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List of Publications by Year
in descending order

Version: 2024-02-01

60 papers	1,768 citations	257450 24 h-index	302126 39 g-index
65 all docs	65 docs citations	65 times ranked	1764 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.	1.6	0
2	Is There a Prechordal Region and an Acroterminal Domain in Amphioxus?. Brain, Behavior and Evolution, 2022, 96, 334-352.	1.7	6
3	Genoarchitecture of the Early Postmitotic Pretectum and the Role of Wnt Signaling in Shaping Pretectal Neurochemical Anatomy in Zebrafish. Frontiers in Neuroanatomy, 2022, 16, 838567.	1.7	4
4	Prosomeric Hypothalamic Distribution of Tyrosine Hydroxylase Positive Cells in Adolescent Rats. Frontiers in Neuroanatomy, 2022, 16, .	1.7	6
5	Expression Pattern of nos1 in the Developing Nervous System of Ray-Finned Fish. Genes, 2022, 13, 918.	2.4	4
6	<scp>LacZâ€reporter mapping of</scp>Dlx5/6<scp>expression and genoarchitectural analysis of the postnatal mouse prethalamus</scp>. Journal of Comparative Neurology, 2021, 529, 367-420.	1.6	23
7	A Handful of Details to Ensure the Experimental Reproducibility on the FORCED Running Wheel in Rodents: A Systematic Review. Frontiers in Endocrinology, 2021, 12, 638261.	3.5	6
8	Sex-dependent effects of forced exercise in the body composition of adolescent rats. Scientific Reports, 2021, 11, 10154.	3.3	4
9	Dopaminergic Modulation of Forced Running Performance in Adolescent Rats: Role of Striatal D1 and Extra-striatal D2 Dopamine Receptors. Molecular Neurobiology, 2021, 58, 1782-1791.	4.0	9
10	AnÃ¡lisis del movimiento durante la escalada como estrategia para el aprendizaje de la anatomÃa del aparato locomotor en Ciencias del Deporte. Espiral Cuadernos Del Profesorado, 2021, 14, .	0.8	2
11	Aprendizaje y evaluaciÃ³n de contenidos de anatomÃa humana en Ciencias del Deporte mediante vÃdeos de Surf. Espiral Cuadernos Del Profesorado, 2021, 15, .	0.8	2
12	SAT-596 POMC Expression in GABAergic Neurons Suppresses NPY Overexpression and Restores Food Intake in Obese Mice. Journal of the Endocrine Society, 2020, 4, .	0.2	0
13	TCF7L2 regulates postmitotic differentiation programs and excitability patterns in the thalamus. Development (Cambridge), 2020, 147, .	2.5	16
14	Characterization of an eutherian gene cluster generated after transposon domestication identifies Bex3 as relevant for advanced neurological functions. Genome Biology, 2020, 21, 267.	8.8	10
15	Hypothalamic Crh/Avp, Plasmatic Glucose and Lactate Remain Unchanged During Habituation to Forced Exercise. Frontiers in Physiology, 2020, 11, 410.	2.8	5
16	In search of common developmental and evolutionary origin of the claustrum and subplate. Journal of Comparative Neurology, 2020, 528, 2956-2977.	1.6	51
17	Hypothalamic Pomc expression restricted to GABAergic neurons suppresses Npy overexpression and restores food intake in obese mice. Molecular Metabolism, 2020, 37, 100985.	6.5	18
18	Patterned Vascularization of Embryonic Mouse Forebrain, and Neuromeric Topology of Major Human Subarachnoidal Arterial Branches: A Prosomeric Mapping. Frontiers in Neuroanatomy, 2019, 13, 59.	1.7	24

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19	Lessons from Amphioxus Bauplan About Origin of Cranial Nerves of Vertebrates That Innervates Extrinsic Eye Muscles. Anatomical Record, 2019, 302, 452-462.	1.4	8
20	Gene expression analysis of developing cell groups in the pretectal region of Xenopus laevis. Journal of Comparative Neurology, 2017, 525, spc1-spc1.	1.6	0
21	Gene expression analysis of developing cell groups in the pretectal region of Xenopus laevis. Journal of Comparative Neurology, 2017, 525, 715-752.	1.6	19
22	Habituation Training Improves Locomotor Performance in a Forced Running Wheel System in Rats. Frontiers in Behavioral Neuroscience, 2017, 11, 42.	2.0	14
23	The Pallium in Reptiles and Birds in the Light of the Updated Tetrapartite Pallium Model. , 2017, , 519-555.		42
24	Molecular regionalization of the developing amphioxus neural tube challenges major partitions of the vertebrate brain. PLoS Biology, 2017, 15, e2001573.	5.6	96
25	Selective early expression of the orphan nuclear receptor Nr4a2 identifies the claustrum homolog in the avian mesopallium: Impact on sauropsidian/mammalian pallium comparisons. Journal of Comparative Neurology, 2016, 524, 665-703.	1.6	80
26	Subpallial Enhancer Transgenic Lines: a Data and Tool Resource to Study Transcriptional Regulation of GABAergic Cell Fate. Neuron, 2016, 92, 59-74.	8.1	62
27	Radial and tangential migration of telencephalic somatostatin neurons originated from the mouse diagonal area. Brain Structure and Function, 2016, 221, 3027-3065.	2.3	42
28	Architect genes of the brain: A look at brain evolution through genoarchitecture. Metode, 2016, .	0.1	1
29	Origin and early development of the chicken adenohypophysis. Frontiers in Neuroanatomy, 2015, 9, 7.	1.7	17
30	Molecular codes defining rostrocaudal domains in the embryonic mouse hypothalamus. Frontiers in Neuroanatomy, 2015, 9, 46.	1.7	79
31	Exploring Brain Genoarchitecture by Single and Double Chromogenic In Situ Hybridization (ISH) and Immunohistochemistry (IHC) in Whole-Mount Embryos. Neuromethods, 2015, , 61-82.	0.3	7
32	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.	0.3	20
33	Regionalized differentiation of CRH, TRH, and GHRH peptidergic neurons in the mouse hypothalamus. Brain Structure and Function, 2014, 219, 1083-1111.	2.3	41
34	Postnatal isoform switch and protein localization of LEF1 and TCF7L2 transcription factors in cortical, thalamic, and mesencephalic regions of the adult mouse brain. Brain Structure and Function, 2013, 218, 1531-1549.	2.3	44
35	Development of the serotonergic cells in murine raphe nuclei and their relations with rhombomeric domains. Brain Structure and Function, 2013, 218, 1229-1277.	2.3	101
36	Evolutionarily conserved A-to-I editing increases protein stability of the alternative splicing factorNova1. RNA Biology, 2012, 9, 12-21.	3.1	40

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37	Dynamic mRNA distribution pattern of thyroid hormone transporters and deiodinases during early embryonic chicken brain development. Neuroscience, 2012, 221, 69-85.	2.3	34
38	Diencephalon. , 2012, , 313-336.		35
39	Concept of neural genoarchitecture and its genomic fundament. Frontiers in Neuroanatomy, 2012, 6, 47.	1.7	82
40	Multiple origins, migratory paths and molecular profiles of cells populating the avian interpeduncular nucleus. Developmental Biology, 2012, 361, 12-26.	2.0	40
41	Topography of somatostatin gene expression relative to molecular progenitor domains during ontogeny of the mouse hypothalamus. Frontiers in Neuroanatomy, 2011, 5, 10.	1.7	87
42	Comparison of Pretectal Genoarchitectonic Pattern between Quail and Chicken Embryos. Frontiers in Neuroanatomy, 2011, 5, 23.	1.7	29
43	Contrasting 5' and 3' Evolutionary Histories and Frequent Evolutionary Convergence in Meis/hth Gene Structures. Genome Biology and Evolution, 2011, 3, 551-564.	2.5	16
44	Meis gene expression patterns in the developing chicken inner ear. Journal of Comparative Neurology, 2011, 519, 125-147.	1.6	27
45	Embryonic genoarchitecture of the pretectum in Xenopus laevis: A conserved pattern in tetrapods. Journal of Comparative Neurology, 2011, 519, 1024-1050.	1.6	47
46	Distinct and redundant expression and transcriptional diversity of MEIS gene paralogs during chicken development. Developmental Dynamics, 2011, 240, 1475-1492.	1.8	21
47	Ontogenetic expression of Sonic Hedgehog in the chicken subpallium. Frontiers in Neuroanatomy, 2010, 4, .	1.7	27
48	Raldh3 gene expression pattern in the developing chicken inner ear. Journal of Comparative Neurology, 2009, 514, 49-65.	1.6	15
49	Genoarchitectonic profile of developing nuclear groups in the chicken pretectum. Journal of Comparative Neurology, 2009, 517, 405-451.	1.6	74
50	Incipient forebrain boundaries traced by differential gene expression and fate mapping in the chick neural plate. Developmental Biology, 2009, 335, 43-65.	2.0	55
51	03-P095 Fate and molecular mapping of the telencephalic domain in the chick neural plate. Mechanisms of Development, 2009, 126, S94-S95.	1.7	0
52	03-P108 Role of highly-conserved non-coding DNA regions as regulatory modules controlling the expression of Msx1 in the chicken pretectum. Mechanisms of Development, 2009, 126, S99.	1.7	0
53	Early pretectal gene expression pattern shows a conserved anteroposterior tripartition in mouse and chicken. Brain Research Bulletin, 2008, 75, 295-298.	3.0	65
54	A model of early molecular regionalization in the chicken embryonic pretectum. Journal of Comparative Neurology, 2007, 505, 379-403.	1.6	80

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55	Developmental pattern of NADPH-diaphorase positive neurons in chick optic tectum is sensitive to changes in visual stimulation. Journal of Comparative Neurology, 2006, 494, 1007-1030.	1.6	13
56	Anatomical and gene expression mapping of the ventral pallium in a three-dimensional model of developing human brain. Neuroscience, 2005, 136, 625-632.	2.3	36
57	3 dimensional modelling of early human brain development using optical projection tomography. BMC Neuroscience, 2004, 5, 27.	1.9	69
58	Developmental changes in the spatial pattern of mesencephalic trigeminal nucleus (Mes5) neuron populations in the developing chick optic tectum. Journal of Comparative Neurology, 2002, 448, 337-348.	1.6	6
59	Developmental pattern of plasminogen activator activity in chick brain hemispheres. Neurochemical Research, 1998, 23, 1185-1190.	3.3	0
60	Developmental pattern of plasminogen activator activity in chick optic lobe. International Journal of Developmental Neuroscience, 1997, 15, 805-812.	1.6	4