

Human hippocampal neurogenesis drops sharply in children

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A new perspective of the hippocampus in the origin of exerciseâ€‘brain interactions. <i>Brain Structure and Function</i> , 2018, 223, 2527-2545.	1.2	54
2	Human Adult Neurogenesis: Evidence and Remaining Questions. <i>Cell Stem Cell</i> , 2018, 23, 25-30.	5.2	601
3	Human Hippocampal Neurogenesis Persists throughout Aging. <i>Cell Stem Cell</i> , 2018, 22, 589-599.e5.	5.2	977
4	News of no new neurons?. <i>Nature Reviews Neuroscience</i> , 2018, 19, 252-253.	4.9	0
5	Hippocampal Radial Glial Subtypes and Their Neurogenic Potential in Human Fetuses and Healthy and Alzheimerâ€™s Disease Adults. <i>Cerebral Cortex</i> , 2018, 28, 2458-2478.	1.6	128
6	Adult Human Hippocampal Neurogenesis: Controversy and Evidence. <i>Trends in Molecular Medicine</i> , 2018, 24, 521-522.	3.5	42
7	The potential of treating Gulf War Illness with curcumin. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 3-4.	2.0	1
8	Neurogenesis. <i>Neurology Today: an Official Publication of the American Academy of Neurology</i> , 2018, 18, 62-66.	0.0	0
9	Roles of mitochondria in neuronal development. <i>BMB Reports</i> , 2018, 51, 549-556.	1.1	63
10	Lifelong Learning of Spatiotemporal Representations With Dual-Memory Recurrent Self-Organization. <i>Frontiers in Neurobotics</i> , 2018, 12, 78.	1.6	76
11	Adult Neurogenesis in the Human Brain: Paradise Lost?. <i>Epilepsy Currents</i> , 2018, 18, 329-331.	0.4	8
12	Brain Plasticity in Mammals: An Example for the Role of Comparative Medicine in the Neurosciences. <i>Frontiers in Veterinary Science</i> , 2018, 5, 274.	0.9	12
13	Without a bugâ€™s life: Germ-free rodents to interrogate microbiota-gut-neuroimmune interactions. <i>Drug Discovery Today: Disease Models</i> , 2018, 28, 79-93.	1.2	14
14	Vestibulo-Hippocampal Function Is Enhanced and Brain Structure Altered in Professional Ballet Dancers. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 50.	1.0	12
15	MicroRNAs Engage in Complex Circuits Regulating Adult Neurogenesis. <i>Frontiers in Neuroscience</i> , 2018, 12, 707.	1.4	32
16	Growth Differentiation Factor 11 treatment leads to neuronal and vascular improvements in the hippocampus of aged mice. <i>Scientific Reports</i> , 2018, 8, 17293.	1.6	72
17	The Antitumor Natural Compound Falcarindiol Disrupts Neural Stem Cell Homeostasis by Suppressing Notch Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3432.	1.8	14
18	Neural stem cell derived extracellular vesicles: Attributes and prospects for treating neurodegenerative disorders. <i>EBioMedicine</i> , 2018, 38, 273-282.	2.7	115

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19	Neurobiology of motivated behaviors. Integrative Zoology, 2018, 13, 613-615.	1.3	0
20	Treating Brain Disorders by Targeting Adult Neural Stem Cells. Trends in Molecular Medicine, 2018, 24, 991-1006.	3.5	37
21	Excitable Adult-Generated GABAergic Neurons Acquire Functional Innervation in the Cortex after Stroke. Stem Cell Reports, 2018, 11, 1327-1336.	2.3	15
22	Three pillars of educational neuroscience from three decades of literature. Trends in Neuroscience and Education, 2018, 13, 17-25.	1.5	43
23	Astrocytes'™ Contribution to Adult Neurogenesis in Physiology and Alzheimer's™ Disease. Frontiers in Cellular Neuroscience, 2018, 12, 432.	1.8	79
24	Exercise-Induced Modulation of Neuroinflammation in Models of Alzheimer's™ Disease. Brain Plasticity, 2018, 4, 81-94.	1.9	45
25	Possible Role of PHD Inhibitors as Hypoxia-Mimicking Agents in the Maintenance of Neural Stem Cells'™ Self-Renewal Properties. Frontiers in Cell and Developmental Biology, 2018, 6, 169.	1.8	20
26	MicroRNA-22 Controls Aberrant Neurogenesis and Changes in Neuronal Morphology After Status Epilepticus. Frontiers in Molecular Neuroscience, 2018, 11, 442.	1.4	26
27	Neurogenesis in adult human brain after hemorrhage and ischemic stroke. Folia Neuropathologica, 2018, 56, 293-300.	0.5	15
28	Modeling Reveals the Dependence of Hippocampal Neurogenesis Radiosensitivity on Age and Strain of Rats. Frontiers in Neuroscience, 2018, 12, 980.	1.4	8
29	Doubled-Edged Swords in the Biology of Conflict. Frontiers in Psychology, 2018, 9, 2625.	1.1	13
30	Emerging Anti-Aging Strategies - Scientific Basis and Efficacy. , 2018, 9, 1165.		89
31	Editorial: Adult Neurogenesis: Beyond Rats and Mice. Frontiers in Neuroscience, 2018, 12, 904.	1.4	8
32	The Neuroprotective Effects of Exercise: Maintaining a Healthy Brain Throughout Aging. Brain Plasticity, 2018, 4, 17-52.	1.9	116
33	Insulin Peptides as Mediators of the Impact of Life Style in Alzheimer's™ disease. Brain Plasticity, 2018, 4, 3-15.	1.9	16
34	Is Alzheimer's™ Also a Stem Cell Disease? " The Zebrafish Perspective. Frontiers in Cell and Developmental Biology, 2018, 6, 159.	1.8	30
35	Spatiotemporal transcriptomic divergence across human and macaque brain development. Science, 2018, 362, .	6.0	279
36	Considerations for Assessing the Extent of Hippocampal Neurogenesis in the Adult and Aging Human Brain. Cell Stem Cell, 2018, 23, 782-783.	5.2	52

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37	Does Adult Neurogenesis Persist in the Human Hippocampus?. <i>Cell Stem Cell</i> , 2018, 23, 780-781.	5.2	95
38	Prenatal and early life exposure to air pollution induced hippocampal vascular leakage and impaired neurogenesis in association with behavioral deficits. <i>Translational Psychiatry</i> , 2018, 8, 261.	2.4	71
39	Neuroimmune and Inflammatory Signals in Complex Disorders of the Central Nervous System. <i>NeuroImmunoModulation</i> , 2018, 25, 246-270.	0.9	46
40	Autophagy in Health and Disease. <i>Pancreatic Islet Biology</i> , 2018, , .	0.1	1
41	Depression and adult neurogenesis: Positive effects of the antidepressant fluoxetine and of physical exercise. <i>Brain Research Bulletin</i> , 2018, 143, 181-193.	1.4	186
42	Neuroprotective efficacy of P7C3 compounds in primate hippocampus. <i>Translational Psychiatry</i> , 2018, 8, 202.	2.4	34
43	Metabolism and adult neurogenesis: Towards an understanding of the role of lipocalin-2 and iron-related oxidative stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 73-84.	2.9	16
44	Triphenyl Phosphate (TPHP)-Induced Neurotoxicity in Adult Male Chinese Rare Minnows (<i>Gobiocypris rarus</i>). <i>Environmental Science & Technology</i> , 2018, 52, 11895-11903.	4.6	14
45	Emerging Connections: Synaptic Autophagy in Brain Aging and Disease. <i>Pancreatic Islet Biology</i> , 2018, , 135-152.	0.1	0
46	Alzheimer's disease as a metabolic disorder. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2018, 25, D403.	0.6	4
47	Topographic Markers Drive Proteinopathies to Selection of Target Brain Areas at Onset in Neurodegenerative Dementias. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 308.	1.7	4
48	Oxytocin receptor signaling in the hippocampus: Role in regulating neuronal excitability, network oscillatory activity, synaptic plasticity and social memory. <i>Progress in Neurobiology</i> , 2018, 171, 1-14.	2.8	61
49	Comparing Adult Hippocampal Neurogenesis Across Species: Translating Time to Predict the Tempo in Humans. <i>Frontiers in Neuroscience</i> , 2018, 12, 706.	1.4	54
50	Telomere length and its association with hippocampal gray matter volume in antipsychotic-naïve/free schizophrenia patients. <i>Psychiatry Research - Neuroimaging</i> , 2018, 282, 11-17.	0.9	9
51	Neural stem cell lineage-specific cannabinoid type-1 receptor regulates neurogenesis and plasticity in the adult mouse hippocampus. <i>Cerebral Cortex</i> , 2018, 28, 4454-4471.	1.6	42
52	BDNF, Brain, and Regeneration: Insights from Zebrafish. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3155.	1.8	61
53	Genetic Abnormalities, Clonal Evolution, and Cancer Stem Cells of Brain Tumors. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 85.	1.3	9
54	Adult Hippocampal Neurogenesis: A Coming-of-Age Story. <i>Journal of Neuroscience</i> , 2018, 38, 10401-10410.	1.7	134

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55	A brain boost to fight Alzheimer's disease. <i>Science</i> , 2018, 361, 975-976.	6.0	8
56	Treatment with Growth Hormone (GH) Increased the Metabolic Activity of the Brain in an Elder Patient, Not GH-Deficient, Who Suffered Mild Cognitive Alterations and Had an ApoE 4/3 Genotype. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2294.	1.8	13
57	Hippocampal granule cell loss in human chronic alcohol abusers. <i>Neurobiology of Disease</i> , 2018, 120, 63-75.	2.1	28
58	The hippocampus in multiple sclerosis. <i>Lancet Neurology</i> , The, 2018, 17, 918-926.	4.9	90
59	Characterization of the ventricular-subventricular stem cell niche during human brain development. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	35
60	Anxiety Specific Response and Contribution of Active Hippocampal Neural Stem Cells to Chronic Pain Through Wnt/ β^2 -Catenin Signaling in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 296.	1.4	15
61	Is intracranial volume a suitable proxy for brain reserve?. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 91.	3.0	54
62	The evolutionary significance of hippocampal neurogenesis. <i>European Journal of Neuroscience</i> , 2018, 48, 2945-2947.	1.2	1
63	Regenerative Medicine Therapies for Targeting Neuroinflammation After Stroke. <i>Frontiers in Neurology</i> , 2018, 9, 734.	1.1	52
64	Autotherapies: Enhancing Endogenous Healing and Regeneration. <i>Trends in Molecular Medicine</i> , 2018, 24, 919-930.	3.5	24
65	On the Viability and Potential Value of Stem Cells for Repair and Treatment of Central Neurotrauma: Overview and Speculations. <i>Frontiers in Neurology</i> , 2018, 9, 602.	1.1	15
66	Crosstalk between MicroRNAs and Autophagy in Adult Neurogenesis: Implications for Neurodegenerative Disorders. <i>Brain Plasticity</i> , 2018, 3, 195-203.	1.9	8
67	Morphine regulates adult neurogenesis and contextual memory extinction via the PKC μ /Prox1 pathway. <i>Neuropharmacology</i> , 2018, 141, 126-138.	2.0	16
68	Oleylethanolamide treatment reduces neurobehavioral deficits and brain pathology in a mouse model of Gulf War Illness. <i>Scientific Reports</i> , 2018, 8, 12921.	1.6	36
69	3D Culture Method for Alzheimer's Disease Modeling Reveals Interleukin-4 Rescues A β 242-Induced Loss of Human Neural Stem Cell Plasticity. <i>Developmental Cell</i> , 2018, 46, 85-101.e8.	3.1	118
70	Hippocampal neurogenesis confers stress resilience by inhibiting the ventral dentate gyrus. <i>Nature</i> , 2018, 559, 98-102.	13.7	399
71	A Hippocampal Signature of Posttraumatic Stress Disorder Vulnerability. <i>Biological Psychiatry</i> , 2018, 84, 78-79.	0.7	1
72	Ageing and Alzheimer's disease: Comparison and associations from molecular to system level. <i>Ageing Cell</i> , 2018, 17, e12802.	3.0	180

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73	Neurotrophic factors and neuroplasticity pathways in the pathophysiology and treatment of depression. <i>Psychopharmacology</i> , 2018, 235, 2195-2220.	1.5	184
74	Is Environmental Enrichment Ready for Clinical Application in Human Post-stroke Rehabilitation?. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 135.	1.0	98
75	Humans and Dolphins: Decline and Fall of Adult Neurogenesis. <i>Frontiers in Neuroscience</i> , 2018, 12, 497.	1.4	30
76	Neural stem cell differentiation into mature neurons: Mechanisms of regulation and biotechnological applications. <i>Biotechnology Advances</i> , 2018, 36, 1946-1970.	6.0	106
77	Regulation of neurogenesis in the adult and aging brain. <i>Current Opinion in Neurobiology</i> , 2018, 53, 131-138.	2.0	75
78	Environmental Enrichment and Successful Aging. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 155.	1.0	43
79	Zebrafish as a translational regeneration model to study the activation of neural stem cells and role of their environment. <i>Reviews in the Neurosciences</i> , 2018, 30, 45-66.	1.4	25
80	Sex Steroids, Adult Neurogenesis, and Inflammation in CNS Homeostasis, Degeneration, and Repair. <i>Frontiers in Endocrinology</i> , 2018, 9, 205.	1.5	28
81	Adult Hippocampal Neurogenesis: Regulation and Possible Functional and Clinical Correlates. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 44.	0.9	124
82	Signaling Pathways and Cellular Mechanisms Regulating Mossy Fiber Sprouting in the Development of Epilepsy. <i>Frontiers in Neurology</i> , 2018, 9, 298.	1.1	33
83	The Molecular and Cellular Mechanisms of Axon Guidance in Mossy Fiber Sprouting. <i>Frontiers in Neurology</i> , 2018, 9, 382.	1.1	23
84	Oxytosis/Ferroptosis (Re-) Emerging Roles for Oxidative Stress-Dependent Non-apoptotic Cell Death in Diseases of the Central Nervous System. <i>Frontiers in Neuroscience</i> , 2018, 12, 214.	1.4	197
85	Stable STIM1 Knockdown in Self-Renewing Human Neural Precursors Promotes Premature Neural Differentiation. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 178.	1.4	22
86	Neural stem cell therapy for subacute and chronic ischemic stroke. <i>Stem Cell Research and Therapy</i> , 2018, 9, 154.	2.4	133
87	Landscapes of childhood tumours. <i>Nature</i> , 2018, 555, 316-317.	13.7	11
88	The Janus Face of VEGF in Stroke. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1362.	1.8	123
89	Potential Brain Age Reversal after Pregnancy: Younger Brains at 4-6 Weeks Postpartum. <i>Neuroscience</i> , 2018, 386, 309-314.	1.1	50
90	Questioning human neurogenesis. <i>Nature</i> , 2018, 555, 315-316.	13.7	28

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91	Plasticity and redundancy in the integration of adult born neurons in the hippocampus. <i>Neurobiology of Learning and Memory</i> , 2018, 155, 136-142.	1.0	4
92	Human cellular models of medium spiny neuron development and Huntington disease. <i>Life Sciences</i> , 2018, 209, 179-196.	2.0	19
93	Kuhnian revolutions in neuroscience: the role of tool development. <i>Biology and Philosophy</i> , 2018, 33, 17.	0.7	9
94	Adult Human Hippocampus: No New Neurons in Sight. <i>Cerebral Cortex</i> , 2018, 28, 2479-2481.	1.6	19
95	Cells in the adult human spinal cord ependymal region do not proliferate after injury. <i>Journal of Pathology</i> , 2018, 246, 415-421.	2.1	24
96	Multi-Center Pre-clinical Consortia to Enhance Translation of Therapies and Biomarkers for Traumatic Brain Injury: Operation Brain Trauma Therapy and Beyond. <i>Frontiers in Neurology</i> , 2018, 9, 640.	1.1	42
97	Short- and long-term efficacy of electroconvulsive stimulation in animal models of depression: The essential role of neuronal survival. <i>Brain Stimulation</i> , 2018, 11, 1336-1347.	0.7	38
98	On the journey from nematode to human, scientists dive by the zebrafish cell lineage tree. <i>Genome Biology</i> , 2018, 19, 63.	3.8	2
99	Bullying at Workplace and Brain-Imaging Correlates. <i>Journal of Clinical Medicine</i> , 2018, 7, 200.	1.0	5
100	Resident brain neural precursor cells develop age-dependent loss of therapeutic functions in Alzheimer's mice. <i>Neurobiology of Aging</i> , 2018, 72, 40-52.	1.5	15
101	Youth Comes But Once in a Lifetime for Adult-Born Neurons. <i>Trends in Neurosciences</i> , 2018, 41, 563-566.	4.2	2
102	Outsmarting (and outrunning) nature's harsh decree. <i>Nature Neuroscience</i> , 2018, 21, 1141-1142.	7.1	0
103	Neural stem cell heterogeneity in the mammalian forebrain. <i>Progress in Neurobiology</i> , 2018, 170, 2-36.	2.8	15
104	Human-specific features of spatial gene expression and regulation in eight brain regions. <i>Genome Research</i> , 2018, 28, 1097-1110.	2.4	66
105	Repair after brainstem ischemia involves neurogenesis and the rubrospinal system. <i>Annals of Neurology</i> , 2018, 83, 1069-1071.	2.8	4
106	Letter: Human Hippocampal Neurogenesis Drops Sharply in Children to Undetectable Levels in Adults. <i>Neurosurgery</i> , 2018, 83, E133-E137.	0.6	10
107	Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 66-84.	2.0	88
108	Impact of environmental conditions and chemicals on the neuronal epigenome. <i>Current Opinion in Chemical Biology</i> , 2018, 45, 157-165.	2.8	18

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109	The circadian clock in adult neural stem cell maintenance. <i>Progress in Neurobiology</i> , 2019, 173, 41-53.	2.8	21
110	Ammonâ€™s Horn 2 (CA2) of the Hippocampus: A Long-Known Region with a New Potential Role in Neurodegeneration. <i>Neuroscientist</i> , 2019, 25, 167-180.	2.6	37
111	Atorvastatin Rejuvenates Neural Stem Cells Injured by Oxygenâ€“Glucose Deprivation and Induces Neuronal Differentiation Through Activating the PI3K/Akt and ERK Pathways. <i>Molecular Neurobiology</i> , 2019, 56, 2964-2977.	1.9	19
112	New Insights into Microgliaâ€“Neuron Interactions: A Neuronâ€™s Perspective. <i>Neuroscience</i> , 2019, 405, 103-117.	1.1	77
113	Preconditioning and Cellular Engineering to Increase the Survival of Transplanted Neural Stem Cells for Motor Neuron Disease Therapy. <i>Molecular Neurobiology</i> , 2019, 56, 3356-3367.	1.9	36
114	Somatic mutations in the human brain: implications for psychiatric research. <i>Molecular Psychiatry</i> , 2019, 24, 839-856.	4.1	29
115	Id4 Downstream of Notch2 Maintains Neural Stem Cell Quiescence in the Adult Hippocampus. <i>Cell Reports</i> , 2019, 28, 1485-1498.e6.	2.9	70
116	Longitudinal Two-Photon Imaging of Dorsal Hippocampal CA1 in Live Mice. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	16
117	Adult Neurogenesis in the Development of Epilepsy. <i>Epilepsy Currents</i> , 2019, 19, 316-320.	0.4	33
118	Improvement of cognitive functions by oral intake of <i>Hericum</i> <i>erinaceus</i>. <i>Biomedical Research</i> , 2019, 40, 125-131.	0.3	31
119	Mitochondrial dysfunction increases fatty acid ðŸŒšoxidation and translates into impaired neuroblast maturation. <i>FEBS Letters</i> , 2019, 593, 3173-3189.	1.3	14
120	Modes of division and differentiation of neural stem cells. <i>Behavioural Brain Research</i> , 2019, 374, 112118.	1.2	42
122	White matter neuron biology and neuropathology in schizophrenia. <i>NPJ Schizophrenia</i> , 2019, 5, 10.	2.0	24
123	Born this way: Hippocampal neurogenesis across the lifespan. <i>Aging Cell</i> , 2019, 18, e13007.	3.0	90
124	A reignited debate over the cell(s) of origin for glioblastoma and its clinical implications. <i>Frontiers of Medicine</i> , 2019, 13, 531-539.	1.5	26
125	Adult Neurogenesis and the Promise of Adult Neural Stem Cells. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951985687.	2.3	39
126	Targeting Seizure-Induced Neurogenesis in a Clinically Relevant Time Period Leads to Transient But Not Persistent Seizure Reduction. <i>Journal of Neuroscience</i> , 2019, 39, 7019-7028.	1.7	24
127	P11 Loss-of-Function is Associated with Decreased Cell Proliferation and Neurobehavioral Disorders in Mice. <i>International Journal of Biological Sciences</i> , 2019, 15, 1383-1395.	2.6	10

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128	Is Alzheimer's Disease a Neurogenesis Disorder?. <i>Cell Stem Cell</i> , 2019, 25, 7-8.	5.2	65
129	A balanced evaluation of the evidence for adult neurogenesis in humans: implication for neuropsychiatric disorders. <i>Brain Structure and Function</i> , 2019, 224, 2281-2295.	1.2	37
130	New Neurons in the Post-ischemic and Injured Brain: Migrating or Resident?. <i>Frontiers in Neuroscience</i> , 2019, 13, 588.	1.4	28
131	Genome-wide association analysis of hippocampal volume identifies enrichment of neurogenesis-related pathways. <i>Scientific Reports</i> , 2019, 9, 14498.	1.6	22
132	Proteasome activation by insulin-like growth factor-1/nuclear factor erythroid 2-related factor 2 signaling promotes exercise-induced neurogenesis. <i>Stem Cells</i> , 2020, 38, 246-260.	1.4	14
133	Polygenic burden associated to oligodendrocyte precursor cells and radial glia influences the hippocampal volume changes induced by aerobic exercise in schizophrenia patients. <i>Translational Psychiatry</i> , 2019, 9, 284.	2.4	14
134	Aged Opossums Show Alterations in Spatial Learning Behavior and Reduced Neurogenesis in the Dentate Gyrus. <i>Frontiers in Neuroscience</i> , 2019, 13, 1210.	1.4	5
135	Involvement of Adult-born and Preexisting Olfactory Bulb and Dentate Gyrus Neurons in Single-trial Olfactory Memory Acquisition and Retrieval. <i>Neuroscience</i> , 2019, 422, 75-87.	1.1	3
137	Resistance of Postnatal Hippocampal Neurogenesis to Alcohol Toxicity in a Third Trimester-Equivalent Mouse Model of Gestational Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 2504-2513.	1.4	3
138	Effects of Radiation Therapy on Neural Stem Cells. <i>Genes</i> , 2019, 10, 640.	1.0	29
139	Systemic Oxidative Stress: A Key Point in Neurodegeneration – A Review. <i>Journal of Nutrition, Health and Aging</i> , 2019, 23, 694-699.	1.5	29
140	Chrelin-Mediated Hippocampal Neurogenesis: Implications for Health and Disease. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 844-859.	3.1	33
141	Taking neurogenesis out of the lab and into the world with MAP Train My Brain. <i>Behavioural Brain Research</i> , 2019, 376, 112154.	1.2	7
142	Regulation of adult hippocampal neurogenesis exerted by sexual, cognitive and physical activity: An update. <i>Journal of Chemical Neuroanatomy</i> , 2019, 101, 101667.	1.0	11
143	Convergence of human cellular models and genetics to study neural stem cell signaling to enhance central nervous system regeneration and repair. <i>Seminars in Cell and Developmental Biology</i> , 2019, 95, 84-92.	2.3	4
144	Neural Stem Cells of the Subventricular Zone as the Origin of Human Glioblastoma Stem Cells. Therapeutic Implications. <i>Frontiers in Oncology</i> , 2019, 9, 779.	1.3	78
145	Stem Cells Heterogeneity in Different Organs. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	3
146	Perfusion fixation in brain banking: a systematic review. <i>Acta Neuropathologica Communications</i> , 2019, 7, 146.	2.4	36

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147	Reactive Disruption of the Hippocampal Neurogenic Niche After Induction of Seizures by Injection of Kainic Acid in the Amygdala. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 158.	1.8	18
148	Toxicity of ionizing radiation (IR) in a human induced pluripotent stem cell (hiPSC)-derived 3D early neurodevelopmental model. <i>Archives of Toxicology</i> , 2019, 93, 2879-2893.	1.9	7
149	Functions of adult-born neurons in hippocampal memory interference and indexing. <i>Nature Neuroscience</i> , 2019, 22, 1565-1575.	7.1	108
150	Forgetting at biologically realistic levels of neurogenesis in a large-scale hippocampal model. <i>Behavioural Brain Research</i> , 2019, 376, 112180.	1.2	17
151	Nerve cells from the brain invade prostate tumours. <i>Nature</i> , 2019, 569, 637-638.	13.7	4
152	Rise and Fall of the Empire: Conquering Alzheimer's Disease by Targeting Adult Neurogenesis. <i>Epilepsy Currents</i> , 2019, 19, 411-413.	0.4	1
154	Physical exercise: bulking up neurogenesis in human adults. <i>Cell and Bioscience</i> , 2019, 9, 74.	2.1	11
155	Experimental models and tools to tackle glioblastoma. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	70
156	Stroke Primes New Hippocampal Neurons for Hyperexcitability. <i>Journal of Neuroscience</i> , 2019, 39, 6396-6398.	1.7	0
157	Platelets: The missing link between the blood and brain?. <i>Progress in Neurobiology</i> , 2019, 183, 101695.	2.8	49
158	Perspective: Of Mice and Men – How Widespread Is Adult Neurogenesis?. <i>Frontiers in Neuroscience</i> , 2019, 13, 923.	1.4	26
159	Viewpoint on the role of tissue maintenance in ageing: focus on biomarkers of bone, cartilage, muscle, and brain tissue maintenance. <i>Ageing Research Reviews</i> , 2019, 56, 100964.	5.0	8
160	Maternal exposure to volatile anesthetics induces IL-6 in fetal brains and affects neuronal development. <i>European Journal of Pharmacology</i> , 2019, 863, 172682.	1.7	15
161	Gestational B-vitamin supplementation alleviates PM2.5-induced autism-like behavior and hippocampal neurodevelopmental impairment in mice offspring. <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109686.	2.9	28
162	Resilience Is Associated With Larger Dentate Gyrus, While Suicide Decedents With Major Depressive Disorder Have Fewer Granule Neurons. <i>Biological Psychiatry</i> , 2019, 85, 850-862.	0.7	70
163	Prolonged targeted temperature management reduces memory retrieval deficits six months post-cardiac arrest: A randomised controlled trial. <i>Resuscitation</i> , 2019, 134, 1-9.	1.3	19
164	Radiation Induces Distinct Changes in Defined Subpopulations of Neural Stem and Progenitor Cells in the Adult Hippocampus. <i>Frontiers in Neuroscience</i> , 2018, 12, 1013.	1.4	24
165	Impact of Traumatic Brain Injury on Neurogenesis. <i>Frontiers in Neuroscience</i> , 2018, 12, 1014.	1.4	51

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166	The P2X7 receptor: a new therapeutic target in Alzheimer's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 165-176.	1.5	37
167	Enduring Neuroprotective Effect of Subacute Neural Stem Cell Transplantation After Penetrating TBI. <i>Frontiers in Neurology</i> , 2018, 9, 1097.	1.1	12
168	Cerebral plasticity as the basis for upper limb recovery following brain damage. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 49-58.	2.9	20
169	Malformations of Cerebral Cortex Development: Molecules and Mechanisms. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2019, 14, 293-318.	9.6	71
170	Recalibrating the Relevance of Adult Neurogenesis. <i>Trends in Neurosciences</i> , 2019, 42, 164-178.	4.2	147
171	Acute and long-term effects of electroconvulsive therapy on human dentate gyrus. <i>Neuropsychopharmacology</i> , 2019, 44, 1805-1811.	2.8	48
172	The impact of age on number and distribution of proliferating cells in subgranular zone in adult mouse brain. <i>IBRO Reports</i> , 2019, 6, 18-30.	0.3	5
173	Environmental enrichment, new neurons and the neurobiology of individuality. <i>Nature Reviews Neuroscience</i> , 2019, 20, 235-245.	4.9	287
174	Non-engineered and Engineered Adult Neurogenesis in Mammalian Brains. <i>Frontiers in Neuroscience</i> , 2019, 13, 131.	1.4	24
175	The role of NMDA receptor in neurobiology and treatment of major depressive disorder: Evidence from translational research. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109668.	2.5	58
176	Region-specific and activity-dependent regulation of SVZ neurogenesis and recovery after stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13621-13630.	3.3	59
177	Hippocampal stem cells promotes synaptic resistance to the dysfunctional impact of amyloid beta oligomers via secreted exosomes. <i>Molecular Neurodegeneration</i> , 2019, 14, 25.	4.4	38
178	Evaluation of Neurosecretome from Mesenchymal Stem Cells Encapsulated in Silk Fibroin Hydrogels. <i>Scientific Reports</i> , 2019, 9, 8801.	1.6	27
179	Mosaic <i>APP</i> Gene Recombination in Alzheimer's Disease "What's Next?". <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951984966.	2.3	8
180	Adult Neural Stem Cells: Born to Last. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 96.	1.8	37
181	Immature excitatory neurons develop during adolescence in the human amygdala. <i>Nature Communications</i> , 2019, 10, 2748.	5.8	95
182	Early Seizure Activity Accelerates Depletion of Hippocampal Neural Stem Cells and Impairs Spatial Discrimination in an Alzheimer's Disease Model. <i>Cell Reports</i> , 2019, 27, 3741-3751.e4.	2.9	51
183	Hippocampal Subfields in Acute and Remitted Depression "an Ultra-High Field Magnetic Resonance Imaging Study. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 513-522.	1.0	22

#	ARTICLE	IF	CITATIONS
184	P2X7 Receptor Signaling in Stress and Depression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2778.	1.8	84
185	L-Lactate Promotes Adult Hippocampal Neurogenesis. <i>Frontiers in Neuroscience</i> , 2019, 13, 403.	1.4	88
186	Adult neurogenesis in mammals. <i>Science</i> , 2019, 364, 827-828.	6.0	149
187	Adult Neural Stem Cells: Constant Extension from Embryonic Ancestors. <i>Neuroscience Bulletin</i> , 2019, 35, 1120-1122.	1.5	5
188	Plasma-Based Strategies for Therapeutic Modulation of Brain Aging. <i>Neurotherapeutics</i> , 2019, 16, 675-684.	2.1	11
189	Nanomaterial-Based Approaches for Neural Regeneration. <i>Pharmaceutics</i> , 2019, 11, 266.	2.0	15
190	Antioxidant and Anti-inflammatory Mechanisms of Neuroprotection by Ursolic Acid: Addressing Brain Injury, Cerebral Ischemia, Cognition Deficit, Anxiety, and Depression. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	1.9	90
191	Quercetin Regulates the Integrated Stress Response to Improve Memory. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2761.	1.8	28
192	Neurobiological effects of aerobic exercise, with a focus on patients with schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 499-515.	1.8	35
193	Human Hippocampal Neurogenesis Persists in Aged Adults and Alzheimer's Disease Patients. <i>Cell Stem Cell</i> , 2019, 24, 974-982.e3.	5.2	389
194	Can the effects of environmental enrichment modulate BDNF expression in hippocampal plasticity? A systematic review of animal studies. <i>Synapse</i> , 2019, 73, e22103.	0.6	19
195	Newly Generated and Non-Newly Generated "Immature" Neurons in the Mammalian Brain: A Possible Reservoir of Young Cells to Prevent Brain Aging and Disease?. <i>Journal of Clinical Medicine</i> , 2019, 8, 685.	1.0	35
196	Brain Development and Stochastic Processes During Prenatal and Early Life: You Can't Lose It if You've Never Had It; But It's Better to Have It and Lose It, Than Never to Have Had It at All. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1042-1050.	0.3	23
197	Progenitors from the central nervous system drive neurogenesis in cancer. <i>Nature</i> , 2019, 569, 672-678.	13.7	188
198	Simulated weightlessness procedure, head-down bed rest impairs adult neurogenesis in the hippocampus of rhesus macaque. <i>Molecular Brain</i> , 2019, 12, 46.	1.3	7
199	Divide or Commit " Revisiting the Role of Cell Cycle Regulators in Adult Hippocampal Neurogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 55.	1.8	20
200	Involvement of p38 in Age-Related Decline in Adult Neurogenesis via Modulation of Wnt Signaling. <i>Stem Cell Reports</i> , 2019, 12, 1313-1328.	2.3	37
201	Primary cilium and brain aging: role in neural stem cells, neurodegenerative diseases and glioblastoma. <i>Ageing Research Reviews</i> , 2019, 52, 53-63.	5.0	24

#	ARTICLE	IF	CITATIONS
202	Genetic reprogramming of somatic cells into neuroblasts through a co-induction of the doublecortin gene along the Yamanaka factors: A promising approach to model neuroregenerative disorders. <i>Medical Hypotheses</i> , 2019, 127, 105-111.	0.8	2
203	Recalibrating the Existence of New Neurons in Adult Brain. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2091-2093.	1.7	2
204	Young at heart: Insights into hippocampal neurogenesis in the aged brain. <i>Behavioural Brain Research</i> , 2019, 369, 111934.	1.2	12
205	Adult Neurogenesis, Glia, and the Extracellular Matrix. <i>Cell Stem Cell</i> , 2019, 24, 690-705.	5.2	142
206	Lessons we can learn from neurons to make cancer cells quiescent. <i>Journal of Neuroscience Research</i> , 2019, 97, 1141-1152.	1.3	2
207	Genome-Wide CRISPR-Cas9 Screens Expose Genetic Vulnerabilities and Mechanisms of Temozolomide Sensitivity in Glioblastoma Stem Cells. <i>Cell Reports</i> , 2019, 27, 971-986.e9.	2.9	139
208	Phenotypical and functional heterogeneity of neural stem cells in the aged hippocampus. <i>Aging Cell</i> , 2019, 18, e12958.	3.0	51
209	Pediatric Obstructive Sleep Apnea: Neurocognitive Consequences. <i>Current Anesthesiology Reports</i> , 2019, 9, 110-115.	0.9	11
210	Structural plasticity of the hippocampus in response to estrogens in female rodents. <i>Molecular Brain</i> , 2019, 12, 22.	1.3	119
211	Making a commitment: neurons refuse cancer's advances. <i>Nature Neuroscience</i> , 2019, 22, 507-508.	7.1	1
212	Astroglialogenesis in human fetal brain: complex spatiotemporal immunoreactivity patterns of GFAP, S100, AQP4 and YKL40. <i>Journal of Anatomy</i> , 2019, 235, 590-615.	0.9	37
213	The Use of Pluripotent Stem Cell-Derived Organoids to Study Extracellular Matrix Development during Neural Degeneration. <i>Cells</i> , 2019, 8, 242.	1.8	14
214	Adult Neurogenesis and Stress. , 2019, , 79-92.		2
215	Switching From Fear to No Fear by Different Neural Ensembles in Mouse Retrosplenial Cortex. <i>Cerebral Cortex</i> , 2019, 29, 5085-5097.	1.6	23
216	New flavonoid N,N-dibenzyl(N-methyl)amine hybrids: Multi-target-directed agents for Alzheimer's disease endowed with neurogenic properties. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 712-727.	2.5	27
217	Deep Brain Stimulation for Memory Modulation: A New Frontier. <i>World Neurosurgery</i> , 2019, 126, 638-646.	0.7	18
218	Adult hippocampal neurogenesis is abundant in neurologically healthy subjects and drops sharply in patients with Alzheimer's disease. <i>Nature Medicine</i> , 2019, 25, 554-560.	15.2	1,070
219	A fresh look at adult neurogenesis. <i>Nature Medicine</i> , 2019, 25, 542-543.	15.2	16

#	ARTICLE	IF	CITATIONS
220	Adult Hippocampal Neurogenesis in Mammals (and Humans): The Death of a Central Dogma in Neuroscience and its Replacement by a New Dogma. <i>Developmental Neurobiology</i> , 2019, 79, 268-280.	1.5	28
221	Chronic Intrahippocampal Infusion of HIV-1 Neurotoxic Proteins: A Novel Mouse Model of HIV-1 Associated Inflammation and Neural Stem Cell Dysfunction. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 375-382.	2.1	9
222	Rewiring of Memory Circuits: Connecting Adult Newborn Neurons With the Help of Microglia. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 24.	1.8	52
223	Relevance of Oxygen Concentration in Stem Cell Culture for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1195.	1.8	138
224	In Vivo Cell Conversion as a New Cell Therapy. <i>Current Human Cell Research and Applications</i> , 2019, , 169-190.	0.1	0
225	Cannabinoid Actions on Neural Stem Cells: Implications for Pathophysiology. <i>Molecules</i> , 2019, 24, 1350.	1.7	28
226	Principal component regression of academic performance, substance use and sleep quality in relation to risk of anxiety and depression in young adults. <i>Trends in Neuroscience and Education</i> , 2019, 15, 29-37.	1.5	23
227	Medical Applications of iPS Cells. <i>Current Human Cell Research and Applications</i> , 2019, , .	0.1	0
228	The Role of SVZ Stem Cells in Glioblastoma. <i>Cancers</i> , 2019, 11, 448.	1.7	53
229	Validation of hippocampal biomarkers of cumulative affective experience. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 101, 113-121.	2.9	18
230	Hippocampus and Hippocampal Neurons. , 2019, , 57-68.		3
231	A role for the orphan nuclear receptor TLX in the interaction between neural precursor cells and microglia. <i>Neuronal Signaling</i> , 2019, 3, NS20180177.	1.7	8
232	p16Ink4a Prevents the Activation of Aged Quiescent Dentate Gyrus Stem Cells by Physical Exercise. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 10.	1.8	24
233	Nanoparticle technology and stem cell therapy team up against neurodegenerative disorders. <i>Advanced Drug Delivery Reviews</i> , 2019, 148, 239-251.	6.6	83
234	Genetic ablation of tau in postnatal neurons rescues decreased adult hippocampal neurogenesis in a tauopathy model. <i>Neurobiology of Disease</i> , 2019, 127, 131-141.	2.1	17
235	Continual lifelong learning with neural networks: A review. <i>Neural Networks</i> , 2019, 113, 54-71.	3.3	1,365
236	The Curious Case of Human Hippocampal Neurogenesis. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1131-1132.	1.7	6
237	Cell Kinetics in the Adult Neurogenic Niche and Impact of Diet-Induced Accelerated Aging. <i>Journal of Neuroscience</i> , 2019, 39, 2810-2822.	1.7	5

#	ARTICLE	IF	CITATIONS
238	Age-dependent decline in neurogenesis of the hippocampus and extracellular nucleotides. <i>Human Cell</i> , 2019, 32, 88-94.	1.2	30
239	Adult Hippocampal Neurogenesis in Different Taxonomic Groups: Possible Functional Similarities and Striking Controversies. <i>Cells</i> , 2019, 8, 125.	1.8	49
240	Exercise and Hippocampal Memory Systems. <i>Trends in Cognitive Sciences</i> , 2019, 23, 318-333.	4.0	141
241	Exploring the Potential Antidepressant Mechanisms of TNF α Antagonists. <i>Frontiers in Neuroscience</i> , 2019, 13, 98.	1.4	33
242	Adult Neurogenesis in Health and Disease. , 2019, , 183-219.		0
243	Cell-of-origin susceptibility to glioblastoma formation declines with neural lineage restriction. <i>Nature Neuroscience</i> , 2019, 22, 545-555.	7.1	101
244	The Neurotrophic Hypothesis of Depression Revisited: New Insights and Therapeutic Implications. , 2019, , 43-62.		11
245	E93 Integrates Neuroblast Intrinsic State with Developmental Time to Terminate MB Neurogenesis via Autophagy. <i>Current Biology</i> , 2019, 29, 750-762.e3.	1.8	48
246	Neural stem cells: origin, heterogeneity and regulation in the adult mammalian brain. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	377
247	Re-evaluating Circuit Mechanisms Underlying Pattern Separation. <i>Neuron</i> , 2019, 101, 584-602.	3.8	166
248	Sex differences in the relationship between cardiorespiratory fitness and brain function in older adulthood. <i>Journal of Applied Physiology</i> , 2019, 126, 1032-1041.	1.2	17
249	YAP Partially Reprograms Chromatin Accessibility to Directly Induce Adult Cardiogenesis In Vivo. <i>Developmental Cell</i> , 2019, 48, 765-779.e7.	3.1	171
250	Neuronal maturation reduces the type I IFN response to orthobunyavirus infection and leads to increased apoptosis of human neurons. <i>Journal of Neuroinflammation</i> , 2019, 16, 229.	3.1	22
251	Pigment Epithelium-Derived Factor Increases Native Collateral Blood Flow to Improve Cardiac Function and Induce Ventricular Remodeling After Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2019, 8, e013323.	1.6	15
252	Immature murine hippocampal neurones do not develop long-term structural changes after a single isoflurane exposure. <i>British Journal of Anaesthesia</i> , 2019, 123, 818-826.	1.5	4
253	Suppressed neurogenesis without cognitive deficits. <i>NeuroReport</i> , 2019, 30, 538-543.	0.6	8
254	Physical Activity Ameliorates Impaired Hippocampal Neurogenesis in the Tg4-42 Mouse Model of Alzheimer's Disease. <i>ASN Neuro</i> , 2019, 11, 175909141989269.	1.5	12
255	Regulation of Cell Cycle Entry and Exit: A Single Cell Perspective. , 2019, 10, 317-344.		12

#	ARTICLE	IF	CITATIONS
256	Cortico-Limbic Interactions Mediate Adaptive and Maladaptive Responses Relevant to Psychopathology. <i>American Journal of Psychiatry</i> , 2019, 176, 987-999.	4.0	51
257	Restoring Wnt/ β -catenin signaling is a promising therapeutic strategy for Alzheimer's disease. <i>Molecular Brain</i> , 2019, 12, 104.	1.3	172
258	Chromosome Instability and Mosaic Aneuploidy in Neurodegenerative and Neurodevelopmental Disorders. <i>Frontiers in Genetics</i> , 2019, 10, 1092.	1.1	32
259	Quiescence of Adult Mammalian Neural Stem Cells: A Highly Regulated Rest. <i>Neuron</i> , 2019, 104, 834-848.	3.8	221
260	Analysis of proliferating neuronal progenitors and immature neurons in the human hippocampus surgically removed from control and epileptic patients. <i>Scientific Reports</i> , 2019, 9, 18194.	1.6	37
261	Physical Activity, Sports Practice, and Cognitive Functioning: The Current Research Status. <i>Frontiers in Psychology</i> , 2019, 10, 2658.	1.1	24
263	Voluntary Exercise Rescues the Spatial Memory Deficit Associated With Early Life Isoflurane Exposure in Male Rats. <i>Anesthesia and Analgesia</i> , 2019, 129, 1365-1373.	1.1	10
264	Important unanswered questions about adult neurogenesis in schizophrenia. <i>Current Opinion in Psychiatry</i> , 2019, 32, 170-178.	3.1	27
265	Neurotherapeutic capacity of P7C3 agents for the treatment of Traumatic Brain Injury. <i>Neuropharmacology</i> , 2019, 145, 268-282.	2.0	26
266	Dentate Granule Neurons Generated During Perinatal Life Display Distinct Morphological Features Compared With Later-Born Neurons in the Mouse Hippocampus. <i>Cerebral Cortex</i> , 2019, 29, 3527-3539.	1.6	41
267	Blood-Based Therapies to Combat Aging. <i>Gerontology</i> , 2019, 65, 84-89.	1.4	30
268	Nestin Regulates Neurogenesis in Mice Through Notch Signaling From Astrocytes to Neural Stem Cells. <i>Cerebral Cortex</i> , 2019, 29, 4050-4066.	1.6	46
269	EphA4 Regulates Hippocampal Neural Precursor Proliferation in the Adult Mouse Brain by d-Serine Modulation of N-Methyl-d-Aspartate Receptor Signaling. <i>Cerebral Cortex</i> , 2019, 29, 4381-4397.	1.6	15
270	Exercise as a therapeutic intervention for motor and non-motor symptoms in Parkinson's disease: Evidence from rodent models. <i>Progress in Neurobiology</i> , 2019, 172, 2-22.	2.8	29
271	Variations in Hippocampal White Matter Diffusivity Differentiate Response to Electroconvulsive Therapy in Major Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 300-309.	1.1	17
272	Forever young: Neoteny, neurogenesis and a critique of critical periods in olfaction. <i>Journal of Bioenergetics and Biomembranes</i> , 2019, 51, 53-63.	1.0	4
273	Targeting hippocampal adult neurogenesis using transcription factors to reduce Alzheimer's disease-associated memory impairments. <i>Hippocampus</i> , 2019, 29, 579-586.	0.9	22
274	Neuroplastic and cognitive impairment in substance use disorders: a therapeutic potential of cognitive stimulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 106, 23-48.	2.9	44

#	ARTICLE	IF	CITATIONS
275	Neurogenesis in the adult hippocampus: history, regulation, and prospective roles. <i>International Journal of Neuroscience</i> , 2019, 129, 598-611.	0.8	94
276	Mitochondria as central regulators of neural stem cell fate and cognitive function. <i>Nature Reviews Neuroscience</i> , 2019, 20, 34-48.	4.9	246
277	Emerging Concepts and Functions of Autophagy as a Regulator of Synaptic Components and Plasticity. <i>Cells</i> , 2019, 8, 34.	1.8	47
278	Subventricular zone neural precursor cell responses after traumatic brain injury and binge alcohol in male rats. <i>Journal of Neuroscience Research</i> , 2019, 97, 554-567.	1.3	3
279	Purinergic receptors in neurogenic processes. <i>Brain Research Bulletin</i> , 2019, 151, 3-11.	1.4	22
280	Expression of neurogenic markers in Alzheimer's disease: a systematic review and metatranscriptional analysis. <i>Neurobiology of Aging</i> , 2019, 76, 166-180.	1.5	21
281	Structural changes in the hippocampus as a biomarker for cognitive improvements in neuropsychiatric disorders: A systematic review. <i>European Neuropsychopharmacology</i> , 2019, 29, 319-329.	0.3	31
282	Neural stem cell niche heterogeneity. <i>Seminars in Cell and Developmental Biology</i> , 2019, 95, 42-53.	2.3	75
283	Zika virus and the nonmicrocephalic fetus: why should still worry. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, 45-56.	0.7	51
284	Reconsolidation/destabilization, extinction and forgetting of fear memory as therapeutic targets for PTSD. <i>Psychopharmacology</i> , 2019, 236, 49-57.	1.5	114
285	The $\alpha 7$ nicotinic acetylcholine receptors regulate hippocampal adult-neurogenesis in a sexually dimorphic fashion. <i>Brain Structure and Function</i> , 2019, 224, 829-846.	1.2	23
286	Non-nociceptive roles of opioids in the CNS: opioids' effects on neurogenesis, learning, memory and affect. <i>Nature Reviews Neuroscience</i> , 2019, 20, 5-18.	4.9	44
287	Unsupervised excitation: GABAergic dysfunctions in Alzheimer's disease. <i>Brain Research</i> , 2019, 1707, 216-226.	1.1	76
288	Alterations of hippocampal neurogenesis during development of Alzheimer's disease-like pathology in OXYS rats. <i>Experimental Gerontology</i> , 2019, 115, 32-45.	1.2	18
289	Remote Memory and the Hippocampus: A Constructive Critique. <i>Trends in Cognitive Sciences</i> , 2019, 23, 128-142.	4.0	130
290	Stem cells under the influence of alcohol: effects of ethanol consumption on stem/progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 231-244.	2.4	38
291	The ontogeny of memory persistence and specificity. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100591.	1.9	38
292	Combination of drug and stem cells neurotherapy: Potential interventions in neurotrauma and traumatic brain injury. <i>Neuropharmacology</i> , 2019, 145, 177-198.	2.0	36

#	ARTICLE	IF	CITATIONS
293	NFIX-Mediated Inhibition of Neuroblast Branching Regulates Migration Within the Adult Mouse Ventricularâ€”Subventricular Zone. <i>Cerebral Cortex</i> , 2019, 29, 3590-3604.	1.6	10
294	Hippocampal Shape Maturation in Childhood and Adolescence. <i>Cerebral Cortex</i> , 2019, 29, 3651-3665.	1.6	23
295	Maternal experience and adult neurogenesis in mammals: Implications for maternal care, cognition, and mental health. <i>Journal of Neuroscience Research</i> , 2020, 98, 1293-1308.	1.3	19
296	Limits to human neurogenesisâ€”really?. <i>Molecular Psychiatry</i> , 2020, 25, 2207-2209.	4.1	42
297	Hippocampal viscoelasticity and episodic memory performance in healthy older adults examined with magnetic resonance elastography. <i>Brain Imaging and Behavior</i> , 2020, 14, 175-185.	1.1	38
298	Thyroid hormone regulation of neural stem cell fate: From development to ageing. <i>Acta Physiologica</i> , 2020, 228, e13316.	1.8	28
299	Circadian glucocorticoid oscillations preserve a population of adult hippocampal neural stem cells in the aging brain. <i>Molecular Psychiatry</i> , 2020, 25, 1382-1405.	4.1	58
300	Positive psychotic symptoms are associated with divergent developmental trajectories of hippocampal volume during late adolescence in patients with 22q11DS. <i>Molecular Psychiatry</i> , 2020, 25, 2844-2859.	4.1	51
301	The pharmacological reduction of hippocampal neurogenesis attenuates the protective effects of cannabidiol on cocaine voluntary intake. <i>Addiction Biology</i> , 2020, 25, e12778.	1.4	31
302	Volume increase in the dentate gyrus after electroconvulsive therapy in depressed patients as measured with 7T. <i>Molecular Psychiatry</i> , 2020, 25, 1559-1568.	4.1	87
303	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020, 71, 49-78.	9.9	152
304	Improving fitness increases dentate gyrus/CA3 volume in the hippocampal head and enhances memory in young adults. <i>Hippocampus</i> , 2020, 30, 488-504.	0.9	38
305	Adult neurogenesis in the mammalian dentate gyrus. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2020, 49, 3-16.	0.3	102
306	Impaired adult neurogenesis is an early event in Alzheimerâ€™s disease neurodegeneration, mediated by intracellular A β oligomers. <i>Cell Death and Differentiation</i> , 2020, 27, 934-948.	5.0	97
307	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. <i>Biological Psychiatry</i> , 2020, 87, 451-461.	0.7	72
308	No Evidence of Neurogenesis in Adult Rat Sympathetic Ganglia Following Guanethidine-Induced Neuronal Loss. <i>Toxicologic Pathology</i> , 2020, 48, 228-237.	0.9	5
309	The Impact of Estradiol on Neurogenesis and Cognitive Functions in Alzheimerâ€™s Disease. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 283-299.	1.7	31
310	Laying out the evidence for the persistence of neurogenesis in the adult human hippocampus. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 497-498.	1.8	5

#	ARTICLE	IF	CITATIONS
311	Wnt5a promotes differentiation and development of adult-born neurons in the hippocampus by noncanonical Wnt signaling. <i>Stem Cells</i> , 2020, 38, 422-436.	1.4	53
312	Deterioration of neuroregenerative plasticity in association with testicular atrophy and dysregulation of the hypothalamic-pituitary-gonadal (HPG) axis in Huntington's disease: A putative role of the huntingtin gene in steroidogenesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 197, 105526.	1.2	5
313	Immune Evasion Strategies Used by Zika Virus to Infect the Fetal Eye and Brain. <i>Viral Immunology</i> , 2020, 33, 22-37.	0.6	16
314	Self-powered, wireless-control, neural-stimulating electronic skin for in vivo characterization of synaptic plasticity. <i>Nano Energy</i> , 2020, 67, 104182.	8.2	52
315	Neuroprotective roles of neurotrophic factors in depression. , 2020, , 125-144.		3
316	Neuron-glia interaction through Serotonin-BDNF-NGFR axis enables regenerative neurogenesis in Alzheimer's model of adult zebrafish brain. <i>PLoS Biology</i> , 2020, 18, e3000585.	2.6	73
317	The Next 50 Years of Neuroscience. <i>Journal of Neuroscience</i> , 2020, 40, 101-106.	1.7	23
318	Functional neurogenesis over the years. <i>Behavioural Brain Research</i> , 2020, 382, 112470.	1.2	34
319	Untangling human neurogenesis to understand and counteract brain disorders. <i>Current Opinion in Pharmacology</i> , 2020, 50, 67-73.	1.7	12
320	Outer Radial Glia-like Cancer Stem Cells Contribute to Heterogeneity of Glioblastoma. <i>Cell Stem Cell</i> , 2020, 26, 48-63.e6.	5.2	222
321	Adult Neurogenesis in the Context of Brain Repair and Functional Relevance. <i>Stem Cells and Development</i> , 2020, 29, 544-554.	1.1	3
322	Increasing neurogenesis refines hippocampal activity rejuvenating navigational learning strategies and contextual memory throughout life. <i>Nature Communications</i> , 2020, 11, 135.	5.8	102
323	Unraveling human adult hippocampal neurogenesis. <i>Nature Protocols</i> , 2020, 15, 668-693.	5.5	70
324	Metabolic regulation of neurodifferentiation in the adult brain. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2483-2496.	2.4	46
325	Endogenous neural precursor cells in health and disease. <i>Brain Research</i> , 2020, 1730, 146619.	1.1	19
326	Endocannabinoid system and adult neurogenesis: a focused review. <i>Current Opinion in Pharmacology</i> , 2020, 50, 25-32.	1.7	41
327	New insights into the regulatory roles of microRNAs in adult neurogenesis. <i>Current Opinion in Pharmacology</i> , 2020, 50, 38-45.	1.7	16
328	Nutrients and neurogenesis: the emerging role of autophagy and gut microbiota. <i>Current Opinion in Pharmacology</i> , 2020, 50, 46-52.	1.7	14

#	ARTICLE	IF	CITATIONS
329	Adult neurogenesis and the dentate gyrus: Predicting function from form. Behavioural Brain Research, 2020, 379, 112346.	1.2	22
330	Hippocampal volume and cell number in depression, schizophrenia, and suicide subjects. Brain Research, 2020, 1727, 146546.	1.1	48
331	Adult hippocampal neurogenesis as a target for cocaine addiction: a review of recent developments. Current Opinion in Pharmacology, 2020, 50, 109-116.	1.7	12
332	Neural stem cell therapy for neurovascular injury in Alzheimer's disease. Experimental Neurology, 2020, 324, 113112.	2.0	60
333	Is There a Shared Etiology of Olfactory Impairments in Normal Aging and Neurodegenerative Disease?. Journal of Alzheimer's Disease, 2020, 73, 1-21.	1.2	10
334	Developmental dynamics of neurogenesis and gliogenesis in the postnatal mammalian brain in health and disease: Historical and future perspectives. Wiley Interdisciplinary Reviews: Developmental Biology, 2020, 9, e369.	5.9	16
335	Tuberous Sclerosis (tsc2+/-) Model Eker Rats Reveals Extensive Neuronal Loss with Microglial Invasion and Vascular Remodeling Related to Brain Neoplasia. Neurotherapeutics, 2020, 17, 329-339.	2.1	11
336	The use of bioactive matrices in regenerative therapies for traumatic brain injury. Acta Biomaterialia, 2020, 102, 1-12.	4.1	17
337	Rejuvenating subventricular zone neurogenesis in the aging brain. Current Opinion in Pharmacology, 2020, 50, 1-8.	1.7	21
338	Neuroprotective roles of neurotrophic growth factors in mood disorders. , 2020, , 145-172.		0
340	Coniferaldehyde attenuates Alzheimer's pathology <i>via</i> activation of Nrf2 and its targets. Theranostics, 2020, 10, 179-200.	4.6	37
341	Novel insights into inner ear development and regeneration for targeted hearing loss therapies. Hearing Research, 2020, 397, 107859.	0.9	48
342	Neuroimmune and epigenetic mechanisms underlying persistent loss of hippocampal neurogenesis following adolescent intermittent ethanol exposure. Current Opinion in Pharmacology, 2020, 50, 9-16.	1.7	31
343	Born to Be Wild: A Case for Targeting Ectopic Adult Born Granule Cells for Seizure Control. Epilepsy Currents, 2020, 20, 57-60.	0.4	0
344	A Review of the Brain-Gut-Microbiome Axis and the Potential Role of Microbiota in Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 73, 849-865.	1.2	67
345	Adult neurogenesis, human after all (again): Classic, optimized, and future approaches. Behavioural Brain Research, 2020, 381, 112458.	1.2	69
346	Understanding the effects of air pollution on neurogenesis and gliogenesis in the growing and adult brain. Current Opinion in Pharmacology, 2020, 50, 61-66.	1.7	34
347	Seizure-Induced Neurogenesis: 1 Out of 3 Ain't Bad. Epilepsy Currents, 2020, 20, 47S-49S.	0.4	1

#	ARTICLE	IF	CITATIONS
348	Role of Wnt Signaling in Adult Hippocampal Neurogenesis in Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 860.	1.8	80
349	Beyond the Hippocampus and the SVZ: Adult Neurogenesis Throughout the Brain. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 576444.	1.8	114
350	Cell cycle re-entry of neurons and reactive neuroblastosis in Huntington's disease: Possibilities for neural-glial transition in the brain. <i>Life Sciences</i> , 2020, 263, 118569.	2.0	12
351	Metabolic regulation of aging and age-related disease. <i>Ageing Research Reviews</i> , 2020, 64, 101175.	5.0	14
352	Transcriptomic analysis of the signature of neurogenesis in human hippocampus suggests restricted progenitor cell progression post-childhood. <i>IBRO Reports</i> , 2020, 9, 224-232.	0.3	8
353	Common and Distinct Features of Adult Neurogenesis and Regeneration in the Telencephalon of Zebrafish and Mammals. <i>Frontiers in Neuroscience</i> , 2020, 14, 568930.	1.4	49
354	Metabolic Enhancement of Glycolysis and Mitochondrial Respiration Are Essential for Neuronal Differentiation. <i>Cellular Reprogramming</i> , 2020, 22, 291-299.	0.5	6
355	Proinflammatory S100A9 Regulates Differentiation and Aggregation of Neural Stem Cells. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3549-3556.	1.7	6
356	Application of stem cell biology in treating neurodegenerative diseases. <i>International Journal of Neuroscience</i> , 2022, 132, 815-825.	0.8	4
357	Thyroid Hormone and Neural Stem Cells: Repair Potential Following Brain and Spinal Cord Injury. <i>Frontiers in Neuroscience</i> , 2020, 14, 875.	1.4	15
358	Regulation of Adult Neurogenesis in Mammalian Brain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4869.	1.8	82
359	Blood factors transfer beneficial effects of exercise on neurogenesis and cognition to the aged brain. <i>Science</i> , 2020, 369, 167-173.	6.0	234
360	The Pro-neurogenic Effects of Cannabidiol and Its Potential Therapeutic Implications in Psychiatric Disorders. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 109.	1.0	17
361	Astragaloside IV improves neurobehavior and promotes hippocampal neurogenesis in MCAO rats through BDNF-TrkB signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110353.	2.5	29
362	Calcium Channels in Adult Brain Neural Stem Cells and in Glioblastoma Stem Cells. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 600018.	1.8	10
363	Enriched environment ameliorates adult hippocampal neurogenesis deficits in Tcf4 haploinsufficient mice. <i>BMC Neuroscience</i> , 2020, 21, 50.	0.8	7
364	Human Pluripotent Stem Cells-Based Therapies for Neurodegenerative Diseases: Current Status and Challenges. <i>Cells</i> , 2020, 9, 2517.	1.8	45
365	To Become or Not to Become Tumorigenic: Subventricular Zone Versus Hippocampal Neural Stem Cells. <i>Frontiers in Oncology</i> , 2020, 10, 602217.	1.3	10

#	ARTICLE	IF	CITATIONS
366	Collaborating network in managing post the Mount Merapi's disruption, Indonesia. <i>Jamba: Journal of Disaster Risk Studies</i> , 2020, 12, 927.	0.4	2
367	Mechanisms Underlying Memory Consolidation by Adult-Born Neurons During Sleep. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 594401.	1.8	4
368	Applying hiPSCs and Biomaterials Towards an Understanding and Treatment of Traumatic Brain Injury. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 594304.	1.8	10
369	Adult Neurogenesis in the Olfactory System: Improving Performance for Difficult Discrimination Tasks?. <i>BioEssays</i> , 2020, 42, 2000065.	1.2	4
370	Life-Long Neural Stem Cells Are Fate-Specified at an Early Developmental Stage. <i>Cerebral Cortex</i> , 2020, 30, 6415-6425.	1.6	2
371	Intracranial alternating current stimulation facilitates neurogenesis in a mouse model of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 89.	3.0	15
372	Alterations of the Hippocampal Neurogenic Niche in a Mouse Model of Dravet Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 654.	1.8	14
373	Neurogenesis From Embryo to Adult – Lessons From Flies and Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 533.	1.8	38
374	Potential Involvement of Adiponectin Signaling in Regulating Physical Exercise-Elicited Hippocampal Neurogenesis and Dendritic Morphology in Stressed Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 189.	1.8	13
375	Effects of Physical Exercise on Autophagy and Apoptosis in Aged Brain: Human and Animal Studies. <i>Frontiers in Nutrition</i> , 2020, 7, 94.	1.6	27
376	Aging and Rejuvenation of Neural Stem Cells and Their Niches. <i>Cell Stem Cell</i> , 2020, 27, 202-223.	5.2	118
377	Hope and change: Regrowth of nerves. , 2020, , 173-222.		0
379	Adult Neural Stem Cells as Promising Targets in Psychiatric Disorders. <i>Stem Cells and Development</i> , 2020, 29, 1099-1117.	1.1	2
380	Glia and Neural Stem and Progenitor Cells of the Healthy and Ischemic Brain: The Workplace for the Wnt Signaling Pathway. <i>Genes</i> , 2020, 11, 804.	1.0	16
381	Assessment of cognitive and neural recovery in survivors of pediatric brain tumors in a pilot clinical trial using metformin. <i>Nature Medicine</i> , 2020, 26, 1285-1294.	15.2	65
382	Gaps and Doubts in Search to Recognize Glioblastoma Cellular Origin and Tumor Initiating Cells. <i>Journal of Oncology</i> , 2020, 2020, 1-15.	0.6	10
383	Mechanisms of enhanced quiescence in neural stem cell aging. <i>Mechanisms of Ageing and Development</i> , 2020, 191, 111323.	2.2	26
384	The Role of Alpha-Synuclein and Other Parkinson's Genes in Neurodevelopmental and Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5724.	1.8	37

#	ARTICLE	IF	CITATIONS
385	Reduced proteasome activity in the aging brain results in ribosome stoichiometry loss and aggregation. <i>Molecular Systems Biology</i> , 2020, 16, e9596.	3.2	131
386	Sugarcane (<i>Saccharum officinarum</i> L.) Top Extract Ameliorates Cognitive Decline in Senescence Model SAMP8 Mice: Modulation of Neural Development and Energy Metabolism. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 573487.	1.8	7
387	Can Growth Factors Cure Parkinson's Disease?. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 909-922.	4.0	29
388	Understanding the Real State of Human Adult Hippocampal Neurogenesis From Studies of Rodents and Non-human Primates. <i>Frontiers in Neuroscience</i> , 2020, 14, 839.	1.4	23
389	Role of Microglia in Modulating Adult Neurogenesis in Health and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6875.	1.8	21
390	Links Between the Neurobiology of Oxytocin and Human Musicality. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 350.	1.0	33
391	Harnessing neurogenesis in the adult brain—A role in type 2 diabetes mellitus and Alzheimer's disease. <i>International Review of Neurobiology</i> , 2020, 155, 235-269.	0.9	2
392	Stem Cells of the Aging Brain. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 247.	1.7	48
393	Steps towards standardized quantification of adult neurogenesis. <i>Nature Communications</i> , 2020, 11, 4275.	5.8	34
394	Age-related loss of neural stem cell O-GlcNAc promotes a glial fate switch through STAT3 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22214-22224.	3.3	52
395	GSK-3 β activation accelerates early-stage consumption of Hippocampal Neurogenesis in senescent mice. <i>Theranostics</i> , 2020, 10, 9674-9685.	4.6	16
396	The effects of microglia- and astrocyte-derived factors on neurogenesis in health and disease. <i>European Journal of Neuroscience</i> , 2021, 54, 5880-5901.	1.2	84
397	Adult Neurogenesis in the Drosophila Brain: The Evidence and the Void. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6653.	1.8	19
398	Putative Autoantigen Leiomodin-1 Is Expressed in the Human Brain and in the Membrane Fraction of Newly Formed Neurons. <i>Pathogens</i> , 2020, 9, 1036.	1.2	11
399	Transient Global Amnesia: An Electrophysiological Disorder Based on Cortical Spreading Depression—Transient Global Amnesia Model. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 602496.	1.0	11
400	Neuroprotective Effects of the Anti-cancer Drug Lapatinib Against Epileptic Seizures via Suppressing Glutathione Peroxidase 4-Dependent Ferroptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 601572.	1.6	29
401	Methylmercury Interactions With Gut Microbiota and Potential Modulation of Neurogenic Niches in the Brain. <i>Frontiers in Neuroscience</i> , 2020, 14, 576543.	1.4	8
402	Sex differences in the antidepressant-like potential of repeated electroconvulsive seizures in adolescent and adult rats: Regulation of the early stages of hippocampal neurogenesis. <i>European Neuropsychopharmacology</i> , 2020, 41, 132-145.	0.3	18

#	ARTICLE	IF	CITATIONS
403	Voluntary wheel running promotes improvements in biomarkers associated with neurogenic activity in adult male rats. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1505-1511.	1.0	6
404	Lineage hierarchies and stochasticity ensure the long-term maintenance of adult neural stem cells. <i>Science Advances</i> , 2020, 6, eaaz5424.	4.7	37
405	Telomerase Gene Editing in the Neural Stem Cells in vivo as a Possible New Approach against Brain Aging. <i>Russian Journal of Genetics</i> , 2020, 56, 387-401.	0.2	1
406	dotdotdot: an automated approach to quantify multiplex single molecule fluorescent in situ hybridization (smFISH) images in complex tissues. <i>Nucleic Acids Research</i> , 2020, 48, e66-e66.	6.5	46
407	Role of Mesenchymal Stem Cells in Counteracting Oxidative Stress-Related Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3299.	1.8	23
408	The functions of long non-coding RNAs in neural stem cell proliferation and differentiation. <i>Cell and Bioscience</i> , 2020, 10, 74.	2.1	19
409	Radial glia in the zebrafish brain: Functional, structural, and physiological comparison with the mammalian glia. <i>Glia</i> , 2020, 68, 2451-2470.	2.5	96
410	MOF-encapsulated nanozyme enhanced siRNA combo: Control neural stem cell differentiation and ameliorate cognitive impairments in Alzheimer's disease model. <i>Biomaterials</i> , 2020, 255, 120160.	5.7	118
411	Atomoxetine improves hippocampal cell proliferation but not memory in Doxorubicin-treated adult male rats. <i>Veterinary Medicine and Science</i> , 2020, 6, 1017-1024.	0.6	2
412	FASN-Dependent Lipid Metabolism Links Neurogenic Stem/Progenitor Cell Activity to Learning and Memory Deficits. <i>Cell Stem Cell</i> , 2020, 27, 98-109.e11.	5.2	62
413	Quadrella incana (Capparaceae) Leaf Extract Enhances Proliferation and Maintenance of Neural Stem/Progenitor Cells through Upregulating Glycolytic Flux and Redox Potential. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	0
414	Tissue Engineering and Biomaterial Strategies to Elicit Endogenous Neuronal Replacement in the Brain. <i>Frontiers in Neurology</i> , 2020, 11, 344.	1.1	17
415	Triboelectric nanogenerator for healthcare and biomedical applications. <i>Nano Today</i> , 2020, 33, 100882.	6.2	110
416	Molecular mechanisms of forgetting. <i>European Journal of Neuroscience</i> , 2021, 54, 6912-6932.	1.2	8
417	Dementia, Depression, and Associated Brain Inflammatory Mechanisms after Spinal Cord Injury. <i>Cells</i> , 2020, 9, 1420.	1.8	38
418	Current understanding of adult neurogenesis in the mammalian brain: how does adult neurogenesis decrease with age?. <i>Inflammation and Regeneration</i> , 2020, 40, 10.	1.5	30
419	Traumatic brain injury and hippocampal neurogenesis: Functional implications. <i>Experimental Neurology</i> , 2020, 331, 113372.	2.0	36
420	Sparse Activity of Hippocampal Adult-Born Neurons during REM Sleep Is Necessary for Memory Consolidation. <i>Neuron</i> , 2020, 107, 552-565.e10.	3.8	73

#	ARTICLE	IF	CITATIONS
421	Clustering algorithm for mixed datasets using density peaks and Self-Organizing Generative Adversarial Networks. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 203, 104070.	1.8	5
422	Closing the gap from transcription to the structural connectome enhances the study of connections in the human brain. <i>Developmental Dynamics</i> , 2020, 249, 1047-1061.	0.8	11
423	ESCâ€™sEVs Rejuvenate Senescent Hippocampal NSCs by Activating Lysosomes to Improve Cognitive Dysfunction in Vascular Dementia. <i>Advanced Science</i> , 2020, 7, 1903330.	5.6	26
424	Cardiorespiratory fitness and mnemonic discrimination across the adult lifespan. <i>Learning and Memory</i> , 2020, 27, 91-103.	0.5	10
425	Granule Cell Dispersion in Human Temporal Lobe Epilepsy: Proteomics Investigation of Neurodevelopmental Migratory Pathways. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 53.	1.8	16
426	Mechanisms of cognitive dysfunction in CKD. <i>Nature Reviews Nephrology</i> , 2020, 16, 452-469.	4.1	159
427	Plasticity as a therapeutic target for improving cognition and behavior in Down syndrome. <i>Progress in Brain Research</i> , 2020, 251, 269-302.	0.9	13
428	The Relationship Between Contrast Associated Nephropathy and Coronary Collateral Circulation in very Old Patients. <i>Medicina (Lithuania)</i> , 2020, 56, 99.	0.8	0
429	Energy Restriction Enhances Adult Hippocampal Neurogenesis-Associated Memory after Four Weeks in an Adult Human Population with Central Obesity; a Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 638.	1.7	43
430	Effects of interferon-alpha on hippocampal neurogenesis and behavior in common marmosets. <i>Molecular Brain</i> , 2020, 13, 98.	1.3	4
431	Cell-by-Cell Deconstruction of Stem Cell Niches. <i>Cell Stem Cell</i> , 2020, 27, 19-34.	5.2	19
432	Neurogenesis of medium spiny neurons in the nucleus accumbens continues into adulthood and is enhanced by pathological pain. <i>Molecular Psychiatry</i> , 2021, 26, 4616-4632.	4.1	9
433	Neurogenesis in the damaged mammalian brain. , 2020, , 523-597.		1
434	Neural stem cells among glia. , 2020, , 775-806.		2
435	Neuroprotection of Radiosensitive Juvenile Mice by Ultra-High Dose Rate FLASH Irradiation. <i>Cancers</i> , 2020, 12, 1671.	1.7	74
436	Cell Lineage-Based Stratification for Glioblastoma. <i>Cancer Cell</i> , 2020, 38, 366-379.e8.	7.7	68
437	Neuroimaging and Neuropsychological Outcomes Following Clinician-Delivered Cognitive Training for Six Patients With Mild Brain Injury: A Multiple Case Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 229.	1.0	8
438	Deciphering New Players in the Neurogenic Adult Hippocampal Niche. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 548.	1.8	14

#	ARTICLE	IF	CITATIONS
439	Selective Survival of Sim1/MC4R Neurons in Diet-Induced Obesity. <i>IScience</i> , 2020, 23, 101114.	1.9	7
440	Testosterone and Adult Neurogenesis. <i>Biomolecules</i> , 2020, 10, 225.	1.8	32
441	Brain Structural Plasticity: From Adult Neurogenesis to Immature Neurons. <i>Frontiers in Neuroscience</i> , 2020, 14, 75.	1.4	53
442	Late-life cognitive decline is associated with hippocampal volume, above and beyond its associations with traditional neuropathologic indices. <i>Alzheimer's and Dementia</i> , 2020, 16, 209-218.	0.4	40
443	Do antidepressants promote neurogenesis in adult hippocampus? A systematic review and meta-analysis on naive rodents. , 2020, 210, 107515.		34
444	Dynamic Changes in the Neurogenic Potential in the Ventricular/Subventricular Zone of Common Marmoset during Postnatal Brain Development. <i>Cerebral Cortex</i> , 2020, 30, 4092-4109.	1.6	15
445	Neurogenesis right under your nose. <i>Nature Neuroscience</i> , 2020, 23, 297-298.	7.1	5
446	Cell proliferation and neurogenesis alterations in Alzheimer's disease and diabetes mellitus mixed murine models. <i>Journal of Neurochemistry</i> , 2020, 154, 673-692.	2.1	11
447	AdipoRon improves cognitive dysfunction of Alzheimer's disease and rescues impaired neural stem cell proliferation through AdipoR1/AMPK pathway. <i>Experimental Neurology</i> , 2020, 327, 113249.	2.0	37
448	Neuroregeneration: Regulation in Neurodegenerative Diseases and Aging. <i>Biochemistry (Moscow)</i> , 2020, 85, 108-130.	0.7	13
449	Dentate gyrus circuits for encoding, retrieval and discrimination of episodic memories. <i>Nature Reviews Neuroscience</i> , 2020, 21, 153-168.	4.9	233
450	Characterization of neurogenic niches in the telencephalon of juvenile and adult sharks. <i>Brain Structure and Function</i> , 2020, 225, 817-839.	1.2	12
451	Neurocognitive Decline Following Radiotherapy: Mechanisms and Therapeutic Implications. <i>Cancers</i> , 2020, 12, 146.	1.7	46
452	Interneuron Accumulation of Phosphorylated tau Impairs Adult Hippocampal Neurogenesis by Suppressing GABAergic Transmission. <i>Cell Stem Cell</i> , 2020, 26, 331-345.e6.	5.2	92
453	Communication, Cross Talk, and Signal Integration in the Adult Hippocampal Neurogenic Niche. <i>Neuron</i> , 2020, 105, 220-235.	3.8	75
454	A unified model of dementias and age-related neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, 365-383.	0.4	13
455	Neuroinflammation and Neurogenesis in Alzheimer's Disease and Potential Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , 2020, 21, 701.	1.8	108
456	Melatonin mitigates hippocampal and cognitive impairments caused by prenatal irradiation. <i>European Journal of Neuroscience</i> , 2020, 52, 3575-3594.	1.2	12

#	ARTICLE	IF	CITATIONS
457	The Paradoxical Effect of Deep Brain Stimulation on Memory. , 2020, 11, 179.		14
458	Deciphering the neuroprotective and neurogenic potential of soluble amyloid precursor protein alpha (sAPP \pm). Cellular and Molecular Life Sciences, 2020, 77, 2315-2330.	2.4	35
459	Tuning melatonin receptor subtype selectivity in oxadiazolone-based analogues: Discovery of QR2 ligands and NRF2 activators with neurogenic properties. European Journal of Medicinal Chemistry, 2020, 190, 112090.	2.6	15
460	Differential annualized rates of hippocampal subfields atrophy in aging and future Alzheimer's clinical syndrome. Neurobiology of Aging, 2020, 90, 75-83.	1.5	28
461	Vascular endothelial growth factor in bipolar depression: A potential biomarker for diagnosis and treatment outcome prediction. Psychiatry Research, 2020, 284, 112781.	1.7	13
462	Current approaches to modeling the virtual reality in rodents for the assessment of brain plasticity and behavior. Journal of Neuroscience Methods, 2020, 335, 108616.	1.3	6
463	Dopamine D1R-neuron cacna1c deficiency: a new model of extinction therapy-resistant post-traumatic stress. Molecular Psychiatry, 2021, 26, 2286-2298.	4.1	13
464	Exercise, redox system and neurodegenerative diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165778.	1.8	45
465	Lifestyle mediates the role of nutrient-sensing pathways in cognitive aging: cellular and epidemiological evidence. Communications Biology, 2020, 3, 157.	2.0	27
466	Associations of Objectively-Assessed Physical Activity and Sedentary Time with Hippocampal Gray Matter Volume in Children with Overweight/Obesity. Journal of Clinical Medicine, 2020, 9, 1080.	1.0	18
467	Bcl11 Transcription Factors Regulate Cortical Development and Function. Frontiers in Molecular Neuroscience, 2020, 13, 51.	1.4	36
468	Twin studies on the association of physical activity with cognitive and cerebral outcomes. Neuroscience and Biobehavioral Reviews, 2020, 114, 1-11.	2.9	3
469	Chronic hyperglycemia impairs hippocampal neurogenesis and memory in an Alzheimer's disease mouse model. Neurobiology of Aging, 2020, 92, 98-113.	1.5	19
470	Hippocampal granule cell dispersion: a non-specific finding in pediatric patients with no history of seizures. Acta Neuropathologica Communications, 2020, 8, 54.	2.4	18
471	Deconstructing Neurogenesis, Transplantation and Genome-Editing as Neural Repair Strategies in Brain Disease. Frontiers in Cell and Developmental Biology, 2020, 8, 116.	1.8	5
472	Therapeutic Plasticity of Neural Stem Cells. Frontiers in Neurology, 2020, 11, 148.	1.1	65
473	Neuroinflammation and depression: A review. European Journal of Neuroscience, 2021, 53, 151-171.	1.2	489
474	Neurogenesis and neuronal migration in the postnatal ventricular-subventricular zone: Similarities and dissimilarities between rodents and primates. Neuroscience Research, 2021, 167, 64-69.	1.0	19

#	ARTICLE	IF	CITATIONS
475	Natural and forced neurogenesis in the adult brain: Mechanisms and their possible application to treat neurological disorders. <i>Neuroscience Research</i> , 2021, 166, 1-11.	1.0	7
476	Regeneration using endogenous neural stem cells following neonatal brain injury. <i>Pediatrics International</i> , 2021, 63, 13-21.	0.2	14
477	The role of Nrf2 in neural stem/progenitors cells: From maintaining stemness and self-renewal to promoting differentiation capability and facilitating therapeutic application in neurodegenerative disease. <i>Ageing Research Reviews</i> , 2021, 65, 101211.	5.0	72
478	Neurocognitive Effects of Sleep Disruption in Children and Adolescents. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2021, 30, 27-45.	1.0	18
479	Associations of sleep with gray matter volume and their implications for academic achievement, executive function and intelligence in children with overweight/obesity. <i>Pediatric Obesity</i> , 2021, 16, e12707.	1.4	11
480	Estrogen-dependent hippocampal wiring as a risk factor for age-related dementia in women. <i>Progress in Neurobiology</i> , 2021, 197, 101895.	2.8	13
481	SP-GAN: Self-Growing and Pruning Generative Adversarial Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 2458-2469.	7.2	14
482	Enhancing adult neurogenesis promotes contextual fear memory discrimination and activation of hippocampal-dorsolateral septal circuits. <i>Behavioural Brain Research</i> , 2021, 399, 112917.	1.2	17
483	ESC-sEVs Rejuvenate Aging Hippocampal NSCs by Transferring SMADs to Regulate the MYT1-Egln3-Sirt1 Axis. <i>Molecular Therapy</i> , 2021, 29, 103-120.	3.7	23
484	Constraint-induced movement therapy promotes motor recovery after neonatal stroke in the absence of neural precursor activation. <i>European Journal of Neuroscience</i> , 2021, 53, 1334-1349.	1.2	2
485	Shifting Minds: A Quantitative Reappraisal of Cognitive-Intervention Research. <i>Perspectives on Psychological Science</i> , 2021, 16, 148-160.	5.2	4
486	Galanin and neuropeptide Y interactions elicit antidepressant activity linked to neuronal precursor cells of the dentate gyrus in the ventral hippocampus. <i>Journal of Cellular Physiology</i> , 2021, 236, 3565-3578.	2.0	9
487	Lactate induces neurogenesis in the mouse ventricular-subventricular zone via the lactate receptor HCAR1. <i>Acta Physiologica</i> , 2021, 231, e13587.	1.8	25
488	The art of lineage tracing: From worm to human. <i>Progress in Neurobiology</i> , 2021, 199, 101966.	2.8	9
489	One progenitor to generate them all: new evidence for multi-fated neural progenitors. <i>Current Opinion in Neurobiology</i> , 2021, 66, 186-194.	2.0	7
490	The environmental sculpting hypothesis of juvenile and adult hippocampal neurogenesis. <i>Progress in Neurobiology</i> , 2021, 199, 101961.	2.8	9
491	Trajectory of change in brain complement factors from neonatal to young adult humans. <i>Journal of Neurochemistry</i> , 2021, 157, 479-493.	2.1	12
492	Recurrent limbic seizures do not cause hippocampal neuronal loss: A prolonged laboratory study. <i>Neurobiology of Disease</i> , 2021, 148, 105183.	2.1	5

#	ARTICLE	IF	CITATIONS
493	Insights into the mechanism of adult neurogenesis - an interview with Arturo Álvarez-Buylla. <i>International Journal of Developmental Biology</i> , 2021, 65, 153-161.	0.3	1
494	Oral health and healthy chewing for healthy cognitive ageing: A comprehensive narrative review. <i>Gerodontology</i> , 2021, 38, 126-135.	0.8	19
495	Glucocorticoid-mediated mechanisms of hippocampal damage: Contribution of subgranular neurogenesis. <i>Journal of Neurochemistry</i> , 2021, 157, 370-392.	2.1	28
496	Long-term self-renewing stem cells in the adult mouse hippocampus identified by intravital imaging. <i>Nature Neuroscience</i> , 2021, 24, 225-233.	7.1	87
497	Cardiorespiratory fitness, hippocampal subfield volumes, and mnemonic discrimination task performance in aging. <i>Human Brain Mapping</i> , 2021, 42, 871-892.	1.9	13
498	Critical thinking on amyloid-beta-targeted therapy: challenges and perspectives. <i>Science China Life Sciences</i> , 2021, 64, 926-937.	2.3	12
499	The FGF2-induced tanycyte proliferation involves a connexin 43 hemichannel/purinergic-dependent pathway. <i>Journal of Neurochemistry</i> , 2021, 156, 182-199.	2.1	16
500	The dentate gyrus in depression. <i>European Journal of Neuroscience</i> , 2021, 53, 39-64.	1.2	22
501	Implications of Adult Neural Stem Cell Abnormalities in the Pathophysiological Mechanism of Schizophrenia. <i>Journal of Korean Neuropsychiatric Association</i> , 2021, 60, 28.	0.2	0
502	Stimulatory effects of (âˆ-)epicatechin and its enantiomer (+)-epicatechin on mouse frontal cortex neurogenesis markers and short-term memory: proof of concept. <i>Food and Function</i> , 2021, 12, 3504-3515.	2.1	6
503	Thyroid hormone regulation of adult neural stem cell fate: A comparative analysis between rodents and primates. <i>Vitamins and Hormones</i> , 2021, 116, 133-192.	0.7	2
504	Intrinsic Mechanisms Regulating Neuronal Migration in the Postnatal Brain. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 620379.	1.8	23
505	Brain Development. , 2021, , 725-735.		0
506	Episodic memory development in normal and adverse environments. , 2021, , 517-527.		2
507	Role of epigenetics in the brain. , 2021, , 85-109.		1
509	Sex and sex hormone differences in hippocampal neurogenesis and their relevance to Alzheimer's disease. , 2021, , 23-77.		3
510	Adult hippocampal neurogenesis in Alzheimer's disease. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 177, 137-156.	0.9	20
511	Training-Induced Neural Plasticity in Youth: A Systematic Review of Structural and Functional MRI Studies. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 497245.	1.0	12

#	ARTICLE	IF	CITATIONS
512	Proteoglycans of the Neural Stem Cell Niche. <i>Biology of Extracellular Matrix</i> , 2021, , 179-203.	0.3	0
513	Inbred mouse model of brain development and intestinal microbiota. , 2021, , 545-555.		1
514	Does Impairment of Adult Neurogenesis Contribute to Pathophysiology of Alzheimer's Disease? A Still Open Question. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 578211.	1.4	23
515	The genetic basis of inter-individual variation in recovery from traumatic brain injury. <i>Npj Regenerative Medicine</i> , 2021, 6, 5.	2.5	23
516	Formation and integration of new neurons in the adult hippocampus. <i>Nature Reviews Neuroscience</i> , 2021, 22, 223-236.	4.9	146
517	Tau Pathology and Adult Hippocampal Neurogenesis: What Tau Mouse Models Tell us?. <i>Frontiers in Neurology</i> , 2021, 12, 610330.	1.1	8
518	Metabolic disorder in Alzheimerâ€™s disease. <i>Metabolic Brain Disease</i> , 2021, 36, 781-813.	1.4	23
519	Evidence of the Cellular Senescence Stress Response in Mitotically Active Brain Cellsâ€™ Implications for Cancer and Neurodegeneration. <i>Life</i> , 2021, 11, 153.	1.1	16
520	Physical exercise promotes brain remodeling by regulating epigenetics, neuroplasticity and neurotrophins. <i>Reviews in the Neurosciences</i> , 2021, 32, 615-629.	1.4	27
521	New Insights Into the Intricacies of Proneural Gene Regulation in the Embryonic and Adult Cerebral Cortex. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 642016.	1.4	24
522	Neurotrophins Time Point Intervention after Traumatic Brain Injury: From Zebrafish to Human. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1585.	1.8	20
523	Organization of radial glia reveals growth pattern in the telencephalon of a percomorph fish <sc><i>Astatotilapia burtoni</i></sc>. <i>Journal of Comparative Neurology</i> , 2021, 529, 2813-2823.	0.9	4
524	Cellular Mechanisms Participating in Brain Repair of Adult Zebrafish and Mammals after Injury. <i>Cells</i> , 2021, 10, 391.	1.8	22
525	Diabetes, stroke, and neuroresilience: looking beyond hyperglycemia. <i>Annals of the New York Academy of Sciences</i> , 2021, 1495, 78-98.	1.8	23
526	Regenerative Stem Cell Therapy for Neurodegenerative Diseases: An Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2153.	1.8	72
527	Evidences for Adult Hippocampal Neurogenesis in Humans. <i>Journal of Neuroscience</i> , 2021, 41, 2541-2553.	1.7	136
528	Advances and Perspectives in Dental Pulp Stem Cell Based Neuroregeneration Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3546.	1.8	32
529	Long-term stimulation of the anteromedial thalamus increases hippocampal neurogenesis and spatial reference memory in adult rats. <i>Behavioural Brain Research</i> , 2021, 402, 113114.	1.2	5

#	ARTICLE	IF	CITATIONS
530	Mitochondrial and Autophagic Regulation of Adult Neurogenesis in the Healthy and Diseased Brain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3342.	1.8	15
531	Hippocampal regenerative medicine: neurogenic implications for addiction and mental disorders. <i>Experimental and Molecular Medicine</i> , 2021, 53, 358-368.	3.2	12
532	IL4-driven microglia modulate stress resilience through BDNF-dependent neurogenesis. <i>Science Advances</i> , 2021, 7, .	4.7	123
533	Dysfunction of the proteoglycan Tsukushi causes hydrocephalus through altered neurogenesis in the subventricular zone in mice. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	14
534	H3.3-K27M drives neural stem cell-specific gliomagenesis in a human iPSC-derived model. <i>Cancer Cell</i> , 2021, 39, 407-422.e13.	7.7	56
535	Inhibition of mTOR signaling by genetic removal of p70 S6 kinase 1 increases anxiety-like behavior in mice. <i>Translational Psychiatry</i> , 2021, 11, 165.	2.4	16
536	Cereblon-Based Small-Molecule Compounds to Control Neural Stem Cell Proliferation in Regenerative Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 629326.	1.8	13
537	Cerebral Ischemia-Reperfusion Is Associated With Upregulation of Cofilin-1 in the Motor Cortex. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634347.	1.8	6
538	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.	1.7	90
539	Gut microbiota from mice with cerebral ischemia-reperfusion injury affects the brain in healthy mice. <i>Aging</i> , 2021, 13, 10058-10074.	1.4	12
540	Silk Fibroin: An Ancient Material for Repairing the Injured Nervous System. <i>Pharmaceutics</i> , 2021, 13, 429.	2.0	36
541	Role of Neuroinflammation in the Establishment of the Neurogenic Microenvironment in Brain Diseases. <i>Current Tissue Microenvironment Reports</i> , 2021, 2, 17-28.	1.3	0
542	Targeting Protein Kinase C in Glioblastoma Treatment. <i>Biomedicines</i> , 2021, 9, 381.	1.4	13
543	Molecular mechanisms of altered adult hippocampal neurogenesis in Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , 2021, 195, 111452.	2.2	16
544	How early maternal deprivation changes the brain and behavior?. <i>European Journal of Neuroscience</i> , 2022, 55, 2058-2075.	1.2	13
545	Immunohistochemical evidence for adult human neurogenesis in health and disease. <i>WIREs Mechanisms of Disease</i> , 2021, 13, e1526.	1.5	8
546	Adult Hippocampal Neurogenesis in Aging and Alzheimer's Disease. <i>Stem Cell Reports</i> , 2021, 16, 681-693.	2.3	120
547	Fibroblast Growth Factor Signalling in the Diseased Nervous System. <i>Molecular Neurobiology</i> , 2021, 58, 3884-3902.	1.9	50

#	ARTICLE	IF	CITATIONS
548	Metformin pretreatment rescues olfactory memory associated with subependymal zone neurogenesis in a juvenile model of cranial irradiation. <i>Cell Reports Medicine</i> , 2021, 2, 100231.	3.3	11
549	The Extracellular Matrix Glycoprotein Tenascin C and Adult Neurogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 674199.	1.8	18
550	Restoring miR-132 expression rescues adult hippocampal neurogenesis and memory deficits in Alzheimer's disease. <i>Cell Stem Cell</i> , 2021, 28, 1805-1821.e8.	5.2	76
551	Metformin effects on brain development following cranial irradiation in a mouse model. <i>Neuro-Oncology</i> , 2021, 23, 1523-1536.	0.6	10
552	Adult hippocampal neurogenesis shapes adaptation and improves stress response: a mechanistic and integrative perspective. <i>Molecular Psychiatry</i> , 2022, 27, 403-421.	4.1	35
553	Regulation of tissue regeneration by the circadian clock. <i>European Journal of Neuroscience</i> , 2021, 53, 3576-3597.	1.2	7
554	Reduced adult neurogenesis is associated with increased macrophages in the subependymal zone in schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 6880-6895.	4.1	20
555	Discovery of Novel Tacrine-Pyrimidone Hybrids as Potent Dual AChE/GSK-3 Inhibitors for the Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7483-7506.	2.9	37
556	Methamphetamine Enhances HIV-Induced Aberrant Proliferation of Neural Progenitor Cells via the FOXO3-Mediated Mechanism. <i>Molecular Neurobiology</i> , 2021, 58, 5421-5436.	1.9	6
557	High-intensity Intermittent Training Enhances Spatial Memory and Hippocampal Neurogenesis Associated with BDNF Signaling in Rats. <i>Cerebral Cortex</i> , 2021, 31, 4386-4397.	1.6	22
558	Coordinated changes in cellular behavior ensure the lifelong maintenance of the hippocampal stem cell population. <i>Cell Stem Cell</i> , 2021, 28, 863-876.e6.	5.2	106
559	Adult neurogenic process in the subventricular zone-olfactory bulb system is regulated by Tau protein under prolonged stress. <i>Cell Proliferation</i> , 2021, 54, e13027.	2.4	7
560	Social support and hippocampal volume are negatively associated in adults with previous experience of childhood maltreatment. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E328-E336.	1.4	10
561	Role of adult hippocampal neurogenesis in the antidepressant actions of lactate. <i>Molecular Psychiatry</i> , 2021, 26, 6723-6735.	4.1	27
562	Regulation of Adult Mammalian Neural Stem Cells and Neurogenesis by Cell Extrinsic and Intrinsic Factors. <i>Cells</i> , 2021, 10, 1145.	1.8	37
564	On the novel mechanisms for social memory and the emerging role of neurogenesis. <i>Brain Research Bulletin</i> , 2021, 171, 56-66.	1.4	8
565	The Potential Role of Inflammation in Modulating Endogenous Hippocampal Neurogenesis After Spinal Cord Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 682259.	1.4	18
566	Adult Hippocampal Neurogenesis and Affective Disorders: New Neurons for Psychic Well-Being. <i>Frontiers in Neuroscience</i> , 2021, 15, 594448.	1.4	25

#	ARTICLE	IF	CITATIONS
567	Microglia in Cancer Therapy-Related Cognitive Impairment. Trends in Neurosciences, 2021, 44, 441-451.	4.2	56
568	Therapeutically viable generation of neurons with antisense oligonucleotide suppression of PTB. Nature Neuroscience, 2021, 24, 1089-1099.	7.1	40
569	The Role of Neurod Genes in Brain Development, Function, and Disease. Frontiers in Molecular Neuroscience, 2021, 14, 662774.	1.4	73
570	The Intracerebroventricular Injection of Murine Mesenchymal Stromal Cells Engineered to Secrete Epidermal Growth Factor Does Not Prevent Loss of Neurogenesis in Irradiated Mice. Radiation Research, 2021, 196, 315-322.	0.7	3
571	Histone acetyltransferase EP300 regulates the proliferation and differentiation of neural stem cells during adult neurogenesis and regenerative neurogenesis in the zebrafish optic tectum. Neuroscience Letters, 2021, 756, 135978.	1.0	7
572	The Use of Heptamethine Cyanine Dyes as Drug-Conjugate Systems in the Treatment of Primary and Metastatic Brain Tumors. Frontiers in Oncology, 2021, 11, 654921.	1.3	19
573	Learning to extract robust handcrafted features with a single observation via evolutionary neurogenesis. Applied Soft Computing Journal, 2021, 106, 107424.	4.1	2
574	Direct Neuronal Reprogramming: Bridging the Gap Between Basic Science and Clinical Application. Frontiers in Cell and Developmental Biology, 2021, 9, 681087.	1.8	25
575	A single session of moderate intensity exercise influences memory, endocannabinoids and brain derived neurotrophic factor levels in men. Scientific Reports, 2021, 11, 14371.	1.6	16
576	Non-human Primate Models to Investigate Mechanisms of Infection-Associated Fetal and Pediatric Injury, Teratogenesis and Stillbirth. Frontiers in Genetics, 2021, 12, 680342.	1.1	13
577	Application of single cell genomics to focal epilepsies: A call to action. Brain Pathology, 2021, 31, e12958.	2.1	8
578	The Molecular Basis of Depression: Implications of Sex-Related Differences in Epigenetic Regulation. Frontiers in Molecular Neuroscience, 2021, 14, 708004.	1.4	11
579	Extracellular vesicles regulate gap junction-mediated intercellular communication and HIV-1 infection of human neural progenitor cells. Neurobiology of Disease, 2021, 155, 105388.	2.1	9
580	Stress-Related Dysfunction of Adult Hippocampal Neurogenesis—An Attempt for Understanding Resilience?. International Journal of Molecular Sciences, 2021, 22, 7339.	1.8	23
581	Epigenetic plasticity and redox regulation of neural stem cell state and fate. Free Radical Biology and Medicine, 2021, 170, 116-130.	1.3	12
583	Brain Repair by Cell Replacement via In Situ Neuronal Reprogramming. Annual Review of Genetics, 2021, 55, 45-69.	3.2	8
584	Histological Studies of the Ventricular—Subventricular Zone as Neural Stem Cell and Glioma Stem Cell Niche. Journal of Histochemistry and Cytochemistry, 2021, 69, 819-834.	1.3	9
585	Postnatal Cytoarchitecture and Neurochemical Hippocampal Dysfunction in Down Syndrome. Journal of Clinical Medicine, 2021, 10, 3414.	1.0	4

#	ARTICLE	IF	CITATIONS
586	A neurogenic microenvironment defined by excitatory-inhibitory neuronal circuits in adult dentate gyrus. <i>Cell Reports</i> , 2021, 36, 109324.	2.9	6
587	Adult Neurogenesis and Antidepressant Treatment: The Surprise Finding by Ron Duman and the Field 20 Years Later. <i>Biological Psychiatry</i> , 2021, 90, 96-101.	0.7	24
588	Adult stem cell niches for tissue homeostasis. <i>Journal of Cellular Physiology</i> , 2022, 237, 239-257.	2.0	51
590	Transcriptome Analysis in a Mouse Model of Premature Aging of Dentate Gyrus: Rescue of Alpha-Synuclein Deficit by Virus-Driven Expression or by Running Restores the Defective Neurogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696684.	1.8	8
591	In vivo Direct Conversion of Astrocytes to Neurons Maybe a Potential Alternative Strategy for Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 689276.	1.7	12
593	The Importance of Studying Human Brain. <i>Serbian Journal of Experimental and Clinical Research</i> , 2021, .	0.2	0
594	Cerebral Cortex, Including Germinal Matrix. , 2021, , 88-100.		0
595	Hippocampus-Avoidance Whole-Brain Radiation Therapy Is Efficient in the Long-Term Preservation of Hippocampal Volume. <i>Frontiers in Oncology</i> , 2021, 11, 714709.	1.3	11
596	Ethanol and Other Agents. , 2021, , 403-410.		0
597	Astrocyte-neuron metabolic cooperation shapes brain activity. <i>Cell Metabolism</i> , 2021, 33, 1546-1564.	7.2	143
598	Developmental Origins of Human Cortical Oligodendrocytes and Astrocytes. <i>Neuroscience Bulletin</i> , 2022, 38, 47-68.	1.5	29
599	Brain Plasticity in Humans and Model Systems: Advances, Challenges, and Future Directions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9358.	1.8	23
600	Adult Neurogenesis and Stroke: A Tale of Two Neurogenic Niches. <i>Frontiers in Neuroscience</i> , 2021, 15, 700297.	1.4	30
601	The role of adult hippocampal neurogenesis in epilepsy and comorbidities. <i>Scientia Sinica Vitae</i> , 2021, , .	0.1	0
602	Isolation and Culture of Neural Stem/Progenitor Cells from the Postnatal Periventricular Region. <i>Methods in Molecular Biology</i> , 2022, 2389, 11-31.	0.4	2
603	Ultrasonic-driven electrical signal-iron ion synergistic stimulation based on piezotronics induced neural differentiation of mesenchymal stem cells on FeOOH/PVDF nanofibrous hybrid membrane. <i>Nano Energy</i> , 2021, 87, 106192.	8.2	29
604	Doublecortin-Expressing Neurons in Chinese Tree Shrew Forebrain Exhibit Mixed Rodent and Primate-Like Topographic Characteristics. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 727883.	0.9	10
605	Synaptic tau: A pathological or physiological phenomenon?. <i>Acta Neuropathologica Communications</i> , 2021, 9, 149.	2.4	30

#	ARTICLE	IF	CITATIONS
606	Activation of Autophagy Ameliorates Age-Related Neurogenesis Decline and Neurodysfunction in Adult Mice. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 626-641.	1.7	8
607	What Can We Tell About the Effect of Electroconvulsive Therapy on the Human Hippocampus?. <i>Clinical EEG and Neuroscience</i> , 2021, , 155005942110440.	0.9	1
608	Reactive, Adult Neurogenesis From Increased Neural Progenitor Cell Proliferation Following Alcohol Dependence in Female Rats. <i>Frontiers in Neuroscience</i> , 2021, 15, 689601.	1.4	7
609	The PSA-NCAM-Positive "Immature" Neurons: An Old Discovery Providing New Vistas on Brain Structural Plasticity. <i>Cells</i> , 2021, 10, 2542.	1.8	22
610	Hippocampal cytogenesis abrogation impairs inter-regional communication between the hippocampus and prefrontal cortex and promotes the time-dependent manifestation of emotional and cognitive deficits. <i>Molecular Psychiatry</i> , 2021, 26, 7154-7166.	4.1	12
611	Choroid plexus APP regulates adult brain proliferation and animal behavior. <i>Life Science Alliance</i> , 2021, 4, e202000703.	1.3	7
612	Neural stem cells derived from primitive mesenchymal stem cells reversed disease symptoms and promoted neurogenesis in an experimental autoimmune encephalomyelitis mouse model of multiple sclerosis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 499.	2.4	21
613	Orally administered branaplam does not impact neurogenesis in juvenile mice, rats, and dogs. <i>Biology Open</i> , 2021, 10, .	0.6	5
614	Understanding neural stem cell regulation <i>in vivo</i> and applying the insights to cell therapy for strokes. <i>Regenerative Medicine</i> , 2021, 16, 861-870.	0.8	7
615	Isolating and Culturing of Precursor Cells from the Adult Human Brain. <i>Methods in Molecular Biology</i> , 2022, 2389, 95-102.	0.4	0
616	Early-life midazolam exposure persistently changes chromatin accessibility to impair adult hippocampal neurogenesis and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
617	Maternal immune activation primes deficiencies in adult hippocampal neurogenesis. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 410-422.	2.0	20
618	Adult hippocampal neurogenesis in the context of lipopolysaccharide-induced neuroinflammation: A molecular, cellular and behavioral review. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 286-302.	2.0	23
619	Targeting impaired adult hippocampal neurogenesis in ageing by leveraging intrinsic mechanisms regulating Neural Stem Cell activity. <i>Ageing Research Reviews</i> , 2021, 71, 101447.	5.0	14
620	Adult brain cytogenesis in the context of mood disorders: From neurogenesis to the emergent role of gliogenesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 411-428.	2.9	4
621	The emerging tale of microglia in psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1-29.	2.9	53
622	Regulation of neurogenesis and cerebral angiogenesis by cell protein proteolysis products. <i>RUDN Journal of Medicine</i> , 2021, 25, 114-126.	0.1	1
623	Klotho ameliorated cognitive deficits in a temporal lobe epilepsy rat model by inhibiting ferroptosis. <i>Brain Research</i> , 2021, 1772, 147668.	1.1	14

#	ARTICLE	IF	CITATIONS
624	Bumetanide and use in depressive states. , 2021, , 309-323.		0
625	Novel pharmacotherapy: NNI-362, an allosteric p70S6 kinase stimulator, reverses cognitive and neural regenerative deficits in models of aging and disease. <i>Stem Cell Research and Therapy</i> , 2021, 12, 59.	2.4	9
628	Familial Alzheimer's Disease Mutations in PSEN1 Lead to Premature Human Stem Cell Neurogenesis. <i>Cell Reports</i> , 2021, 34, 108615.	2.9	53
629	An Overview of Adult Neurogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1331, 77-94.	0.8	27
630	Neurogenesis in the adult hypothalamus: A distinct form of structural plasticity involved in metabolic and circadian regulation, with potential relevance for human pathophysiology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 179, 125-140.	1.0	17
631	Impact of pediatric traumatic brain injury on hippocampal neurogenesis. <i>Neural Regeneration Research</i> , 2021, 16, 926.	1.6	12
632	Saikosaponin B impedes hippocampal neurogenesis and causes cognitive deficits by inhibiting the survival of neural stem/progenitor cells via neurotrophin receptor signaling in mice. <i>Clinical and Translational Medicine</i> , 2020, 10, e243.	1.7	13
633	Vascularization of Human Brain Organoids. <i>Stem Cells</i> , 2021, 39, 1017-1024.	1.4	63
634	Heterogeneity of Stem Cells in the Hippocampus. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1169, 31-53.	0.8	6
635	Adult hippocampal neurogenesis and antidepressants effects. <i>Current Opinion in Pharmacology</i> , 2020, 50, 88-95.	1.7	43
636	Adult Hippocampal Neurogenesis in Major Depressive Disorder and Alzheimer's Disease. <i>Trends in Molecular Medicine</i> , 2020, 26, 803-818.	3.5	98
653	Adult neurogenesis in humans: Dogma overturned, again and again?. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	16
654	Precocious neuronal differentiation and disrupted oxygen responses in Kabuki syndrome. <i>JCI Insight</i> , 2019, 4, .	2.3	41
655	Age-Related Changes in Synaptic Plasticity Associated with Mossy Fiber Terminal Integration during Adult Neurogenesis. <i>ENeuro</i> , 2020, 7, ENEURO.0030-20.2020.	0.9	9
656	Sex Differences in Maturation and Attrition of Adult Neurogenesis in the Hippocampus. <i>ENeuro</i> , 2020, 7, ENEURO.0468-19.2020.	0.9	44
658	Vitamin D deficiency as a potential risk factor for accelerated aging, impaired hippocampal neurogenesis and cognitive decline: a role for Wnt/ β -catenin signaling. <i>Aging</i> , 2020, 12, 13824-13844.	1.4	19
659	Neuroregeneration in Parkinson's Disease: From Proteins to Small Molecules. <i>Current Neuropharmacology</i> , 2019, 17, 268-287.	1.4	24
660	Is Adult Hippocampal Neurogenesis Really Relevant for the Treatment of Psychiatric Disorders?. <i>Current Neuropharmacology</i> , 2021, 19, 1640-1660.	1.4	10

#	ARTICLE	IF	CITATIONS
661	2018 Yearbook of Neurorestoratology. Journal of Neurorestoratology, 2019, 7, 8-17.	1.1	17
662	Development of Neuroregenerative Gene Therapy to Reverse Glial Scar Tissue Back to Neuron-Enriched Tissue. Frontiers in Cellular Neuroscience, 2020, 14, 594170.	1.8	40
663	Neuroplasticity, limbic neuroblastosis and neuro-regenerative disorders. Neural Regeneration Research, 2018, 13, 1322.	1.6	16
664	Exercise and hippocampal neurogenesis: a dogma re-examined and lessons learned. Neural Regeneration Research, 2018, 13, 1354.	1.6	5
665	Neural plasticity and adult neurogenesis: the deep biology perspective. Neural Regeneration Research, 2019, 14, 201.	1.6	26
666	Mapping theme trends and knowledge structures for human neural stem cells: a quantitative and co-word biclustering analysis for the 2013â€“2018 period. Neural Regeneration Research, 2019, 14, 1823.	1.6	18
667	Neurogenesis in the hippocampus of adult humans: controversy â€œfixedâ€ at last. Neural Regeneration Research, 2019, 14, 1917.	1.6	22
668	N-methyl-D-aspartate receptor subunit 1 regulates neurogenesis in the hippocampal dentate gyrus of schizophrenia-like mice. Neural Regeneration Research, 2019, 14, 2112.	1.6	3
669	Hydrogels for neuroprotection and functional rewiring: a new era for brain engineering. Neural Regeneration Research, 2020, 15, 783.	1.6	25
670	Alzheimerâ€™s disease, neural stem cells and neurogenesis: cellular phase at single-cell level. Neural Regeneration Research, 2020, 15, 824.	1.6	29
671	Adult neurogenesis from reprogrammed astrocytes. Neural Regeneration Research, 2020, 15, 973.	1.6	19
672	Shifting equilibriums in Alzheimerâ€™s disease: the complex roles of microglia in neuroinflammation, neuronal survival and neurogenesis. Neural Regeneration Research, 2020, 15, 1208.	1.6	49
673	The role of cofilin in age-related neuroinflammation. Neural Regeneration Research, 2020, 15, 1451.	1.6	17
674	Multimodal treatment for spinal cord injury: a sword of neuroregeneration upon neuromodulation. Neural Regeneration Research, 2020, 15, 1437.	1.6	79
675	Transcriptional regulation of adult neural stem/progenitor cells: tales from the subventricular zone. Neural Regeneration Research, 2020, 15, 1773.	1.6	8
676	Aberrant Brain Neuroplasticity and Function in Drug Addiction: A Focus on Learning-Related Brain Regions. , 0, , .		5
677	Nostril-specific and structure-based olfactory learning of chiral discrimination in human adults. ELife, 2019, 8, .	2.8	5
678	Agriin-Lrp4-Ror2 signaling regulates adult hippocampal neurogenesis in mice. ELife, 2019, 8, .	2.8	37

#	ARTICLE	IF	CITATIONS
679	Electric field causes volumetric changes in the human brain. <i>ELife</i> , 2019, 8, .	2.8	57
680	Intermediate progenitors support migration of neural stem cells into dentate gyrus outer neurogenic niches. <i>ELife</i> , 2020, 9, .	2.8	37
681	An exercise "sweet spot" reverses cognitive deficits of aging by growth-hormone-induced neurogenesis. <i>IScience</i> , 2021, 24, 103275.	1.9	12
683	Active constituent of <i>Polygala tenuifolia</i> attenuates cognitive deficits by rescuing hippocampal neurogenesis in APP/PS1 transgenic mice. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 267.	1.2	9
684	Reviving through human hippocampal newborn neurons. <i>L'Encephale</i> , 2022, 48, 179-187.	0.3	1
685	Anti-PrP monoclonal antibody as a novel treatment for neurogenesis in mouse model of Alzheimer's disease. <i>Brain and Behavior</i> , 2021, 11, e2365.	1.0	2
686	Adult Neurogenesis: A Story Ranging from Controversial New Neurogenic Areas and Human Adult Neurogenesis to Molecular Regulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11489.	1.8	27
687	Biomaterial Strategies for Restorative Therapies in Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4224-4235.	1.7	7
688	Changing and stable chromatin accessibility supports transcriptional overhaul during neural stem cell activation and is altered with age. <i>Aging Cell</i> , 2021, 20, e13499.	3.0	13
689	An assessment of the existence of adult neurogenesis in humans and value of its rodent models for neuropsychiatric diseases. <i>Molecular Psychiatry</i> , 2022, 27, 377-382.	4.1	34
690	Regulation of mRNA translation in stem cells; links to brain disorders. <i>Cellular Signalling</i> , 2021, 88, 110166.	1.7	4
691	Notch2 Signaling Regulates Id4 and Cell Cycle Genes to Maintain Neural Stem Cell Quiescence in the Adult Hippocampus. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
692	Neuron creation in brain's memory centre stops after childhood. <i>Nature</i> , 0, , .	13.7	0
694	Neurotransmitters Play as a Key Role in Adult Neurogenesis. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2018, 6, 61-74.	0.4	2
695	Brain Development. , 2019, , 1-11.		0
697	Ä„lter werden. , 2019, , 47-61.		0
701	Glial Cell Markers. <i>Materials and Methods</i> , 0, 9, .	0.0	0
702	Sobre la controversia en la neurogenesis. <i>Ciencia Medica</i> , 2019, 22, 62-63.	0.0	0

#	ARTICLE	IF	CITATIONS
703	Precision Oncology vs Phenotypic Approaches in the Management of Cancer: A Case for the Postmitotic State. <i>Human Perspectives in Health Sciences and Technology</i> , 2020, , 169-201.	0.2	0
704	EndoN treatment allows neuroblasts to leave the rostral migratory stream and migrate towards a lesion within the prefrontal cortex of rats. <i>Neural Regeneration Research</i> , 2020, 15, 1740.	1.6	0
707	Functional and Structural Correlates of Impaired Enrichment-Mediated Adult Hippocampal Neurogenesis in a Mouse Model of Prenatal Alcohol Exposure. <i>Brain Plasticity</i> , 2020, 6, 67-82.	1.9	2
708	Assessment of Adult Hippocampal Neurogenesis: Implication for Neurodegenerative Diseases and Neurological Disorders. <i>Neuromethods</i> , 2021, , 77-92.	0.2	0
709	Advances and challenges toward neural regenerative medicine. , 2020, , 1-23.		1
710	Change of Hypothalamic Adult Neurogenesis in Mice by Chronic Treatment of Antidepressant. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
711	Expression of genes involved in neurogenesis, and neuronal precursor cell proliferation and development: Novel pathways of human ovarian granulosa cell differentiation and transdifferentiation capability in <i>in vitro</i> . <i>Molecular Medicine Reports</i> , 2020, 21, 1749-1760.	1.1	7
712	Wichtige physiologische und anatomische Grundlagen. , 2020, , 49-91.		0
713	Neuronale Korrelate der Emotionsregulation. , 2020, , 65-94.		0
714	Novel Galectin-3 Roles in Neurogenesis, Inflammation and Neurological Diseases. <i>Cells</i> , 2021, 10, 3047.	1.8	24
715	Adult human neurogenesis: early studies clarify recent controversies and go further. <i>Metabolic Brain Disease</i> , 2022, 37, 153-172.	1.4	11
717	ADULT NEUROGENESIS IN HUMANS: A Review of Basic Concepts, History, Current Research, and Clinical Implications. <i>Innovations in Clinical Neuroscience</i> , 2019, 16, 30-37.	0.1	20
718	Estimation of the density of neural, glial, and endothelial lineage cells in the adult mouse dentate gyrus. <i>Neural Regeneration Research</i> , 2022, 17, 1286.	1.6	5
719	Adult Mammalian Neurogenesis: Hopes and Challenges in the Repair of Spinal Cord Injury. <i>Engineering</i> , 2021, 7, 1713-1713.	3.2	0
720	Transcriptomic taxonomy and neurogenic trajectories of adult human, macaque, and pig hippocampal and entorhinal cells. <i>Neuron</i> , 2022, 110, 452-469.e14.	3.8	142
721	Hippocampal cAMP regulates HCN channel function on two time scales with differential effects on animal behavior. <i>Science Translational Medicine</i> , 2021, 13, eabl4580.	5.8	8
723	Neurogenic-dependent changes in hippocampal circuitry underlie the procognitive effect of exercise in aging mice. <i>iScience</i> , 2021, 24, 103450.	1.9	9
724	Neurogenesis in neurodegenerative diseases in the adult human brain. <i>Postepy Psychiatrii I Neurologii</i> , 2021, 30, 287-292.	0.2	0

#	ARTICLE	IF	CITATIONS
725	Modestly increasing systemic interleukin-6 perinatally disturbs secondary germinal zone neurogenesis and gliogenesis and produces sociability deficits. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 23-36.	2.0	6
726	Constitutive Neurogenesis in the Brain of Different Vertebrate Groups. <i>Neurophysiology</i> , 2020, 52, 456-470.	0.2	0
727	Serum from Older Adults Increases Apoptosis and Molecular Aging Markers in Human Hippocampal Progenitor Cells. , 2021, 12, 2151.		10
728	Mitochondria in Neurogenesis: Implications for Mitochondrial Diseases. <i>Stem Cells</i> , 2021, 39, 1289-1297.	1.4	27
729	Identifying gene expression profiles associated with neurogenesis and inflammation in the human subependymal zone from development through aging. <i>Scientific Reports</i> , 2022, 12, 40.	1.6	8
730	Expression of Doublecortin, Glial Fibrillar Acidic Protein, and Vimentin in the Intact Subpallium and after Traumatic Injury to the Pallium in Juvenile Salmon, <i>Oncorhynchus masou</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 1334.	1.8	0
731	Endoplasmic reticulum stress contributes to the decline in doublecortin expression in the immature neurons of mice with long-term obesity. <i>Scientific Reports</i> , 2022, 12, 1022.	1.6	4
732	Adult Hippocampal Neurogenesis in Alzheimer's Disease: An Overview of Human and Animal Studies with Implications for Therapeutic Perspectives Aimed at Memory Recovery. <i>Neural Plasticity</i> , 2022, 2022, 1-18.	1.0	11
733	Transcriptional regulation of neural stem cell expansion in the adult hippocampus. <i>ELife</i> , 2022, 11, .	2.8	16
734	Forgetting as a form of adaptive engram cell plasticity. <i>Nature Reviews Neuroscience</i> , 2022, 23, 173-186.	4.9	70
735	Retinal Plasticity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1138.	1.8	6
736	Mounting evidence suggests human adult neurogenesis is unlikely. <i>Neuron</i> , 2022, 110, 353-355.	3.8	8
737	Minding my brain: Fourteen neuroscience-based principles to enhance psychotherapy responsiveness. <i>Clinical Psychology and Psychotherapy</i> , 2022, 29, 1254-1275.	1.4	7
738	Hippocampal neurogenesis and pro-neurogenic therapies for Alzheimer's disease. <i>Animal Models and Experimental Medicine</i> , 2022, 5, 3-14.	1.3	11
739	Regulation of Neural Differentiation of ADMSCs using Graphene-Mediated Wireless-Localized Electrical Signals Driven by Electromagnetic Induction. <i>Advanced Science</i> , 2022, 9, e2104424.	5.6	19
741	Exercise to spot the differences: a framework for the effect of exercise on hippocampal pattern separation in humans. <i>Reviews in the Neurosciences</i> , 2022, 33, 555-582.	1.4	4
742	Neurogenesis and Viral Infection. <i>Frontiers in Immunology</i> , 2022, 13, 826091.	2.2	8
743	Adult Neurogenesis under Control of the Circadian System. <i>Cells</i> , 2022, 11, 764.	1.8	21

#	ARTICLE	IF	CITATIONS
745	mdka Expression Is Associated with Quiescent Neural Stem Cells during Constitutive and Reactive Neurogenesis in the Adult Zebrafish Telencephalon. <i>Brain Sciences</i> , 2022, 12, 284.	1.1	2
746	BDNF and Senile Cognitive Decline. <i>Neuroscience and Behavioral Physiology</i> , 2022, 52, 287-296.	0.2	1
747	Change of hypothalamic adult neurogenesis in mice by chronic treatment of fluoxetine. <i>BMC Research Notes</i> , 2022, 15, 60.	0.6	6
748	Experimental Arthritis Inhibits Adult Hippocampal Neurogenesis in Mice. <i>Cells</i> , 2022, 11, 791.	1.8	5
749	Intranasal Delivery of Galanin 2 and Neuropeptide Y1 Agonists Enhanced Spatial Memory Performance and Neuronal Precursor Cells Proliferation in the Dorsal Hippocampus in Rats. <i>Frontiers in Pharmacology</i> , 2022, 13, 820210.	1.6	7
751	Oleic acid regulates hippocampal neurogenesis as a TLX ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2203038119.	3.3	2
752	The Multifaceted Neurotoxicity of Astrocytes in Ageing and Age-Related Neurodegenerative Diseases: A Translational Perspective. <i>Frontiers in Physiology</i> , 2022, 13, 814889.	1.3	8
753	Synaptic pruning of murine adult-born neurons by microglia depends on phosphatidylserine. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	25
754	Areas of Convergence and Divergence in Adolescent Social Isolation and Binge Drinking: A Review. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 859239.	1.0	5
755	Effects of exosomes on adult hippocampal neurogenesis and neuropsychiatric disorders. <i>Molecular Biology Reports</i> , 2022, 49, 6763-6777.	1.0	6
756	Dysregulation of adult hippocampal neuroplasticity in major depression: pathogenesis and therapeutic implications. <i>Molecular Psychiatry</i> , 2022, 27, 2689-2699.	4.1	90
757	Altered adult neurogenesis and gliogenesis in patients with mesial temporal lobe epilepsy. <i>Nature Neuroscience</i> , 2022, 25, 493-503.	7.1	30
758	Longitudinal developmental trajectories do not follow cross-sectional age associations in hippocampal subfield and memory development. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101085.	1.9	8
759	Suicide: Allostatic regulation and resilience. <i>Psychoneuroendocrinology</i> , 2022, 139, 105691.	1.3	5
760	Effects of involuntary treadmill running in combination with swimming on adult neurogenesis in an Alzheimer's mouse model. <i>Neurochemistry International</i> , 2022, 155, 105309.	1.9	4
761	Deficiency of mesencephalic astrocyte-derived neurotrophic factor affects neurogenesis in mouse brain. <i>Brain Research Bulletin</i> , 2022, 183, 49-56.	1.4	3
763	Astrocyte control of the entorhinal cortexâ€œdentate gyrus circuit: Relevance to cognitive processing and impairment in pathology. <i>Glia</i> , 2022, 70, 1536-1553.	2.5	16
764	Androgens and Adult Neurogenesis in the Hippocampus. <i>Androgens: Clinical Research and Therapeutics</i> , 2021, 2, 203-215.	0.2	4

#	ARTICLE	IF	CITATIONS
765	Cell-derived extracellular matrix enhanced by collagen-binding domain-decorated exosomes to promote neural stem cells neurogenesis. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 014104.	1.7	4
766	Relevance of a Novel Circuit-Level Model of Episodic Memories to Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 462.	1.8	0
767	A schizophrenia subgroup with elevated inflammation displays reduced microglia, increased peripheral immune cell and altered neurogenesis marker gene expression in the subependymal zone. <i>Translational Psychiatry</i> , 2021, 11, 635.	2.4	33
768	Adult Neural Stem Cell Migration Is Impaired in a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2022, 59, 1168-1182.	1.9	9
769	Comment on "Impact of neurodegenerative diseases on human adult hippocampal neurogenesis". <i>Science</i> , 2022, 376, eabn7083.	6.0	8
770	Evidence for postnatal neurogenesis in the human amygdala. <i>Communications Biology</i> , 2022, 5, 366.	2.0	18
771	Aging and "rejuvenation" of resident stem cells "a new way to active longevity?". <i>Journal of Clinical Practice</i> , 2022, 13, 79-91.	0.2	0
772	Wnt Signaling in the Adult Hippocampal Neurogenic Niche. <i>Stem Cells</i> , 2022, 40, 630-640.	1.4	10
773	Response to Comment on "Impact of neurodegenerative diseases on human adult hippocampal neurogenesis". <i>Science</i> , 2022, 376, eabo0920.	6.0	5
774	Comment on "Impact of neurodegenerative diseases on human adult hippocampal neurogenesis". <i>Science</i> , 2022, 376, eabn8861.	6.0	13
775	BKM120 alters the migration of doublecortin-positive cells in the dentate gyrus of mice. <i>Pharmacological Research</i> , 2022, 179, 106226.	3.1	1
820	Steroid hormones and hippocampal neurogenesis in the adult mammalian brain. <i>Vitamins and Hormones</i> , 2022, 118, 129-170.	0.7	4
821	Changes in gut viral and bacterial species correlate with altered 1,2-diacylglyceride levels and structure in the prefrontal cortex in a depression-like non-human primate model. <i>Translational Psychiatry</i> , 2022, 12, 74.	2.4	14
822	Astrogenesis in the murine dentate gyrus is a life-long and dynamic process. <i>EMBO Journal</i> , 2022, 41, e110409.	3.5	10
823	Adult hippocampal neurogenesis and its impairment in Alzheimer's disease. <i>Zoological Research</i> , 2022, 43, 481-496.	0.9	16
824	Microglia-Mediated Inflammation and Neural Stem Cell Differentiation in Alzheimer's Disease: Possible Therapeutic Role of KV1.3 Channel Blockade. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 868842.	1.8	10
825	Neurogenesis mediated plasticity is associated with reduced neuronal activity in CA1 during context fear memory retrieval. <i>Scientific Reports</i> , 2022, 12, 7016.	1.6	13
826	Cross-translational models of late-onset cognitive sequelae and their treatment in pediatric brain tumor survivors. <i>Neuron</i> , 2022, 110, 2215-2241.	3.8	8

#	ARTICLE	IF	CITATIONS
827	New neurons in old brains: implications of age in the analysis of neurogenesis in post-mortem tissue. <i>Molecular Brain</i> , 2022, 15, 38.	1.3	9
828	A Potential Strategy for Treatment of Neurodegenerative Disorders by Regulation of Adult Hippocampal Neurogenesis in Human Brain. <i>Current Medicinal Chemistry</i> , 2022, 29, .	1.2	1
829	Unexpected Consequences of Noise-Induced Hearing Loss: Impaired Hippocampal Neurogenesis, Memory, and Stress. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, .	1.0	9
830	Neurogenesis in aging and age-related neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 78, 101636.	5.0	41
831	Examining the effect of chronic intranasal oxytocin administration on the neuroanatomy and behavior of three autism-related mouse models. <i>NeuroImage</i> , 2022, 257, 119243.	2.1	4
832	What Is the Relationship Between Hippocampal Neurogenesis Across Different Stages of the Lifespan?. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	13
833	From cradle to grave: neurogenesis, neuroregeneration and neurodegeneration in Alzheimer's and Parkinson's diseases. <i>Neural Regeneration Research</i> , 2022, 17, 2606.	1.6	17
834	A new age in understanding adult hippocampal neurogenesis in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2022, 17, 2615.	1.6	2
835	Single-cell transcriptomics of adult macaque hippocampus reveals neural precursor cell populations. <i>Nature Neuroscience</i> , 2022, 25, 805-817.	7.1	47
836	Single Cell/Nucleus Transcriptomics Comparison in Zebrafish and Humans Reveals Common and Distinct Molecular Responses to Alzheimer's Disease. <i>Cells</i> , 2022, 11, 1807.	1.8	19
837	How Widespread Are the "Young" Neurons of the Mammalian Brain?. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	7
838	Microrchidia CW-Type Zinc Finger 2, a Chromatin Modifier in a Spectrum of Peripheral Neuropathies. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	4
840	Self-assembling Molecular Medicine for the Subacute Phase of Ischemic Stroke. <i>Neurochemical Research</i> , 2022, 47, 2488-2498.	1.6	5
841	Resident Neural Stem Cell Niches and Regeneration: The Splendors and Miseries of Adult Neurogenesis. <i>Russian Journal of Developmental Biology</i> , 2022, 53, 159-179.	0.1	0
842	100 plus years of stem cell research"20 years of ISSCR. <i>Stem Cell Reports</i> , 2022, 17, 1248-1267.	2.3	1
843	Neuropharmacology of Organoselenium Compounds in Mental Disorders and Degenerative Diseases. <i>Current Medicinal Chemistry</i> , 2023, 30, 2357-2395.	1.2	12
844	Transcriptome dynamics of hippocampal neurogenesis in macaques across the lifespan and aged humans. <i>Cell Research</i> , 2022, 32, 729-743.	5.7	48
845	The effects of perceived stress and anhedonic depression on mnemonic similarity task performance. <i>Neurobiology of Learning and Memory</i> , 2022, 193, 107648.	1.0	1

#	ARTICLE	IF	CITATIONS
846	The neural stem cell secretome across neurodevelopment. <i>Experimental Neurology</i> , 2022, 355, 114142.	2.0	10
847	Mitochondrial function and dynamics in neural stem cells and neurogenesis: Implications for neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 80, 101667.	5.0	16
848	Highly specific differentiation of MSCs into neurons directed by local electrical stimuli triggered wirelessly by electromagnetic induction nanogenerator. <i>Nano Energy</i> , 2022, 100, 107483.	8.2	13
851	Dissecting the role of adult hippocampal neurogenesis towards resilience versus susceptibility to stress-related mood disorders. <i>Npj Science of Learning</i> , 2022, 7, .	1.5	6
852	Molecular landscapes of human hippocampal immature neurons across lifespan. <i>Nature</i> , 2022, 607, 527-533.	13.7	116
853	Breaking Mental Barriers Promotes Recovery After Spinal Cord Injury. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	1
854	Immature excitatory neurons in the amygdala come of age during puberty. <i>Developmental Cognitive Neuroscience</i> , 2022, 56, 101133.	1.9	8
855	Ageing and rejuvenation of tissue stem cells and their niches. <i>Nature Reviews Molecular Cell Biology</i> , 2023, 24, 45-62.	16.1	96
856	A Star is Born: Newborn Astroglia in Epilepsy. <i>Epilepsy Currents</i> , 0, , 153575972211137.	0.4	0
857	Targeting hippocampal neurogenesis to protect astronauts' cognition and mood from decline due to space radiation effects. <i>Life Sciences in Space Research</i> , 2022, 35, 170-179.	1.2	6
859	Postnatal neurogenesis in the human brain. <i>Morfologiia (Saint Petersburg, Russia)</i> , 2022, 159, 37-46.	0.0	0
860	Fun Arabic Teaching With Media Song For Early Child Education School. , 2022, 1, 140-156.		1
861	Hippocampal circuit dysfunction in psychosis. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	8
862	Early life adversity shapes neural circuit function during sensitive postnatal developmental periods. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	34
863	Imaging and spectroscopic methods to investigate adult neurogenesis in vivo: New models and new avenues. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
864	Scent of stem cells: How can neurogenesis make us smell better?. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
865	Spatiotemporal dynamics of the cellular components involved in glial scar formation following spinal cord injury. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113500.	2.5	10
866	Role of the histone methyltransferases Ezh2 and Suv4-20h1/Suv4-20h2 in neurogenesis. <i>Neural Regeneration Research</i> , 2023, 18, 469.	1.6	3

#	ARTICLE	IF	CITATIONS
867	Direct Potential Modulation of Neurogenic Differentiation Markers by Granulocyte-Colony Stimulating Factor (G-CSF) in the Rodent Brain. <i>Pharmaceutics</i> , 2022, 14, 1858.	2.0	0
868	The Impairment of Blood-Brain Barrier in Alzheimer's Disease: Challenges and Opportunities with Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10136.	1.8	6
869	Does covid-19 impair endogenous neurogenesis?. <i>Journal of Clinical Neuroscience</i> , 2022, 105, 79-85.	0.8	4
870	Rabies Virus Tracing of Monosynaptic Inputs to Adult-Born Granule Cells. <i>NeuroMethods</i> , 2022, , 37-54.	0.2	1
871	Intensity-Dependent Gamma Electrical Stimulation Regulates Microglial Activation, Reduces Beta-Amyloid Load, and Facilitates Memory in a Mouse Model of Alzheimer's Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
872	A neuro-inspired computational model of life-long learning and catastrophic interference, mimicking hippocampus novelty-based dopamine modulation and lateral inhibitory plasticity. <i>Frontiers in Computational Neuroscience</i> , 0, 16, .	1.2	0
873	Telomeres and Telomerase in the Control of Stem Cells. <i>Biomedicines</i> , 2022, 10, 2335.	1.4	10
875	Neural plasticity and depression treatment. <i>IBRO Neuroscience Reports</i> , 2023, 14, 160-184.	0.7	4
876	Roles of Siglecs in neurodegenerative diseases. <i>Molecular Aspects of Medicine</i> , 2023, 90, 101141.	2.7	7
877	Current Understanding of the Neural Stem Cell Niches. <i>Cells</i> , 2022, 11, 3002.	1.8	16
878	Hippocampal transplants of fetal GABAergic progenitors regulate adult neurogenesis in mice with temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2022, 174, 105879.	2.1	10
879	Postnatal and Adult Neurogenesis in Mammals, Including Marsupials. <i>Cells</i> , 2022, 11, 2735.	1.8	12
880	Microbiota-Gut-Brain Axis Regulation of Adult Hippocampal Neurogenesis. <i>Brain Plasticity</i> , 2022, 8, 97-119.	1.9	21
881	WNT signaling at the intersection between neurogenesis and brain tumorigenesis. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	9
885	Boosting Neurogenesis in the Adult Hippocampus Using Antidepressants and Mesenchymal Stem Cells. <i>Cells</i> , 2022, 11, 3234.	1.8	5
886	Methods to study adult hippocampal neurogenesis in humans and across the phylogeny. <i>Hippocampus</i> , 2023, 33, 271-306.	0.9	13
887	Pathological Nuclear Hallmarks in Dentate Granule Cells of Alzheimer's Patients: A Biphasic Regulation of Neurogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12873.	1.8	5
889	Cell population dynamics in the course of adult hippocampal neurogenesis: Remaining unknowns. <i>Hippocampus</i> , 2023, 33, 402-411.	0.9	6

#	ARTICLE	IF	CITATIONS
890	NRF2: An emerging role in neural stem cell regulation and neurogenesis. <i>Free Radical Biology and Medicine</i> , 2022, 193, 437-446.	1.3	4
891	On the Beneficial Effects of Reinjections for Continual Learning. <i>SN Computer Science</i> , 2023, 4, .	2.3	0
892	Targeting epigenetics as a promising therapeutic strategy for treatment of neurodegenerative diseases. <i>Biochemical Pharmacology</i> , 2022, 206, 115295.	2.0	9
893	Cellular regeneration treatments for traumatic brain injury. <i>Medicine in Novel Technology and Devices</i> , 2022, 16, 100182.	0.9	2
894	The Autophagy Lysosomal Pathway: Friend or Foe in Adult Neural Stem Cells?. <i>Pancreatic Islet Biology</i> , 2023, , 193-217.	0.1	0
895	The Dialogue Between Neuroinflammation and Adult Neurogenesis: Mechanisms Involved and Alterations in Neurological Diseases. <i>Molecular Neurobiology</i> , 2023, 60, 923-959.	1.9	36
896	A transient magnetic resonance spectroscopy peri-ischemic peak: a possible radiological biomarker of post-stroke neurogenesis. <i>Neurological Sciences</i> , 0, , .	0.9	1
897	Neural Stem Cells in the Treatment of Alzheimer's Disease: Current Status, Challenges, and Future Prospects. <i>Journal of Alzheimer's Disease</i> , 2023, 94, S173-S186.	1.2	2
898	Sphingosine-1-phosphate receptor modulation improves neurogenesis and functional recovery after stroke. <i>FASEB Journal</i> , 2022, 36, .	0.2	2
899	Extracellular vesicle-loaded hydrogels for tissue repair and regeneration. <i>Materials Today Bio</i> , 2023, 18, 100522.	2.6	62
900	Promoting Endogenous Neurogenesis as a Treatment for Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2023, 60, 1353-1368.	1.9	1
901	Hippocampal microRNA-26a-3p deficit contributes to neuroinflammation and behavioral disorders via p38 MAPK signaling pathway in rats. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	6
902	NSC Physiological Features in Spinal Muscular Atrophy: SMN Deficiency Effects on Neurogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15209.	1.8	2
904	What has single-cell transcriptomics taught us about long non-coding RNAs in the ventricular-subventricular zone?. <i>Stem Cell Reports</i> , 2022, , .	2.3	1
905	Dorsal Dentate Gyrus, a Key Regulator for Mood and Psychiatric Disorders. <i>Biological Psychiatry</i> , 2023, 93, 1071-1080.	0.7	6
906	The impact of amino acid metabolism on adult neurogenesis. <i>Biochemical Society Transactions</i> , 2023, 51, 233-244.	1.6	4
907	GALR2 and Y1R agonists intranasal infusion enhanced adult ventral hippocampal neurogenesis and antidepressant-like effects involving BDNF actions. <i>Journal of Cellular Physiology</i> , 2023, 238, 459-474.	2.0	4
908	Blood-to-brain communication in aging and rejuvenation. <i>Nature Neuroscience</i> , 0, , .	7.1	17

#	ARTICLE	IF	CITATIONS
909	Resilience of Neural Cellularity to the Influence of Low Educational Level. <i>Brain Sciences</i> , 2023, 13, 104.	1.1	0
911	Sex and BDNF Val66Met polymorphism matter for exercise-induced increase in neurogenesis and cognition in middle-aged mice. <i>Hormones and Behavior</i> , 2023, 148, 105297.	1.0	0
912	The times they are a-changinâ€™™: a proposal on how brain flexibility goes beyond the obvious to include the concepts of â€œupwardâ€•and â€œdownwardâ€•to neuroplasticity. <i>Molecular Psychiatry</i> , 2023, 28, 977-992.	4.1	8
913	Neurogenesis Based in Quantum Mechanics Governed by Ions Interaction and Coherent States. , 2022, , .		0
914	Predicting progression to Alzheimerâ€™™s disease with human hippocampal progenitors exposed to serum. <i>Brain</i> , 2023, 146, 2045-2058.	3.7	7
915	In vitro characterization on the role of <scp><i>APOE</i></scp> polymorphism in human hippocampal neurogenesis. <i>Hippocampus</i> , 2023, 33, 322-346.	0.9	3
916	Consistency and Variation in Doublecortin and Ki67 Antigen Detection in the Brain Tissue of Different Mammals, including Humans. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2514.	1.8	4
917	Adult Neurogenesis: A Potential Target for Regenerative Medicine. , 2023, , 207-224.		0
918	Adult neurogenesis in the primate hippocampus. <i>Zoological Research</i> , 2023, 44, 315-322.	0.9	4
919	Regulation of adult hippocampal neurogenesis by microglia in the healthy and injured brain. <i>Scientia Sinica Vitae</i> , 2023, , .	0.1	1
920	Restoration of Adult Neurogenesis by Intranasal Administration of Gangliosides GD3 and GM1 in The Olfactory Bulb of A53T Alpha-Synuclein-Expressing Parkinsonâ€™™s-Disease Model Mice. <i>Molecular Neurobiology</i> , 2023, 60, 3329-3344.	1.9	6
921	Radial stem astrocytes (aka neural stem cells): Identity, development, physioâ€™pathology, and therapeutic potential. <i>Acta Physiologica</i> , 2023, 238, .	1.8	8
922	Endogenous neural stem cells characterization using omics approaches: Current knowledge in health and disease. <i>Frontiers in Cellular Neuroscience</i> , 0, 17, .	1.8	1
923	The potential of hydrogels as a niche for promoting neurogenesis and regulating neuroinflammation in ischemic stroke. <i>Materials and Design</i> , 2023, 229, 111916.	3.3	1
924	Adult hippocampal neurogenesis in Alzheimerâ€™™s disease: A roadmap to clinical relevance. <i>Cell Stem Cell</i> , 2023, 30, 120-136.	5.2	25
925	Mechanisms of robustness in gene regulatory networks involved in neural development. <i>Frontiers in Molecular Neuroscience</i> , 0, 16, .	1.4	2
927	Engineering of an electrically charged hydrogel implanted into a traumatic brain injury model for stepwise neuronal tissue reconstruction. <i>Scientific Reports</i> , 2023, 13, .	1.6	5
928	Adult-born neurons add flexibility to hippocampal memories. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	3

#	ARTICLE	IF	CITATIONS
930	<sc>MiR</sc> 181a-5p promotes neural stem cell proliferation and enhances the learning and memory of aged mice. <i>Aging Cell</i> , 2023, 22, .	3.0	4
931	Effects of nourishing qi, activating blood circulation, and inducing resuscitation on nerve cell pyroptosis after cerebral ischemia-reperfusion. <i>Quality Assurance and Safety of Crops and Foods</i> , 2023, 15, 193-206.	1.8	0
932	Neural Stem Cells, Differentiation, and Migration. , 2023, , 39-54.		1
933	Potential diagnostic markers and therapeutic targets for rheumatoid arthritis with comorbid depression based on bioinformatics analysis. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
934	<i>Homo medicus</i>: The transition to meat eating increased pathogen pressure and the use of pharmacological plants in <i>Homo</i>. <i>American Journal of Biological Anthropology</i> , 2023, 180, 589-617.	0.6	4
936	Sleep, Ageing, and Cognitive Decline. <i>Healthy Ageing and Longevity</i> , 2023, , 175-192.	0.2	1
937	Doublecortin-Expressing Neurons in Human Cerebral Cortex Layer II and Amygdala from Infancy to 100 Years Old. <i>Molecular Neurobiology</i> , 2023, 60, 3464-3485.	1.9	9
938	Therapy Resistance of Glioblastoma in Relation to the Subventricular Zone: What Is the Role of Radiotherapy?. <i>Cancers</i> , 2023, 15, 1677.	1.7	1
940	Neuron stem cell NLRP6 sustains hippocampal neurogenesis to resist stress-induced depression. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 2017-2038.	5.7	2
941	Regulation of Cell Plasticity by Bromodomain and Extraterminal Domain (BET) Proteins: A New Perspective in Glioblastoma Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5665.	1.8	2
943	Mapping human adult hippocampal neurogenesis with single-cell transcriptomics: Reconciling controversy or fueling the debate?. <i>Neuron</i> , 2023, 111, 1714-1731.e3.	3.8	15
944	Migratory Response of Cells in Neurogenic Niches to Neuronal Death: The Onset of Harmonic Repair?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6587.	1.8	3
946	Role of Hydroxytyrosol and Oleuropein in the Prevention of Aging and Related Disorders: Focus on Neurodegeneration, Skeletal Muscle Dysfunction and Gut Microbiota. <i>Nutrients</i> , 2023, 15, 1767.	1.7	4
947	Restoring Carboxypeptidase E Rescues BDNF Maturation and Neurogenesis in Aged Brains. , 0, , .		0
948	What can traditional Chinese medicine do for adult neurogenesis?. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
949	Disturbances of purine and lipid metabolism in the microbiota-gut-brain axis in male adolescent nonhuman primates with depressive-like behaviors. <i>Journal of Advanced Research</i> , 2023, , .	4.4	0
950	Effect of tumor genetics, pathology, and location on fMRI of language reorganization in brain tumor patients. <i>European Radiology</i> , 0, , .	2.3	2
965	Mosaic of Aging. , 2023, , 69-88.		0

#	ARTICLE	IF	CITATIONS
983	Neurobiological Foundations of Psychotherapies. , 2023, , 1-21.		0
985	Purinergic Signaling in Neurogenesis and Neural Fate Determination: Current Knowledge and Future Challenges. , 2023, , 69-96.		0
991	Chronic Stress, Depression, and Alzheimerâ€™s Disease: The Triangle of Oblivion. Advances in Experimental Medicine and Biology, 2023, , 303-315.	0.8	1
998	Survival of the fittest glia. Nature Biotechnology, 0, , .	9.4	0
1001	Microglial contribution to the pathology of neurodevelopmental disorders in humans. Acta Neuropathologica, 2023, 146, 663-683.	3.9	5
1012	Adult neurogenesis and â€œimmatureâ€•neurons in mammals: an evolutionary trade-off in plasticity?. Brain Structure and Function, 0, , .	1.2	3
1017	Resident Neural Stem Cells. , 2024, , 127-157.		0
1020	The Life Course Approach to Cognitive Aging and Dementia. , 2023, , 119-140.		0
1050	Memory Systems. , 2024, , 279-313.		0
1055	The Role of VEGF in Angiogenesis and Motor Recovery after Ischemic Stroke. Neurochemical Journal, 2023, 17, 528-533.	0.2	0
1061	Host peripheral immune dynamics increase HIV-associated neurocognitive disorders incidence and progression. , 2024, , 147-160.		0