Luis Puelles

List of Publications by Year
in descending order

259 papers	19,923 citations	14614 66 h-index	14156 128 g-index
267 all docs	267 docs citations	267 times ranked	10402 citing authors

#	Article	IF	Citations
1	Change in the neurochemical signature and morphological development of the parvocellular isthmic projection to the avian tectum. Journal of Comparative Neurology, 2022, 530, 553-573.	0.9	0
2	Current Status of the Hypothesis of a Claustro-Insular Homolog in Sauropsids. Brain, Behavior and Evolution, 2022, 96, 212-241.	0.9	9
3	Is There a Prechordal Region and an Acroterminal Domain in Amphioxus?. Brain, Behavior and Evolution, 2022, 96, 334-352.	0.9	6
4	Prosomeric classification of retinorecipient centers: a new causal scenario. Brain Structure and Function, 2022, 227, 1171-1193.	1.2	8
5	Neurogenetic Heterochrony in Chick, Lizard, and Rat Mapped with Wholemount Acetylcholinesterase and the Prosomeric Model. Brain, Behavior and Evolution, 2022, 97, 48-82.	0.9	6
6	Single cell enhancer activity distinguishes GABAergic and cholinergic lineages in embryonic mouse basal ganglia. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2108760119.	3.3	15
7	Prosomeric Hypothalamic Distribution of Tyrosine Hydroxylase Positive Cells in Adolescent Rats. Frontiers in Neuroanatomy, 2022, 16, .	0.9	6
8	<scp>LacZâ€reporter mapping of</scp><i>Dlx5</i>/<i>6</i><scp>expression and genoarchitectural analysis of the postnatal mouse prethalamus</scp>. Journal of Comparative Neurology, 2021, 529, 367-420.	0.9	23
9	Salient brain entities labelled in P2rx7-EGFP reporter mouse embryos include the septum, roof plate glial specializations and circumventricular ependymal organs. Brain Structure and Function, 2021, 226, 715-741.	1.2	7
10	Development of the mouse anterior amygdalar radial unit marked by Lhx9-expression. Brain Structure and Function, 2021, 226, 575-600.	1.2	11
11	Sim1-expressing cells illuminate the origin and course of migration of the nucleus of the lateral olfactory tract in the mouse amygdala. Brain Structure and Function, 2021, 226, 519-562.	1.2	18
12	Quail-chick grafting experiments corroborate that Tbr1-positive eminential prethalamic neurons migrate along three streams into hypothalamus, subpallium and septocommissural areas. Brain Structure and Function, 2021, 226, 759-785.	1.2	6
13	Multiple Regionalized Genes and Their Putative Networks in the Interpeduncular Nucleus Suggest Complex Mechanisms of Neuron Development and Axon Guidance. Frontiers in Neuroanatomy, 2021, 15, 643320.	0.9	4
14	Tangential Intrahypothalamic Migration of the Mouse Ventral Premamillary Nucleus and Fgf8 Signaling. Frontiers in Cell and Developmental Biology, 2021, 9, 676121.	1.8	6
15	Molecular Segmentation of the Spinal Trigeminal Nucleus in the Adult Mouse Brain. Frontiers in Neuroanatomy, 2021, 15, 785840.	0.9	2
16	Recollections on the Origins and Development of the Prosomeric Model. Frontiers in Neuroanatomy, 2021, 15, 787913.	0.9	15
17	Longitudinal developmental analysis of prethalamic eminence derivatives in the chick by mapping of Tbr1 in situ expression. Brain Structure and Function, 2020, 225, 481-510.	1.2	16
18	Histogenetic Radial Models as Aids to Understanding Complex Brain Structures: The Amygdalar Radial Model as a Recent Example. Frontiers in Neuroanatomy, 2020, 14, 590011.	0.9	12

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19	Developmental Genes and Malformations in the Hypothalamus. Frontiers in Neuroanatomy, 2020, 14, 607111.	0.9	21
20	A radial histogenetic model of the mouse pallial amygdala. Brain Structure and Function, 2020, 225, 1921-1956.	1.2	20
21	Netrin-1/DCC Signaling Differentially Regulates the Migration of Pax7, Nkx6.1, Irx2, Otp, and Otx2 Cell Populations in the Developing Interpeduncular Nucleus. Frontiers in Cell and Developmental Biology, 2020, 8, 588851.	1.8	2
22	In search of common developmental and evolutionary origin of the claustrum and subplate. Journal of Comparative Neurology, 2020, 528, 2956-2977.	0.9	51
23	Origin of acousticâ€“vestibular ganglionic neuroblasts in chick embryos and their sensory connections. Brain Structure and Function, 2019, 224, 2757-2774.	1.2	3
24	Patterned Vascularization of Embryonic Mouse Forebrain, and Neuromeric Topology of Major Human Subarachnoidal Arterial Branches: A Prosomeric Mapping. Frontiers in Neuroanatomy, 2019, 13, 59.	0.9	24
25	Editorial: Recent Developments in Neuroanatomical Terminology. Frontiers in Neuroanatomy, 2019, 13, 80.	0.9	3
26	Survey of Midbrain, Diencephalon, and Hypothalamus Neuroanatomic Terms Whose Prosomeric Definition Conflicts With Columnar Tradition. Frontiers in Neuroanatomy, 2019, 13, 20.	0.9	59
27	A Re-evaluation of the Anatomy of the Claustrum in Rodents and Primatesâ€"Analyzing the Effect of Pallial Expansion. Frontiers in Neuroanatomy, 2019, 13, 34.	0.9	35
28	Concentric ring topology of mammalian cortical sectors and relevance for patterning studies. Journal of Comparative Neurology, 2019, 527, 1731-1752.	0.9	54
29	Lessons from Amphioxus Bauplan About Origin of Cranial Nerves of Vertebrates That Innervates Extrinsic Eye Muscles. Anatomical Record, 2019, 302, 452-462.	0.8	8
30	The Postmigratory Alar Topography of Visceral Cranial Nerve Efferents Challenges the Classical Model of Hindbrain Columns. Anatomical Record, 2019, 302, 485-504.	0.8	13
31	Segmental Analysis of the Vestibular Nerve and the Efferents of the Vestibular Complex. Anatomical Record, 2019, 302, 472-484.	0.8	9
32	Time for Radical Changes in Brain Stem Nomenclatureâ€"Applying the Lessons From Developmental Gene Patterns. Frontiers in Neuroanatomy, 2019, 13, 10.	0.9	53
33	An exercise in brain genoarchitectonics: Analysis of AZIN2â€Lacz expressing neuronal populations in the mouse hindbrain. Journal of Neuroscience Research, 2018, 96, 1490-1517.	1.3	12
34	Developmental studies of avian brain organization. International Journal of Developmental Biology, 2018, 62, 207-224.	0.3	33
35	Fgf3 and Fgf16 expression patterns define spatial and temporal domains in the developing chick inner ear. Brain Structure and Function, 2017, 222, 131-149.	1.2	14
36	Developmental gene expression in the mouse clarifies the organization of the claustrum and related endopiriform nuclei. Journal of Comparative Neurology, 2017, 525, 1499-1508.	0.9	74

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37	Gene expression analysis of developing cell groups in the pretectal region of Xenopus laevis. Journal of Comparative Neurology, 2017, 525, spc1-spc1.	0.9	0
38	Nuclear derivatives and axonal projections originating from rhombomere 4 in the mouse hindbrain. Brain Structure and Function, 2017, 222, 3509-3542.	1.2	27
39	Mouse <i>Fgf8</i>â€Creâ€LacZ lineage analysis defines the territory of the postnatal mammalian isthmus. Journal of Comparative Neurology, 2017, 525, 2782-2799.	0.9	50
40	Comments on the Updated Tetrapartite Pallium Model in the Mouse and Chick, Featuring a Homologous Claustro-Insular Complex. Brain, Behavior and Evolution, 2017, 90, 171-189.	0.9	55
41	Towards a Terminologia Neuroanatomica. Clinical Anatomy, 2017, 30, 145-155.	1.5	55
42	Expression patterns of Irx genes in the developing chick inner ear. Brain Structure and Function, 2017, 222, 2071-2092.	1.2	15
43	Gene expression analysis of developing cell groups in the pretectal region of <i>Xenopus laevis</i>. Journal of Comparative Neurology, 2017, 525, 715-752.	0.9	19
44	Molecular regionalization of the developing amphioxus neural tube challenges major partitions of the vertebrate brain. PLoS Biology, 2017, 15, e2001573.	2.6	96
45	Selective early expression of the orphan nuclear receptor <i>Nr4a2</i> identifies the claustrum homolog in the avian mesopallium: Impact on sauropsidian/mammalian pallium comparisons. Journal of Comparative Neurology, 2016, 524, 665-703.	0.9	80
46	Subpallial Enhancer Transgenic Lines: a Data and Tool Resource to Study Transcriptional Regulation of GABAergic Cell Fate. Neuron, 2016, 92, 59-74.	3.8	62
47	Crypto-rhombomeres of the mouse medulla oblongata, defined by molecular and morphological features. Brain Structure and Function, 2016, 221, 815-838.	1.2	61
48	Molecular anatomy of the thalamic complex and the underlying transcription factors. Brain Structure and Function, 2016, 221, 2493-2510.	1.2	56
49	Radial derivatives of the mouse ventral pallium traced with Dbx1-LacZ reporters. Journal of Chemical Neuroanatomy, 2016, 75, 2-19.	1.0	47
50	Towards a New Neuromorphology. , 2016, , .		55
51	Radial and tangential migration of telencephalic somatostatin neurons originated from the mouse diagonal area. Brain Structure and Function, 2016, 221, 3027-3065.	1.2	42
52	Comments on the limits and internal structure of the mammalian midbrain. Anatomy, 2016, 10, 60-70.	0.2	15
53	Origin and early development of the chicken adenohypophysis. Frontiers in Neuroanatomy, 2015, 9, 7.	0.9	17
54	A new scenario of hypothalamic organization: rationale of new hypotheses introduced in the updated prosomeric model. Frontiers in Neuroanatomy, 2015, 9, 27.	0.9	165

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55	Differential requirements for Gli2 and Gli3 in the regional specification of the mouse hypothalamus. Frontiers in Neuroanatomy, 2015, 9, 34.	0.9	18
56	Molecular codes defining rostrocaudal domains in the embryonic mouse hypothalamus. Frontiers in Neuroanatomy, 2015, 9, 46.	0.9	79
57	Editorial: Development of the hypothalamus. Frontiers in Neuroanatomy, 2015, 9, 83.	0.9	10
58	Gene Maps and Related Histogenetic Domains in the Forebrain and Midbrain. , 2015, , 3-24.		11
59	Neuromeric Landmarks in the Rat Midbrain, Diencephalon and Hypothalamus, Compared with Acetylcholinesterase Histochemistry. , 2015, , 25-43.		2
60	Exploring Brain Genoarchitecture by Single and Double Chromogenic In Situ Hybridization (ISH) and Immunohistochemistry (IHC) in Whole-Mount Embryos. Neuromethods, 2015, , 61-82.	0.2	7
61	Exploring Brain Genoarchitecture by Single and Double Chromogenic In Situ Hybridization (ISH) and Immunohistochemistry (IHC) on Cryostat, Paraffin, or Floating Sections. Neuromethods, 2015, , 83-107.	0.2	20
62	Development and Evolution of the Claustrum. , 2014, , 119-176.		38
63	Transcriptional Regulation of Enhancers Active in Protodomains of the Developing Cerebral Cortex. Neuron, 2014, 82, 989-1003.	3.8	99
64	Regionalized differentiation of CRH, TRH, and GHRH peptidergic neurons in the mouse hypothalamus. Brain Structure and Function, 2014, 219, 1083-1111.	1.2	41
65	Role of Shh in the development of molecularly characterized tegmental nuclei in mouse rhombomere 1. Brain Structure and Function, 2014, 219, 777-792.	1.2	37
66	Fate map of the chicken otic placode. Development (Cambridge), 2014, 141, 2302-2312.	1.2	13
67	A High-Resolution Spatiotemporal Atlas of Gene Expression of the Developing Mouse Brain. Neuron, 2014, 83, 309-323.	3.8	246
68	Ontogenesis of peptidergic neurons within the genoarchitectonic map of the mouse hypothalamus. Frontiers in Neuroanatomy, 2014, 8, 162.	0.9	45
69	A developmental ontology for the mammalian brain based on the prosomeric model. Trends in Neurosciences, 2013, 36, 570-578.	4.2	229
70	<i>Fgf10</i> expression patterns in the developing chick inner ear. Journal of Comparative Neurology, 2013, 521, 1136-1164.	0.9	18
71	Development of the serotonergic cells in murine raphe nuclei and their relations with rhombomeric domains. Brain Structure and Function, 2013, 218, 1229-1277.	1.2	101
72	Assembly of the Auditory Circuitry by a Hox Genetic Network in the Mouse Brainstem. PLoS Genetics, 2013, 9, e1003249.	1.5	87

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73	Evolutionarily conserved A-to-I editing increases protein stability of the alternative splicing factor<i>Nova1</i>. RNA Biology, 2012, 9, 12-21.	1.5	40
74	Sharpening of the anterior neural border in the chick by rostral endoderm signalling. Development (Cambridge), 2012, 139, 1034-1044.	1.2	27
75	Origin and plasticity of the subdivisions of the inferior olivary complex. Developmental Biology, 2012, 371, 215-226.	0.9	14
76	Dynamic mRNA distribution pattern of thyroid hormone transporters and deiodinases during early embryonic chicken brain development. Neuroscience, 2012, 221, 69-85.	1.1	34
77	Diencephalon. , 2012, , 313-336.		35
78	Midbrain. , 2012, , 337-359.		30
79	Molecular Regionalization of the Developing Neural Tube. , 2012, , 2-18.		26
80	Hypothalamus. , 2012, , 221-312.		93
81	Adaptive Function and Brain Evolution. Frontiers in Neuroanatomy, 2012, 6, 17.	0.9	4
82	Concept of neural genoarchitecture and its genomic fundament. Frontiers in Neuroanatomy, 2012, 6, 47.	0.9	82
83	Multiple origins, migratory paths and molecular profiles of cells populating the avian interpeduncular nucleus. Developmental Biology, 2012, 361, 12-26.	0.9	40
84	A novel <i>TaulacZ</i> allele reveals a requirement for <i>Pitx2</i> in formation of the mammillothalamic tract. Genesis, 2012, 50, 67-73.	0.8	17
85	In silico identification of new candidate genes for hereditary congenital facial paresis. International Journal of Developmental Neuroscience, 2011, 29, 451-460.	0.7	6
86	Distal-less-like protein distribution in the larval lamprey forebrain. Neuroscience, 2011, 178, 270-284.	1.1	47
87	Topography of somatostatin gene expression relative to molecular progenitor domains during ontogeny of the mouse hypothalamus. Frontiers in Neuroanatomy, 2011, 5, 10.	0.9	87
88	Comparison of Pretectal Genoarchitectonic Pattern between Quail and Chicken Embryos. Frontiers in Neuroanatomy, 2011, 5, 23.	0.9	29
89	Contrasting 5' and 3' Evolutionary Histories and Frequent Evolutionary Convergence in Meis/hth Gene Structures. Genome Biology and Evolution, 2011, 3, 551-564.	1.1	16
90	<i>Meis</i> gene expression patterns in the developing chicken inner ear. Journal of Comparative Neurology, 2011, 519, 125-147.	0.9	27

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91	Embryonic genoarchitecture of the pretectum in Xenopus laevis: A conserved pattern in tetrapods. Journal of Comparative Neurology, 2011, 519, 1024-1050.	0.9	47
92	Distinct and redundant expression and transcriptional diversity of <i>MEIS</i> gene paralogs during chicken development. Developmental Dynamics, 2011, 240, 1475-1492.	0.8	21
93	Pallio-Pallial Tangential Migrations and Growth Signaling: New Scenario for Cortical Evolution?. Brain, Behavior and Evolution, 2011, 78, 108-127.	0.9	61
94	Digital Atlasing and Standardization in the Mouse Brain. PLoS Computational Biology, 2011, 7, e1001065.	1.5	109
95	Cerebrospinal fluid alterations of the serotonin product, 5â€hydroxyindolacetic acid, in neurological disorders. Journal of Inherited Metabolic Disease, 2010, 33, 803-809.	1.7	34
96	The HUDSEN Atlas: a threeâ€dimensional (3D) spatial framework for studying gene expression in the developing human brain. Journal of Anatomy, 2010, 217, 289-299.	0.9	40
97	Ontogenetic expression of Sonic Hedgehog in the chicken subpallium. Frontiers in Neuroanatomy, 2010, 4, .	0.9	27
98	Contributions to Neuroembryology of Santiago Ramon y Cajal (1852-1934) and Jorge F. Tello (1880-1958). International Journal of Developmental Biology, 2009, 53, 1145-1160.	0.3	16
99	The INCF Digital Atlasing Program: Report on Digital Atlasing Standards in the Rodent Brain. Nature Precedings, 2009, , .	0.1	7
100	New and Old Thoughts on the Segmental Organization of the Forebrain in Lampreys. Brain, Behavior and Evolution, 2009, 74, 7-19.	0.9	70
101	<i>Raldh3</i> gene expression pattern in the developing chicken inner ear. Journal of Comparative Neurology, 2009, 514, 49-65.	0.9	15
102	Genoarchitectonic profile of developing nuclear groups in the chicken pretectum. Journal of Comparative Neurology, 2009, 517, 405-451.	0.9	74
103	<i>Enc1</i> expression in the chick telencephalon at intermediate and late stages of development. Journal of Comparative Neurology, 2009, 517, 564-580.	0.9	17
104	An anatomic gene expression atlas of the adult mouse brain. Nature Neuroscience, 2009, 12, 356-362.	7.1	264
105	Expression of antizyme inhibitor 2 in male haploid germinal cells suggests a role in spermiogenesis. International Journal of Biochemistry and Cell Biology, 2009, 41, 1070-1078.	1.2	22
106	Incipient forebrain boundaries traced by differential gene expression and fate mapping in the chick neural plate. Developmental Biology, 2009, 335, 43-65.	0.9	55
107	Histogenetic compartments of the mouse centromedial and extended amygdala based on gene expression patterns during development. Journal of Comparative Neurology, 2008, 506, 46-74.	0.9	180
108	Comparative functional analysis provides evidence for a crucial role for the homeobox gene <i>Nkx2.1</i>/<i>Titfâ€1</i> in forebrain evolution. Journal of Comparative Neurology, 2008, 506, 211-223.	0.9	44

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109	Early mammillary pouch specification in the course of prechordal ventralization of the forebrain tegmentum. Developmental Biology, 2008, 320, 366-377.	0.9	39
110	Hox gene colinear expression in the avian medulla oblongata is correlated with pseudorhombomeric domains. Developmental Biology, 2008, 323, 230-247.	0.9	63
111	Conserved pattern of OTP-positive cells in the paraventricular nucleus and other hypothalamic sites of tetrapods. Brain Research Bulletin, 2008, 75, 231-235.	1.4	86
112	Early pretectal gene expression pattern shows a conserved anteroposterior tripartition in mouse and chicken. Brain Research Bulletin, 2008, 75, 295-298.	1.4	65
113	Quantitative analysis of neural plate thickness and cell density during gastrulation in the chick embryo. Brain Research Bulletin, 2008, 75, 310-313.	1.4	0
114	Delineation of Multiple Subpallial Progenitor Domains by the Combinatorial Expression of Transcriptional Codes. Journal of Neuroscience, 2007, 27, 9682-9695.	1.7	504
115	A model of early molecular regionalization in the chicken embryonic pretectum. Journal of Comparative Neurology, 2007, 505, 379-403.	0.9	80
116	EphA7 receptor is expressed differentially at chicken prosomeric boundaries. Neuroscience, 2006, 141, 1887-1897.	1.1	11
117	Verapamil prevents, in a dose-dependent way, the loss of ChAT-immunoreactive neurons in the cerebral cortex following lesions of the rat nucleus basalis magnocellularis. Experimental Brain Research, 2006, 170, 368-375.	0.7	9
118	Expression of Lrrn1 marks the prospective site of the zona limitans thalami in the early embryonic chicken diencephalon. Gene Expression Patterns, 2006, 6, 879-885.	0.3	15
119	Locus coeruleus neurons originate in alar rhombomere 1 and migrate into the basal plate: Studies in chick and mouse embryos. Journal of Comparative Neurology, 2006, 496, 802-818.	0.9	62
120	Chicken lateral septal organ and other circumventricular organs form in a striatal subdomain abutting the molecular striatopallidal border. Journal of Comparative Neurology, 2006, 499, 745-767.	0.9	29
121	A distinct preisthmic histogenetic domain is defined by overlap ofOtx2andPax2gene expression in the avian caudal midbrain. Journal of Comparative Neurology, 2005, 483, 17-29.	0.9	43
122	Ontogeny of tyrosine hydroxylase mRNA expression in mid- and forebrain: Neuromeric pattern and novel positive regions. Developmental Dynamics, 2005, 234, 709-717.	0.8	76
123	Morphological and molecular analysis of the early developing chick requires an expanded series of primitive streak stages. Journal of Morphology, 2005, 264, 105-116.	0.6	23
124	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.	1.4	36
125	Introduction to the Proceedings of the Fourth European Conference on Comparative Neurobiology: Evolution and Development of Nervous Systems. Brain Research Bulletin, 2005, 66, 269.	1.4	0
126	Pallial expression of Enc1 RNA in postnatal mouse telencephalon. Brain Research Bulletin, 2005, 66, 445-448.	1.4	9

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127	3D modelling, gene expression mapping and post-mapping image analysis in the developing human brain. Brain Research Bulletin, 2005, 66, 449-453.	1.4	26
128	Postulated boundaries and differential fate in the developing rostral hindbrain. Brain Research Reviews, 2005, 49, 179-190.	9.1	80
129	Agreement and disagreement among fate maps of the chick neural plate. Brain Research Reviews, 2005, 49, 191-201.	9.1	10
130	Correlation of a chicken stage 4 neural plate fate map with early gene expression patterns. Brain Research Reviews, 2005, 49, 167-178.	9.1	23
131	Anatomical and gene expression mapping of the ventral pallium in a three-dimensional model of developing human brain. Neuroscience, 2005, 136, 625-632.	1.1	36
132	Gene Maps and Related Histogenetic Domains in the Forebrain and Midbrain. , 2004, , 3-25.		38
133	3 dimensional modelling of early human brain development using optical projection tomography. BMC Neuroscience, 2004, 5, 27.	0.8	69
134	OL-protocadherin expression in the visual system of the chicken embryo. Journal of Comparative Neurology, 2004, 470, 240-255.	0.9	25
135	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.	0.9	221
136	Expression of the genesEmx1,Tbr1, andEomes (Tbr2) in the telencephalon ofXenopus laevis confirms the existence of a ventral pallial division in all tetrapods. Journal of Comparative Neurology, 2004, 474, 562-577.	0.9	145
137	In vivo characterization of the Nkx2.1 promoter/enhancer elements in transgenic mice. Gene, 2004, 331, 73-82.	1.0	17
138	Molecular profiling indicates avian branchiomotor nuclei invade the hindbrain alar plate. Neuroscience, 2004, 128, 785-796.	1.1	49
139	Multiple binge alcohol consumption during rat adolescence increases anxiety but does not impair retention in the passive avoidance task. Neuroscience Letters, 2004, 357, 79-82.	1.0	22
140	Neuronal differentiation patterns in the optic tectum of the lizard Gallotia galloti. Brain Research, 2003, 975, 48-65.	1.1	12
141	The relationship between hodological and cytoarchitectonic organization in the vestibular complex of the 11-day chicken embryo. Journal of Comparative Neurology, 2003, 457, 87-105.	0.9	45
142	Expression of the genesGAD67 andDistal-less-4 in the forebrain ofXenopus laevis confirms a common pattern in tetrapods. Journal of Comparative Neurology, 2003, 461, 370-393.	0.9	150
143	Plurisegmental vestibulocerebellar projections and other hindbrain cerebellar afferents in midterm chick embryos: biotinylated dextranamine experiments in vitro. Neuroscience, 2003, 117, 71-82.	1.1	17
144	Forebrain gene expression domains and the evolving prosomeric model. Trends in Neurosciences, 2003, 26, 469-476.	4.2	679

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145	Six3 repression of Wnt signaling in the anterior neuroectoderm is essential for vertebrate forebrain development. Genes and Development, 2003, 17, 368-379.	2.7	437
146	Expression from a Dlx Gene Enhancer Marks Adult Mouse Cortical GABAergic Neurons. Cerebral Cortex, 2002, 12, 75-85.	1.6	172
147	Expression patterns of Wnt8b and Wnt7b in the chicken embryonic brain suggest a correlation with forebrain patterning centers and morphogenesis. Neuroscience, 2002, 113, 689-698.	1.1	91
148	Patch/matrix patterns of gray matter differentiation in the telencephalon of chicken and mouse. Brain Research Bulletin, 2002, 57, 489-493.	1.4	20
149	Field homology as a way to reconcile genetic and developmental variability with adult homology. Brain Research Bulletin, 2002, 57, 243-255.	1.4	125
150	The telencephalon of the frog Xenopus based on calretinin immunostaining and gene expression patterns. Brain Research Bulletin, 2002, 57, 381-384.	1.4	30
151	A neural plate fate map at stage HH4 in the chick: methodology and preliminary data. Brain Research Bulletin, 2002, 57, 293-295.	1.4	12
152	Organization of the mouse dorsal thalamus based on topology, calretinin immnunostaining, and gene expression. Brain Research Bulletin, 2002, 57, 439-442.	1.4	66
153	Gbx2 expression in the late embryonic chick dorsal thalamus. Brain Research Bulletin, 2002, 57, 435-438.	1.4	58
154	The avian griseum tectale: cytoarchitecture, NOS expression and neurogenesis. Brain Research Bulletin, 2002, 57, 353-357.	1.4	26
155	Mesencephalic and diencephalic afferent connections to the thalamic nucleus rotundus in the lizard,Psammodromus algirus. European Journal of Neuroscience, 2002, 16, 267-282.	1.2	27
156	Forebrain. , 2002, , 299-315.		10
157	Fate map of the chicken neural plate at stage 4. Development (Cambridge), 2002, 129, 2807-2822.	1.2	83
158	Patterning of the basal telencephalon and hypothalamus is essential for guidance of cortical projections. Development (Cambridge), 2002, 129, 761-773.	1.2	124
159	Cortical Excitatory Neurons and Glia, But Not GABAergic Neurons, Are Produced in the Emx1-Expressing Lineage. Journal of Neuroscience, 2002, 22, 6309-6314.	1.7	1,173
160	Patterning of the basal telencephalon and hypothalamus is essential for guidance of cortical projections. Development (Cambridge), 2002, 129, 761-73.	1.2	51
161	Fate map of the chicken neural plate at stage 4. Development (Cambridge), 2002, 129, 2807-22.	1.2	19
162	The Avian Telencephalic Subpallium Originates Inhibitory Neurons That Invade Tangentially the Pallium (Dorsal Ventricular Ridge and Cortical Areas). Developmental Biology, 2001, 239, 30-45.	0.9	166

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163	Fate Map of the Avian Anterior Forebrain at the Four-Somite Stage, Based on the Analysis of Quailâ€"Chick Chimeras. Developmental Biology, 2001, 239, 46-67.	0.9	168
164	Chicken Nkx6.1 expression at advanced stages of development identifies distinct brain nuclei derived from the basal plate. Mechanisms of Development, 2001, 102, 279-282.	1.7	26
165	Brain segmentation and forebrain development in amniotes. Brain Research Bulletin, 2001, 55, 695-710.	1.4	145
166	Structure of longitudinal brain zones that provide the origin for the substantia nigra and ventral tegmental area in human embryos, as revealed by cytoarchitecture and tyrosine hydroxylase, calretinin, calbindin, and GABA immunoreactions. Journal of Comparative Neurology, 2001, 429, 22-44.	0.9	59
167	NADPH-diaphorase activity in the frontal cortex of NBM-lesioned rats treated with verapamil. Neuroscience Research Communications, 2001, 28, 115-122.	0.2	4
168	Cadherin expression by embryonic divisions and derived gray matter structures in the telencephalon of the chicken. Journal of Comparative Neurology, 2001, 438, 253-285.	0.9	100
169	Modularity in vertebrate brain development and evolution. BioEssays, 2001, 23, 1100-1111.	1.2	98
170	Thoughts on the development, structure and evolution of the mammalian and avian telencephalic pallium. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1583-1598.	1.8	168
171	Patterns of calretinin, calbindin, and tyrosine-hydroxylase expression are consistent with the prosomeric map of the frog diencephalon. , 2000, 419, 96-121.		82
172	Formation of cadherin-expressing brain nuclei in diencephalic alar plate divisions. , 2000, 421, 461-480.		69
173	Morphologic fate of diencephalic prosomeres and their subdivisions revealed by mapping cadherin expression. , 2000, 421, 481-514.		106
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