Salvador Martinez

List of Publications by Year
in descending order

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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	Midbrain development induced by FGF8 in the chick embryo. Nature, 1996, 380, 66-68.	13.7	691
2	Longitudinal organization of the anterior neural plate and neural tube. Development (Cambridge), 1995, 121, 3923-3933.	1.2	584
3	A High-Resolution Anatomical Atlas of the Transcriptome in the Mouse Embryo. PLoS Biology, 2011, 9, e1000582.	2.6	552
4	The embryonic vertebrate forebrain: the prosomeric model. Science, 1994, 266, 578-580.	6.0	525
5	REGIONALIZATION OF THE PROSENCEPHALIC NEURAL PLATE. Annual Review of Neuroscience, 1998, 21, 445-477.	5.0	523
6	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
7	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
8	Consensus Paper: Cerebellar Development. Cerebellum, 2016, 15, 789-828.	1.4	337
9	Early Neocortical Regionalization in the Absence of Thalamic Innervation. Science, 1999, 285, 906-909.	6.0	333
10	Dose-dependent functions of Fgf8 in regulating telencephalic patterning centers. Development (Cambridge), 2006, 133, 1831-1844.	1.2	331
11	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
12	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
13	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
14	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
15	Multiple Restricted Origin of Oligodendrocytes. Journal of Neuroscience, 1998, 18, 8331-8343.	1.7	273
16	Fabrication of low temperature macroporous hydroxyapatite scaffolds by foaming and hydrolysis of an Î±-TCP paste. Biomaterials, 2004, 25, 3671-3680.	5.7	259
17	A High-Resolution Spatiotemporal Atlas of Gene Expression of the Developing Mouse Brain. Neuron, 2014, 83, 309-323.	3.8	246
18	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

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19	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
20	Increased LIS1 expression affects human and mouse brain development. Nature Genetics, 2009, 41, 168-177.	9.4	199
21	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
22	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
23	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
24	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
25	Longitudinal organization of the anterior neural plate and neural tube. Development (Cambridge), 1995, 121, 3923-33.	1.2	159
26	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
27	Neuroepithelial secondary organizers and cell fate specification in the developing brain. Brain Research Reviews, 2003, 43, 179-191.	9.1	154
28	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
29	Expression pattern of the Tbr2 (Eomesodermin) gene during mouse and chick brain development. Mechanisms of Development, 1999, 84, 133-138.	1.7	140
30	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
31	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
32	No paradox, no progress: inverse cancer comorbidity in people with other complex diseases. Lancet Oncology, The, 2011, 12, 604-608.	5.1	122
33	Mesenchymal stem cells derived from dental tissues. International Endodontic Journal, 2011, 44, 800-806.	2.3	122
34	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
35	New macroporous calcium phosphate glass ceramic for guided bone regeneration. Biomaterials, 2004, 25, 4233-4241.	5.7	116
36	Single or multiple oligodendroglial lineages: A controversy. Glia, 2000, 29, 143-148.	2.5	107

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37	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
38	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
39	Glioblastoma: A Pathogenic Crosstalk between Tumor Cells and Pericytes. PLoS ONE, 2014, 9, e101402.	1.1	99
40	Monofocal origin of telencephalic oligodendrocytes in the anterior entopeduncular area of the chick embryo. Development (Cambridge), 2001, 128, 1757-1769.	1.2	98
41	Molecular mechanisms controlling brain development: an overview of neuroepithelial secondary organizers. International Journal of Developmental Biology, 2010, 54, 7-20.	0.3	97
42	Cellular and molecular basis of cerebellar development. Frontiers in Neuroanatomy, 2013, 7, 18.	0.9	96
43	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
44	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
45	New subdivision schema for the avian torus semicircularis: Neurochemical maps in the chick. Journal of Comparative Neurology, 1994, 340, 98-125.	0.9	94
46	PITX2 is required for normal development of neurons in the mouse subthalamic nucleus and midbrain. Developmental Biology, 2004, 267, 93-108.	0.9	94
47	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
48	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
49	Pluripotentiality of the 2-day-old avian germinative neuroepithelium. Developmental Biology, 1990, 139, 75-88.	0.9	91
50	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
51	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
52	Thalamic development induced by Shh in the chick embryo. Developmental Biology, 2005, 284, 351-363.	0.9	89
53	Neuroepithelial co-expression of Gbx2 and Otx2 precedes Fgf8 expression in the isthmic organizer. Mechanisms of Development, 2001, 101, 111-118.	1.7	88
54	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

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55	Brain cholinergic impairment in liver failure. Brain, 2008, 131, 2946-2956.	3.7	88
56	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
57	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
58	The isthmic organizer and brain regionalization. International Journal of Developmental Biology, 2001, 45, 367-71.	0.3	85
59	Reduced junctional permeability at interrhombomeric boundaries. Development (Cambridge), 1992, 116, 1069-1076.	1.2	79
60	Early Specification of Oligodendrocytes in the Chick Embryonic Brain. Developmental Biology, 1999, 216, 98-113.	0.9	77
61	Longitudinal Brain Changes in Early-Onset Psychosis. Schizophrenia Bulletin, 2007, 34, 341-353.	2.3	76
62	Spatiotemporal development of oligodendrocytes in the embryonic brain. , 2000, 59, 471-476.		73
63	KIAA0369, doublecortin-like kinase, is expressed during brain development. Journal of Neuroscience Research, 1999, 58, 567-575.	1.3	72
64	LIS1â€"no more no less. Molecular Psychiatry, 2002, 7, 12-16.	4.1	70
65	Mesenchymal dental stem cells in regenerative dentistry. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e1062-e1067.	0.7	70
66	In vitro and in vivo characterization of tapentadol metabolites. Methods and Findings in Experimental and Clinical Pharmacology, 2010, 32, 31.	0.8	70
67	Molecular Regionalization of the Diencephalon. Frontiers in Neuroscience, 2012, 6, 73.	1.4	68
68	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
69	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
70	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
71	Functional neural stem cells derived from adult bone marrow. Neuroscience, 2005, 133, 85-95.	1.1	65
72	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

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73	Heavy metal-rich wastes sequester in mineral phases through a glassâ€“ceramic process. Chemosphere, 2007, 68, 1946-1953.	4.2	60
74	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
75	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
76	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
77	Mkp3 is a negative feedback modulator of Fgf8 signaling in the mammalian isthmic organizer. Developmental Biology, 2005, 277, 114-128.	0.9	58
78	Glioblastoma progression is assisted by induction of immunosuppressive function of pericytes through interaction with tumor cells. Oncotarget, 2017, 8, 68614-68626.	0.8	57
79	The Development of the Thalamic Motor Learning Area Is Regulated by Fgf8 Expression. Journal of Neuroscience, 2009, 29, 13389-13400.	1.7	55
80	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
81	Neuroprotective effect of adult hematopoietic stem cells in a mouse model of motoneuron degeneration. Neurobiology of Disease, 2007, 26, 408-418.	2.1	54
82	Study of Fgf15 gene expression in developing mouse brain. Gene Expression Patterns, 2003, 3, 473-481.	0.3	53
83	Sprouty genes prevent excessive FGF signalling in multiple cell types throughout development of the cerebellum. Development (Cambridge), 2011, 138, 2957-2968.	1.2	53
84	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
85	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
86	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
87	PMP-22 expression in the central nervous system of the embryonic mouse defines potential transverse segments and longitudinal columns. , 1997, 378, 159-172.		48
88	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
89	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
90	Acetylcholinesterase-histochemical differential staining of subdivisions within the nucleus rotundus in the chick. Anatomy and Embryology, 1990, 181, 129-35.	1.5	44

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91	Oligodendrocyte development in the embryonic brain: the contribution of the plp lineage. International Journal of Developmental Biology, 2005, 49, 209-220.	0.3	44
92	Shh dependent and independent maintenance of basal midbrain. Mechanisms of Development, 2009, 126, 301-313.	1.7	44
93	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
94	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
95	Expression pattern of the lipocalin Apolipoprotein D during mouse embryogenesis. Mechanisms of Development, 2002, 110, 225-229.	1.7	41
96	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
97	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
98	Early mammillary pouch specification in the course of prechordal ventralization of the forebrain tegmentum. Developmental Biology, 2008, 320, 366-377.	0.9	39
99	Gene Maps and Related Histogenetic Domains in the Forebrain and Midbrain. , 2004, , 3-25.		38
100	Changes in liver and plasma acetylcholinesterase in rats with cirrhosis induced by bile duct ligation. Hepatology, 2006, 43, 444-453.	3.6	38
101	Mesenchymal Stem Cells Improve Motor Functions and Decrease Neurodegeneration in Ataxic Mice. Molecular Therapy, 2015, 23, 130-138.	3.7	38
102	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
103	Valorization of sludge from a wastewater treatment plant by glass-ceramic production. Ceramics International, 2017, 43, 930-937.	2.3	36
104	Cerebellar oligodendroglial cells have a mesencephalic origin. Glia, 2011, 59, 1946-1957.	2.5	35
105	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
106	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
107	Adult stem cell therapy: Dream or reality?. Transplant Immunology, 2006, 17, 74-77.	0.6	34
108	Fate map of the chick embryo neural tube. Development Growth and Differentiation, 2009, 51, 145-165.	0.6	34

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109	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
110	Calretinin in pretecto- and olivocerebellar projections in the chick: Immunohistochemical and experimental study. , 1998, 397, 149-162.		32
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	HeliosTranscription Factor Expression Depends onGsx2andDlx1&2Function in Developing Striatal Matrix Neurons. Stem Cells and Development, 2012, 21, 2239-2251.	1.1	31
113	The avian inferior olive derives from the alar neuroepithelium of the rhombomeres 7 and 8. NeuroReport, 1996, 7, 1285-1288.	0.6	30
114	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
115	Modulation of Fgf8 activity during vertebrate brain development. Brain Research Reviews, 2005, 49, 150-157.	9.1	28
116	Nolz1 promotes striatal neurogenesis through the regulation of retinoic acid signaling. Neural Development, 2010, 5, 21.	1.1	28
117	Roles of Wnt8a during formation and patterning of the mouse inner ear. Mechanisms of Development, 2013, 130, 160-168.	1.7	28
118	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
119	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
120	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
121	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
122	Axotomy-induced Changes in Ca2+Homeostasis in Rat Sympathetic Ganglion Cells. European Journal of Neuroscience, 1994, 6, 9-17.	1.2	26
123	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
124	Analysis of Fgf15 expression pattern in the mouse neural tube. Brain Research Bulletin, 2002, 57, 297-299.	1.4	26
125	Presenilin 1 Interacts with Acetylcholinesterase and Alters Its Enzymatic Activity and Glycosylation. Molecular and Cellular Biology, 2008, 28, 2908-2919.	1.1	26
126	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

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127	A surgical technique of spinal cord cell transplantation in amyotrophic lateral sclerosis. Journal of Neuroscience Methods, 2010, 191, 255-257.	1.3	26
128	Molecular Regionalization of the Developing Neural Tube. , 2012, , 2-18.		26
129	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
130	Altered expression of brain acetylcholinesterase in FTDP-17 human tau transgenic mice. Neurobiology of Aging, 2012, 33, 624.e23-624.e34.	1.5	24
131	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
132	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
133	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
134	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
135	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
136	Autophagy in the Immunosuppressive Perivascular Microenvironment of Glioblastoma. Cancers, 2020, 12, 102.	1.7	21
137	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
138	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
139	Patterning of the Diencephalon. , 2013, , 151-172.		18
140	Vascular pattern of the dentate gyrus is regulated by neural progenitors. Brain Structure and Function, 2018, 223, 1971-1987.	1.2	18
141	Prostaglandin EP2 Receptors Mediate Mesenchymal Stromal Cell-Neuroprotective Effects on Dopaminergic Neurons. Molecular Neurobiology, 2018, 55, 4763-4776.	1.9	18
142	Molecular characterization, structure and developmental expression of Megane bHLH factor. Gene, 2006, 377, 65-76.	1.0	17
143	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
144	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

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145	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
146	Brain mesenchymal stem cells: physiology and pathological implications. Development Growth and Differentiation, 2016, 58, 469-480.	0.6	16
147	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
148	Non-proliferative neurogenesis in human periodontal ligament stem cells. Scientific Reports, 2019, 9, 18038.	1.6	16
149	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
150	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
151	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
152	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
153	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
154	Novel aberrant genetic and epigenetic events in Friedreich×³s ataxia. Experimental Cell Research, 2015, 335, 51-61.	1.2	14
155	Fgf15 regulates thalamic development by controlling the expression of proneural genes. Brain Structure and Function, 2016, 221, 3095-3109.	1.2	14
156	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
157	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
158	Solitary magnocellular neurons in the avian optic tectum: cytoarchitectonic, histochemical and [3H]thymidine autoradiographic characterization. Neuroscience Letters, 1987, 74, 31-36.	1.0	13
159	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
160	Inflammatory myofibroblastic tumour of larynx. Journal of Laryngology and Otology, 2001, 115, 140-142.	0.4	13
161	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
162	Characterization of novel monoclonal antibodies able to identify neurogenic niches and arrest neurosphere proliferation and differentiation. Neuroscience, 2010, 169, 1473-1485.	1.1	13

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163	Fgf8-Related Secondary Organizers Exert Different Polarizing Planar Instructions along the Mouse Anterior Neural Tube. PLoS ONE, 2012, 7, e39977.	1.1	13
164	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
165	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
166	Tissue Engineering with Dental Pulp Stem Cells. Journal of Craniofacial Surgery, 2012, 23, e571-e575.	0.3	12
167	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
168	Avian nucleus isthmi ventralis projects to the contralateral optic tectum. Brain Research, 1989, 481, 181-184.	1.1	11
169	Diagnosis and current treatment of neurological paraneoplastic syndromes. Clinical and Translational Oncology, 2006, 8, 796-801.	1.2	11
170	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
171	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
172	Hairy/Enhancer-of-Split MEGANE and Proneural MASH1 Factors Cooperate Synergistically in Midbrain GABAergic Neurogenesis. PLoS ONE, 2015, 10, e0127681.	1.1	11
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