Hongjun Song

List of Publications by Year
in descending order

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		8755	6872
167	33,382	77	160
papers	citations	h-index	g-index

224	224	224	37601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Setting the clock of neural progenitor cells during mammalian corticogenesis. Seminars in Cell and Developmental Biology, 2023, 142, 43-53.	2.3	6
2	CYFIP1 Dosages Exhibit Divergent Behavioral Impact via Diametric Regulation of NMDA Receptor Complex Translation in Mouse Models of Psychiatric Disorders. Biological Psychiatry, 2022, 92, 815-826.	0.7	8
3	Applications of Brain Organoids for Infectious Diseases. Journal of Molecular Biology, 2022, 434, 167243.	2.0	17
4	Partitioning RNAs by length improves transcriptome reconstruction from short-read RNA-seq data. Nature Biotechnology, 2022, 40, 741-750.	9.4	7
5	Flexible encoding of objects and space in single cells of the dentate gyrus. Current Biology, 2022, 32, 1088-1101.e5.	1.8	18
6	What Makes Organoids Good Models of Human Neurogenesis?. Frontiers in Neuroscience, 2022, 16, 872794.	1.4	5
7	What Is the Relationship Between Hippocampal Neurogenesis Across Different Stages of the Lifespan?. Frontiers in Neuroscience, 2022, 16, .	1.4	13
8	3D spatial genome organization in the nervous system: From development and plasticity to disease. Neuron, 2022, 110, 2902-2915.	3.8	10
9	Molecular landscapes of human hippocampal immature neurons across lifespan. Nature, 2022, 607, 527-533.	13.7	116
10	Modeling neurological disorders using brain organoids. Seminars in Cell and Developmental Biology, 2021, 111, 4-14.	2.3	23
11	Structural interaction between DISC1 and ATF4 underlying transcriptional and synaptic dysregulation in an iPSC model of mental disorders. Molecular Psychiatry, 2021, 26, 1346-1360.	4.1	22
12	Evaluating Neurodevelopmental Consequences of Perinatal Exposure to Antiretroviral Drugs: Current Challenges and New Approaches. Journal of NeuroImmune Pharmacology, 2021, 16, 113-129.	2.1	26
13	Building the brain from scratch: Engineering region-specific brain organoids from human stem cells to study neural development and disease. Current Topics in Developmental Biology, 2021, 142, 477-530.	1.0	15
14	An Integrated Systems Biology Approach Identifies the Proteasome as A Critical Host Machinery for ZIKV and DENV Replication. Genomics, Proteomics and Bioinformatics, 2021, 19, 108-122.	3.0	7
15	An all-to-all approach to the identification of sequence-specific readers for epigenetic DNA modifications on cytosine. Nature Communications, 2021, 12, 795.	5.8	22
16	Pharmacological rescue in patient iPSC and mouse models with a rare DISC1 mutation. Nature Communications, 2021, 12, 1398.	5.8	17
17	Decoding neuronal composition and ontogeny of individual hypothalamic nuclei. Neuron, 2021, 109, 1150-1167.e6.	3.8	18
18	Application of niclosamide and analogs as small molecule inhibitors of Zika virus and SARS-CoV-2 infection. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127906.	1.0	15

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19	Novel Treatment for Glioblastoma Delivered by a Radiation Responsive and Radiopaque Hydrogel. ACS Biomaterials Science and Engineering, 2021, 7, 3209-3220.	2.6	20
20	Seq-ing out cell types across the isocortex and hippocampal formation. Cell, 2021, 184, 3083-3085.	13.5	3
21	Abstract 2203: Identifying the transcriptomic signatures of mutational heterogeneity in GBM using single cell genomics. , 2021, , .		0
22	Generation of hypothalamic arcuate organoids from human induced pluripotent stem cells. Cell Stem Cell, 2021, 28, 1657-1670.e10.	5.2	72
23	High-Affinity Chimeric Antigen Receptor With Cross-Reactive scFv to Clinically Relevant EGFR Oncogenic Isoforms. Frontiers in Oncology, 2021, 11, 664236.	1.3	14
24	Ontogeny of adult neural stem cells in the mammalian brain. Current Topics in Developmental Biology, 2021, 142, 67-98.	1.0	27
25	PUS7: a targetable epitranscriptomic regulator of glioblastoma growth. Trends in Pharmacological Sciences, 2021, 42, 976-978.	4.0	10
26	Microglia modulate neurodevelopment in human neuroimmune organoids. Cell Stem Cell, 2021, 28, 2035-2036.	5.2	8
27	Loss of chromatin modulator Dpy30 compromises proliferation and differentiation of postnatal neural stem cells. Journal of Molecular Cell Biology, 2020, 12, 2-3.	1.5	3
28	A Patient-Derived Glioblastoma Organoid Model and Biobank Recapitulates Inter- and Intra-tumoral Heterogeneity. Cell, 2020, 180, 188-204.e22.	13.5	529
29	Adult neurogenesis and the dentate gyrus: Predicting function from form. Behavioural Brain Research, 2020, 379, 112346.	1.2	22
30	The epitranscriptome in stem cell biology and neural development. Neurobiology of Disease, 2020, 146, 105139.	2.1	32
31	Differential Timing and Coordination of Neurogenesis and Astrogenesis in Developing Mouse Hippocampal Subregions. Brain Sciences, 2020, 10, 909.	1.1	25
32	Human Pluripotent Stem Cell-Derived Neural Cells and Brain Organoids Reveal SARS-CoV-2 Neurotropism Predominates in Choroid Plexus Epithelium. Cell Stem Cell, 2020, 27, 937-950.e9.	5.2	314
33	Zika Virus-Induced Neuronal Apoptosis via Increased Mitochondrial Fragmentation. Frontiers in Microbiology, 2020, 11, 598203.	1.5	27
34	Generation and biobanking of patient-derived glioblastoma organoids and their application in CAR T cell testing. Nature Protocols, 2020, 15, 4000-4033.	5.5	89
35	Modeling traumatic brain injury with human brain organoids. Current Opinion in Biomedical Engineering, 2020, 14, 52-58.	1.8	15
36	Sliced Human Cortical Organoids for Modeling Distinct Cortical Layer Formation. Cell Stem Cell, 2020, 26, 766-781.e9.	5.2	268

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37	Robust Hi-C Maps of Enhancer-Promoter Interactions Reveal the Function of Non-coding Genome in Neural Development and Diseases. Molecular Cell, 2020, 79, 521-534.e15.	4.5	110
38	Invited Review: Epigenetics in neurodevelopment. Neuropathology and Applied Neurobiology, 2020, 46, 6-27.	1.8	34
39	Nr4a1 suppresses cocaine-induced behavior via epigenetic regulation of homeostatic target genes. Nature Communications, 2020, 11, 504.	5.8	61
40	Persistent Cyfip1 Expression Is Required to Maintain the Adult Subventricular Zone Neurogenic Niche. Journal of Neuroscience, 2020, 40, 2015-2024.	1.7	6
41	Using Two- and Three-Dimensional Human iPSC Culture Systems to Model Psychiatric Disorders. Advances in Neurobiology, 2020, 25, 237-257.	1.3	6
42	Applications of Human Brain Organoids to Clinical Problems. Developmental Dynamics, 2019, 248, 53-64.	0.8	88
43	Interplay between a Mental Disorder Risk Gene and Developmental Polarity Switch of GABA Action Leads to Excitation-Inhibition Imbalance. Cell Reports, 2019, 28, 1419-1428.e3.	2.9	23
44	Zika Virus Infection Induces DNA Damage Response in Human Neural Progenitors That Enhances Viral Replication. Journal of Virology, 2019, 93, .	1.5	45
45	Pathophysiology and Mechanisms of Zika Virus Infection in the Nervous System. Annual Review of Neuroscience, 2019, 42, 249-269.	5.0	41
46	FMRP Modulates Neural Differentiation through m6A-Dependent mRNA Nuclear Export. Cell Reports, 2019, 28, 845-854.e5.	2.9	188
47	Mapping cis-regulatory chromatin contacts in neural cells links neuropsychiatric disorder risk variants to target genes. Nature Genetics, 2019, 51, 1252-1262.	9.4	139
48	Dentate Gyrus Mossy Cells Share a Role in Pattern Separation with Dentate Granule Cells and Proximal CA3 Pyramidal Cells. Journal of Neuroscience, 2019, 39, 9570-9584.	1.7	42
49	Transplantation of Human Brain Organoids: Revisiting the Science and Ethics of Brain Chimeras. Cell Stem Cell, 2019, 25, 462-472.	5.2	62
50	Brain organoids: advances, applications and challenges. Development (Cambridge), 2019, 146, .	1.2	385
51	A Common Embryonic Origin of Stem Cells Drives Developmental and Adult Neurogenesis. Cell, 2019, 177, 654-668.e15.	13.5	186
52	Nanoparticle technology and stem cell therapy team up against neurodegenerative disorders. Advanced Drug Delivery Reviews, 2019, 148, 239-251.	6.6	83
53	TMOD-13. MODELING THE GENETIC, TRANSCRIPTOMIC, AND CELLULAR HETEROGENEITY OF GLIOBLASTOMA USING TUMOR ORGANOIDS. Neuro-Oncology, 2019, 21, vi265-vi265.	0.6	0
54	TMOD-26. MODELING GLIOBLASTOMA BY IMPLANTATION OF INTACT PATIENT-DERIVED ORGANOIDS INTO RODENT BRAINS. Neuro-Oncology, 2019, 21, vi268-vi268.	0.6	0

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55	Clinical activity of the EGFR tyrosine kinase inhibitor osimertinib in EGFR-mutant glioblastoma. CNS Oncology, 2019, 8, CNS43.	1.2	38
56	TMOD-25. GLIOBLASTOMA ORGANOIDS: A MODEL SYSTEM FOR PATIENT-SPECIFIC THERAPEUTIC TESTING. Neuro-Oncology, 2019, 21, vi268-vi268.	0.6	0
57	A previously undetected pathology of Zika virus infection. Nature Medicine, 2018, 24, 258-259.	15.2	2
58	Generation of human brain regionâ€“specific organoids using a miniaturized spinning bioreactor. Nature Protocols, 2018, 13, 565-580.	5.5	335
59	Epigenetics and epitranscriptomics in temporal patterning of cortical neural progenitor competence. Journal of Cell Biology, 2018, 217, 1901-1914.	2.3	69
60	Human Adult Neurogenesis: Evidence and Remaining Questions. Cell Stem Cell, 2018, 23, 25-30.	5.2	601
61	Coupling Neurogenesis to Circuit Formation. Cell, 2018, 173, 288-290.	13.5	1
62	Epitranscriptomic m6A Regulation of Axon Regeneration in the Adult Mammalian Nervous System. Neuron, 2018, 97, 313-325.e6.	3.8	292
63	Multiplexed Biomarker Panels Discriminate Zika and Dengue Virus Infection in Humans. Molecular and Cellular Proteomics, 2018, 17, 349-356.	2.5	19
64	Radial glial cells in the adult dentate gyrus: what are they and where do they come from?. F1000Research, 2018, 7, 277.	0.8	65
65	m6A facilitates hippocampus-dependent learning and memory through YTHDF1. Nature, 2018, 563, 249-253.	13.7	354
66	Autocrine Mfge8 Signaling Prevents Developmental Exhaustion of the Adult Neural Stem Cell Pool. Cell Stem Cell, 2018, 23, 444-452.e4.	5.2	64
67	Epitranscriptomes in the Adult Mammalian Brain: Dynamic Changes Regulate Behavior. Neuron, 2018, 99, 243-245.	3.8	24
68	In vivo clonal analysis reveals spatiotemporal regulation of thalamic nucleogenesis. PLoS Biology, 2018, 16, e2005211.	2.6	30
69	Synaptic dysfunction in complex psychiatric disorders: from genetics to mechanisms. Genome Medicine, 2018, 10, 9.	3.6	44
70	Fragile X mental retardation protein modulates the stability of its m6A-marked messenger RNA targets. Human Molecular Genetics, 2018, 27, 3936-3950.	1.4	129
71	Emetine inhibits Zika and Ebola virus infections through two molecular mechanisms: inhibiting viral replication and decreasing viral entry. Cell Discovery, 2018, 4, 31.	3.1	128
72	An Integrated System Approach Identified the Human Proteasome as a Conserved Critical Machinery for ZIKV and DENV Replication. FASEB Journal, 2018, 32, 669.3.	0.2	0

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73	m 6 A facilitates hippocampusâ€dependent learning and memory through Ythdf1. FASEB Journal, 2018, 32, 787.6.	0.2	1
74	Role of Mitochondrial Metabolism in the Control of Early Lineage Progression and Aging Phenotypes in Adult Hippocampal Neurogenesis. Neuron, 2017, 93, 560-573.e6.	3.8	221
75	Spatial Representations of Granule Cells and Mossy Cells of the Dentate Gyrus. Neuron, 2017, 93, 677-690.e5.	3.8	219
76	Neuronal activity modifies the chromatin accessibility landscape in the adult brain. Nature Neuroscience, 2017, 20, 476-483.	7.1	218
77	Adult enteric nervous system in health is maintained by a dynamic balance between neuronal apoptosis and neurogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3709-E3718.	3.3	208
78	An Intrinsic Epigenetic Barrier for Functional Axon Regeneration. Neuron, 2017, 94, 337-346.e6.	3.8	130
79	Disrupted-in-Schizophrenia-1 (DISC1) protein disturbs neural function in multiple disease-risk pathways. Human Molecular Genetics, 2017, 26, 2634-2648.	1.4	19
80	How does Zika virus cause microcephaly?. Genes and Development, 2017, 31, 849-861.	2.7	124
81	Using brain organoids to understand Zika virus-induced microcephaly. Development (Cambridge), 2017, 144, 952-957.	1.2	201
82	DISC1 Regulates Neurogenesis via Modulating Kinetochore Attachment of Ndel1/Nde1 during Mitosis. Neuron, 2017, 96, 1041-1054.e5.	3.8	109
83	Temporal Control of Mammalian Cortical Neurogenesis by m6A Methylation. Cell, 2017, 171, 877-889.e17.	13.5	567
84	Zika-Virus-Encoded NS2A Disrupts Mammalian Cortical Neurogenesis by Degrading Adherens Junction Proteins. Cell Stem Cell, 2017, 21, 349-358.e6.	5.2	163
85	Zika virus directly infects peripheral neurons and induces cell death. Nature Neuroscience, 2017, 20, 1209-1212.	7.1	85
86	Methylated cis-regulatory elements mediate KLF4-dependent gene transactivation and cell migration. ELife, 2017, 6, .	2.8	39
87	Early postnatal exposure to isoflurane causes cognitive deficits and disrupts development of newborn hippocampal neurons via activation of the mTOR pathway. PLoS Biology, 2017, 15, e2001246.	2.6	61
88	A human brain microphysiological system derived from induced pluripotent stem cells to study neurological diseases and toxicity. ALTEX: Alternatives To Animal Experimentation, 2017, 34, 362-376.	0.9	195
89	Stem cells take the stairs. Journal of Biological Chemistry, 2017, 292, 19605-19606.	1.6	0
90	Persistent Structural Plasticity Optimizes Sensory Information Processing in the Olfactory Bulb. Neuron, 2016, 91, 384-396.	3.8	63

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91	Advances in Zika Virus Research: Stem Cell Models, Challenges, and Opportunities. Cell Stem Cell, 2016, 19, 690-702.	5.2	103
92	Brain-specific Crmp2 deletion leads to neuronal development deficits and behavioural impairments in mice. Nature Communications, 2016, 7, .	5.8	84
93	Zika Virus Infects Human Cortical Neural Progenitors and Attenuates Their Growth. Cell Stem Cell, 2016, 18, 587-590.	5.2	1,125
94	Brain-Region-Specific Organoids Using Mini-bioreactors for Modeling ZIKV Exposure. Cell, 2016, 165, 1238-1254.	13.5	1,680
95	Neuronal Circuitry Mechanisms Regulating Adult Mammalian Neurogenesis. Cold Spring Harbor Perspectives in Biology, 2016, 8, a018937.	2.3	95
96	A nuclease that mediates cell death induced by DNA damage and poly(ADP-ribose) polymerase-1. Science, 2016, 354, .	6.0	266
97	Identification of small-molecule inhibitors of Zika virus infection and induced neural cell death via a drug repurposing screen. Nature Medicine, 2016, 22, 1101-1107.	15.2	581
98	Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. Nucleic Acids Research, 2016, 44, 8610-8620.	6.5	155
99	The TLX-miR-219 cascade regulates neural stem cell proliferation in neurodevelopment and schizophrenia iPSC model. Nature Communications, 2016, 7, 10965.	5.8	95
100	Epigenetic regulation of axonal regenerative capacity. Epigenomics, 2016, 8, 1429-1442.	1.0	33
101	Therapeutic targeting of oxygen-sensing prolyl hydroxylases abrogates ATF4-dependent neuronal death and improves outcomes after brain hemorrhage in several rodent models. Science Translational Medicine, 2016, 8, 328ra29.	5.8	106
102	The Role of Epigenetic Mechanisms in the Regulation of Gene Expression in the Nervous System. Journal of Neuroscience, 2016, 36, 11427-11434.	1.7	109
103	Epigenetic mechanisms in neurogenesis. Nature Reviews Neuroscience, 2016, 17, 537-549.	4.9	299
104	Neural stem cells attacked by Zika virus. Cell Research, 2016, 26, 753-754.	5.7	20
105	Heterogeneity of Radial Glia-Like Cells in the Adult Hippocampus. Stem Cells, 2016, 34, 997-1010.	1.4	103
106	Adult Neurogenesis and Psychiatric Disorders. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019026.	2.3	146
107	Lin28A Binds Active Promoters and Recruits Tet1 to Regulate Gene Expression. Molecular Cell, 2016, 61, 153-160.	4.5	74
108	Modeling synaptogenesis in schizophrenia and autism using human iPSC derived neurons. Molecular and Cellular Neurosciences, 2016, 73, 52-62.	1.0	66

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109	Diversity of Neural Precursors in the Adult Mammalian Brain. Cold Spring Harbor Perspectives in Biology, 2016, 8, a018838.	2.3	42
110	Modeling psychiatric disorders with patient-derived iPSCs. Current Opinion in Neurobiology, 2016, 36, 118-127.	2.0	72
111	Creating Patient-Specific Neural Cells for the InÂVitro Study of Brain Disorders. Stem Cell Reports, 2015, 5, 933-945.	2.3	72
112	Rheb1 mediates DISC1-dependent regulation of new neuron development in the adult hippocampus. Neurogenesis (Austin, Tex), 2015, 2, e1081715.	1.5	9
113	Tet1 oxidase regulates neuronal gene transcription, active DNA hydroxymethylation, object location memory, and threat recognition memory. Neuroepigenetics, 2015, 4, 12-27.	2.8	42
114	Experience Matters: Enrichment Remodels Synaptic Inputs to Adult-Born Neurons. Neuron, 2015, 85, 659-661.	3.8	2
115	Tangential migration of neuronal precursors of glutamatergic neurons in the adult mammalian brain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9484-9489.	3.3	109
116	Tet3 regulates synaptic transmission and homeostatic plasticity via DNA oxidation and repair. Nature Neuroscience, 2015, 18, 836-843.	7.1	164
117	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. Nature Neuroscience, 2015, 18, 536-544.	7.1	160
118	Molecular Toggle Switch of Histone Demethylase LSD1. Molecular Cell, 2015, 57, 949-950.	4.5	12
119	Seeking a Roadmap toward Neuroepigenetics. Neuron, 2015, 86, 12-15.	3.8	5
120	Adult Mammalian Neural Stem Cells and Neurogenesis: Five Decades Later. Cell Stem Cell, 2015, 17, 385-395.	5.2	650
121	Latent tri-lineage potential of adult hippocampal neural stem cells revealed by Nf1 inactivation. Nature Neuroscience, 2015, 18, 1722-1724.	7.1	35
122	DNA damage and repair regulate neuronal gene expression. Cell Research, 2015, 25, 993-994.	5.7	17
123	Single-Cell RNA-Seq with Waterfall Reveals Molecular Cascades underlying Adult Neurogenesis. Cell Stem Cell, 2015, 17, 360-372.	5.2	680
124	Neurogenesis in the Adult Hippocampus. Cold Spring Harbor Perspectives in Biology, 2015, 7, a018812.	2.3	676
125	Tbr2-expressing intermediate progenitor cells in the adult mouse hippocampus are unipotent neuronal precursors with limited amplification capacity under homeostasis. Frontiers in Biology, 2015, 10, 262-271.	0.7	25
126	A septo-temporal molecular gradient of sfrp3 in the dentate gyrus differentially regulates quiescent adult hippocampal neural stem cell activation. Molecular Brain, 2015, 8, 52.	1.3	25

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127	Epigenetic mechanisms of neuroplasticity and the implications for stroke recovery. Experimental Neurology, 2015, 268, 37-45.	2.0	88
128	Defects in dendrite and spine maturation and synaptogenesis associated with an anxious-depressive-like phenotype of GABAA receptor-deficient mice. Neuropharmacology, 2015, 88, 171-179.	2.0	39
129	Tumorigenicity of hypoxic respiring cancer cells revealed by a hypoxiaâ€“cell cycle dual reporter. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12486-12491.	3.3	48
130	A diametric mode of neuronal circuitry-neurogenesis coupling in the adult hippocampus via parvalbumin interneurons. Neurogenesis (Austin, Tex), 2014, 1, e29949.	1.5	3
131	Reprogram to pluripotency: a new logic and a chemical cocktail. National Science Review, 2014, 1, 6-7.	4.6	1
132	Genome-wide antagonism between 5-hydroxymethylcytosine and DNA methylation in the adult mouse brain. Frontiers in Biology, 2014, 9, 66-74.	0.7	26
133	Distribution, recognition and regulation of non-CpG methylation in the adult mammalian brain. Nature Neuroscience, 2014, 17, 215-222.	7.1	663
134	Decoding neural transcriptomes and epigenomes via high-throughput sequencing. Nature Neuroscience, 2014, 17, 1463-1475.	7.1	49
135	DNA modifications in the mammalian brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130512.	1.8	29
136	Modeling a Genetic Risk for Schizophrenia in iPSCs and Mice Reveals Neural Stem Cell Deficits Associated with Adherens Junctions and Polarity. Cell Stem Cell, 2014, 15, 79-91.	5.2	238
137	Synaptic dysregulation in a human iPS cell model of mental disorders. Nature, 2014, 515, 414-418.	13.7	471
138	Functions and Dysfunctions of Adult Hippocampal Neurogenesis. Annual Review of Neuroscience, 2014, 37, 243-262.	5.0	344
139	Seamless Reconstruction of Intact Adult-Born Neurons by Serial End-Block Imaging Reveals Complex Axonal Guidance and Development in the Adult Hippocampus. Journal of Neuroscience, 2013, 33, 11400-11411.	1.7	62
140	Parvalbumin interneurons mediate neuronal circuitryâ€“neurogenesis coupling in the adult hippocampus. Nature Neuroscience, 2013, 16, 1728-1730.	7.1	191
141	Neurotransmitter-mediated control of neurogenesis in the adult vertebrate brain. Development (Cambridge), 2013, 140, 2548-2561.	1.2	198
142	Secreted Frizzled-Related Protein 3 Regulates Activity-Dependent Adult Hippocampal Neurogenesis. Cell Stem Cell, 2013, 12, 215-223.	5.2	173
143	DNA methylation presents distinct binding sites for human transcription factors. ELife, 2013, 2, e00726.	2.8	292
144	Interplay between DISC1 and GABA Signaling Regulates Neurogenesis in Mice and Risk for Schizophrenia. Cell, 2012, 148, 1051-1064.	13.5	196

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145	Neuronal circuitry mechanism regulating adult quiescent neural stem-cell fate decision. Nature, 2012, 489, 150-154.	13.7	463
146	Application of reprogrammed patient cells to investigate the etiology of neurological and psychiatric disorders. Frontiers in Biology, 2012, 7, 179-188.	0.7	6
147	Hydroxylation of 5-Methylcytosine by TET1 Promotes Active DNA Demethylation in the Adult Brain. Cell, 2011, 145, 423-434.	13.5	1,196
148	In Vivo Clonal Analysis Reveals Self-Renewing and Multipotent Adult Neural Stem Cell Characteristics. Cell, 2011, 145, 1142-1155.	13.5	749
149	Neuronal activity modifies the DNA methylation landscape in the adult brain. Nature Neuroscience, 2011, 14, 1345-1351.	7.1	601
150	Adult Neurogenesis in the Mammalian Brain: Significant Answers and Significant Questions. Neuron, 2011, 70, 687-702.	3.8	2,193
151	Epigenetic regulation of neurogenesis in the adult mammalian brain. European Journal of Neuroscience, 2011, 33, 1087-1093.	1.2	87
152	Emerging roles of TET proteins and 5-hydroxymethylcytosines in active DNA demethylation and beyond. Cell Cycle, 2011, 10, 2662-2668.	1.3	219
153	Chordin-induced lineage plasticity of adult SVZ neuroblasts after demyelination. Nature Neuroscience, 2010, 13, 541-550.	7.1	200
154	Epigenetic choreographers of neurogenesis in the adult mammalian brain. Nature Neuroscience, 2010, 13, 1338-1344.	7.1	302
155	Adult neural stem cells in the mammalian central nervous system. Cell Research, 2009, 19, 672-682.	5.7	284
156	Neuronal Activityâ€“Induced Gadd45b Promotes Epigenetic DNA Demethylation and Adult Neurogenesis. Science, 2009, 323, 1074-1077.	6.0	846
157	Synaptic integration and plasticity of new neurons in the adult hippocampus. Journal of Physiology, 2008, 586, 3759-3765.	1.3	204
158	Development of hippocampal mossy fiber synaptic outputs by new neurons in the adult brain. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14157-14162.	3.3	186
159	A Critical Period for Enhanced Synaptic Plasticity in Newly Generated Neurons of the Adult Brain. Neuron, 2007, 54, 559-566.	3.8	813
160	Disrupted-In-Schizophrenia 1 Regulates Integration of Newly Generated Neurons in the Adult Brain. Cell, 2007, 130, 1146-1158.	13.5	576
161	GABA regulates synaptic integration of newly generated neurons in the adult brain. Nature, 2006, 439, 589-593.	13.7	1,139
162	Identification of Astrocyte-expressed Factors That Modulate Neural Stem/Progenitor Cell Differentiation. Stem Cells and Development, 2006, 15, 407-421.	1.1	273

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163	ADULT NEUROGENESIS IN THE MAMMALIAN CENTRAL NERVOUS SYSTEM. Annual Review of Neuroscience, 2005, 28, 223-250.	5.0	1,642
164	Glial influences on neural stem cell development: cellular niches for adult neurogenesis. Current Opinion in Neurobiology, 2005, 15, 514-520.	2.0	192
165	New Neurons in the Adult Mammalian Brain: Synaptogenesis and Functional Integration. Journal of Neuroscience, 2005, 25, 10366-10368.	1.7	87
166	NEUROGENESIS IN THEADULTBRAIN: New Strategies for Central Nervous System Diseases. Annual Review of Pharmacology and Toxicology, 2004, 44, 399-421.	4.2	567
167	Astroglia induce neurogenesis from adult neural stem cells. Nature, 2002, 417, 39-44.	13.7	1,342