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	Subventricular Zone Astrocytes Are Neural Stem Cells in the Adult Mammalian Brain. Cell, 1999, 97, 703-716.	13.5	3,557
2	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
3	Mice Lacking Î±-Synuclein Display Functional Deficits in the Nigrostriatal Dopamine System. Neuron, 2000, 25, 239-252.	3.8	1,573
4	Fusion of bone-marrow-derived cells with Purkinje neurons, cardiomyocytes and hepatocytes. Nature, 2003, 425, 968-973.	13.7	1,545
5	Astrocytes Give Rise to New Neurons in the Adult Mammalian Hippocampus. Journal of Neuroscience, 2001, 21, 7153-7160.	1.7	1,366
6	Neurogenesis in Adult Subventricular Zone. Journal of Neuroscience, 2002, 22, 629-634.	1.7	1,275
7	Chain Migration of Neuronal Precursors. Science, 1996, 271, 978-981.	6.0	1,229
8	Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults. Nature, 2018, 555, 377-381.	13.7	1,074
9	Noggin Antagonizes BMP Signaling to Create a Niche for Adult Neurogenesis. Neuron, 2000, 28, 713-726.	3.8	999
10	EGF Converts Transit-Amplifying Neurogenic Precursors in the Adult Brain into Multipotent Stem Cells. Neuron, 2002, 36, 1021-1034.	3.8	971
11	A Specialized Vascular Niche for Adult Neural Stem Cells. Cell Stem Cell, 2008, 3, 279-288.	5.2	921
12	A unified hypothesis on the lineage of neural stem cells. Nature Reviews Neuroscience, 2001, 2, 287-293.	4.9	916
13	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
14	Origin of Oligodendrocytes in the Subventricular Zone of the Adult Brain. Journal of Neuroscience, 2006, 26, 7907-7918.	1.7	872
15	Corridors of migrating neurons in the human brain and their decline during infancy. Nature, 2011, 478, 382-386.	13.7	741
16	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
17	New Neurons Follow the Flow of Cerebrospinal Fluid in the Adult Brain. Science, 2006, 311, 629-632.	6.0	708
18	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

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19	Adult Ependymal Cells Are Postmitotic and Are Derived from Radial Glial Cells during Embryogenesis. Journal of Neuroscience, 2005, 25, 10-18.	1.7	621
20	Spontaneous Cardiomyocyte Differentiation From Adipose Tissue Stroma Cells. Circulation Research, 2004, 94, 223-229.	2.0	613
21	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
22	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition. Nature Genetics, 2011, 43, 776-784.	9.4	556
23	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
24	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
25	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
26	Hedgehog signaling and primary cilia are required for the formation of adult neural stem cells. Nature Neuroscience, 2008, 11, 277-284.	7.1	476
27	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
28	Disruption of Eph/ephrin signaling affects migration and proliferation in the adult subventricular zone. Nature Neuroscience, 2000, 3, 1091-1097.	7.1	450
29	Young neurons from medial ganglionic eminence disperse in adult and embryonic brain. Nature Neuroscience, 1999, 2, 461-466.	7.1	445
30	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
31	Direct Evidence for Homotypic, Glia-Independent Neuronal Migration. Neuron, 1997, 18, 779-791.	3.8	398
32	Chromatin remodelling factor Mll1 is essential for neurogenesis from postnatal neural stem cells. Nature, 2009, 458, 529-533.	13.7	356
33	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
34	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
35	Intrinsically determined cell death of developing cortical interneurons. Nature, 2012, 491, 109-113.	13.7	293
36	Extensive migration of young neurons into the infant human frontal lobe. Science, 2016, 354, .	6.0	293

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37	An Actin Network Dispatches Ciliary GPCRs into Extracellular Vesicles to Modulate Signaling. Cell, 2017, 168, 252-263.e14.	13.5	290
38	Hyperammonemia Induces Neuroinflammation That Contributes to Cognitive Impairment in Rats With Hepatic Encephalopathy. Gastroenterology, 2010, 139, 675-684.	0.6	278
39	Primary cilia are required for cerebellar development and Shh-dependent expansion of progenitor pool. Developmental Biology, 2008, 317, 246-259.	0.9	270
40	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
41	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
42	Ofd1, a Human Disease Gene, Regulates the Length and Distal Structure of Centrioles. Developmental Cell, 2010, 18, 410-424.	3.1	239
43	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
44	Persistent inflammation alters the function of the endogenous brain stem cell compartment. Brain, 2008, 131, 2564-2578.	3.7	228
45	Cilia Organize Ependymal Planar Polarity. Journal of Neuroscience, 2010, 30, 2600-2610.	1.7	218
46	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
47	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
48	Lymphatic endothelial progenitors bud from the cardinal vein and intersomitic vessels in mammalian embryos. Blood, 2012, 120, 2340-2348.	0.6	196
49	Adult-derived neural precursors transplanted into multiple regions in the adult brain. Annals of Neurology, 1999, 46, 867-877.	2.8	193
50	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
51	Postnatal Deletion of Numb/Numblike Reveals Repair and Remodeling Capacity in the Subventricular Neurogenic Niche. Cell, 2006, 127, 1253-1264.	13.5	190
52	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
53	Adult Neurogenesis Is Sustained by Symmetric Self-Renewal and Differentiation. Cell Stem Cell, 2018, 22, 221-234.e8.	5.2	184
54	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

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55	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
56	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
57	Proliferation in the human ipsilateral subventricular zone after ischemic stroke. Neurology, 2010, 74, 357-365.	1.5	174
58	IGFâ€Ł stimulates neurogenesis in the hypothalamus of adult rats. European Journal of Neuroscience, 2010, 31, 1533-1548.	1.2	146
59	Vascular endothelial growth factor receptor 3 directly regulates murine neurogenesis. Genes and Development, 2011, 25, 831-844.	2.7	145
60	Modulation of adult hippocampal neurogenesis by thyroid hormones: implications in depressive-like behavior. Molecular Psychiatry, 2006, 11, 361-371.	4.1	140
61	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
62	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
63	Magnetic resonance imaging of the migration of neuronal precursors generated in the adult rodent brain. NeuroImage, 2006, 32, 1150-1157.	2.1	137
64	Disruption of a Ciliary B9 Protein Complex Causes Meckel Syndrome. American Journal of Human Genetics, 2011, 89, 94-110.	2.6	136
65	Primary Neural Precursors and Intermitotic Nuclear Migration in the Ventricular Zone of Adult Canaries. Journal of Neuroscience, 1998, 18, 1020-1037.	1.7	134
66	Neurogenesis and Neuronal Regeneration in the Adult Reptilian Brain. Brain, Behavior and Evolution, 2001, 58, 276-295.	0.9	134
67	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
68	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
69	The oral-facial-digital syndrome gene C2CD3 encodes a positive regulator of centriole elongation. Nature Genetics, 2014, 46, 905-911.	9.4	121
70	Loss of Dishevelleds Disrupts Planar Polarity in Ependymal Motile Cilia and Results in Hydrocephalus. Neuron, 2014, 83, 558-571.	3.8	121
71	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
72	Whole-epigenome analysis in multiple myeloma reveals DNA hypermethylation of B cell-specific enhancers. Genome Research, 2015, 25, 478-487.	2.4	118

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73	Axonal Control of the Adult Neural Stem Cell Niche. Cell Stem Cell, 2014, 14, 500-511.	5.2	117
74	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
75	Delayed postnatal neurogenesis in the cerebral cortex of lizards. Developmental Brain Research, 1988, 43, 167-174.	2.1	115
76	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
77	Ank3-Dependent SVZ Niche Assembly Is Required for the Continued Production of New Neurons. Neuron, 2011, 71, 61-75.	3.8	112
78	Brain size and limits to adult neurogenesis. Journal of Comparative Neurology, 2016, 524, 646-664.	0.9	107
79	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
80	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
81	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
82	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
83	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
84	Does Adult Neurogenesis Persist in the Human Hippocampus?. Cell Stem Cell, 2018, 23, 780-781.	5.2	95
85	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
86	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
87	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
88	In vitro and in vivo arterial differentiation of human multipotent adult progenitor cells. Blood, 2007, 109, 2634-2642.	0.6	88
89	An O2-Sensitive Glomus Cell-Stem Cell Synapse Induces Carotid Body Growth in Chronic Hypoxia. Cell, 2014, 156, 291-303.	13.5	88
90	Meox2/Tcf15 Heterodimers Program the Heart Capillary Endothelium for Cardiac Fatty Acid Uptake. Circulation, 2015, 131, 815-826.	1.6	88

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91	Age-related changes in astrocytic and ependymal cells of the subventricular zone. Glia, 2014, 62, 790-803.	2.5	86
92	Melatonin protects rats from radiotherapy-induced small intestine toxicity. PLoS ONE, 2017, 12, e0174474.	1.1	86
93	Î²1 integrin signaling promotes neuronal migration along vascular scaffolds in the post-stroke brain. EBioMedicine, 2017, 16, 195-203.	2.7	84
94	Biciliated ependymal cell proliferation contributes to spinal cord growth. Journal of Comparative Neurology, 2012, 520, 3528-3552.	0.9	82
95	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
96	Bi- and uniciliated ependymal cells define continuous floor-plate-derived tanycytic territories. Nature Communications, 2017, 8, 13759.	5.8	80
97	Melatonin enhances neural stem cell differentiation and engraftment by increasing mitochondrial function. Journal of Pineal Research, 2017, 63, e12415.	3.4	78
98	Lentiviral Vectors Mediate Efficient and Stable Gene Transfer in Adult Neural Stem CellsIn Vivo. Human Gene Therapy, 2006, 17, 635-650.	1.4	76
99	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
100	Immunological regulation of neurogenic niches in the adult brain. Neuroscience, 2012, 226, 270-281.	1.1	76
101	Temporal dynamics of hippocampal neurogenesis in chronic neurodegeneration. Brain, 2014, 137, 2312-2328.	3.7	74
102	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
103	Kif3a interacts with Dynactin subunit p150Glued to organize centriole subdistal appendages. EMBO Journal, 2013, 32, 597-607.	3.5	73
104	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
105	Reversible neural stem cell niche dysfunction in a model of multiple sclerosis. Annals of Neurology, 2011, 69, 878-891.	2.8	72
106	GSK3Î² overexpression induces neuronal death and a depletion of the neurogenic niches in the dentate gyrus. Hippocampus, 2011, 21, 910-922.	0.9	71
107	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
108	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

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109	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
110	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
111	Therapeutic Effects of hMAPC and hMSC Transplantation after Stroke in Mice. PLoS ONE, 2012, 7, e43683.	1.1	68
112	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
113	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. Brain, 2012, 135, 3320-3335.	3.7	67
114	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
115	The aged brain: genesis and fate of residual progenitor cells in the subventricular zone. Frontiers in Cellular Neuroscience, 2015, 9, 365.	1.8	66
116	Functional neural stem cells derived from adult bone marrow. Neuroscience, 2005, 133, 85-95.	1.1	65
117	Substrate Stiffness and Composition Specifically Direct Differentiation of Induced Pluripotent Stem Cells. Tissue Engineering - Part A, 2015, 21, 1633-1641.	1.6	65
118	The LIM Homeodomain Factor Lhx2 Is Required for Hypothalamic Tanycyte Specification and Differentiation. Journal of Neuroscience, 2014, 34, 16809-16820.	1.7	63
119	Radial Glial Fibers Promote Neuronal Migration and Functional Recovery after Neonatal Brain Injury. Cell Stem Cell, 2018, 22, 128-137.e9.	5.2	63
120	Adult Neural Stem Cells From the Subventricular Zone: A Review of the Neurosphere Assay. Anatomical Record, 2013, 296, 1435-1452.	0.8	62
121	Single-cell analysis of the ventricular-subventricular zone reveals signatures of dorsal and ventral adult neurogenesis. ELife, 2021, 10, .	2.8	62
122	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
123	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
124	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
125	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
126	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

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127	Membrane-Derived Phospholipids Control Synaptic Neurotransmission and Plasticity. PLoS Biology, 2015, 13, e1002153.	2.6	57
128	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
129	Corrections and Clarifications. Science, 2007, 318, 393-393.	6.0	53
130	Wnt-Dependent Oligodendroglial-Endothelial Interactions Regulate White Matter Vascularization and Attenuate Injury. Neuron, 2020, 108, 1130-1145.e5.	3.8	52
131	Postnatal neurogenesis in the olfactory bulbs of a lizard. A tritiated thymidine autoradiographic study. Neuroscience Letters, 1989, 98, 247-252.	1.0	50
132	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
133	Dual effects of increased glycogen synthase kinase-3Î² activity on adult neurogenesis. Human Molecular Genetics, 2013, 22, 1300-1315.	1.4	49
134	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
135	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
136	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
137	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
138	Therapeutic Potential of Human Adipose-Derived Stem Cells (ADSCs) from Cancer Patients: A Pilot Study. PLoS ONE, 2014, 9, e113288.	1.1	47
139	Mechanosensory Genes Pkd1 and Pkd2 Contribute to the Planar Polarization of Brain Ventricular Epithelium. Journal of Neuroscience, 2015, 35, 11153-11168.	1.7	47
140	Amyotrophic lateral sclerosis modifies progenitor neural proliferation in adult classic neurogenic brain niches. BMC Neurology, 2017, 17, 173.	0.8	46
141	The generation of oligodendroglial cells is preserved in the rostral migratory stream during aging. Frontiers in Cellular Neuroscience, 2013, 7, 147.	1.8	45
142	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
143	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
144	Postnatal neurogenesis in the nucleus sphericus of the lizard, Podarcis hispanica. Neuroscience Letters, 1989, 106, 71-75.	1.0	43

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145	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
146	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
147	Ultrastructure of putative migrating cells in the cerebral cortex ofLacerta galloti. Journal of Morphology, 1986, 189, 189-197.	0.6	42
148	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
149	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
150	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
151	Neuron regeneration reverses 3-acetylpyridine-induced cell loss in the cerebral cortex of adult lizards. Brain Research, 1991, 551, 230-235.	1.1	39
152	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
153	Survival and differentiation of embryonic neural explants on different biomaterials. Journal of Biomedical Materials Research - Part A, 2006, 79A, 495-502.	2.1	38
154	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
155	Mesenchymal Stem Cells Improve Motor Functions and Decrease Neurodegeneration in Ataxic Mice. Molecular Therapy, 2015, 23, 130-138.	3.7	38
156	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
157	Neurotoxicity and persistent cognitive deficits induced by combined MDMA and alcohol exposure in adolescent rats. Addiction Biology, 2010, 15, 413-423.	1.4	37
158	Longitudinally extensive transverse myelitis with AQP4 antibodies revealing ovarian teratoma. Journal of Neuroimmunology, 2013, 263, 145-147.	1.1	37
159	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
160	2-Hydroxyoleic Acid Induces ER Stress and Autophagy in Various Human Glioma Cell Lines. PLoS ONE, 2012, 7, e48235.	1.1	37
161	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
162	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

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163	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
164	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
165	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
166	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
167	Perineuronal net formation during the critical period for neuronal maturation in the hypothalamic arcuate nucleus. Nature Metabolism, 2019, 1, 212-221.	5.1	35
168	Can bone marrow-derived multipotent adult progenitor cells regenerate infarcted myocardium?. Cardiovascular Research, 2006, 72, 175-183.	1.8	34
169	Dual roles of AÎ² in proliferative processes in an amyloidogenic model of Alzheimerâ€™s disease. Scientific Reports, 2017, 7, 10085.	1.6	34
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