-Specific Reporter Transgenic Mice. Frontiers in Neural Circuits, 2022, 16, .	2.5	7
3	Distinct Subdivisions in the Transition Between Telencephalon and Hypothalamus Produce Otp and Sim1 Cells for the Extended Amygdala in Sauropsids. Frontiers in Neuroanatomy, 2022, 16, .	2.2	18
4	Developmental-Based Classification of Enkephalin and Somatostatin Containing Neurons of the Chicken Central Extended Amygdala. Frontiers in Physiology, 2022, 13, .	2.9	7
5	A novel telencephalonâ€optoâ€hypothalamic morphogenetic domain coexpressing Foxg1 and Otp produces most of the glutamatergic neurons of the medial extended amygdala. Journal of Comparative Neurology, 2021, , .	2.0	28
6	Evolution of Pallial Areas and Networks Involved in Sociality: Comparison Between Mammals and Sauropsids. Frontiers in Physiology, 2019, 10, .	2.9	31
7	Neural architecture of the vertebrate brain: implications for the interaction between emotion and cognition. Neuroscience and Biobehavioral Reviews, 2019, 107, 296-312.	7.1	86
8	Expression of regulatory genes in the embryonic brain of a lizard and implications for understanding pallial organization and evolution. Journal of Comparative Neurology, 2018, 526, 166-202.	2.0	63
9	A 3D MRIâ€based atlas of a lizard brain. Journal of Comparative Neurology, 2018, 526, 2511-2547.	2.0	34
10	Radial derivatives of the mouse ventral pallium traced with Dbx1-LacZ reporters. Journal of Chemical Neuroanatomy, 2016, 75, 2-19.	2.0	56
11	Genoarchitecture of the extended amygdala in zebra finch, and expression of FoxP2 in cell corridors of different genetic profile. Brain Structure and Function, 2016, 222, 481-514.	2.5	37
12	Combinatorial expression of Lef1, Lhx2, Lhx5, Lhx9, Lmo3, Lmo4, and Prox1 helps to identify comparable subdivisions in the developing hippocampal formation of mouse and chicken. Frontiers in Neuroanatomy, 2014, 8, .	2.2	103
13	Genetic identification of the central nucleus and other components of the central extended amygdala in chicken during development. Frontiers in Neuroanatomy, 2014, 8, .	2.2	36
14	Dynamic expression of tyrosine hydroxylase mRNA and protein in neurons of the striatum and amygdala of mice, and experimental evidence of their multiple embryonic origin. Brain Structure and Function, 2013, 219, 751-776.	2.5	31
15	Î²-Catenin Signalling in Glioblastoma Multiforme and Glioma-Initiating Cells. Chemotherapy Research and Practice, 2012, 2012, 1-7.	0.0	74
16	Cadherin expression delineates the divisions of the postnatal and adult mouse amygdala. Journal of Comparative Neurology, 2012, 520, 3982-4012.	2.0	42
17	The avian subpallium: New insights into structural and functional subdivisions occupying the lateral subpallial wall and their embryological origins. Brain Research, 2011, 1424, 67-101.	2.5	84
18	Multiple telencephalic and extratelencephalic embryonic domains contribute neurons to the medial extended amygdala. Journal of Comparative Neurology, 2011, 519, 1505-1525.	2.0	88

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19	Genetic and experimental evidence supports the continuum of the central extended amygdala and a mutiple embryonic origin of its principal neurons. Journal of Comparative Neurology, 2011, 519, 3507-3531.	2.0	76
20	Similarities and differences in the forebrain expression of Lhx1 and Lhx5 between chicken and mouse: Insights for understanding telencephalic development and evolution. Journal of Comparative Neurology, 2010, 518, 3512-3528.	2.0	70
21	Differential Expression of LIM-Homeodomain Factors in Cajal-Retzius Cells of Primates, Rodents, and Birds. Cerebral Cortex, 2010, 20, 1788-1798.	2.8	51
22	Subdivisions and derivatives of the chicken subpallium based on expression of LIM and other regulatory genes and markers of neuron subpopulations during development. Journal of Comparative Neurology, 2009, 515, 465-501.	2.0	112
23	Olfactory and amygdalar structures of the chicken ventral pallium based on the combinatorial expression patterns of LIM and other developmental regulatory genes. Journal of Comparative Neurology, 2009, 516, 166-186.	2.0	67
24	Development and evolution of the pallium. Seminars in Cell and Developmental Biology, 2009, 20, 698-711.	5.5	136
25	Histogenetic compartments of the mouse centromedial and extended amygdala based on gene expression patterns during development. Journal of Comparative Neurology, 2008, 506, 46-74.	2.0	190
26	Comparative functional analysis provides evidence for a crucial role for the homeobox gene Nkx2.1/Titfâ€1 in forebrain evolution. Journal of Comparative Neurology, 2008, 506, 211-223.	2.0	45
27	Dynamic patterns of colocalization of calbindin, parvalbumin and GABA in subpopulations of mouse basolateral amygdalar cells during development. Journal of Chemical Neuroanatomy, 2008, 35, 67-76.	2.0	32
28	Expression of cLhx6 and cLhx7/8 suggests a pallido-pedunculo-preoptic origin for the lateral and medial parts of the avian bed nucleus of the stria terminalis. Brain Research Bulletin, 2008, 75, 299-304.	3.5	30
29	Calcium-binding proteins, neuronal nitric oxide synthase, and GABA help to distinguish different pallial areas in the developing and adult chicken. I. Hippocampal formation and hyperpallium. Journal of Comparative Neurology, 2006, 497, 751-771.	2.0	54
30	Avian brains and a new understanding of vertebrate brain evolution. Nature Reviews Neuroscience, 2005, 6, 151-159.	24.7	995
31	Embryonic and postnatal development of GABA, calbindin, calretinin, and parvalbumin in the mouse claustral complex. Journal of Comparative Neurology, 2005, 481, 42-57.	2.0	45
32	Development of neurons and fibers containing calcium binding proteins in the pallial amygdala of mouse, with special emphasis on those of the basolateral amygdalar complex. Journal of Comparative Neurology, 2005, 488, 492-513.	2.0	42
33	Expression patterns of developmental regulatory genes show comparable divisions in the telencephalon of Xenopus and mouse: insights into the evolution of the forebrain. Brain Research Bulletin, 2005, 66, 297-302.	3.5	36
34	Distribution of nitric oxide-producing neurons in the developing and adult mouse amygdalar basolateral complex. Brain Research Bulletin, 2005, 66, 465-469.	3.5	20
35	Subpallial origin of part of the calbindin-positive neurons of the claustral complex and piriform cortex. Brain Research Bulletin, 2005, 66, 470-474.	3.5	24
36	Revised nomenclature for avian telencephalon and some related brainstem nuclei. Journal of Comparative Neurology, 2004, 473, 377-414.	2.0	1,126

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37	Expression ofDbx1,Neurogenin 2,Semaphorin 5A,Cadherin 8, andEmx1distinguish ventral and lateral pallial histogenetic divisions in the developing mouse claustroamygdaloid complex. Journal of Comparative Neurology, 2004, 474, 504-523.	2.0	229
38	Expression of the genes Emx1, Tbr1, and Eomes (Tbr2) in the telencephalon of Xenopus laevis confirms the existence of a ventral pallial division in all tetrapods. Journal of Comparative Neurology, 2004, 474, 562-577.	2.0	149
39	Expression of the genes GAD67 and Distalâ€lessâ€4 in the forebrain of Xenopus laevis confirms a common pattern in tetrapods. Journal of Comparative Neurology, 2003, 461, 370-393.	2.0	152
40	Histogenetic divisions, developmental mechanisms, and cortical evolution. Behavioral and Brain Sciences, 2003, 26, 563-564.	0.7	1
41	Patch/matrix patterns of gray matter differentiation in the telencephalon of chicken and mouse. Brain Research Bulletin, 2002, 57, 489-493.	3.5	20
42	Field homology as a way to reconcile genetic and developmental variability with adult homology. Brain Research Bulletin, 2002, 57, 243-255.	3.5	132
43	The telencephalon of the frog Xenopus based on calretinin immunostaining and gene expression patterns. Brain Research Bulletin, 2002, 57, 381-384.	3.5	31
44	Organization of the mouse dorsal thalamus based on topology, calretinin immnunostaining, and gene expression. Brain Research Bulletin, 2002, 57, 439-442.	3.5	67
45	Cadherin expression by embryonic divisions and derived gray matter structures in the telencephalon of the chicken. Journal of Comparative Neurology, 2001, 438, 253-285.	2.0	102
46	Light and electron microscopic evidence for projections from the thalamic nucleus rotundus to targets in the basal ganglia, the dorsal ventricular ridge, and the amygdaloid complex in a lizard. Journal of Comparative Neurology, 2000, 424, 216-232.	2.0	71
47	Pathway tracing using biotinylated dextran amines. Journal of Neuroscience Methods, 2000, 103, 23-37.	2.2	324
48	Identification of the Anterior Nucleus of the Ansa Lenticularis in Birds as the Homolog of the Mammalian Subthalamic Nucleus. Journal of Neuroscience, 2000, 20, 6998-7010.	3.7	98
49	Nucleus accumbens in the lizardPsammodromus algirus: chemoarchitecture and cortical afferent connections. , 1999, 405, 15-31.		30
50	Structural and functional evolution of the basal ganglia in vertebrates. Brain Research Reviews, 1998, 28, 235-285.	6.1	370
51	Immunohistochemical localization of DARPP32 in striatal projection neurons and striatal interneurons in pigeons. Journal of Chemical Neuroanatomy, 1998, 16, 17-33.	2.0	57
52	Evidence for a possible avian dorsal thalamic region comparable to the mammalian ventral anterior, ventral lateral, and oral ventroposterolateral nuclei. , 1997, 384, 86-108.		70
53	Differential Abundance of Glutamate Transporter Subtypes in Amyotrophic Lateral Sclerosis (ALS)-Vulnerable versus ALS-Resistant Brain Stem Motor Cell Groups. Experimental Neurology, 1996, 142, 287-295.	4.1	39
54	Differential abundance of superoxide dismutase in interneurons versus projection neurons and in matrix versus striosome neurons in monkey striatum. Brain Research, 1996, 708, 59-70.	2.5	51

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55	Calretinin is largely localized to a unique population of striatal interneurons in rats. Brain Research, 1996, 709, 145-150.	2.5	53
56	Light and electron microscopic immunohistochemical study of dopaminergic terminals in the striatal portion of the pigeon basal ganglia using antisera against tyrosine hydroxylase and dopamine. , 1996, 369, 109-124.		27
57	An ultrastructural double-label immunohistochemical study of the enkephalinergic input to dopaminergic neurons of the substantia nigra in pigeons. Journal of Comparative Neurology, 1995, 357, 408-432.	2.0	18
58	The efferent connections of the nucleus accumbens in the lizard Gekko gecko. Anatomy and Embryology, 1995, 191, .	0.0	36
59	Brainstem motoneuron pools that are selectively resistant in amyotrophic lateral sclerosis are preferentially enriched in parvalbumin: Evidence from monkey brainstem for a calcium-mediated mechanism in sporadic ALS. Experimental Neurology, 1995, 131, 239-250.	4.1	107
60	Distribution of choline acetyltransferase immunoreactivity in the pigeon brain. Journal of Comparative Neurology, 1994, 342, 497-537.	2.0	203
61	Development of catecholamine systems in the brain of the lizard Gallotia galloti. Journal of Comparative Neurology, 1994, 350, 41-62.	2.0	55
62	Distribution of choline acetyltransferase immunoreactivity in the brain of the lizard Gallotia galloti. Journal of Comparative Neurology, 1993, 331, 261-285.	2.0	114
63	Distribution of neuropeptide Y-like immunoreactivity in the brain of the lizardGallotia galloti. Journal of Comparative Neurology, 1992, 319, 387-405.	2.0	63
64	Comparative aspects of the basal gangliaâ€tectal pathways in reptiles. Journal of Comparative Neurology, 1991, 308, 614-629.	2.0	58
65	Neuronal typology of the thalamic area triangularis ofGallotia galloti (reptilia, sauria). Journal of Morphology, 1990, 205, 113-121.	1.3	5