Salvador Martinez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6855156/publications.pdf

Version: 2024-02-01

232 papers	15,806 citations	14614 66 h-index	19136 118 g-index
242 all docs	242 docs citations	242 times ranked	13960 citing authors

#	Article	IF	Citations
1	Childhood adversities and suicidal behavior in the general population. The cross-sectional PEGASUS-Murcia Project. Revista De PsiquiatrÃa Y Salud Mental, 2024, 17, 11-18.	1.0	3
2	Shock wave and mesenchymal stem cells as treatment in the acute phase of spinal cord injury: A pilot study. Rehabilitacion, 2022, 56, 1-10.	0.2	1
3	Regenerative Neurology and Regenerative Cardiology: Shared Hurdles and Achievements. International Journal of Molecular Sciences, 2022, 23, 855.	1.8	6
4	Properties of the epileptiform activity in the cingulate cortex of a mouse model of LIS1 dysfunction. Brain Structure and Function, 2022, 227, 1599-1614.	1.2	2
5	Glass-ceramic crystallization from tailings of the Morille tungsten deposit, Spain. Materials Letters, 2022, 312, 131694.	1.3	3
6	Gli2-Mediated Shh Signaling Is Required for Thalamocortical Projection Guidance. Frontiers in Neuroanatomy, 2022, 16, 830758.	0.9	2
7	Chaperone-Mediated Autophagy Ablation in Pericytes Reveals New Glioblastoma Prognostic Markers and Efficient Treatment Against Tumor Progression. Frontiers in Cell and Developmental Biology, 2022, 10, 797945.	1.8	8
8	Abnormalities in Cortical GABAergic Interneurons of the Primary Motor Cortex Caused by Lis1 (Pafah1b1) Mutation Produce a Non-drastic Functional Phenotype. Frontiers in Cell and Developmental Biology, 2022, 10, 769853.	1.8	1
9	The association of telomere length with substance use disorders: a systematic review and metaâ€analysis of observational studies. Addiction, 2021, 116, 1954-1972.	1.7	13
10	Neurogenesis similarities in different human adult stem cells. Neural Regeneration Research, 2021, 16, 123.	1.6	5
11	Incorporation of calcium in glasses: A key to understand the vitrification of sewage sludge. International Journal of Applied Glass Science, 2021, 12, 367-380.	1.0	6
12	Netrin 1-Mediated Role of the Substantia Nigra Pars Compacta and Ventral Tegmental Area in the Guidance of the Medial Habenular Axons. Frontiers in Cell and Developmental Biology, 2021, 9, 682067.	1.8	4
13	Differentiation of human adult-derived stem cells towards a neural lineage involves a dedifferentiation event prior to differentiation to neural phenotypes. Scientific Reports, 2021, 11, 12034.	1.6	9
14	Interneuron Heterotopia in the Lis1 Mutant Mouse Cortex Underlies a Structural and Functional Schizophrenia-Like Phenotype. Frontiers in Cell and Developmental Biology, 2021, 9, 693919.	1.8	4
15	Wnt1 Role in the Development of the Habenula and the Fasciculus Retroflexus. Frontiers in Cell and Developmental Biology, 2021, 9, 755729.	1.8	1
16	Autophagy in the Immunosuppressive Perivascular Microenvironment of Glioblastoma. Cancers, 2020, 12, 102.	1.7	21
17	Neuronal tangential migration from Nkx2.1-positive hypothalamus. Brain Structure and Function, 2020, 225, 2857-2869.	1.2	8
18	The Use of Tailings to Make Glass as an Alternative for Sustainable Environmental Remediation:
The Case of Osor, Catalonia, Spain. Minerals (Basel, Switzerland), 2020, 10, 819.	0.8	3

#	Article	IF	Citations
19	Gestational Exposure to Sodium Valproate Disrupts Fasciculation of the Mesotelencephalic Dopaminergic Tract, With a Selective Reduction of Dopaminergic Output From the Ventral Tegmental Area. Frontiers in Neuroanatomy, 2020, 14, 29.	0.9	9
20	Combined intramuscular and intraspinal transplant of bone marrow cells improves neuromuscular function in the SOD1G93A mice. Stem Cell Research and Therapy, 2020, 11, 53.	2.4	7
21	Intramuscular Injection of Bone Marrow Stem Cells in Amyotrophic Lateral Sclerosis Patients: A Randomized Clinical Trial. Frontiers in Neuroscience, 2020, 14, 195.	1.4	15
22	Safety and Biodistribution of Human Bone Marrow-Derived Mesenchymal Stromal Cells Injected Intrathecally in Non-Obese Diabetic Severe Combined Immunodeficiency Mice: Preclinical Study. Tissue Engineering and Regenerative Medicine, 2019, 16, 525-538.	1.6	8
23	Glioblastoma ablates pericytes antitumor immune function through aberrant up-regulation of chaperone-mediated autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20655-20665.	3.3	66
24	Childhood adversities and 5-HTTLPR polymorphism as risk factors of substance use disorders: retrospective case-control study in Murcia (Spain). BMJ Open, 2019, 9, e030328.	0.8	1
25	Modification of the risk of post-traumatic stress disorder (PTSD) by the 5-HTTLPR polymorphisms after Lorca's earthquakes (Murcia, Spain).. Psychiatry Research, 2019, 282, 112640.	1.7	3
26	The association of telomere length with substance use disorders: systematic review and meta-analysis protocol. Systematic Reviews, 2019, 8, 298.	2.5	4
27	Non-proliferative neurogenesis in human periodontal ligament stem cells. Scientific Reports, 2019, 9, 18038.	1.6	16
28	Radial glia fibers translate Fgf8 morphogenetic signals to generate a thalamic nuclear complex protomap in the mantle layer. Brain Structure and Function, 2019, 224, 661-679.	1.2	7
29	Vascular pattern of the dentate gyrus is regulated by neural progenitors. Brain Structure and Function, 2018, 223, 1971-1987.	1.2	18
30	Prostaglandin EP2 Receptors Mediate Mesenchymal Stromal Cell-Neuroprotective Effects on Dopaminergic Neurons. Molecular Neurobiology, 2018, 55, 4763-4776.	1.9	18
31	Clinical Phenotypes Associated to Engrailed 2 Gene Alterations in a Series of Neuropediatric Patients. Frontiers in Neuroanatomy, 2018, 12, 61.	0.9	11
32	Intramuscular transplantation of bone marrow cells prolongs the lifespan of SOD1G93A mice and modulates expression of prognosis biomarkers of the disease. Stem Cell Research and Therapy, 2018, 9, 90.	2.4	14
33	Hypoxia-Induced Caveolin-1 Expression Promotes Migration and Invasion of Tumor Cells.. Current Molecular Medicine, 2018, 18, 199-206.	0.6	10
34	Cancer and central nervous system disorders: protocol for an umbrella review of systematic reviews and updated meta-analyses of observational studies. Systematic Reviews, 2017, 6, 69.	2.5	24
35	Valorization of sludge from a wastewater treatment plant by glass-ceramic production. Ceramics International, 2017, 43, 930-937.	2.3	36
36	Post-Traumatic Stress Disorder and other mental disorders in the general population after Lorcaâ€™s earthquakes, 2011 (Murcia, Spain): A cross-sectional study. PLoS ONE, 2017, 12, e0179690.	1.1	14

#	Article	IF	Citations
37	Glioblastoma progression is assisted by induction of immunosuppressive function of pericytes through interaction with tumor cells. Oncotarget, 2017, 8, 68614-68626.	0.8	57
38	Brain mesenchymal stem cells: physiology and pathological implications. Development Growth and Differentiation, 2016, 58, 469-480.	0.6	16
39	Intraventricular injections of mesenchymal stem cells activate endogenous functional remyelination in a chronic demyelinating murine model. Cell Death and Disease, 2016, 7, e2223-e2223.	2.7	35
40	Spinal cord infusion of stem cells in amyotrophic lateral sclerosis: Magnetic resonance spectroscopy shows metabolite improvement in the precentral gyrus. Cytotherapy, 2016, 18, 785-796.	0.3	11
41	Recycling of tailings from the Barruecopardo tungsten deposit for the production of glass. Journal of Thermal Analysis and Calorimetry, 2016, 125, 681-687.	2.0	17
42	Developmental guidance of the retroflex tract at its bending point involves Robo1-Slit2-mediated floor plate repulsion. Brain Structure and Function, 2016, 221, 665-678.	1.2	7
43	Breathing pattern in a phase I clinical trial of intraspinal injection of autologous bone marrow mononuclear cells in patients with amyotrophic lateral sclerosis. Respiratory Physiology and Neurobiology, 2016, 221, 54-58.	0.7	16
44	Consensus Paper: Cerebellar Development. Cerebellum, 2016, 15, 789-828.	1.4	337
45	Fgf15 regulates thalamic development by controlling the expression of proneural genes. Brain Structure and Function, 2016, 221, 3095-3109.	1.2	14
46	Wnt1 signal determines the patterning of the diencephalic dorso-ventral axis. Brain Structure and Function, 2016, 221, 3693-3708.	1.2	9
47	Mesencephalic origin of the rostral Substantia nigra pars reticulata. Brain Structure and Function, 2016, 221, 1403-1412.	1.2	6
48	Rett Syndrome Mutant Neural Cells Lacks MeCP2 Immunoreactive Bands. PLoS ONE, 2016, 11, e0153262.	1.1	2
49	The Î±2â€subunit of the nicotinic cholinergic receptor is specifically expressed in medial subpalliumâ€derived cells of mammalian amygdala. Journal of Comparative Neurology, 2015, 523, 1608-1621.	0.9	2
50	Attractive action of <scp>FGF</scp>â€signaling contributes to the postnatal developing hippocampus. Hippocampus, 2015, 25, 486-499.	0.9	5
51	Hairy/Enhancer-of-Split MEGANE and Proneural MASH1 Factors Cooperate Synergistically in Midbrain GABAergic Neurogenesis. PLoS ONE, 2015, 10, e0127681.	1.1	11
52	Red nucleus and rubrospinal tract disorganization in the absence of Pou4f1. Frontiers in Neuroanatomy, 2015, 9, 8.	0.9	7
53	Mesencephalic basolateral domain specification is dependent on Sonic Hedgehog. Frontiers in Neuroanatomy, 2015, 9, 12.	0.9	4
54	Prevalence of Mental Disorders in the South-East of Spain, One of the European Regions Most Affected by the Economic Crisis: The Cross-Sectional PEGASUS-Murcia Project. PLoS ONE, 2015, 10, e0137293.	1.1	33

#	Article	IF	Citations
55	Gene Maps and Related Histogenetic Domains in the Forebrain and Midbrain. , 2015, , 3-24.		11
56	Novel aberrant genetic and epigenetic events in Friedreich×³s ataxia. Experimental Cell Research, 2015, 335, 51-61.	1.2	14
57	Developmental alterations of the septohippocampal cholinergic projection in a lissencephalic mouse model. Experimental Neurology, 2015, 271, 215-227.	2.0	5
58	Mesenchymal Stem Cells Improve Motor Functions and Decrease Neurodegeneration in Ataxic Mice. Molecular Therapy, 2015, 23, 130-138.	3.7	38
59	Glioblastoma: A Pathogenic Crosstalk between Tumor Cells and Pericytes. PLoS ONE, 2014, 9, e101402.	1.1	99
60	Stem cell injection in the hindlimb skeletal muscle enhances neurorepair in mice with spinal cord injury. Regenerative Medicine, 2014, 9, 579-591.	0.8	11
61	Inverse and Direct Cancer Comorbidity in People with Central Nervous System Disorders: A Meta-Analysis of Cancer Incidence in 577,013 Participants of 50 Observational Studies. Psychotherapy and Psychosomatics, 2014, 83, 89-105.	4.0	164
62	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
63	Growth and differentiation factor 10 (Gdf10) is involved in <scp>B</scp>ergmann glial cell development under Shh regulation. Glia, 2014, 62, 1713-1723.	2.5	28
64	Interstitial deletion 14q22.3â€q23.2: Genotypeâ€“phenotype correlation. American Journal of Medical Genetics, Part A, 2014, 164, 639-647.	0.7	9
65	A High-Resolution Spatiotemporal Atlas of Gene Expression of the Developing Mouse Brain. Neuron, 2014, 83, 309-323.	3.8	246
66	FGF8 Activates Proliferation and Migration in Mouse Post-Natal Oligodendrocyte Progenitor Cells. PLoS ONE, 2014, 9, e108241.	1.1	11
67	The cerebellum: from development to structural complexity and motor learning. Frontiers in Neuroanatomy, 2014, 8, 118.	0.9	2
68	Ontogeny of the Vertebrate Nervous System. , 2013, , 47-61.		1
69	Mesenchymal stromal-cell transplants induce oligodendrocyte progenitor migration and remyelination in a chronic demyelination model. Cell Death and Disease, 2013, 4, e779-e779.	2.7	59
70	Acute and chronic MRI changes in the spine and spinal cord after surgical stem cell grafting in patients with definite amyotrophic lateral sclerosis: Post-infusion injuries are unrelated with clinical impairment. Magnetic Resonance Imaging, 2013, 31, 1298-1308.	1.0	12
71	Patterning of the Diencephalon. , 2013, , 151-172.		18
72	Bone Marrow Transplantation in Hindlimb Muscles of Motoneuron Degenerative Mice Reduces Neuronal Death and Improves Motor Function. Stem Cells and Development, 2013, 22, 1633-1644.	1.1	24

#	Article	IF	Citations
73	Roles of Wnt8a during formation and patterning of the mouse inner ear. Mechanisms of Development, 2013, 130, 160-168.	1.7	28
74	Wnt Signal Specifies the Intrathalamic Limit and Its Organizer Properties by Regulating Shh Induction in the Alar Plate. Journal of Neuroscience, 2013, 33, 3967-3980.	1.7	43
75	Epidemiology and genetics of common mental disorders in the general population: the PEGASUS-Murcia project. BMJ Open, 2013, 3, e004035.	0.8	10
76	Human Adult Periodontal Ligament-Derived Cells Integrate and Differentiate after Implantation into the Adult Mammalian Brain. Cell Transplantation, 2013, 22, 2017-2028.	1.2	51
77	Cellular and molecular basis of cerebellar development. Frontiers in Neuroanatomy, 2013, 7, 18.	0.9	96
78	Stem Cells from Wildtype and Friedreichâ€™s Ataxia Mice Present Similar Neuroprotective Properties in Dorsal Root Ganglia Cells. PLoS ONE, 2013, 8, e62807.	1.1	16
79	Differences in number and distribution of striatal calbindin medium spiny neurons between a vocal-learner (Melopsittacus undulatus) and a non-vocal learner bird (Colinus virginianus). Frontiers in Neuroanatomy, 2013, 7, 46.	0.9	11
80	ObtenciÃ³n de vidrio a partir de residuos de la minerÃa del estaÃ±o en Bolivia. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2013, 52, 143-150.	0.9	11
81	HeliosTranscription Factor Expression Depends onGsx2andDlx1&2Function in Developing Striatal Matrix Neurons. Stem Cells and Development, 2012, 21, 2239-2251.	1.1	31
82	Tissue Engineering with Dental Pulp Stem Cells. Journal of Craniofacial Surgery, 2012, 23, e571-e575.	0.3	12
83	Adipose Cell-Derived Stem Cells: Neurogenic and Immunomodulatory Potentials. Advances in Neuroimmune Biology, 2012, 3, 19-30.	0.7	3
84	Human Adipose Stem Cellâ€“Conditioned Medium Increases Survival of Friedreich's Ataxia Cells Submitted to Oxidative Stress. Stem Cells and Development, 2012, 21, 2817-2826.	1.1	21
85	Altered expression of brain acetylcholinesterase in FTDP-17 human tau transgenic mice. Neurobiology of Aging, 2012, 33, 624.e23-624.e34.	1.5	24
86	Developmental dynamics of PAFAH1B subunits during mouse brain development. Journal of Comparative Neurology, 2012, 520, 3877-3894.	0.9	10
87	Molecular Regionalization of the Developing Neural Tube. , 2012, , 2-18.		26
88	Fgf8-Related Secondary Organizers Exert Different Polarizing Planar Instructions along the Mouse Anterior Neural Tube. PLoS ONE, 2012, 7, e39977.	1.1	13
89	Molecular Regionalization of the Diencephalon. Frontiers in Neuroscience, 2012, 6, 73.	1.4	68
90	Mesenchymal dental stem cells in regenerative dentistry. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e1062-e1067.	0.7	70

#	Article	IF	Citations
91	Neurotrophic Bone Marrow Cellular Nests Prevent Spinal Motoneuron Degeneration in Amyotrophic Lateral Sclerosis Patients: A Pilot Safety Study. Stem Cells, 2012, 30, 1277-1285.	1.4	100
92	Comparative Effects between Bone Marrow and Mesenchymal Stem Cell Transplantation in GDNF Expression and Motor Function Recovery in a Motorneuron Degenerative Mouse Model. Stem Cell Reviews and Reports, 2012, 8, 445-458.	5.6	52
93	No paradox, no progress: inverse cancer comorbidity in people with other complex diseases. Lancet Oncology, The, 2011, 12, 604-608.	5.1	122
94	Mesenchymal stem cells derived from dental tissues. International Endodontic Journal, 2011, 44, 800-806.	2.3	122
95	Thanatophoric dysplasia type II with encephalocele and semilobar holoprosencephaly: Insights into its pathogenesis. American Journal of Medical Genetics, Part A, 2011, 155, 197-202.	0.7	10
96	Cerebellar oligodendroglial cells have a mesencephalic origin. Glia, 2011, 59, 1946-1957.	2.5	35
97	Sprouty genes prevent excessive FGF signalling in multiple cell types throughout development of the cerebellum. Development (Cambridge), 2011, 138, 2957-2968.	1.2	53
98	Pallial origin of basal forebrain cholinergic neurons in the nucleus basalis of Meynert and horizontal limb of the diagonal band nucleus. Development (Cambridge), 2011, 138, 4315-4326.	1.2	27
99	A High-Resolution Anatomical Atlas of the Transcriptome in the Mouse Embryo. PLoS Biology, 2011, 9, e1000582.	2.6	552
100	Materiales vitrocerÃ¡micos a partir de lodos procedentes de una estaciÃ³n de depuraciÃ³n de aguas residuales urbanas (en la Ciudad de El-Sadat, Egipto). Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2011, 50, 261-266.	0.9	3
101	Mesenchymal stem cells rescue Purkinje cells and improve motor functions in a mouse model of cerebellar ataxia. Neurobiology of Disease, 2010, 40, 415-423.	2.1	92
102	Oligodendrocyte precursors originate in the parabasal band of the basal plate in prosomere 1 and migrate into the alar prosencephalon during chick development. Glia, 2010, 58, 1437-1450.	2.5	12
103	Dynamic expression patterns of Nkx6.1 and Nkx6.2 in the developing mesâ€diencephalic basal plate. Developmental Dynamics, 2010, 239, 2094-2101.	0.8	21
104	A surgical technique of spinal cord cell transplantation in amyotrophic lateral sclerosis. Journal of Neuroscience Methods, 2010, 191, 255-257.	1.3	26
105	Nolz1 promotes striatal neurogenesis through the regulation of retinoic acid signaling. Neural Development, 2010, 5, 21.	1.1	28
106	Molecular mechanisms controlling brain development: an overview of neuroepithelial secondary organizers. International Journal of Developmental Biology, 2010, 54, 7-20.	0.3	97
107	Characterization of novel monoclonal antibodies able to identify neurogenic niches and arrest neurosphere proliferation and differentiation. Neuroscience, 2010, 169, 1473-1485.	1.1	13
108	In vitro and in vivo characterization of tapentadol metabolites. Methods and Findings in Experimental and Clinical Pharmacology, 2010, 32, 31.	0.8	70

#	Article	IF	Citations
109	Specific regions within the embryonic midbrain and cerebellum require different levels of FGF signaling during development. Development (Cambridge), 2009, 136, 1962-1962.	1.2	1
110	The Development of the Thalamic Motor Learning Area Is Regulated by Fgf8 Expression. Journal of Neuroscience, 2009, 29, 13389-13400.	1.7	55
111	Genetic tracing of subpopulation neurons in the prethalamus of mice (Mus musculus). Journal of Comparative Neurology, 2009, 512, 74-83.	0.9	32
112	Telencephalic morphogenesis during the process of neurulation: An experimental study using quailâ€“chick chimeras. Journal of Comparative Neurology, 2009, 512, 784-797.	0.9	26
113	Expression analysis of Sulf1 in the chick forebrain at early and late stages of development. Developmental Dynamics, 2009, 238, 2418-2429.	0.8	6
114	Increased LIS1 expression affects human and mouse brain development. Nature Genetics, 2009, 41, 168-177.	9.4	199
115	Fate map of the chick embryo neural tube. Development Growth and Differentiation, 2009, 51, 145-165.	0.6	34
116	Shh dependent and independent maintenance of basal midbrain. Mechanisms of Development, 2009, 126, 301-313.	1.7	44
117	Characterization of the functional properties of the neuroectoderm in mouse Cripto^{-/-}embryos showing severe gastrulation defects. International Journal of Developmental Biology, 2009, 53, 549-557.	0.3	15
118	Origin of Adenohypophysial Lobes and Cells from Rathkeâ€™s Pouch in Swiss Albino Mice. Proliferation and Expression of Pitx 2 and Calbindin D28K in Corticotropic and Somatotropic cell Differentiation. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2008, 37, 263-271.	0.3	6
119	Early mammillary pouch specification in the course of prechordal ventralization of the forebrain tegmentum. Developmental Biology, 2008, 320, 366-377.	0.9	39
120	Reelin is overexpressed in the liver and plasma of bile duct ligated rats and its levels and glycosylation are altered in plasma of humans with cirrhosis. International Journal of Biochemistry and Cell Biology, 2008, 40, 766-775.	1.2	27
121	Specific regions within the embryonic midbrain and cerebellum require different levels of FGF signaling during development. Development (Cambridge), 2008, 135, 889-898.	1.2	124
122	Presenilin 1 Interacts with Acetylcholinesterase and Alters Its Enzymatic Activity and Glycosylation. Molecular and Cellular Biology, 2008, 28, 2908-2919.	1.1	26
123	Brain cholinergic impairment in liver failure. Brain, 2008, 131, 2946-2956.	3.7	88
124	Evidence for association between structural variants in lissencephaly-related genes and executive deficits in schizophrenia or bipolar patients from a Spanish isolate population. Psychiatric Genetics, 2008, 18, 313-317.	0.6	22
125	Longitudinal Brain Changes in Early-Onset Psychosis. Schizophrenia Bulletin, 2007, 34, 341-353.	2.3	76
126	Neurodevelopmental mechanisms underlying psychosis. International Clinical Psychopharmacology, 2007, 22, S1-S7.	0.9	8

#	Article	IF	Citations
127	Heavy metal-rich wastes sequester in mineral phases through a glassâ€“ceramic process. Chemosphere, 2007, 68, 1946-1953.	4.2	60
128	Postnatal alterations of the inhibitory synaptic responses recorded from cortical pyramidal neurons in the Lis1/sLis1 mutant mouse. Molecular and Cellular Neurosciences, 2007, 35, 220-229.	1.0	16
129	Expression of chick Fgf19 and mouse Fgf15 orthologs is regulated in the developing brain by Fgf8 and Shh. Developmental Dynamics, 2007, 236, 2285-2297.	0.8	39
130	Developmental mechanisms and experimental models to understand forebrain malformative diseases. Genes, Brain and Behavior, 2007, 6, 45-52.	1.1	9
131	Neuroprotective effect of adult hematopoietic stem cells in a mouse model of motoneuron degeneration. Neurobiology of Disease, 2007, 26, 408-418.	2.1	54
132	Molecular characterization, structure and developmental expression of Megane bHLH factor. Gene, 2006, 377, 65-76.	1.0	17
133	Positional regulation of Pax2 expression pattern in mesencephalic and diencephalic alar plate. Neuroscience, 2006, 137, 7-11.	1.1	10
134	Variations in genes regulating neuronal migration predict reduced prefrontal cognition in schizophrenia and bipolar subjects from mediterranean Spain: A preliminary study. Neuroscience, 2006, 139, 1289-1300.	1.1	47
135	Sonic hedgehog from the basal plate and the zona limitans intrathalamica exhibits differential activity on diencephalic molecular regionalization and nuclear structure. Neuroscience, 2006, 143, 129-140.	1.1	62
136	Adult stem cell therapy: Dream or reality?. Transplant Immunology, 2006, 17, 74-77.	0.6	34
137	Diagnosis and current treatment of neurological paraneoplastic syndromes. Clinical and Translational Oncology, 2006, 8, 796-801.	1.2	11
138	Changes in liver and plasma acetylcholinesterase in rats with cirrhosis induced by bile duct ligation. Hepatology, 2006, 43, 444-453.	3.6	38
139	Dose-dependent functions of Fgf8 in regulating telencephalic patterning centers. Development (Cambridge), 2006, 133, 1831-1844.	1.2	331
140	The cephalic neural crest exerts a critical effect on forebrain and midbrain development. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14033-14038.	3.3	95
141	A Wnt1-regulated genetic network controls the identity and fate of midbrain-dopaminergic progenitors in vivo. Development (Cambridge), 2006, 133, 89-98.	1.2	219
142	Molecular characterization and developmental expression pattern of the chicken apolipoprotein D gene: Implications for the evolution of vertebrate lipocalins. Developmental Dynamics, 2005, 232, 191-199.	0.8	34
143	The isthmic organizer and brain regionalization in chick embryos. , 2005, , 37-49.		0
144	Oligodendrocyte development in the embryonic brain: the contribution of the plp lineage. International Journal of Developmental Biology, 2005, 49, 209-220.	0.3	44

#	Article	IF	Citations
145	Patency and structural changes in cryopreserved arterial grafts used as vessel substitutes in the rat. Journal of Surgical Research, 2005, 124, 297-304.	0.8	14
146	Modulation of Fgf8 activity during vertebrate brain development. Brain Research Reviews, 2005, 49, 150-157.	9.1	28
147	Experimental study of MAP kinase phosphatase-3 (Mkp3) expression in the chick neural tube in relation to Fgf8 activity. Brain Research Reviews, 2005, 49, 158-166.	9.1	15
148	Mkp3 is a negative feedback modulator of Fgf8 signaling in the mammalian isthmic organizer. Developmental Biology, 2005, 277, 114-128.	0.9	58
149	Thalamic development induced by Shh in the chick embryo. Developmental Biology, 2005, 284, 351-363.	0.9	89
150	Functional neural stem cells derived from adult bone marrow. Neuroscience, 2005, 133, 85-95.	1.1	65
151	Gene Maps and Related Histogenetic Domains in the Forebrain and Midbrain. , 2004, , 3-25.		38
152	Pcp4l1, a novel gene encoding a Pcp4-like polypeptide, is expressed in specific domains of the developing brain. Gene Expression Patterns, 2004, 4, 297-301.	0.3	20
153	Ezrin gene, coding for a membrane-cytoskeleton linker protein, is regionally expressed in the developing mouse neuroepithelium. Gene Expression Patterns, 2004, 4, 749-754.	0.3	13
154	Analysis of cCx39 expression pattern during chick development. Developmental Brain Research, 2004, 148, 179-183.	2.1	2
155	Fabrication of low temperature macroporous hydroxyapatite scaffolds by foaming and hydrolysis of an Î±-TCP paste. Biomaterials, 2004, 25, 3671-3680.	5.7	259
156	New macroporous calcium phosphate glass ceramic for guided bone regeneration. Biomaterials, 2004, 25, 4233-4241.	5.7	116
157	PITX2 is required for normal development of neurons in the mouse subthalamic nucleus and midbrain. Developmental Biology, 2004, 267, 93-108.	0.9	94
158	Fate map of the diencephalon and the zona limitans at the 10-somites stage in chick embryos. Developmental Biology, 2004, 268, 514-530.	0.9	88
159	Study of Fgf15 gene expression in developing mouse brain. Gene Expression Patterns, 2003, 3, 473-481.	0.3	53
160	Expression patterns and subcellular localization of the Down syndrome candidate protein MNB/DYRK1A suggest a role in late neuronal differentiation. European Journal of Neuroscience, 2003, 17, 2277-2286.	1.2	95
161	Anterior neural plate regionalization in cripto null mutant mouse embryos in the absence of node and primitive streak. Developmental Biology, 2003, 264, 537-549.	0.9	45
162	Neuroepithelial secondary organizers and cell fate specification in the developing brain. Brain Research Reviews, 2003, 43, 179-191.	9.1	154

#	Article	IF	Citations
163	The isthmic organizer signal FGF8 is required for cell survival in the prospective midbrain and cerebellum. Development (Cambridge), 2003, 130, 2633-2644.	1.2	302
164	Improvement of the Stability and Mechanical Properties of Resorbable Phosphate Glasses by the Addition of TiO₂. Key Engineering Materials, 2002, 218-220, 275-278.	0.4	10
165	Dyrk1A Haploinsufficiency Affects Viability and Causes Developmental Delay and Abnormal Brain Morphology in Mice. Molecular and Cellular Biology, 2002, 22, 6636-6647.	1.1	306
166	LIS1â€”no more no less. Molecular Psychiatry, 2002, 7, 12-16.	4.1	70
167	Mnb/Dyrk1A Is Transiently Expressed and Asymmetrically Segregated in Neural Progenitor Cells at the Transition to Neurogenic Divisions. Developmental Biology, 2002, 246, 259-273.	0.9	87
168	Expression pattern of the lipocalin Apolipoprotein D during mouse embryogenesis. Mechanisms of Development, 2002, 110, 225-229.	1.7	41
169	Expression of the AMBP gene transcript and its two protein products, Î±1-microglobulin and bikunin, in mouse embryogenesis. Mechanisms of Development, 2002, 117, 293-298.	1.7	20
170	Analysis of Fgf15 expression pattern in the mouse neural tube. Brain Research Bulletin, 2002, 57, 297-299.	1.4	26
171	Haematopoietic progenitor cells from adult bone marrow differentiate into cells that express oligodendroglial antigens in the neonatal mouse brain. European Journal of Neuroscience, 2002, 15, 575-582.	1.2	66
172	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
173	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
174	Neuroepithelial co-expression of Gbx2 and Otx2 precedes Fgf8 expression in the isthmic organizer. Mechanisms of Development, 2001, 101, 111-118.	1.7	88
175	Dscr1, a novel endogenous inhibitor of calcineurin signaling, is expressed in the primitive ventricle of the heart and during neurogenesis. Mechanisms of Development, 2001, 101, 289-292.	1.7	58
176	Coordinate expression of Fgf8, Otx2, Bmp4, and Shh in the rostral prosencephalon during development of the telencephalic and optic vesicles. Neuroscience, 2001, 108, 183-206.	1.1	244
177	The Early Steps of Oligodendrogenesis: Insights from the Study of the plp Lineage in the Brain of Chicks and Rodents. Developmental Neuroscience, 2001, 23, 318-326.	1.0	43
178	Inflammatory myofibroblastic tumour of larynx. Journal of Laryngology and Otology, 2001, 115, 140-142.	0.4	13
179	Targeted mutagenesis of Lis1 disrupts cortical development and LIS1 homodimerization. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 6429-6434.	3.3	139
180	Monofocal origin of telencephalic oligodendrocytes in the anterior entopeduncular area of the chick embryo. Development (Cambridge), 2001, 128, 1757-1769.	1.2	98

#	Article	IF	Citations
181	The isthmic organizer and brain regionalization. International Journal of Developmental Biology, 2001, 45, 367-71.	0.3	85
182	Mammalian neural tube grafting experiments: an in vitro system for mouse experimental embryology. International Journal of Developmental Biology, 2001, 45, 895-902.	0.3	27
183	Spatiotemporal development of oligodendrocytes in the embryonic brain. , 2000, 59, 471-476.		73
184	Single or multiple oligodendroglial lineages: A controversy. Glia, 2000, 29, 143-148.	2.5	107
185	Barhl1, a gene belonging to a new subfamily of mammalian homeobox genes, is expressed in migrating neurons of the CNS. Human Molecular Genetics, 2000, 9, 1443-1452.	1.4	93
186	Neurogenetic Compartments of the Mouse Diencephalon and some Characteristic Gene Expression Patterns. Results and Problems in Cell Differentiation, 2000, 30, 91-106.	0.2	50
187	Campylobacter fetus Infection of a Previously Excluded Popliteal Aneurysm. European Journal of Vascular and Endovascular Surgery, 1999, 18, 86-88.	0.8	10
188	KIAA0369, doublecortin-like kinase, is expressed during brain development. Journal of Neuroscience Research, 1999, 58, 567-575.	1.3	72
189	Early Neocortical Regionalization in the Absence of Thalamic Innervation. Science, 1999, 285, 906-909.	6.0	333
190	Expression pattern of the Tbr2 (Eomesodermin) gene during mouse and chick brain development. Mechanisms of Development, 1999, 84, 133-138.	1.7	140
191	Early Specification of Oligodendrocytes in the Chick Embryonic Brain. Developmental Biology, 1999, 216, 98-113.	0.9	77
192	FGF8 induces formation of an ectopic isthmic organizer and isthmocerebellar development via a repressive effect on Otx2 expression. Development (Cambridge), 1999, 126, 1189-1200.	1.2	352
193	FGF8 induces formation of an ectopic isthmic organizer and isthmocerebellar development via a repressive effect on Otx2 expression. Development (Cambridge), 1999, 126, 1189-200.	1.2	86
194	Calretinin in pretecto- and olivocerebellar projections in the chick: Immunohistochemical and experimental study. , 1998, 397, 149-162.		32
195	Multiple restricted origin of oligodendrocytes. Journal of Neuroimmunology, 1998, 90, 10.	1.1	3
196	Mab21, the mouse homolog of a C. elegans cell-fate specification gene, participates in cerebellar, midbrain and eye development. Mechanisms of Development, 1998, 79, 131-135.	1.7	39
197	REGIONALIZATION OF THE PROSENCEPHALIC NEURAL PLATE. Annual Review of Neuroscience, 1998, 21, 445-477.	5.0	523
198	Multiple Restricted Origin of Oligodendrocytes. Journal of Neuroscience, 1998, 18, 8331-8343.	1.7	273

#	Article	IF	Citations
199	Mmot1, a New Helix-Loop-Helix Transcription Factor Gene Displaying a Sharp Expression Boundary in the Embryonic Mouse Brain. Journal of Biological Chemistry, 1997, 272, 17632-17639.	1.6	54
200	Patterns of Gene Expression in the Neural Plate and Neural Tube Subdivide the Embryonic Forebrain into Transverse and Longitudinal Domains. Developmental Neuroscience, 1997, 19, 88-96.	1.0	91
201	PMP-22 expression in the central nervous system of the embryonic mouse defines potential transverse segments and longitudinal columns. , 1997, 378, 159-172.		48
202	Specification of the anterior hindbrain and establishment of a normal mid/hindbrain organizer is dependent on Gbx2 gene function. Development (Cambridge), 1997, 124, 2923-2934.	1.2	356
203	Specification of the anterior hindbrain and establishment of a normal mid/hindbrain organizer is dependent on Gbx2 gene function. Development (Cambridge), 1997, 124, 2923-34.	1.2	91
204	Otlx2,anOtx-Related Homeobox Gene Expressed in the Pituitary Gland and in a Restricted Pattern in the Forebrain. Molecular and Cellular Neurosciences, 1996, 8, 258-271.	1.0	116
205	Expression Patterns of Two Murine Homologs ofDrosophila Single-MindedSuggest Possible Roles in Embryonic Patterning and in the Pathogenesis of Down Syndrome. Molecular and Cellular Neurosciences, 1996, 7, 519.	1.0	58
206	Expression Patterns of Two Murine Homologs ofDrosophila Single-MindedSuggest Possible Roles in Embryonic Patterning and in the Pathogenesis of Down Syndrome. Molecular and Cellular Neurosciences, 1996, 7, 1-16.	1.0	187
207	The avian inferior olive derives from the alar neuroepithelium of the rhombomeres 7 and 8. NeuroReport, 1996, 7, 1285-1288.	0.6	30
208	c-Fos expression in trigeminal nucleus neurons after chemical irritation of the cornea: Reduction by selective blockade of nociceptor chemosensitivity. Experimental Brain Research, 1996, 109, 56-62.	0.7	26
209	Midbrain development induced by FGF8 in the chick embryo. Nature, 1996, 380, 66-68.	13.7	691
210	Antimitochondrial antibody detection by indirect immunofluorescence on mouse sperms. European Journal of Histochemistry, 1996, 40, 315-22.	0.6	0
211	Oligodendrocytes originate in a restricted zone of the embryonic ventral neural tube defined by DM-20 mRNA expression. Journal of Neuroscience, 1995, 15, 1012-1024.	1.7	286
212	Expression of neuronal nitric oxide synthase corresponds to regions of selective vulnerability to hypoxia-ischaemia in the developing rat brain. Neurobiology of Disease, 1995, 2, 145-155.	2.1	67
213	Induction of ectopic engrailed expression and fate change in avian rhombomeres: intersegmental boundaries as barriers. Mechanisms of Development, 1995, 51, 289-303.	1.7	140
214	Longitudinal organization of the anterior neural plate and neural tube. Development (Cambridge), 1995, 121, 3923-3933.	1.2	584
215	Longitudinal organization of the anterior neural plate and neural tube. Development (Cambridge), 1995, 121, 3923-33.	1.2	159
216	The embryonic vertebrate forebrain: the prosomeric model. Science, 1994, 266, 578-580.	6.0	525

#	Article	IF	Citations
217	New subdivision schema for the avian torus semicircularis: Neurochemical maps in the chick. Journal of Comparative Neurology, 1994, 340, 98-125.	0.9	94
218	Axotomy-induced Changes in Ca2+Homeostasis in Rat Sympathetic Ganglion Cells. European Journal of Neuroscience, 1994, 6, 9-17.	1.2	26
219	Mineralogical characterization of the Garumnian subbituminous lignite from the central Pyrenees by SEM-EDX, X-ray diffraction and MÃ¶ssbauer spectroscopy. Fuel, 1993, 72, 971-975.	3.4	8
220	Tangential neuronal migration in the avian tectum: cell type identification and mapping of regional differences with quail/chick homotopic transplants. Developmental Brain Research, 1992, 66, 153-163.	2.1	29
221	Reduced junctional permeability at interrhombomeric boundaries. Development (Cambridge), 1992, 116, 1069-1076.	1.2	79
222	Induction of a mesencephalic phenotype in the 2-day-old chick prosencephalon is preceded by the early expression of the homeobox gene en. Neuron, 1991, 6, 971-981.	3.8	326
223	Retinal and tectal connections of embryonic nucleus superficialis magnocellularis and its mature derivatives in the chick. Anatomy and Embryology, 1991, 183, 235-43.	1.5	15
224	Acetylcholinesterase-histochemical differential staining of subdivisions within the nucleus rotundus in the chick. Anatomy and Embryology, 1990, 181, 129-35.	1.5	44
225	Pluripotentiality of the 2-day-old avian germinative neuroepithelium. Developmental Biology, 1990, 139, 75-88.	0.9	91
226	Expression of the homeobox Chick-en gene in chick/quail chimeras with inverted mes-metencephalic grafts. Developmental Biology, 1990, 139, 432-436.	0.9	104
227	Rostral Cerebellum Originates from the Caudal Portion of the So-Called 'Mesencephalic' Vesicle: A Study Using Chick/Quail Chimeras. European Journal of Neuroscience, 1989, 1, 549-560.	1.2	155
228	Transplanted mesencephalic quail cells colonize selectively all primary visual nuclei of chick diencephalon: a study using heterotopic transplants. Developmental Brain Research, 1989, 47, 263-274.	2.1	24
229	Avian nucleus isthmi ventralis projects to the contralateral optic tectum. Brain Research, 1989, 481, 181-184.	1.1	11
230	The locus of optic nerve head representation in the retinotopic projection over nucleus geniculatus lateralis ventralis and nucleus griseum tectalis in the chick also lacks a retinal projection. Neuroscience Letters, 1988, 85, 35-39.	1.0	13
231	Solitary magnocellular neurons in the avian optic tectum: cytoarchitectonic, histochemical and [3H]thymidine autoradiographic characterization. Neuroscience Letters, 1987, 74, 31-36.	1.0	13
232	The locus of optic nerve head representation in the chick retinotectal map lacks a retinal projection. Neuroscience Letters, 1987, 79, 23-28.	1.0	5