

Neurogenesis in the dentate gyrus of the adult rat: age- progenitor proliferation

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Citation Report

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1	Isolation, Characterization and Utilization of CNS Stem Cells. Research and Perspectives in Neurosciences, 1997, , .	0.4	13
2	Neurogenesis in the Dentate Gyrus of the Adult Tree Shrew Is Regulated by Psychosocial Stress and NMDA Receptor Activation. Journal of Neuroscience, 1997, 17, 2492-2498.	1.7	1,304
3	Epidermal Growth Factor and Fibroblast Growth Factor-2 Have Different Effects on Neural Progenitors in the Adult Rat Brain. Journal of Neuroscience, 1997, 17, 5820-5829.	1.7	1,150
4	Dentate Granule Cell Neurogenesis Is Increased by Seizures and Contributes to Aberrant Network Reorganization in the Adult Rat Hippocampus. Journal of Neuroscience, 1997, 17, 3727-3738.	1.7	1,744
5	Apoptosis and proliferation of dentate gyrus neurons after single and intermittent limbic seizures. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10432-10437.	3.3	740
6	Genetic influence on neurogenesis in the dentate gyrus of adult mice. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10409-10414.	3.3	565
7	NCAM Is Essential for Axonal Growth and Fasciculation in the Hippocampus. Molecular and Cellular Neurosciences, 1997, 8, 323-335.	1.0	270
8	Stem Cells in the Central Nervous System. Science, 1997, 276, 66-71.	6.0	1,394
9	The Adult Rat Hippocampus Contains Primordial Neural Stem Cells. Molecular and Cellular Neurosciences, 1997, 8, 389-404.	1.0	1,005
10	Application of ex Vivo Gene Therapy in the Treatment of Parkinson's Disease. Experimental Neurology, 1997, 144, 82-91.	2.0	45
11	FGF-2 Is Sufficient to Isolate Progenitors Found in the Adult Mammalian Spinal Cord. Experimental Neurology, 1997, 148, 577-586.	2.0	232
12	Neuronal Progenitor Cells Derived from the Anterior Subventricular Zone of the Neonatal Rat Forebrain Continue to Proliferate in Vitro and Express a Neuronal Phenotype. Molecular and Cellular Neurosciences, 1997, 8, 351-366.	1.0	176
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15	Slow Kinetics of Miniature IPSCs during Early Postnatal Development in Granule Cells of the Dentate Gyrus. Journal of Neuroscience, 1997, 17, 5119-5128.	1.7	155
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17	More hippocampal neurons in adult mice living in an enriched environment. Nature, 1997, 386, 493-495.	13.7	3,215
18	Decrease in highly polysialylated neuronal cell adhesion molecules and in spatial learning during ageing are not correlated. Brain Research, 1997, 744, 285-292.	1.1	43

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20	Isolation and culture of adult rat hippocampal neurons. <i>Journal of Neuroscience Methods</i> , 1997, 71, 143-155.	1.3	421
21	Neuronal precursors of the adult rat subependymal zone persist into senescence, with no decline in spatial extent or response to BDNF. , 1997, 32, 554-566.		78
22	Postnatal expression of glucose-6-phosphate dehydrogenase in different brain areas. <i>Neurochemical Research</i> , 1998, 23, 1197-1204.	1.6	15
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32	Photoperiod regulates neuronal bromodeoxyuridine labeling in the brain of a seasonally breeding mammal. , 1998, 36, 410-420.		124
33	Adult treatment with haloperidol increases dentate granule cell proliferation in the gerbil hippocampus. <i>Journal of Neural Transmission</i> , 1998, 105, 317-327.	1.4	132
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1827	Overexpression of the vesicular acetylcholine transporter enhances dendritic complexity of adult-born hippocampal neurons and improves acquisition of spatial memory during aging. <i>Neurobiology of Aging</i> , 2015, 36, 1881-1889.	1.5	19
1828	Caffeine Consumption and Prevention of Cognitive Decline. , 2015, , 879-889.		0
1829	Differential expression of hyperpolarization-activated cyclic nucleotide-gated channel subunits during hippocampal development in the mouse. <i>Molecular Brain</i> , 2015, 8, 13.	1.3	24
1830	Age-associated brain regions in gliomas: a volumetric analysis. <i>Journal of Neuro-Oncology</i> , 2015, 123, 299-306.	1.4	13
1832	Oxidative stress and redox regulation on hippocampal-dependent cognitive functions. <i>Archives of Biochemistry and Biophysics</i> , 2015, 576, 2-7.	1.4	108
1833	Can Stem Cells Be Used to Enhance Cognition?. , 2015, , 167-192.		1
1834	A complementary processes account of the development of childhood amnesia and a personal past.. <i>Psychological Review</i> , 2015, 122, 204-231.	2.7	123
1835	Metabolic control of adult neural stem cell behavior. <i>Frontiers in Biology</i> , 2015, 10, 100-106.	0.7	2
1836	Transplanted hUCB-MSCs migrated to the damaged area by SDF-1/CXCR4 signaling to promote functional recovery after traumatic brain injury in rats. <i>Neurological Research</i> , 2015, 37, 50-56.	0.6	40
1837	Hippocampal plasticity during the progression of Alzheimer's disease. <i>Neuroscience</i> , 2015, 309, 51-67.	1.1	120
1838	Alterations of neuronal precursor cells in stages of human adult neurogenesis in heroin addicts. <i>Drug and Alcohol Dependence</i> , 2015, 156, 139-149.	1.6	35
1839	The Neural Progenitor Cell (NPC) Niche in the Adult Brain Provides a Target for Neurotoxicity: A Putative Adverse Outcome Pathway for ROS-Induced NPC Dysfunction with Higher Sensitivity During Aging. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 413-425.	0.4	0
1840	Structural and functional rejuvenation of the aged brain by an approved anti-asthmatic drug. <i>Nature Communications</i> , 2015, 6, 8466.	5.8	139
1841	Distinguishing adaptive plasticity from vulnerability in the aging hippocampus. <i>Neuroscience</i> , 2015, 309, 17-28.	1.1	42
1842	Clinico-pathological subtypes of hippocampal sclerosis in temporal lobe epilepsy and their differential impact on memory impairment. <i>Neuroscience</i> , 2015, 309, 153-161.	1.1	46
1843	A central role for the acid sphingomyelinase/ceramide system in neurogenesis and major depression. <i>Journal of Neurochemistry</i> , 2015, 134, 183-192.	2.1	67
1844	Studies on Experimental Toxicology and Pharmacology. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , .	0.4	7

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1846	Neurogenesis in the Adult Hippocampus. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a018812.	2.3	676
1847	Changes in hippocampal neurogenesis throughout early development. <i>Neurobiology of Aging</i> , 2015, 36, 365-379.	1.5	36
1848	Tbr2-expressing intermediate progenitor cells in the adult mouse hippocampus are unipotent neuronal precursors with limited amplification capacity under homeostasis. <i>Frontiers in Biology</i> , 2015, 10, 262-271.	0.7	25
1849	Dengue viruses cluster antigenically but not as discrete serotypes. <i>Science</i> , 2015, 349, 1338-1343.	6.0	195
1850	A mechanism for the segregation of age in mammalian neural stem cells. <i>Science</i> , 2015, 349, 1334-1338.	6.0	129
1851	Neurocognitive Aging and the Hippocampus across Species. <i>Trends in Neurosciences</i> , 2015, 38, 800-812.	4.2	162
1852	Activity-Based Maintenance of Adult Hippocampal Neurogenesis: Maintaining a Potential for Lifelong Plasticity. <i>Pancreatic Islet Biology</i> , 2015, , 119-123.	0.1	4
1853	Intrinsic neurophysiological properties of hilar ectopic and normotopic dentate granule cells in human temporal lobe epilepsy and a rat model. <i>Journal of Neurophysiology</i> , 2015, 113, 1184-1194.	0.9	38
1855	Exposure to swainsonine impairs adult neurogenesis and spatial learning and memory. <i>Toxicology Letters</i> , 2015, 232, 263-270.	0.4	9
1856	Chronic inhibition of brain phospholipase A2 in adult rats impairs the survival of newborn mature neurons in the hippocampus. <i>Journal of Neural Transmission</i> , 2015, 122, 619-628.	1.4	3
1857	Inhibitory Effects of Bisphenol-A on Neural Stem Cells Proliferation and Differentiation in the Rat Brain Are Dependent on Wnt/ β -Catenin Pathway. <i>Molecular Neurobiology</i> , 2015, 52, 1735-1757.	1.9	82
1858	Ageing and brain rejuvenation as systemic events. <i>Journal of Neurochemistry</i> , 2015, 132, 5-19.	2.1	69
1859	The effect of simvastatin treatment on proliferation and differentiation of neural stem cells after traumatic brain injury. <i>Brain Research</i> , 2015, 1602, 1-8.	1.1	33
1860	Insulin-like growth factor 2 mitigates depressive behavior in a rat model of chronic stress. <i>Neuropharmacology</i> , 2015, 89, 318-324.	2.0	61
1861	In vitro study of the long-term cortisol treatment effects on the growth rate and proliferation of the neural stem/precursor cells. <i>Neurological Research</i> , 2015, 37, 117-124.	0.6	17
1862	The role of serotonin in adult hippocampal neurogenesis. <i>Behavioural Brain Research</i> , 2015, 277, 49-57.	1.2	144
1863	Limbic white matter microstructure plasticity reflects recovery from depression. <i>Journal of Affective Disorders</i> , 2015, 170, 143-149.	2.0	38

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1865	<i>Learning and Memory</i> . , 2016, , 57-73.		1
1866	<i>Physical Exercise</i> . , 2016, , 75-107.		0
1867	<i>Sex Differences in Neuroanatomy and Neurophysiology</i> . , 2016, , 17-44.		3
1868	<i>Research on Human Plasticity in Adulthood</i> . , 2016, , 105-123.		26
1869	<i>Introduction to Memory</i> . , 2016, , 841-854.		4
1871	A Common Language: How Neuroimmunological Cross Talk Regulates Adult Hippocampal Neurogenesis. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	22
1872	Effect of Opioid on Adult Hippocampal Neurogenesis. <i>Scientific World Journal, The</i> , 2016, 2016, 1-7.	0.8	37
1873	Effect of Astragaloside IV on Neural Stem Cell Transplantation in Alzheimer's Disease Rat Models. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8.	0.5	30
1874	Neural Stem and Progenitor Cells in Nervous System Function and Therapy. <i>Stem Cells International</i> , 2016, 2016, 1-2.	1.2	13
1875	Insights into the Biology and Therapeutic Applications of Neural Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-18.	1.2	21
1876	Are Anxiety Disorders Associated with Accelerated Aging? A Focus on Neuroprogression. <i>Neural Plasticity</i> , 2016, 2016, 1-19.	1.0	64
1877	Deletion of Nuclear Factor kappa B p50 Subunit Decreases Inflammatory Response and Mildly Protects Neurons from Transient Forebrain Ischemia-induced Damage. , 2016, 7, 450.		14
1878	Young adult born neurons enhance hippocampal dependent performance via influences on bilateral networks. <i>ELife</i> , 2016, 5, .	2.8	40
1879	Role of Aging and Hippocampus in Time-Place Learning: Link to Episodic-Like Memory?. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 362.	1.0	6
1880	Environmental Enrichment, Age, and PPAR α Interact to Regulate Proliferation in Neurogenic Niches. <i>Frontiers in Neuroscience</i> , 2016, 10, 89.	1.4	19
1881	Effects of Long-Term Environmental Enrichment on Anxiety, Memory, Hippocampal Plasticity and Overall Brain Gene Expression in C57BL6 Mice. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 62.	1.4	88
1882	Taking Advantage of Nature's Gift: Can Endogenous Neural Stem Cells Improve Myelin Regeneration?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1895.	1.8	9

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1884	Modulating adult neurogenesis through dietary interventions. <i>Nutrition Research Reviews</i> , 2016, 29, 163-171.	2.1	23
1885	MicroRNA-145 Regulates Neural Stem Cell Differentiation Through the Sox2/Lin28/let-7 Signaling Pathway. <i>Stem Cells</i> , 2016, 34, 1386-1395.	1.4	89
1887	Stress, hippocampal neurogenesis and cognition: functional correlations. <i>Frontiers in Biology</i> , 2016, 11, 182-192.	0.7	15
1888	Ageing, Clonality, and Rejuvenation of Hematopoietic Stem Cells. <i>Trends in Molecular Medicine</i> , 2016, 22, 701-712.	3.5	135
1889	Abnormal UP/DOWN Membrane Potential Dynamics Coupled with the Neocortical Slow Oscillation in Dentate Granule Cells during the Latent Phase of Temporal Lobe Epilepsy. <i>ENeuro</i> , 2016, 3, ENEURO.0017-16.2016.	0.9	8
1890	History of Neural Stem Cell Research and Its Clinical Application. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 110-124.	1.0	19
1891	Pharmaceutical Rejuvenation of Age-Associated Decline in Spatial Memory. <i>Rejuvenation Research</i> , 2016, 19, 521-524.	0.9	6
1892	Modulation of Hallmarks of Brain Aging by Environmental Enrichment. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 303-319.	0.4	0
1893	Inflammation, Aging, and Oxidative Stress. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , .	0.4	9
1894	Vanillin and 4-hydroxybenzyl alcohol promotes cell proliferation and neuroblast differentiation in the dentate gyrus of mice via the increase of brain-derived neurotrophic factor and tropomyosin-related kinase B. <i>Molecular Medicine Reports</i> , 2016, 13, 2949-2956.	1.1	12
1895	Distinctive effects of eicosapentaenoic and docosahexaenoic acids in regulating neural stem cell fate are mediated via endocannabinoid signalling pathways. <i>Neuropharmacology</i> , 2016, 107, 387-395.	2.0	33
1896	Exercise as a pro-cognitive, pro-neurogenic and anti-inflammatory intervention in transgenic mouse models of Alzheimer's disease. <i>Ageing Research Reviews</i> , 2016, 27, 77-92.	5.0	84
1897	Pregnancy and lactation differentially modify the transcriptional regulation of steroidogenic enzymes through DNA methylation mechanisms in the hippocampus of aged rats. <i>Molecular and Cellular Endocrinology</i> , 2016, 429, 73-83.	1.6	21
1898	Protease-activated receptor-1 negatively regulates proliferation of neural stem/progenitor cells derived from the hippocampal dentate gyrus of the adult mouse. <i>Journal of Pharmacological Sciences</i> , 2016, 131, 162-171.	1.1	6
1899	Ly6Chi Monocytes Provide a Link between Antibiotic-Induced Changes in Gut Microbiota and Adult Hippocampal Neurogenesis. <i>Cell Reports</i> , 2016, 15, 1945-1956.	2.9	358
1900	Neural Stem Cells. , 2016, , 169-208.		1
1901	Tanshinone I Enhances Neurogenesis in the Mouse Hippocampal Dentate Gyrus via Increasing Wnt-3, Phosphorylated Glycogen Synthase Kinase-3 β and β -Catenin Immunoreactivities. <i>Neurochemical Research</i> , 2016, 41, 1958-1968.	1.6	17

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1903	Regenerative Medicine - from Protocol to Patient. , 2016, , .		2
1904	Human Neural Stem Cell Aging Is Counteracted by $\hat{1}\pm$ -Glycerolphosphorylethanolamine. <i>ACS Chemical Neuroscience</i> , 2016, 7, 952-963.	1.7	19
1905	Effects of Aging on Neural Stem/Progenitor Cells and Oligodendrocyte Precursor Cells after Focal Cerebral Ischemia in Spontaneously Hypertensive Rats. <i>Cell Transplantation</i> , 2016, 25, 705-714.	1.2	22
1906	Towards a Better Treatment Option for Parkinsonâ€™s Disease: A Review of Adult Neurogenesis. <i>Neurochemical Research</i> , 2016, 41, 3161-3170.	1.6	18
1907	Stem Cell-Mediated Regeneration of the Adult Brain. <i>Transfusion Medicine and Hemotherapy</i> , 2016, 43, 321-327.	0.7	15
1908	Current Proteomic Methods to Investigate the Dynamics of Histone Turnover in the Central Nervous System. <i>Methods in Enzymology</i> , 2016, 574, 331-354.	0.4	4
1909	Cell type- and region-specific enhancement of adult hippocampal neurogenesis by daidzein in middle-aged female mice. <i>Neuropharmacology</i> , 2016, 111, 92-106.	2.0	17
1910	Adolescent Alcohol Exposure Persistently Impacts Adult Neurobiology and Behavior. <i>Pharmacological Reviews</i> , 2016, 68, 1074-1109.	7.1	258
1911	Prenatal deletion of <i>DNA methyltransferase 1</i> in neural stem cells impairs neurogenesis and causes anxiety-like behavior in adulthood. <i>Neurogenesis (Austin, Tex)</i> , 2016, 3, e1232679.	1.5	11
1912	Walking the tightrope: proteostasis and neurodegenerative disease. <i>Journal of Neurochemistry</i> , 2016, 137, 489-505.	2.1	176
1913	<i>BDNF</i> isoforms: a round trip ticket between neurogenesis and serotonin?. <i>Journal of Neurochemistry</i> , 2016, 138, 204-221.	2.1	138
1914	Brain size and limits to adult neurogenesis. <i>Journal of Comparative Neurology</i> , 2016, 524, 646-664.	0.9	107
1915	Role of Microglia in Adult Neurogenesis. , 2016, , 325-345.		1
1916	Blunted response of hippocampal AMPK associated with reduced neurogenesis in older versus younger mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 71, 57-65.	2.5	12
1917	Inflammation: the Common Link in Brain Pathologies. , 2016, , .		1
1918	VEGF preconditioning leads to stem cell remodeling and attenuates age-related decay of adult hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7828-E7836.	3.3	59
1920	Decreased adult neurogenesis in hibernating Syrian hamster. <i>Neuroscience</i> , 2016, 333, 181-192.	1.1	21

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1922	In vivo reprogramming reactive glia into iPSCs to produce new neurons in the cortex following traumatic brain injury. <i>Scientific Reports</i> , 2016, 6, 22490.	1.6	59
1923	Traumatic Brain Injury Causes Aberrant Migration of Adult-Born Neurons in the Hippocampus. <i>Scientific Reports</i> , 2016, 6, 21793.	1.6	81
1924	Zinc plus cyclo-(His-Pro) promotes hippocampal neurogenesis in rats. <i>Neuroscience</i> , 2016, 339, 634-643.	1.1	17
1925	Characterization of mammary epithelial stem/progenitor cells and their changes with aging in common marmosets. <i>Scientific Reports</i> , 2016, 6, 32190.	1.6	18
1926	Molecular Mechanism of Adult Neurogenesis and its Association with Human Brain Diseases. <i>Journal of Central Nervous System Disease</i> , 2016, 8, JCNSD.S32204.	0.7	35
1927	Lack of evidence in neurite growth in the gerbil hippocampal CA1 region 15 days after transient forebrain ischemia. <i>Animal Cells and Systems</i> , 2016, 20, 237-245.	0.8	1
1928	Melatonin Acts as an Antidepressant by Inhibition of the Acid Sphingomyelinase/Ceramide System. <i>NeuroSignals</i> , 2016, 24, 48-58.	0.5	13
1929	Large-scale phenotyping links adult hippocampal neurogenesis to the reaction to novelty. <i>Hippocampus</i> , 2016, 26, 646-657.	0.9	21
1930	Cyclosporin A enhances neurogenesis in the dentate gyrus of the hippocampus. <i>Stem Cell Research</i> , 2016, 16, 79-87.	0.3	17
1931	Daily access to sucrose impairs aspects of spatial memory tasks reliant on pattern separation and neural proliferation in rats. <i>Learning and Memory</i> , 2016, 23, 386-390.	0.5	27
1932	Hormones and the regulation of adult neurogenesis in the hippocampus and beyond: Where are we now? Introduction to the special issue on hormonal regulation of adult neurogenesis: Implications for disease. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 1-2.	2.5	4
1933	Trimethyltin Modulates Reelin Expression and Endogenous Neurogenesis in the Hippocampus of Developing Rats. <i>Neurochemical Research</i> , 2016, 41, 1559-1569.	1.6	13
1934	Ovarian hormones, but not fluoxetine, impart resilience within a chronic unpredictable stress model in middle-aged female rats. <i>Neuropharmacology</i> , 2016, 107, 278-293.	2.0	55
1935	DNA Methyltransferase 1 Is Indispensable for Development of the Hippocampal Dentate Gyrus. <i>Journal of Neuroscience</i> , 2016, 36, 6050-6068.	1.7	30
1936	Biomaterial-engineering and neurobiological approaches for regenerating the injured cerebral cortex. <i>Regenerative Therapy</i> , 2016, 3, 63-67.	1.4	3
1937	Spatial training promotes short-term survival and neuron-like differentiation of newborn cells in A β ¹⁻⁴² -injected rats. <i>Neurobiology of Aging</i> , 2016, 45, 64-75.	1.5	13
1938	The minus of a plus is a minus. Mass death of selected neuron populations in sporadic late-onset neurodegenerative disease may be due to a combination of subtly decreased capacity to repair oxidative DNA damage and increased propensity for damage-related apoptosis. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 623-643.	0.5	1

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1940	Physical activity delays hippocampal neurodegeneration and rescues memory deficits in an Alzheimer disease mouse model. <i>Translational Psychiatry</i> , 2016, 6, e800-e800.	2.4	64
1941	Sex Hormones and Cognition: Neuroendocrine Influences on Memory and Learning. , 2016, 6, 1295-1337.		151
1942	Heterogeneity of Radial Glia-Like Cells in the Adult Hippocampus. <i>Stem Cells</i> , 2016, 34, 997-1010.	1.4	103
1943	Hippocampal dysfunction and cognitive impairment in Fragile-X Syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 563-574.	2.9	59
1944	Lasting Adaptations in Social Behavior Produced by Social Disruption and Inhibition of Adult Neurogenesis. <i>Journal of Neuroscience</i> , 2016, 36, 7027-7038.	1.7	48
1945	Therapeutic Intervention of Learning and Memory Decays by Salidroside Stimulation of Neurogenesis in Aging. <i>Molecular Neurobiology</i> , 2016, 53, 851-866.	1.9	36
1946	Strategies for CNS repair following TBI. <i>Experimental Neurology</i> , 2016, 275, 411-426.	2.0	48
1947	The impacts of diabetes in pregnancy on hippocampal synaptogenesis in rat neonates. <i>Neuroscience</i> , 2016, 318, 122-133.	1.1	29
1948	Neurogenesis in the Hippocampus of Patients with Temporal Lobe Epilepsy. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 20.	2.0	37
1949	The effects of hormones and physical exercise on hippocampal structural plasticity. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 23-43.	2.5	75
1950	Diversity of Neural Precursors in the Adult Mammalian Brain. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a018838.	2.3	42
1951	Trading new neurons for status: Adult hippocampal neurogenesis in eusocial Damaraland mole-rats. <i>Neuroscience</i> , 2016, 324, 227-237.	1.1	12
1952	Sex hormones and adult hippocampal neurogenesis: Regulation, implications, and potential mechanisms. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 129-152.	2.5	151
1953	Stem cell mitochondria during aging. <i>Seminars in Cell and Developmental Biology</i> , 2016, 52, 110-118.	2.3	21
1954	GSK3 β Overexpression in Dentate Gyrus Neural Precursor Cells Expands the Progenitor Pool and Enhances Memory Skills. <i>Journal of Biological Chemistry</i> , 2016, 291, 8199-8213.	1.6	23
1955	Neuronal nitric oxide synthase contributes to pentylenetetrazole-kindling-induced hippocampal neurogenesis. <i>Brain Research Bulletin</i> , 2016, 121, 138-147.	1.4	23
1956	Post-Injury Treatment of 7,8-Dihydroxyflavone Promotes Neurogenesis in the Hippocampus of the Adult Mouse. <i>Journal of Neurotrauma</i> , 2016, 33, 2055-2064.	1.7	35

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1958	Hippocampal neurogenesis: Learning to remember. <i>Progress in Neurobiology</i> , 2016, 138-140, 1-18.	2.8	184
1959	Adult Neurogenesis and Cognitive Function. , 2016, , 51-94.		2
1960	Effects of Hypobaric Hypoxia in Various Modes on Expression of Neurogenesis Marker NeuroD2 in the Dentate Gyrus of Rats Hippocampus. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 160, 510-513.	0.3	3
1961	Increased bone morphogenetic protein signaling contributes to age-related declines in neurogenesis and cognition. <i>Neurobiology of Aging</i> , 2016, 38, 164-175.	1.5	42
1962	Neuroinflammation negatively affects adult hippocampal neurogenesis and cognition: can exercise compensate?. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 61, 121-131.	2.9	146
1963	When stem cells grow old: phenotypes and mechanisms of stem cell aging. <i>Development (Cambridge)</i> , 2016, 143, 3-14.	1.2	267
1964	Ambient temperature influences the neural benefits of exercise. <i>Behavioural Brain Research</i> , 2016, 299, 27-31.	1.2	6
1965	Propranolol and Mesenchymal Stromal Cells Combine to Treat Traumatic Brain Injury. <i>Stem Cells Translational Medicine</i> , 2016, 5, 33-44.	1.6	52
1966	Aging induced loss of stemness with concomitant gain of myogenic properties of a pure population of CD34+/CD45 ⁻ muscle derived stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 70, 1-12.	1.2	6
1967	Traumatic Brain Injury Severity Affects Neurogenesis in Adult Mouse Hippocampus. <i>Journal of Neurotrauma</i> , 2016, 33, 721-733.	1.7	102
1968	Sex differences after environmental enrichment and physical exercise in rats when solving a navigation task. <i>Learning and Behavior</i> , 2016, 44, 227-238.	0.5	15
1969	Purinergic receptors as potential therapeutic targets in Alzheimer's disease. <i>Neuropharmacology</i> , 2016, 104, 169-179.	2.0	91
1970	Effects of Ginko biloba leaf extract on the neurogenesis of the hippocampal dentate gyrus in the elderly mice. <i>Anatomical Science International</i> , 2016, 91, 280-289.	0.5	19
1971	Dopaminergic lesioning impairs adult hippocampal neurogenesis by distinct modification of α -synuclein. <i>Journal of Neuroscience Research</i> , 2016, 94, 62-73.	1.3	31
1972	Adult Hippocampal Neurogenesis, Fear Generalization, and Stress. <i>Neuropsychopharmacology</i> , 2016, 41, 24-44.	2.8	159
1973	Ontogeny of memory: An update on 40 years of work on infantile amnesia. <i>Behavioural Brain Research</i> , 2016, 298, 4-14.	1.2	65
1974	Environmental enrichment rescues memory in mice deficient for the polysialyltransferase ST8SialV. <i>Brain Structure and Function</i> , 2016, 221, 1591-1605.	1.2	9

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1976	Defensive behaviors and prosencephalic neurogenesis in pigeons (<i>Columba livia</i>) are affected by environmental enrichment in adulthood. <i>Brain Structure and Function</i> , 2016, 221, 2287-2301.	1.2	21
1977	Propofol Administration During Early Postnatal Life Suppresses Hippocampal Neurogenesis. <i>Molecular Neurobiology</i> , 2016, 53, 1031-1044.	1.9	61
1978	Antidepressant responsiveness in adulthood is permanently impaired after neonatal destruction of the neurogenic pool. <i>Translational Psychiatry</i> , 2017, 7, e990-e990.	2.4	3
1979	Role of Mitochondrial Metabolism in the Control of Early Lineage Progression and Aging Phenotypes in Adult Hippocampal Neurogenesis. <i>Neuron</i> , 2017, 93, 560-573.e6.	3.8	221
1980	Dehydroepiandrosterone increases the number and dendrite maturation of doublecortin cells in the dentate gyrus of middle age male Wistar rats exposed to chronic mild stress. <i>Behavioural Brain Research</i> , 2017, 321, 137-147.	1.2	5
1981	Coupled Proliferation and Apoptosis Maintain the Rapid Turnover of Microglia in the Adult Brain. <i>Cell Reports</i> , 2017, 18, 391-405.	2.9	503
1982	The therapeutic contribution of nanomedicine to treat neurodegenerative diseases via neural stem cell differentiation. <i>Biomaterials</i> , 2017, 123, 77-91.	5.7	51
1983	Dose-dependent decrease in mortality with no cognitive or muscle function improvements due to dietary EGCG supplementation in aged mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 495-502.	0.9	2
1984	Disruption of amygdala-entorhinal-hippocampal network in late-life depression. <i>Hippocampus</i> , 2017, 27, 464-476.	0.9	41
1985	PM2.5 Exposure Suppresses Dendritic Maturation in Subgranular Zone in Aged Rats. <i>Neurotoxicity Research</i> , 2017, 32, 50-57.	1.3	19
1986	Exercise Enhances Cognitive Capacity in the Aging Brain. , 2017, , 161-172.		5
1987	CD44 Transmembrane Receptor and Hyaluronan Regulate Adult Hippocampal Neural Stem Cell Quiescence and Differentiation. <i>Journal of Biological Chemistry</i> , 2017, 292, 4434-4445.	1.6	56
1988	Detecting Neuronal Differentiation Markers in Newborn Cells of the Adult Brain. <i>Methods in Molecular Biology</i> , 2017, 1560, 163-177.	0.4	2
1989	Different requirements of functional telomeres in neural stem cells and terminally differentiated neurons. <i>Genes and Development</i> , 2017, 31, 639-647.	2.7	24
1990	Short-Term Depression of Sprouted Mossy Fiber Synapses from Adult-Born Granule Cells. <i>Journal of Neuroscience</i> , 2017, 37, 5722-5735.	1.7	28
1991	Modulation of Aversive Memory by Adult Hippocampal Neurogenesis. <i>Neurotherapeutics</i> , 2017, 14, 646-661.	2.1	39
1992	Involvement of progranulin in modulating neuroinflammatory responses but not neurogenesis in the hippocampus of aged mice. <i>Experimental Gerontology</i> , 2017, 95, 1-8.	1.2	14

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