JosÃ© M GarcÃ-a-Verdugo

List of Publications by Year
in descending order

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266	44,042	4136	2076
papers	citations	87 h-index	204 g-index

279	279	279	34353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rnd3 is necessary for the correct oligodendrocyte differentiation and myelination in the central nervous system. Brain Structure and Function, 2022, 227, 829-841.	1.2	4
2	Nests of dividing neuroblasts sustain interneuron production for the developing human brain. Science, 2022, 375, eabk2346.	6.0	13
3	Ependymoma associated protein Zfta is expressed in immature ependymal cells but is not essential for ependymal development in mice. Scientific Reports, 2022, 12, 1493.	1.6	3
4	Adult Neural Stem Cell Migration Is Impaired in a Mouse Model of Alzheimerâ€™s Disease. Molecular Neurobiology, 2022, 59, 1168-1182.	1.9	9
5	Comment on â€œImpact of neurodegenerative diseases on human adult hippocampal neurogenesisâ€. Science, 2022, 376, eabn8861.	6.0	13
6	Plasticity of cell proliferation in the retina of Austrolebias charrua fish under light and darkness conditions. Current Research in Neurobiology, 2022, 3, 100042.	1.1	3
7	Glioblastoma disrupts the ependymal wall and extracellular matrix structures of the subventricular zone. Fluids and Barriers of the CNS, 2022, 19, .	2.4	7
8	Neurogenesis of medium spiny neurons in the nucleus accumbens continues into adulthood and is enhanced by pathological pain. Molecular Psychiatry, 2021, 26, 4616-4632.	4.1	9
9	Cellular response to spinal cord injury in regenerative and non-regenerative stages in Xenopus laevis. Neural Development, 2021, 16, 2.	1.1	14
10	Targeting Alzheimerâ€™s disease with multimodal polypeptide-based nanoconjugates. Science Advances, 2021, 7, .	4.7	29
11	Positive Controls in Adults and Children Support That Very Few, If Any, New Neurons Are Born in the Adult Human Hippocampus. Journal of Neuroscience, 2021, 41, 2554-2565.	1.7	90
12	Melatonin Targets Metabolism in Head and Neck Cancer Cells by Regulating Mitochondrial Structure and Function. Antioxidants, 2021, 10, 603.	2.2	24
13	ID4 Is Required for Normal Ependymal Cell Development. Frontiers in Neuroscience, 2021, 15, 668243.	1.4	2
14	A ciliopathy complex builds distal appendages to initiate ciliogenesis. Journal of Cell Biology, 2021, 220, .	2.3	26
15	Single-cell analysis of the ventricular-subventricular zone reveals signatures of dorsal and ventral adult neurogenesis. ELife, 2021, 10, .	2.8	62
16	Localization of GFP-Tagged Proteins Under the Electron Microscope. Neuromethods, 2021, , 201-212.	0.2	0
17	Heterogeneous Pattern of Differentiation With BCAS1/NABC1 Expression in a Case of Oligodendroglioma. Journal of Neuropathology and Experimental Neurology, 2021, 80, 379-383.	0.9	1
18	Endoderm development requires centrioles to restrain p53-mediated apoptosis in the absence of ERK activity. Developmental Cell, 2021, 56, 3334-3348.e6.	3.1	9

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19	Wnt-Dependent Oligodendroglial-Endothelial Interactions Regulate White Matter Vascularization and Attenuate Injury. Neuron, 2020, 108, 1130-1145.e5.	3.8	52
20	Transcriptomic analysis links diverse hypothalamic cell types to fibroblast growth factor 1-induced sustained diabetes remission. Nature Communications, 2020, 11, 4458.	5.8	34
21	Dynamic Changes in the Neurogenic Potential in the Ventricularâ€“Subventricular Zone of Common Marmoset during Postnatal Brain Development. Cerebral Cortex, 2020, 30, 4092-4109.	1.6	15
22	Dynamic Changes in Ultrastructure of the Primary Cilium in Migrating Neuroblasts in the Postnatal Brain. Journal of Neuroscience, 2019, 39, 9967-9988.	1.7	35
23	Perineuronal net formation during the critical period for neuronal maturation in the hypothalamic arcuate nucleus. Nature Metabolism, 2019, 1, 212-221.	5.1	35
24	Immunogold Labeling to Detect Streptococcus pyogenes Cas9 in Cell Culture and Tissues by Electron Microscopy. CRISPR Journal, 2019, 2, 395-405.	1.4	0
25	Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults. Nature, 2018, 555, 377-381.	13.7	1,074
26	Detachment of Chain-Forming Neuroblasts by Fyn-Mediated Control of cellâ€“cell Adhesion in the Postnatal Brain. Journal of Neuroscience, 2018, 38, 4598-4609.	1.7	13
27	Cellular composition and organization of the spinal cord central canal during metamorphosis of the frog Xenopus laevis. Journal of Comparative Neurology, 2018, 526, 1712-1732.	0.9	8
28	Adult Neurogenesis Is Sustained by Symmetric Self-Renewal and Differentiation. Cell Stem Cell, 2018, 22, 221-234.e8.	5.2	184
29	Characterization of the canine rostral ventricularâ€subventricular zone: Morphological, immunohistochemical, ultrastructural, and neurosphere assay studies. Journal of Comparative Neurology, 2018, 526, 721-741.	0.9	9
30	Radial Glial Fibers Promote Neuronal Migration and Functional Recovery after Neonatal Brain Injury. Cell Stem Cell, 2018, 22, 128-137.e9.	5.2	63
31	New neurons use Slit-Robo signaling to migrate through the glial meshwork and approach a lesion for functional regeneration. Science Advances, 2018, 4, eaav0618.	4.7	60
32	Does Adult Neurogenesis Persist in the Human Hippocampus?. Cell Stem Cell, 2018, 23, 780-781.	5.2	95
33	Nanohybrid for Photodynamic Therapy and Fluorescence Imaging Tracking without Therapy. Chemistry of Materials, 2018, 30, 3677-3682.	3.2	30
34	Role of retinal pigment epitheliumâ€derived exosomes and autophagy in new blood vessel formation. Journal of Cellular and Molecular Medicine, 2018, 22, 5244-5256.	1.6	43
35	Bi- and uniciliated ependymal cells define continuous floor-plate-derived tanycytic territories. Nature Communications, 2017, 8, 13759.	5.8	80
36	Î²1 integrin signaling promotes neuronal migration along vascular scaffolds in the post-stroke brain. EBioMedicine, 2017, 16, 195-203.	2.7	84

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37	Netrin-1 receptor antibodies in thymoma-associated neuromyotonia with myasthenia gravis. Neurology, 2017, 88, 1235-1242.	1.5	28
38	Melatonin enhances neural stem cell differentiation and engraftment by increasing mitochondrial function. Journal of Pineal Research, 2017, 63, e12415.	3.4	78
39	An Actin Network Dispatches Ciliary GPCRs into Extracellular Vesicles to Modulate Signaling. Cell, 2017, 168, 252-263.e14.	13.5	290
40	Dual roles of AÎ² in proliferative processes in an amyloidogenic model of Alzheimerâ€™s disease. Scientific Reports, 2017, 7, 10085.	1.6	34
41	Stem cells distribution, cellular proliferation and migration in the adult Austrolebias charrua brain. Brain Research, 2017, 1673, 11-22.	1.1	5
42	Unique Organization of the Nuclear Envelope in the Post-natal Quiescent Neural Stem Cells. Stem Cell Reports, 2017, 9, 203-216.	2.3	32
43	Alexander Disease Mutations Produce Cells with Coexpression of Glial Fibrillary Acidic Protein and NG2 in Neurosphere Cultures and Inhibit Differentiation into Mature Oligodendrocytes. Frontiers in Neurology, 2017, 8, 255.	1.1	19
44	Amyotrophic lateral sclerosis modifies progenitor neural proliferation in adult classic neurogenic brain niches. BMC Neurology, 2017, 17, 173.	0.8	46
45	Melatonin protects rats from radiotherapy-induced small intestine toxicity. PLoS ONE, 2017, 12, e0174474.	1.1	86
46	Reducing Peripheral Inflammation with Infliximab Reduces Neuroinflammation and Improves Cognition in Rats with Hepatic Encephalopathy. Frontiers in Molecular Neuroscience, 2016, 9, 106.	1.4	69
47	Characterization of multiciliated ependymal cells that emerge in the neurogenic niche of the aged zebrafish brain. Journal of Comparative Neurology, 2016, 524, 2982-2992.	0.9	28
48	Clearing Amyloid-Î² through PPARÎ³/ApoE Activation by Genistein is a Treatment of Experimental Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 51, 701-711.	1.2	74
49	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
50	Extensive migration of young neurons into the infant human frontal lobe. Science, 2016, 354, .	6.0	293
51	Identification and Characterization of the Dermal Panniculus Carnosus Muscle Stem Cells. Stem Cell Reports, 2016, 7, 411-424.	2.3	30
52	Oxidative stress in retinal pigment epithelium cells increases exosome secretion and promotes angiogenesis in endothelial cells. Journal of Cellular and Molecular Medicine, 2016, 20, 1457-1466.	1.6	180
53	Brain size and limits to adult neurogenesis. Journal of Comparative Neurology, 2016, 524, 646-664.	0.9	107
54	Telencephalic-olfactory bulb ventricle wall organization in Austrolebias charrua: Cytoarchitecture, proliferation dynamics, neurogenesis and migration. Neuroscience, 2016, 336, 63-80.	1.1	8

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55	Anosmin-1 over-expression increases adult neurogenesis in the subventricular zone and neuroblast migration to the olfactory bulb. Brain Structure and Function, 2016, 221, 239-260.	1.2	29
56	Implications of irradiating the subventricular zone stem cell niche. Stem Cell Research, 2016, 16, 387-396.	0.3	23
57	Localization of GFP-Tagged Proteins at the Electron Microscope. Neuromethods, 2016, , 179-190.	0.2	1
58	Neurotoxic effects of ochratoxin A on the subventricular zone of adult mouse brain. Journal of Applied Toxicology, 2015, 35, 737-751.	1.4	30
59	Resistance of subventricular neural stem cells to chronic hypoxemia despite structural disorganization of the germinal center and impairment of neuronal and oligodendrocyte survival. Hypoxia (Auckland, N Z), 2015, 3, 15.	1.9	18
60	The aged brain: genesis and fate of residual progenitor cells in the subventricular zone. Frontiers in Cellular Neuroscience, 2015, 9, 365.	1.8	66
61	Substrate Stiffness and Composition Specifically Direct Differentiation of Induced Pluripotent Stem Cells. Tissue Engineering - Part A, 2015, 21, 1633-1641.	1.6	65
62	In Vivo and Ex Vivo Magnetic Resonance Spectroscopy of the Infarct and the Subventricular Zone in Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 828-834.	2.4	17
63	Whole-epigenome analysis in multiple myeloma reveals DNA hypermethylation of B cell-specific enhancers. Genome Research, 2015, 25, 478-487.	2.4	118
64	Meox2/Tcf15 Heterodimers Program the Heart Capillary Endothelium for Cardiac Fatty Acid Uptake. Circulation, 2015, 131, 815-826.	1.6	88
65	RhoE deficiency alters postnatal subventricular zone development and the number of calbindin-expressing neurons in the olfactory bulb of mouse. Brain Structure and Function, 2015, 220, 3113-3130.	1.2	10
66	Mechanosensory Genes Pkd1 and Pkd2 Contribute to the Planar Polarization of Brain Ventricular Epithelium. Journal of Neuroscience, 2015, 35, 11153-11168.	1.7	47
67	Membrane-Derived Phospholipids Control Synaptic Neurotransmission and Plasticity. PLoS Biology, 2015, 13, e1002153.	2.6	57
68	Age-Related Lipid Metabolic Signature in HumanLMNA-Lipodystrophic Stem Cell-Derived Adipocytes. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E964-E973.	1.8	12
69	Neuregulin-1Î² Induces Mature Ventricular Cardiac Differentiation from Induced Pluripotent Stem Cells Contributing to Cardiac Tissue Repair. Stem Cells and Development, 2015, 24, 484-496.	1.1	36
70	Ultrastructural Pathology of Anaplastic and Grade II Ependymomas reveals Distinctive Ciliary Structures â€“ Electron Microscopy Redux. Ultrastructural Pathology, 2015, 39, 23-29.	0.4	10
71	Mesenchymal Stem Cells Improve Motor Functions and Decrease Neurodegeneration in Ataxic Mice. Molecular Therapy, 2015, 23, 130-138.	3.7	38
72	Oxidative stress and mitochondrial dysfunction in Kindler syndrome. Orphanet Journal of Rare Diseases, 2014, 9, 211.	1.2	20

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73	The LIM Homeodomain Factor Lhx2 Is Required for Hypothalamic Tanycyte Specification and Differentiation. Journal of Neuroscience, 2014, 34, 16809-16820.	1.7	63
74	Autophagy and mitochondrial alterations in human retinal pigment epithelial cells induced by ethanol: implications of 4-hydroxy-nonenal. Cell Death and Disease, 2014, 5, e1328-e1328.	2.7	37
75	Axons take a dive. Neurogenesis (Austin, Tex), 2014, 1, e29341.	1.5	3
76	The Subventricular Zone Is Able to Respond to a Demyelinating Lesion After Localized Radiation. Stem Cells, 2014, 32, 59-69.	1.4	33
77	Report of a newly indentified patient with mutations in BMP1 and underlying pathogenetic aspects. American Journal of Medical Genetics, Part A, 2014, 164, 1143-1150.	0.7	27
78	Axonal Control of the Adult Neural Stem Cell Niche. Cell Stem Cell, 2014, 14, 500-511.	5.2	117
79	Age-related changes in astrocytic and ependymal cells of the subventricular zone. Glia, 2014, 62, 790-803.	2.5	86
80	Murine Muscle Engineered from Dermal Precursors: An In Vitro Model for Skeletal Muscle Generation, Degeneration, and Fatty Infiltration. Tissue Engineering - Part C: Methods, 2014, 20, 28-41.	1.1	10
81	The Adult Macaque Spinal Cord Central Canal Zone Contains Proliferative Cells And Closely Resembles The Human. Journal of Comparative Neurology, 2014, 522, 1800-1817.	0.9	36
82	Epicardial delivery of collagen patches with adipose-derived stem cells in rat and minipig models of chronic myocardial infarction. Biomaterials, 2014, 35, 143-151.	5.7	90
83	The oral-facial-digital syndrome gene C2CD3 encodes a positive regulator of centriole elongation. Nature Genetics, 2014, 46, 905-911.	9.4	121
84	NIR excitation of upconversion nanohybrids containing a surface grafted Bodipy induces oxygen-mediated cancer cell death. Journal of Materials Chemistry B, 2014, 2, 4554-4563.	2.9	40
85	Loss of Dishevelleds Disrupts Planar Polarity in Ependymal Motile Cilia and Results in Hydrocephalus. Neuron, 2014, 83, 558-571.	3.8	121
86	Temporal dynamics of hippocampal neurogenesis in chronic neurodegeneration. Brain, 2014, 137, 2312-2328.	3.7	74
87	Extracellular Vesicles from Neural Stem Cells Transfer IFN-Î³ via Ifngr1 to Activate Stat1 Signaling in Target Cells. Molecular Cell, 2014, 56, 193-204.	4.5	258
88	An O2-Sensitive Glomus Cell-Stem Cell Synapse Induces Carotid Body Growth in Chronic Hypoxia. Cell, 2014, 156, 291-303.	13.5	88
89	Long-term hydrocephalus alters the cytoarchitecture of the adult subventricular zone. Experimental Neurology, 2014, 261, 236-244.	2.0	17
90	Therapeutic Potential of Human Adipose-Derived Stem Cells (ADSCs) from Cancer Patients: A Pilot Study. PLoS ONE, 2014, 9, e113288.	1.1	47

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91	Production of human tissue-engineered skin trilayer on a plasma-based hypodermis. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 479-490.	1.3	56
92	Phosphodiesterase inhibition induces retinal degeneration, oxidative stress and inflammation in cone-enriched cultures of porcine retina. Experimental Eye Research, 2013, 111, 122-133.	1.2	24
93	Orthogonal Functionalisation of Upconverting NaYF₄ Nanocrystals. Chemistry - A European Journal, 2013, 19, 13538-13546.	1.7	27
94	Olfacto-retinalis pathway in Austrolebias charrua fishes: A neuronal tracer study. Neuroscience, 2013, 253, 304-315.	1.1	5
95	Adult Neural Stem Cells From the Subventricular Zone: A Review of the Neurosphere Assay. Anatomical Record, 2013, 296, 1435-1452.	0.8	62
96	The atypical dopamine transport inhibitor, JHW 007, prevents amphetamine-induced sensitization and synaptic reorganization within the nucleus accumbens. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 44, 73-80.	2.5	15
97	Longitudinally extensive transverse myelitis with AQP4 antibodies revealing ovarian teratoma. Journal of Neuroimmunology, 2013, 263, 145-147.	1.1	37
98	Enteric neurons show a primary cilium. Journal of Cellular and Molecular Medicine, 2013, 17, 147-153.	1.6	15
99	Kif3a interacts with Dynactin subunit p150Glued to organize centriole subdistal appendages. EMBO Journal, 2013, 32, 597-607.	3.5	73
100	Sustained activation of sphingomyelin synthase by 2-hydroxyoleic acid induces sphingolipidosis in tumor cells. Journal of Lipid Research, 2013, 54, 1457-1465.	2.0	14
101	Dual effects of increased glycogen synthase kinase-3Î² activity on adult neurogenesis. Human Molecular Genetics, 2013, 22, 1300-1315.	1.4	49
102	The adult spinal cord harbors a population of GFAP-positive progenitors with limited self-renewal potential. Glia, 2013, 61, 2100-2113.	2.5	26
103	Vascularâ€derived TGFâ€Î² increases in the stem cell niche and perturbs neurogenesis during aging and following irradiation in the adult mouse brain. EMBO Molecular Medicine, 2013, 5, 548-562.	3.3	124
104	Sox-2 Positive Neural Progenitors in the Primate Striatum Undergo Dynamic Changes after Dopamine Denervation. PLoS ONE, 2013, 8, e66377.	1.1	6
105	The generation of oligodendroglial cells is preserved in the rostral migratory stream during aging. Frontiers in Cellular Neuroscience, 2013, 7, 147.	1.8	45
106	A Xenogeneic-Free Protocol for Isolation and Expansion of Human Adipose Stem Cells for Clinical Uses. PLoS ONE, 2013, 8, e67870.	1.1	29
107	Neural Stem Cells in the Adult Brain: From Benchside to Clinic. Stem Cells International, 2012, 2012, 1-2.	1.2	8
108	Intrinsically determined cell death of developing cortical interneurons. Nature, 2012, 491, 109-113.	13.7	293

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109	Transplanted neural stem/precursor cells instruct phagocytes and reduce secondary tissue damage in the injured spinal cord. Brain, 2012, 135, 447-460.	3.7	192
110	Subventricular Zone Localized Irradiation Affects the Generation of Proliferating Neural Precursor Cells and the Migration of Neuroblasts. Stem Cells, 2012, 30, 2548-2560.	1.4	42
111	Endogenous Rho-Kinase Signaling Maintains Synaptic Strength by Stabilizing the Size of the Readily Releasable Pool of Synaptic Vesicles. Journal of Neuroscience, 2012, 32, 68-84.	1.7	48
112	2-Hydroxyoleate, a nontoxic membrane binding anticancer drug, induces glioma cell differentiation and autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8489-8494.	3.3	95
113	Sp1 Transcription Factor Interaction with Accumulated Prelamin A Impairs Adipose Lineage Differentiation in Human Mesenchymal Stem Cells: Essential Role of Sp1 in the Integrity of Lipid Vesicles. Stem Cells Translational Medicine, 2012, 1, 309-321.	1.6	35
114	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. Brain, 2012, 135, 3320-3335.	3.7	67
115	Lymphatic endothelial progenitors bud from the cardinal vein and intersomitic vessels in mammalian embryos. Blood, 2012, 120, 2340-2348.	0.6	196
116	Normalization of sphingomyelin levels by 2-hydroxyoleic acid induces autophagic cell death of SF767 cancer cells. Autophagy, 2012, 8, 1542-1544.	4.3	14
117	Neuronal polarization is impaired in mice lacking RhoE expression. Journal of Neurochemistry, 2012, 121, 903-914.	2.1	24
118	Biciliated ependymal cell proliferation contributes to spinal cord growth. Journal of Comparative Neurology, 2012, 520, 3528-3552.	0.9	82
119	Neuroprotection of lipoic acid treatment promotes angiogenesis and reduces the glial scar formation after brain injury. Neuroscience, 2012, 224, 102-115.	1.1	27
120	Immunological regulation of neurogenic niches in the adult brain. Neuroscience, 2012, 226, 270-281.	1.1	76
121	Exposure to N-Ethyl-N-Nitrosourea in Adult Mice Alters Structural and Functional Integrity of Neurogenic Sites. PLoS ONE, 2012, 7, e29891.	1.1	23
122	Role of the Cellular Prion Protein in Oligodendrocyte Precursor Cell Proliferation and Differentiation in the Developing and Adult Mouse CNS. PLoS ONE, 2012, 7, e33872.	1.1	48
123	Therapeutic Effects of hMAPC and hMSC Transplantation after Stroke in Mice. PLoS ONE, 2012, 7, e43683.	1.1	68
124	Cancer-Initiating Enriched Cell Lines from Human Glioblastoma: Preparing for Drug Discovery Assays. Stem Cell Reviews and Reports, 2012, 8, 288-298.	5.6	10
125	Abnormal accumulation of autophagic vesicles correlates with axonal and synaptic pathology in young Alzheimerâ€™s mice hippocampus. Acta Neuropathologica, 2012, 123, 53-70.	3.9	179
126	2-Hydroxyoleic Acid Induces ER Stress and Autophagy in Various Human Glioma Cell Lines. PLoS ONE, 2012, 7, e48235.	1.1	37

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127	GSK3Î² overexpression induces neuronal death and a depletion of the neurogenic niches in the dentate gyrus. Hippocampus, 2011, 21, 910-922.	0.9	71
128	Corridors of migrating neurons in the human brain and their decline during infancy. Nature, 2011, 478, 382-386.	13.7	741
129	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition. Nature Genetics, 2011, 43, 776-784.	9.4	556
130	Olfactory enseathing glia enhances reentry of axons into the brain from peripheral nerve grafts bridging the substantia nigra with the striatum. Neuroscience Letters, 2011, 494, 104-108.	1.0	7
131	Subventricular zone in motor neuron disease with frontotemporal dementia. Neuroscience Letters, 2011, 499, 9-13.	1.0	14
132	Ank3-Dependent SVZ Niche Assembly Is Required for the Continued Production of New Neurons. Neuron, 2011, 71, 61-75.	3.8	112
133	Identification Of Mitotically Competent SOX2+ Cells In White Matter Of Normal Human Adult Brain. Nature Precedings, 2011, , .	0.1	0
134	Roles of p53 and p27â€ŠKip1 in the regulation of neurogenesis in the murine adult subventricular zone. European Journal of Neuroscience, 2011, 34, 1040-1052.	1.2	38
135	Reduction in the Motoneuron Inhibitory/Excitatory Synaptic Ratio in an Earlyâ€Symptomatic Mouse Model of Amyotrophic Lateral Sclerosis. Brain Pathology, 2011, 21, 1-15.	2.1	66
136	Study of adult neurogenesis in the gallotia galloti lizard during different seasons. Brain Research, 2011, 1390, 50-58.	1.1	23
137	Disruption of a Ciliary B9 Protein Complex Causes Meckel Syndrome. American Journal of Human Genetics, 2011, 89, 94-110.	2.6	136
138	Disruption of a Ciliary B9 Protein Complex Causes Meckel Syndrome. American Journal of Human Genetics, 2011, 89, 589.	2.6	2
139	Histological and ultrastructural comparison of cauterization and thrombosis stroke models in immune-deficient mice. Journal of Inflammation, 2011, 8, 28.	1.5	12
140	Reversible neural stem cell niche dysfunction in a model of multiple sclerosis. Annals of Neurology, 2011, 69, 878-891.	2.8	72
141	Peroxisome proliferatorâ€activated receptor Î³ ligands regulate neural stem cell proliferation and differentiation in vitro and in vivo. Glia, 2011, 59, 293-307.	2.5	67
142	Cellular composition and organization of the subventricular zone and rostral migratory stream in the adult and neonatal common marmoset brain. Journal of Comparative Neurology, 2011, 519, 690-713.	0.9	68
143	Cytoarchitecture of the lateral ganglionic eminence and rostral extension of the lateral ventricle in the human fetal brain. Journal of Comparative Neurology, 2011, 519, 1165-1180.	0.9	71
144	Migration of neuronal precursors from the telencephalic ventricular zone into the olfactory bulb in adult zebrafish. Journal of Comparative Neurology, 2011, 519, 3549-3565.	0.9	59

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145	Vascular endothelial growth factor receptor 3 directly regulates murine neurogenesis. Genes and Development, 2011, 25, 831-844.	2.7	145
146	Epithelial Organization of Adult Neurogenic Germinal Niches. , 2011, , 287-317.		0
147	Adult Neurogenesis in Reptiles. , 2011, , 169-189.		12
148	Inflammation-induced subventricular zone dysfunction leads to olfactory deficits in a targeted mouse model of multiple sclerosis. Journal of Clinical Investigation, 2011, 121, 4722-4734.	3.9	103
149	The primary cilium: A relevant characteristic in interstitial cells of rat duodenum enteric plexus. Histology and Histopathology, 2011, 26, 461-70.	0.5	12
150	Cardiac Transcription Factors Driven Lineage-Specification of Adult Stem Cells. Journal of Cardiovascular Translational Research, 2010, 3, 61-65.	1.1	19
151	Activated EGFR signaling increases proliferation, survival, and migration and blocks neuronal differentiation in post-natal neural stem cells. Journal of Neuro-Oncology, 2010, 97, 323-337.	1.4	104
152	Histopathological analysis of human specimens removed from the injection area of expanded adiposeâ€derived stem cells. Histopathology, 2010, 56, 979-982.	1.6	12
153	IGFâ€I stimulates neurogenesis in the hypothalamus of adult rats. European Journal of Neuroscience, 2010, 31, 1533-1548.	1.2	146
154	Postnatal exposure to Nâ€ethylâ€Nâ€nitrosurea disrupts the subventricular zone in adult rodents. European Journal of Neuroscience, 2010, 32, 1789-1799.	1.2	12
155	Neurotoxicity and persistent cognitive deficits induced by combined MDMA and alcohol exposure in adolescent rats. Addiction Biology, 2010, 15, 413-423.	1.4	37
156	Proliferation in the human ipsilateral subventricular zone after ischemic stroke. Neurology, 2010, 74, 357-365.	1.5	174
157	Nitric Oxide Induces Pathological Synapse Loss by a Protein Kinase G-, Rho Kinase-Dependent Mechanism Preceded by Myosin Light Chain Phosphorylation. Journal of Neuroscience, 2010, 30, 973-984.	1.7	61
158	p73 deficiency results in impaired self renewal and premature neuronal differentiation of mouse neural progenitors independently of p53. Cell Death and Disease, 2010, 1, e109-e109.	2.7	50
159	Hyperammonemia Induces Neuroinflammation That Contributes to Cognitive Impairment in Rats With Hepatic Encephalopathy. Gastroenterology, 2010, 139, 675-684.	0.6	278
160	Ofd1, a Human Disease Gene, Regulates the Length and Distal Structure of Centrioles. Developmental Cell, 2010, 18, 410-424.	3.1	239
161	cGMP modulates stem cells differentiation to neurons in brain in vivo. Neuroscience, 2010, 165, 1275-1283.	1.1	33
162	Mesenchymal Stem Cells Provide Better Results Than Hematopoietic Precursors for the Treatment of Myocardial Infarction. Journal of the American College of Cardiology, 2010, 55, 2244-2253.	1.2	76

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163	Cilia Organize Ependymal Planar Polarity. Journal of Neuroscience, 2010, 30, 2600-2610.	1.7	218
164	Cell-Free Nucleic Acids Circulating in the Plasma of Colorectal Cancer Patients Induce the Oncogenic Transformation of Susceptible Cultured Cells. Cancer Research, 2010, 70, 560-567.	0.4	230
165	Immunological control of adult neural stem cells. Journal of Stem Cells, 2010, 5, 23-31.	1.0	29
166	Immune Regulatory Neural Stem/Precursor Cells Protect from Central Nervous System Autoimmunity by Restraining Dendritic Cell Function. PLoS ONE, 2009, 4, e5959.	1.1	122
167	Reduction of seizures by transplantation of cortical GABAergic interneuron precursors into Kv1.1 mutant mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15472-15477.	3.3	187
168	Ultrastructure of the subventricular zone in Macaca fascicularis and evidence of a mouseâ€like migratory stream. Journal of Comparative Neurology, 2009, 514, 533-554.	0.9	72
169	Epidermal Growth Factor Induces the Progeny of Subventricular Zone Type B Cells to Migrate and Differentiate into Oligodendrocytes Â. Stem Cells, 2009, 27, 2032-2043.	1.4	196
170	Cell Fusion Contributes to Pericyte Formation after Stroke. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 480-485.	2.4	30
171	Chromatin remodelling factor Mll1 is essential for neurogenesis from postnatal neural stem cells. Nature, 2009, 458, 529-533.	13.7	356
172	Intra-operatively obtained human tissue: Protocols and techniques for the study of neural stem cells. Journal of Neuroscience Methods, 2009, 180, 116-125.	1.3	44
173	Cardiac Differentiation Is Driven by NKX2.5 and GATA4 Nuclear Translocation in Tissue-Specific Mesenchymal Stem Cells. Stem Cells and Development, 2009, 18, 907-918.	1.1	140
174	Oncogenesis vs. Neurogenesis. Advances in Anatomy, Embryology and Cell Biology, 2009, , 63-66.	1.0	0
175	Disruption of the Neurogenic Niche in the Subventricular Zone of Postnatal Hydrocephalic hyh Mice. Journal of Neuropathology and Experimental Neurology, 2009, 68, 1006-1020.	0.9	57
176	Adult Neurogenesis Under Pathological Stimulation: Ischemia. Advances in Anatomy, Embryology and Cell Biology, 2009, , 67-75.	1.0	1
177	Research Methodologies for Adult Neurogenesis. Advances in Anatomy, Embryology and Cell Biology, 2009, , 5-25.	1.0	0
178	Therapeutic Potential of Neural Stem Cells. Advances in Anatomy, Embryology and Cell Biology, 2009, , 77-79.	1.0	1
179	Identification and characterization of neural progenitor cells in the adult mammalian brain. Advances in Anatomy, Embryology and Cell Biology, 2009, 203, 1-101, ix.	1.0	13
180	Neuroblast proliferation on the surface of the adult rat striatal wall after focal ependymal loss by intracerebroventricular injection of neuraminidase. Journal of Comparative Neurology, 2008, 507, 1571-1587.	0.9	43

#	Article	IF	Citations
181	Improved technique for stereotactic placement of nerve grafts between two locations inside the rat brain. Journal of Neuroscience Methods, 2008, 174, 194-201.	1.3	5
182	Hedgehog signaling and primary cilia are required for the formation of adult neural stem cells. Nature Neuroscience, 2008, 11, 277-284.	7.1	476
183	Synaptogenesis in the mouse olfactory bulb during glomerulus development. European Journal of Neuroscience, 2008, 27, 2838-2846.	1.2	23
184	Seasonal differences in ventricular proliferation of adult Gallotia galloti lizards. Brain Research, 2008, 1191, 39-46.	1.1	23
185	Nuclear calcium signaling by inositol trisphosphate in GH3 pituitary cells. Cell Calcium, 2008, 43, 205-214.	1.1	28
186	Human Dental Pulp Stem Cells Improve Left Ventricular Function, Induce Angiogenesis, and Reduce Infarct Size in Rats with Acute Myocardial Infarction. Stem Cells, 2008, 26, 638-645.	1.4	337
187	Differentiation of Postnatal Neural Stem Cells into Glia and Functional Neurons on Laminin-Coated Polymeric Substrates. Tissue Engineering - Part A, 2008, 14, 1365-1375.	1.6	48
188	Primary cilia are required for cerebellar development and Shh-dependent expansion of progenitor pool. Developmental Biology, 2008, 317, 246-259.	0.9	270
189	Neural Stem Cells Confer Unique Pinwheel Architecture to the Ventricular Surface in Neurogenic Regions of the Adult Brain. Cell Stem Cell, 2008, 3, 265-278.	5.2	885
190	A Specialized Vascular Niche for Adult Neural Stem Cells. Cell Stem Cell, 2008, 3, 279-288.	5.2	921
191	Persistent inflammation alters the function of the endogenous brain stem cell compartment. Brain, 2008, 131, 2564-2578.	3.7	228
192	Brain-Derived Neurotrophic Factor Signaling Does Not Stimulate Subventricular Zone Neurogenesis in Adult Mice and Rats. Journal of Neuroscience, 2008, 28, 13368-13383.	1.7	116
193	Corrections and Clarifications. Science, 2007, 318, 393-393.	6.0	53
194	In vitro and in vivo arterial differentiation of human multipotent adult progenitor cells. Blood, 2007, 109, 2634-2642.	0.6	88
195	Neoangiogenesis With Endothelial Precursors for the Treatment of Ischemia. Transplantation Proceedings, 2007, 39, 2089-2094.	0.3	21
196	The Human Brain Subventricular Zone: Stem Cells in This Niche and Its Organization. Neurosurgery Clinics of North America, 2007, 18, 15-20.	0.8	58
197	Influence of the substrate's hydrophilicity on thein vitro Schwann cells viability. Journal of Biomedical Materials Research - Part A, 2007, 83A, 463-470.	2.1	39
198	Preservation of glial cytoarchitecture from ex vivo human tumor and non-tumor cerebral cortical explants: A human model to study neurological diseases. Journal of Neuroscience Methods, 2007, 164, 261-270.	1.3	30

#	Article	IF	Citations
199	Environmental enrichment reduces the function of D1 dopamine receptors in the prefrontal cortex of the rat. Journal of Neural Transmission, 2007, 114, 43-48.	1.4	69
200	Origin of Oligodendrocytes in the Subventricular Zone of the Adult Brain. Journal of Neuroscience, 2006, 26, 7907-7918.	1.7	872
201	New Neurons Follow the Flow of Cerebrospinal Fluid in the Adult Brain. Science, 2006, 311, 629-632.	6.0	708
202	Lentiviral Vectors Mediate Efficient and Stable Gene Transfer in Adult Neural Stem CellsIn Vivo. Human Gene Therapy, 2006, 17, 635-650.	1.4	76
203	Magnetic resonance imaging of the migration of neuronal precursors generated in the adult rodent brain. NeuroImage, 2006, 32, 1150-1157.	2.1	137
204	Postnatal Deletion of Numb/Numblike Reveals Repair and Remodeling Capacity in the Subventricular Neurogenic Niche. Cell, 2006, 127, 1253-1264.	13.5	190
205	Environmental enrichment promotes neurogenesis and changes the extracellular concentrations of glutamate and GABA in the hippocampus of aged rats. Brain Research Bulletin, 2006, 70, 8-14.	1.4	138
206	PDGFRÎ±-Positive B Cells Are Neural Stem Cells in the Adult SVZ that Form Glioma-like Growths in Response to Increased PDGF Signaling. Neuron, 2006, 51, 187-199.	3.8	501
207	Binge administration of 3,4-methylenedioxymethamphetamine (â€œecstasyâ€) impairs the survival of neural precursors in adult rat dentate gyrus. Neuropharmacology, 2006, 51, 967-973.	2.0	42
208	Chronic cocaine exposure impairs progenitor proliferation but spares survival and maturation of neural precursors in adult rat dentate gyrus. European Journal of Neuroscience, 2006, 24, 586-594.	1.2	96
209	Modulation of adult hippocampal neurogenesis by thyroid hormones: implications in depressive-like behavior. Molecular Psychiatry, 2006, 11, 361-371.	4.1	140
210	Thymidine Analogs Are Transferred from Prelabeled Donor to Host Cells in the Central Nervous System After Transplantation: A Word of Caution. Stem Cells, 2006, 24, 1121-1127.	1.4	104
211	Survival and differentiation of embryonic neural explants on different biomaterials. Journal of Biomedical Materials Research - Part A, 2006, 79A, 495-502.	2.1	38
212	Cellular composition and cytoarchitecture of the adult human subventricular zone: A niche of neural stem cells. Journal of Comparative Neurology, 2006, 494, 415-434.	0.9	501
213	Can bone marrow-derived multipotent adult progenitor cells regenerate infarcted myocardium?. Cardiovascular Research, 2006, 72, 175-183.	1.8	34
214	Composition and Organization of the SCZ: A Large Germinal Layer Containing Neural Stem Cells in the Adult Mammalian Brain. Cerebral Cortex, 2006, 16, i103-i111.	1.6	114
215	Absence of Dysferlin Alters Myogenin Expression and Delays Human Muscle Differentiation â€œin Vitroâ€. Journal of Biological Chemistry, 2006, 281, 17092-17098.	1.6	88
216	Subventricular Zone-Derived Neuroblasts Migrate and Differentiate into Mature Neurons in the Post-Stroke Adult Striatum. Journal of Neuroscience, 2006, 26, 6627-6636.	1.7	646

#	Article	IF	Citations
217	Loss of p53 Induces Changes in the Behavior of Subventricular Zone Cells: Implication for the Genesis of Glial Tumors. Journal of Neuroscience, 2006, 26, 1107-1116.	1.7	199
218	Lentiviral Vectors Mediate Efficient and Stable Gene Transfer in Adult Neural Stem Cells In Vivo. Human Gene Therapy, 2006, .	1.4	0
219	Functional neural stem cells derived from adult bone marrow. Neuroscience, 2005, 133, 85-95.	1.1	65
220	Adult Ependymal Cells Are Postmitotic and Are Derived from Radial Glial Cells during Embryogenesis. Journal of Neuroscience, 2005, 25, 10-18.	1.7	621
221	Coexistence of Wolbachia with Buchnera aphidicola and a Secondary Symbiont in the Aphid Cinara cedri. Journal of Bacteriology, 2004, 186, 6626-6633.	1.0	119
222	Radial glia give rise to adult neural stem cells in the subventricular zone. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17528-17532.	3.3	727
223	Astrocytic nature of adult neural stem cells in vivo. Research and Perspectives in Neurosciences, 2004, , 43-56.	0.4	1
224	Spontaneous Cardiomyocyte Differentiation From Adipose Tissue Stroma Cells. Circulation Research, 2004, 94, 223-229.	2.0	613
225	Cell types, lineage, and architecture of the germinal zone in the adult dentate gyrus. Journal of Comparative Neurology, 2004, 478, 359-378.	0.9	552
226	Fusion of bone-marrow-derived cells with Purkinje neurons, cardiomyocytes and hepatocytes. Nature, 2003, 425, 968-973.	13.7	1,545
227	Postnatal Development of Radial Glia and the Ventricular Zone (VZ): a Continuum of the Neural Stem Cell Compartment. Cerebral Cortex, 2003, 13, 580-587.	1.6	327
228	Nuclear Translocation of Nuclear Transcription Factor-ÎºB by Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptors Leads to Transcription of p53 and Cell Death in Dopaminergic Neurons. Molecular Pharmacology, 2003, 63, 784-790.	1.0	37
229	Selective impairment of hippocampal neurogenesis by chronic alcoholism: Protective effects of an antioxidant. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7919-7924.	3.3	239
230	EGF Converts Transit-Amplifying Neurogenic Precursors in the Adult Brain into Multipotent Stem Cells. Neuron, 2002, 36, 1021-1034.	3.8	971
231	The proliferative ventricular zone in adult vertebrates: a comparative study using reptiles, birds, and mammals. Brain Research Bulletin, 2002, 57, 765-775.	1.4	179
232	Stem cells, neurotrophins and transplantation: a new era in brain repair. Brain Research Bulletin, 2002, 57, 735-736.	1.4	3
233	Neurogenesis in Adult Subventricular Zone. Journal of Neuroscience, 2002, 22, 629-634.	1.7	1,275
234	Astrocytes Give Rise to New Neurons in the Adult Mammalian Hippocampus. Journal of Neuroscience, 2001, 21, 7153-7160.	1.7	1,366

#	Article	IF	Citations
235	A unified hypothesis on the lineage of neural stem cells. Nature Reviews Neuroscience, 2001, 2, 287-293.	4.9	916
236	Neurogenesis and Neuronal Regeneration in the Adult Reptilian Brain. Brain, Behavior and Evolution, 2001, 58, 276-295.	0.9	134
237	Disruption of Eph/ephrin signaling affects migration and proliferation in the adult subventricular zone. Nature Neuroscience, 2000, 3, 1091-1097.	7.1	450
238	Noggin Antagonizes BMP Signaling to Create a Niche for Adult Neurogenesis. Neuron, 2000, 28, 713-726.	3.8	999
239	Mice Lacking Î±-Synuclein Display Functional Deficits in the Nigrostriatal Dopamine System. Neuron, 2000, 25, 239-252.	3.8	1,573
240	Regeneration of a germinal layer in the adult mammalian brain. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11619-11624.	3.3	581
241	Young neurons from medial ganglionic eminence disperse in adult and embryonic brain. Nature Neuroscience, 1999, 2, 461-466.	7.1	445
242	Adult-derived neural precursors transplanted into multiple regions in the adult brain. Annals of Neurology, 1999, 46, 867-877.	2.8	193
243	Subventricular Zone Astrocytes Are Neural Stem Cells in the Adult Mammalian Brain. Cell, 1999, 97, 703-716.	13.5	3,557
244	Architecture and cell types of the adult subventricular zone: In search of the stem cells. Journal of Neurobiology, 1998, 36, 234-248.	3.7	434
245	Trigeminal Projections to the Dorsal Thalamus in a Lacertid Lizard, Podarcis hispanica. Brain, Behavior and Evolution, 1998, 52, 99-110.	0.9	13
246	Primary Neural Precursors and Intermitotic Nuclear Migration in the Ventricular Zone of Adult Canaries. Journal of Neuroscience, 1998, 18, 1020-1037.	1.7	134
247	Direct Evidence for Homotypic, Glia-Independent Neuronal Migration. Neuron, 1997, 18, 779-791.	3.8	398
248	3-Acetylpyridine-induced degeneration and regeneration in the adult lizard brain: a qualitative and quantitative analysis. Brain Research, 1997, 754, 245-259.	1.1	36
249	Postnatal neurogenesis in the telencephalon of turtles: evidence for nonradial migration of new neurons from distant proliferative ventricular zones to the olfactory bulbs. Developmental Brain Research, 1997, 101, 125-137.	2.1	48
250	Chronic stress alters synaptic terminal structure in hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 14002-14008.	3.3	472
251	Cellular Composition and Three-Dimensional Organization of the Subventricular Germinal Zone in the Adult Mammalian Brain. Journal of Neuroscience, 1997, 17, 5046-5061.	1.7	1,670
252	Chain Migration of Neuronal Precursors. Science, 1996, 271, 978-981.	6.0	1,229

#	Article	IF	Citations
253	Distribution of basal- expressed c-fos-like immunoreactive cells of the periaqueductal grey matter of the rat. NeuroReport, 1996, 7, 2749-2752.	0.6	4
254	Adult neurogenesis in the telencephalon of a lizard: a [3H]thymidine autoradiographic and bromodeoxyuridine immunocytochemical study. Developmental Brain Research, 1996, 93, 49-61.	2.1	81
255	Neuronâ€"Glia Interrelations During 3-Acetylpyridine-Induced Degeneration and Regeneration in the Adult Lizard Brain. , 1995, , 275-302.		3
256	Neuron regeneration reverses 3-acetylpyridine-induced cell loss in the cerebral cortex of adult lizards. Brain Research, 1991, 551, 230-235.	1.1	39
257	Late generated neurons in the medial cortex of adult lizards send axons that reach the Timm-reactive zones. Developmental Brain Research, 1990, 57, 249-254.	2.1	44
258	Postnatal Neurogenesis in the Brain of the Lizard Podarcis hispanica. , 1990, , 103-117.		6
259	Postnatal neurogenesis in the nucleus sphericus of the lizard, Podarcis hispanica. Neuroscience Letters, 1989, 106, 71-75.	1.0	43
260	Postnatal neurogenesis in the olfactory bulbs of a lizard. A tritiated thymidine autoradiographic study. Neuroscience Letters, 1989, 98, 247-252.	1.0	50
261	Long-spined polymorphic neurons of the medial cortex of lizards: A Golgi, timm, and electron-microscopic study. Journal of Comparative Neurology, 1988, 272, 409-423.	0.9	24
262	Delayed postnatal neurogenesis in the cerebral cortex of lizards. Developmental Brain Research, 1988, 43, 167-174.	2.1	115
263	Presence and distribution of histaminergic components in rat and bovine retina. Neurochemistry International, 1988, 13, 97-104.	1.9	10
264	Ultrastructure of putative migrating cells in the cerebral cortex ofLacerta galloti. Journal of Morphology, 1986, 189, 189-197.	0.6	42
265	Neuron-Glia Interrelations During 3-Acetylpyridine-Induced Degeneration and Regeneration in the Adult Lizard Brain. , 0, , 275-302.		1
266	Rnd3 Expression is Necessary to Maintain Mitochondrial Homeostasis but Dispensable for Autophagy. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	4