

JosÃ© M GarcÃ-a-Verdugo

List of Publications by Year in descending order

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266
papers

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docs citations

279
times ranked

34353
citing authors

#	ARTICLE	IF	CITATIONS
1	Subventricular Zone Astrocytes Are Neural Stem Cells in the Adult Mammalian Brain. <i>Cell</i> , 1999, 97, 703-716.	28.9	3,557
2	Cellular Composition and Three-Dimensional Organization of the Subventricular Germinal Zone in the Adult Mammalian Brain. <i>Journal of Neuroscience</i> , 1997, 17, 5046-5061.	3.6	1,670
3	Mice Lacking $\hat{1}\pm$ -Synuclein Display Functional Deficits in the Nigrostriatal Dopamine System. <i>Neuron</i> , 2000, 25, 239-252.	8.1	1,573
4	Fusion of bone-marrow-derived cells with Purkinje neurons, cardiomyocytes and hepatocytes. <i>Nature</i> , 2003, 425, 968-973.	27.8	1,545
5	Astrocytes Give Rise to New Neurons in the Adult Mammalian Hippocampus. <i>Journal of Neuroscience</i> , 2001, 21, 7153-7160.	3.6	1,366
6	Neurogenesis in Adult Subventricular Zone. <i>Journal of Neuroscience</i> , 2002, 22, 629-634.	3.6	1,275
7	Chain Migration of Neuronal Precursors. <i>Science</i> , 1996, 271, 978-981.	12.6	1,229
8	Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults. <i>Nature</i> , 2018, 555, 377-381.	27.8	1,074
9	Noggin Antagonizes BMP Signaling to Create a Niche for Adult Neurogenesis. <i>Neuron</i> , 2000, 28, 713-726.	8.1	999
10	EGF Converts Transit-Amplifying Neurogenic Precursors in the Adult Brain into Multipotent Stem Cells. <i>Neuron</i> , 2002, 36, 1021-1034.	8.1	971
11	A Specialized Vascular Niche for Adult Neural Stem Cells. <i>Cell Stem Cell</i> , 2008, 3, 279-288.	11.1	921
12	A unified hypothesis on the lineage of neural stem cells. <i>Nature Reviews Neuroscience</i> , 2001, 2, 287-293.	10.2	916
13	Neural Stem Cells Confer Unique Pinwheel Architecture to the Ventricular Surface in Neurogenic Regions of the Adult Brain. <i>Cell Stem Cell</i> , 2008, 3, 265-278.	11.1	885
14	Origin of Oligodendrocytes in the Subventricular Zone of the Adult Brain. <i>Journal of Neuroscience</i> , 2006, 26, 7907-7918.	3.6	872
15	Corridors of migrating neurons in the human brain and their decline during infancy. <i>Nature</i> , 2011, 478, 382-386.	27.8	741
16	Radial glia give rise to adult neural stem cells in the subventricular zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 17528-17532.	7.1	727
17	New Neurons Follow the Flow of Cerebrospinal Fluid in the Adult Brain. <i>Science</i> , 2006, 311, 629-632.	12.6	708
18	Subventricular Zone-Derived Neuroblasts Migrate and Differentiate into Mature Neurons in the Post-Stroke Adult Striatum. <i>Journal of Neuroscience</i> , 2006, 26, 6627-6636.	3.6	646

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19	Adult Ependymal Cells Are Postmitotic and Are Derived from Radial Glial Cells during Embryogenesis. <i>Journal of Neuroscience</i> , 2005, 25, 10-18.	3.6	621
20	Spontaneous Cardiomyocyte Differentiation From Adipose Tissue Stroma Cells. <i>Circulation Research</i> , 2004, 94, 223-229.	4.5	613
21	Regeneration of a germinal layer in the adult mammalian brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11619-11624.	7.1	581
22	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition. <i>Nature Genetics</i> , 2011, 43, 776-784.	21.4	556
23	Cell types, lineage, and architecture of the germinal zone in the adult dentate gyrus. <i>Journal of Comparative Neurology</i> , 2004, 478, 359-378.	1.6	552
24	PDGFR β -Positive B Cells Are Neural Stem Cells in the Adult SVZ that Form Glioma-like Growths in Response to Increased PDGF Signaling. <i>Neuron</i> , 2006, 51, 187-199.	8.1	501
25	Cellular composition and cytoarchitecture of the adult human subventricular zone: A niche of neural stem cells. <i>Journal of Comparative Neurology</i> , 2006, 494, 415-434.	1.6	501
26	Hedgehog signaling and primary cilia are required for the formation of adult neural stem cells. <i>Nature Neuroscience</i> , 2008, 11, 277-284.	14.8	476
27	Chronic stress alters synaptic terminal structure in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 14002-14008.	7.1	472
28	Disruption of Eph/ephrin signaling affects migration and proliferation in the adult subventricular zone. <i>Nature Neuroscience</i> , 2000, 3, 1091-1097.	14.8	450
29	Young neurons from medial ganglionic eminence disperse in adult and embryonic brain. <i>Nature Neuroscience</i> , 1999, 2, 461-466.	14.8	445
30	Architecture and cell types of the adult subventricular zone: In search of the stem cells. <i>Journal of Neurobiology</i> , 1998, 36, 234-248.	3.6	434
31	Direct Evidence for Homotypic, Glia-Independent Neuronal Migration. <i>Neuron</i> , 1997, 18, 779-791.	8.1	398
32	Chromatin remodelling factor Mll1 is essential for neurogenesis from postnatal neural stem cells. <i>Nature</i> , 2009, 458, 529-533.	27.8	356
33	Human Dental Pulp Stem Cells Improve Left Ventricular Function, Induce Angiogenesis, and Reduce Infarct Size in Rats with Acute Myocardial Infarction. <i>Stem Cells</i> , 2008, 26, 638-645.	3.2	337
34	Postnatal Development of Radial Glia and the Ventricular Zone (VZ): a Continuum of the Neural Stem Cell Compartment. <i>Cerebral Cortex</i> , 2003, 13, 580-587.	2.9	327
35	Intrinsically determined cell death of developing cortical interneurons. <i>Nature</i> , 2012, 491, 109-113.	27.8	293
36	Extensive migration of young neurons into the infant human frontal lobe. <i>Science</i> , 2016, 354, .	12.6	293

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37	An Actin Network Dispatches Ciliary GPCRs into Extracellular Vesicles to Modulate Signaling. <i>Cell</i> , 2017, 168, 252-263.e14.	28.9	290
38	Hyperammonemia Induces Neuroinflammation That Contributes to Cognitive Impairment in Rats With Hepatic Encephalopathy. <i>Gastroenterology</i> , 2010, 139, 675-684.	1.3	278
39	Primary cilia are required for cerebellar development and Shh-dependent expansion of progenitor pool. <i>Developmental Biology</i> , 2008, 317, 246-259.	2.0	270
40	Extracellular Vesicles from Neural Stem Cells Transfer IFN- β via Ifngr1 to Activate Stat1 Signaling in Target Cells. <i>Molecular Cell</i> , 2014, 56, 193-204.	9.7	258
41	Selective impairment of hippocampal neurogenesis by chronic alcoholism: Protective effects of an antioxidant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7919-7924.	7.1	239
42	Odf1, a Human Disease Gene, Regulates the Length and Distal Structure of Centrioles. <i>Developmental Cell</i> , 2010, 18, 410-424.	7.0	239
43	Cell-Free Nucleic Acids Circulating in the Plasma of Colorectal Cancer Patients Induce the Oncogenic Transformation of Susceptible Cultured Cells. <i>Cancer Research</i> , 2010, 70, 560-567.	0.9	230
44	Persistent inflammation alters the function of the endogenous brain stem cell compartment. <i>Brain</i> , 2008, 131, 2564-2578.	7.6	228
45	Cilia Organize Ependymal Planar Polarity. <i>Journal of Neuroscience</i> , 2010, 30, 2600-2610.	3.6	218
46	Loss of p53 Induces Changes in the Behavior of Subventricular Zone Cells: Implication for the Genesis of Glial Tumors. <i>Journal of Neuroscience</i> , 2006, 26, 1107-1116.	3.6	199
47	Epidermal Growth Factor Induces the Progeny of Subventricular Zone Type B Cells to Migrate and Differentiate into Oligodendrocytes. <i>Stem Cells</i> , 2009, 27, 2032-2043.	3.2	196
48	Lymphatic endothelial progenitors bud from the cardinal vein and intersomitic vessels in mammalian embryos. <i>Blood</i> , 2012, 120, 2340-2348.	1.4	196
49	Adult-derived neural precursors transplanted into multiple regions in the adult brain. <i>Annals of Neurology</i> , 1999, 46, 867-877.	5.3	193
50	Transplanted neural stem/precursor cells instruct phagocytes and reduce secondary tissue damage in the injured spinal cord. <i>Brain</i> , 2012, 135, 447-460.	7.6	192
51	Postnatal Deletion of Numb/Numbl-like Reveals Repair and Remodeling Capacity in the Subventricular Neurogenic Niche. <i>Cell</i> , 2006, 127, 1253-1264.	28.9	190
52	Reduction of seizures by transplantation of cortical GABAergic interneuron precursors into Kv1.1 mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15472-15477.	7.1	187
53	Adult Neurogenesis Is Sustained by Symmetric Self-Renewal and Differentiation. <i>Cell Stem Cell</i> , 2018, 22, 221-234.e8.	11.1	184
54	Oxidative stress in retinal pigment epithelium cells increases exosome secretion and promotes angiogenesis in endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1457-1466.	3.6	180

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55	The proliferative ventricular zone in adult vertebrates: a comparative study using reptiles, birds, and mammals. <i>Brain Research Bulletin</i> , 2002, 57, 765-775.	3.0	179
56	Abnormal accumulation of autophagic vesicles correlates with axonal and synaptic pathology in young Alzheimer's mice hippocampus. <i>Acta Neuropathologica</i> , 2012, 123, 53-70.	7.7	179
57	Proliferation in the human ipsilateral subventricular zone after ischemic stroke. <i>Neurology</i> , 2010, 74, 357-365.	1.1	174
58	IGF1 stimulates neurogenesis in the hypothalamus of adult rats. <i>European Journal of Neuroscience</i> , 2010, 31, 1533-1548.	2.6	146
59	Vascular endothelial growth factor receptor 3 directly regulates murine neurogenesis. <i>Genes and Development</i> , 2011, 25, 831-844.	5.9	145
60	Modulation of adult hippocampal neurogenesis by thyroid hormones: implications in depressive-like behavior. <i>Molecular Psychiatry</i> , 2006, 11, 361-371.	7.9	140
61	Cardiac Differentiation Is Driven by NKX2.5 and GATA4 Nuclear Translocation in Tissue-Specific Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2009, 18, 907-918.	2.1	140
62	Environmental enrichment promotes neurogenesis and changes the extracellular concentrations of glutamate and GABA in the hippocampus of aged rats. <i>Brain Research Bulletin</i> , 2006, 70, 8-14.	3.0	138
63	Magnetic resonance imaging of the migration of neuronal precursors generated in the adult rodent brain. <i>NeuroImage</i> , 2006, 32, 1150-1157.	4.2	137
64	Disruption of a Ciliary B9 Protein Complex Causes Meckel Syndrome. <i>American Journal of Human Genetics</i> , 2011, 89, 94-110.	6.2	136
65	Primary Neural Precursors and Intermitotic Nuclear Migration in the Ventricular Zone of Adult Canaries. <i>Journal of Neuroscience</i> , 1998, 18, 1020-1037.	3.6	134
66	Neurogenesis and Neuronal Regeneration in the Adult Reptilian Brain. <i>Brain, Behavior and Evolution</i> , 2001, 58, 276-295.	1.7	134
67	Vascular-derived TGF β 2 increases in the stem cell niche and perturbs neurogenesis during aging and following irradiation in the adult mouse brain. <i>EMBO Molecular Medicine</i> , 2013, 5, 548-562.	6.9	124
68	Immune Regulatory Neural Stem/Precursor Cells Protect from Central Nervous System Autoimmunity by Restraining Dendritic Cell Function. <i>PLoS ONE</i> , 2009, 4, e5959.	2.5	122
69	The oral-facial-digital syndrome gene C2CD3 encodes a positive regulator of centriole elongation. <i>Nature Genetics</i> , 2014, 46, 905-911.	21.4	121
70	Loss of Dishevelleds Disrupts Planar Polarity in Ependymal Motile Cilia and Results in Hydrocephalus. <i>Neuron</i> , 2014, 83, 558-571.	8.1	121
71	Coexistence of Wolbachia with Buchnera aphidicola and a Secondary Symbiont in the Aphid Cinara cedri. <i>Journal of Bacteriology</i> , 2004, 186, 6626-6633.	2.2	119
72	Whole-genome analysis in multiple myeloma reveals DNA hypermethylation of B cell-specific enhancers. <i>Genome Research</i> , 2015, 25, 478-487.	5.5	118

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73	Axonal Control of the Adult Neural Stem Cell Niche. <i>Cell Stem Cell</i> , 2014, 14, 500-511.	11.1	117
74	Brain-Derived Neurotrophic Factor Signaling Does Not Stimulate Subventricular Zone Neurogenesis in Adult Mice and Rats. <i>Journal of Neuroscience</i> , 2008, 28, 13368-13383.	3.6	116
75	Delayed postnatal neurogenesis in the cerebral cortex of lizards. <i>Developmental Brain Research</i> , 1988, 43, 167-174.	1.7	115
76	Composition and Organization of the SCZ: A Large Germinal Layer Containing Neural Stem Cells in the Adult Mammalian Brain. <i>Cerebral Cortex</i> , 2006, 16, i103-i111.	2.9	114
77	Ank3-Dependent SVZ Niche Assembly Is Required for the Continued Production of New Neurons. <i>Neuron</i> , 2011, 71, 61-75.	8.1	112
78	Brain size and limits to adult neurogenesis. <i>Journal of Comparative Neurology</i> , 2016, 524, 646-664.	1.6	107
79	Thymidine Analogs Are Transferred from Prelabeled Donor to Host Cells in the Central Nervous System After Transplantation: A Word of Caution. <i>Stem Cells</i> , 2006, 24, 1121-1127.	3.2	104
80	Activated EGFR signaling increases proliferation, survival, and migration and blocks neuronal differentiation in post-natal neural stem cells. <i>Journal of Neuro-Oncology</i> , 2010, 97, 323-337.	2.9	104
81	Inflammation-induced subventricular zone dysfunction leads to olfactory deficits in a targeted mouse model of multiple sclerosis. <i>Journal of Clinical Investigation</i> , 2011, 121, 4722-4734.	8.2	103
82	Chronic cocaine exposure impairs progenitor proliferation but spares survival and maturation of neural precursors in adult rat dentate gyrus. <i>European Journal of Neuroscience</i> , 2006, 24, 586-594.	2.6	96
83	2-Hydroxyoleate, a nontoxic membrane binding anticancer drug, induces glioma cell differentiation and autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8489-8494.	7.1	95
84	Does Adult Neurogenesis Persist in the Human Hippocampus?. <i>Cell Stem Cell</i> , 2018, 23, 780-781.	11.1	95
85	Epicardial delivery of collagen patches with adipose-derived stem cells in rat and minipig models of chronic myocardial infarction. <i>Biomaterials</i> , 2014, 35, 143-151.	11.4	90
86	Positive Controls in Adults and Children Support That Very Few, If Any, New Neurons Are Born in the Adult Human Hippocampus. <i>Journal of Neuroscience</i> , 2021, 41, 2554-2565.	3.6	90
87	Absence of Dysferlin Alters Myogenin Expression and Delays Human Muscle Differentiation <i>in Vitro</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 17092-17098.	3.4	88
88	In vitro and in vivo arterial differentiation of human multipotent adult progenitor cells. <i>Blood</i> , 2007, 109, 2634-2642.	1.4	88
89	An O ₂ -Sensitive Glomus Cell-Stem Cell Synapse Induces Carotid Body Growth in Chronic Hypoxia. <i>Cell</i> , 2014, 156, 291-303.	28.9	88
90	Meox2/Tcf15 Heterodimers Program the Heart Capillary Endothelium for Cardiac Fatty Acid Uptake. <i>Circulation</i> , 2015, 131, 815-826.	1.6	88

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91	Age-related changes in astrocytic and ependymal cells of the subventricular zone. <i>Glia</i> , 2014, 62, 790-803.	4.9	86
92	Melatonin protects rats from radiotherapy-induced small intestine toxicity. <i>PLoS ONE</i> , 2017, 12, e0174474.	2.5	86
93	β 1 integrin signaling promotes neuronal migration along vascular scaffolds in the post-stroke brain. <i>EBioMedicine</i> , 2017, 16, 195-203.	6.1	84
94	Biciliated ependymal cell proliferation contributes to spinal cord growth. <i>Journal of Comparative Neurology</i> , 2012, 520, 3528-3552.	1.6	82
95	Adult neurogenesis in the telencephalon of a lizard: a [³ H]thymidine autoradiographic and bromodeoxyuridine immunocytochemical study. <i>Developmental Brain Research</i> , 1996, 93, 49-61.	1.7	81
96	Bi- and uniciliated ependymal cells define continuous floor-plate-derived tanycytic territories. <i>Nature Communications</i> , 2017, 8, 13759.	12.8	80
97	Melatonin enhances neural stem cell differentiation and engraftment by increasing mitochondrial function. <i>Journal of Pineal Research</i> , 2017, 63, e12415.	7.4	78
98	Lentiviral Vectors Mediate Efficient and Stable Gene Transfer in Adult Neural Stem Cells<i>In Vivo</i>. <i>Human Gene Therapy</i> , 2006, 17, 635-650.	2.7	76
99	Mesenchymal Stem Cells Provide Better Results Than Hematopoietic Precursors for the Treatment of Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2244-2253.	2.8	76
100	Immunological regulation of neurogenic niches in the adult brain. <i>Neuroscience</i> , 2012, 226, 270-281.	2.3	76
101	Temporal dynamics of hippocampal neurogenesis in chronic neurodegeneration. <i>Brain</i> , 2014, 137, 2312-2328.	7.6	74
102	Clearing Amyloid- β through PPAR γ /ApoE Activation by Genistein is a Treatment of Experimental Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 701-711.	2.6	74
103	Kif3a interacts with Dynactin subunit p150Glued to organize centriole subdistal appendages. <i>EMBO Journal</i> , 2013, 32, 597-607.	7.8	73
104	Ultrastructure of the subventricular zone in <i>Macaca fascicularis</i> and evidence of a mouse-like migratory stream. <i>Journal of Comparative Neurology</i> , 2009, 514, 533-554.	1.6	72
105	Reversible neural stem cell niche dysfunction in a model of multiple sclerosis. <i>Annals of Neurology</i> , 2011, 69, 878-891.	5.3	72
106	GSK3 β overexpression induces neuronal death and a depletion of the neurogenic niches in the dentate gyrus. <i>Hippocampus</i> , 2011, 21, 910-922.	1.9	71
107	Cytoarchitecture of the lateral ganglionic eminence and rostral extension of the lateral ventricle in the human fetal brain. <i>Journal of Comparative Neurology</i> , 2011, 519, 1165-1180.	1.6	71
108	Environmental enrichment reduces the function of D1 dopamine receptors in the prefrontal cortex of the rat. <i>Journal of Neural Transmission</i> , 2007, 114, 43-48.	2.8	69

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109	Reducing Peripheral Inflammation with Infliximab Reduces Neuroinflammation and Improves Cognition in Rats with Hepatic Encephalopathy. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 106.	2.9	69
110	Cellular composition and organization of the subventricular zone and rostral migratory stream in the adult and neonatal common marmoset brain. <i>Journal of Comparative Neurology</i> , 2011, 519, 690-713.	1.6	68
111	Therapeutic Effects of hMAPC and hMSC Transplantation after Stroke in Mice. <i>PLoS ONE</i> , 2012, 7, e43683.	2.5	68
112	Peroxisome proliferator-activated receptor β ligands regulate neural stem cell proliferation and differentiation <i>in vitro</i> and <i>in vivo</i> . <i>Glia</i> , 2011, 59, 293-307.	4.9	67
113	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. <i>Brain</i> , 2012, 135, 3320-3335.	7.6	67
114	Reduction in the Motoneuron Inhibitory/Excitatory Synaptic Ratio in an Early-Symptomatic Mouse Model of Amyotrophic Lateral Sclerosis. <i>Brain Pathology</i> , 2011, 21, 1-15.	4.1	66
115	The aged brain: genesis and fate of residual progenitor cells in the subventricular zone. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 365.	3.7	66
116	Functional neural stem cells derived from adult bone marrow. <i>Neuroscience</i> , 2005, 133, 85-95.	2.3	65
117	Substrate Stiffness and Composition Specifically Direct Differentiation of Induced Pluripotent Stem Cells. <i>Tissue Engineering - Part A</i> , 2015, 21, 1633-1641.	3.1	65
118	The LIM Homeodomain Factor Lhx2 Is Required for Hypothalamic Tanycyte Specification and Differentiation. <i>Journal of Neuroscience</i> , 2014, 34, 16809-16820.	3.6	63
119	Radial Glial Fibers Promote Neuronal Migration and Functional Recovery after Neonatal Brain Injury. <i>Cell Stem Cell</i> , 2018, 22, 128-137.e9.	11.1	63
120	Adult Neural Stem Cells From the Subventricular Zone: A Review of the Neurosphere Assay. <i>Anatomical Record</i> , 2013, 296, 1435-1452.	1.4	62
121	Single-cell analysis of the ventricular-subventricular zone reveals signatures of dorsal and ventral adult neurogenesis. <i>ELife</i> , 2021, 10, .	6.0	62
122	Nitric Oxide Induces Pathological Synapse Loss by a Protein Kinase G-, Rho Kinase-Dependent Mechanism Preceded by Myosin Light Chain Phosphorylation. <i>Journal of Neuroscience</i> , 2010, 30, 973-984.	3.6	61
123	New neurons use Slit-Robo signaling to migrate through the glial meshwork and approach a lesion for functional regeneration. <i>Science Advances</i> , 2018, 4, eaav0618.	10.3	60
124	Migration of neuronal precursors from the telencephalic ventricular zone into the olfactory bulb in adult zebrafish. <i>Journal of Comparative Neurology</i> , 2011, 519, 3549-3565.	1.6	59
125	The Human Brain Subventricular Zone: Stem Cells in This Niche and Its Organization. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 15-20.	1.7	58
126	Disruption of the Neurogenic Niche in the Subventricular Zone of Postnatal Hydrocephalic hyh Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 1006-1020.	1.7	57

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127	Membrane-Derived Phospholipids Control Synaptic Neurotransmission and Plasticity. <i>PLoS Biology</i> , 2015, 13, e1002153.	5.6	57
128	Production of human tissue-engineered skin trilayer on a plasma-based hypodermis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 479-490.	2.7	56
129	Corrections and Clarifications. <i>Science</i> , 2007, 318, 393-393.	12.6	53
130	Wnt-Dependent Oligodendroglial-Endothelial Interactions Regulate White Matter Vascularization and Attenuate Injury. <i>Neuron</i> , 2020, 108, 1130-1145.e5.	8.1	52
131	Postnatal neurogenesis in the olfactory bulbs of a lizard. A tritiated thymidine autoradiographic study. <i>Neuroscience Letters</i> , 1989, 98, 247-252.	2.1	50
132	p73 deficiency results in impaired self renewal and premature neuronal differentiation of mouse neural progenitors independently of p53. <i>Cell Death and Disease</i> , 2010, 1, e109-e109.	6.3	50
133	Dual effects of increased glycogen synthase kinase-3 β activity on adult neurogenesis. <i>Human Molecular Genetics</i> , 2013, 22, 1300-1315.	2.9	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. <i>Developmental Brain Research</i> , 1997, 101, 125-137.	1.7	48
135	Differentiation of Postnatal Neural Stem Cells into Glia and Functional Neurons on Laminin-Coated Polymeric Substrates. <i>Tissue Engineering - Part A</i> , 2008, 14, 1365-1375.	3.1	48
136	Endogenous Rho-Kinase Signaling Maintains Synaptic Strength by Stabilizing the Size of the Readily Releasable Pool of Synaptic Vesicles. <i>Journal of Neuroscience</i> , 2012, 32, 68-84.	3.6	48
137	Role of the Cellular Prion Protein in Oligodendrocyte Precursor Cell Proliferation and Differentiation in the Developing and Adult Mouse CNS. <i>PLoS ONE</i> , 2012, 7, e33872.	2.5	48
138	Therapeutic Potential of Human Adipose-Derived Stem Cells (ADSCs) from Cancer Patients: A Pilot Study. <i>PLoS ONE</i> , 2014, 9, e113288.	2.5	47
139	Mechanosensory Genes Pkd1 and Pkd2 Contribute to the Planar Polarization of Brain Ventricular Epithelium. <i>Journal of Neuroscience</i> , 2015, 35, 11153-11168.	3.6	47
140	Amyotrophic lateral sclerosis modifies progenitor neural proliferation in adult classic neurogenic brain niches. <i>BMC Neurology</i> , 2017, 17, 173.	1.8	46
141	The generation of oligodendroglial cells is preserved in the rostral migratory stream during aging. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 147.	3.7	45
142	Late generated neurons in the medial cortex of adult lizards send axons that reach the Timm-reactive zones. <i>Developmental Brain Research</i> , 1990, 57, 249-254.	1.7	44
143	Intra-operatively obtained human tissue: Protocols and techniques for the study of neural stem cells. <i>Journal of Neuroscience Methods</i> , 2009, 180, 116-125.	2.5	44
144	Postnatal neurogenesis in the nucleus sphericus of the lizard, <i>Podarcis hispanica</i> . <i>Neuroscience Letters</i> , 1989, 106, 71-75.	2.1	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. <i>Journal of Comparative Neurology</i> , 2008, 507, 1571-1587.	1.6	43
146	Role of retinal pigment epithelium-derived exosomes and autophagy in new blood vessel formation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5244-5256.	3.6	43
147	Ultrastructure of putative migrating cells in the cerebral cortex of <i>Lacerta galloti</i> . <i>Journal of Morphology</i> , 1986, 189, 189-197.	1.2	42
148	Binge administration of 3,4-methylenedioxymethamphetamine (ecstasy) impairs the survival of neural precursors in adult rat dentate gyrus. <i>Neuropharmacology</i> , 2006, 51, 967-973.	4.1	42
149	Subventricular Zone Localized Irradiation Affects the Generation of Proliferating Neural Precursor Cells and the Migration of Neuroblasts. <i>Stem Cells</i> , 2012, 30, 2548-2560.	3.2	42
150	NIR excitation of upconversion nanohybrids containing a surface grafted Bodipy induces oxygen-mediated cancer cell death. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4554-4563.	5.8	40
151	Neuron regeneration reverses 3-acetylpyridine-induced cell loss in the cerebral cortex of adult lizards. <i>Brain Research</i> , 1991, 551, 230-235.	2.2	39
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