Xuekun Li

List of Publications by Year in descending order

39 papers	3,514 citations	394421 19 h-index	345221 36 g-index
40 all docs	40 docs citations	40 times ranked	4814 citing authors

#	Article	IF	Citations
1	Selective chemical labeling reveals the genome-wide distribution of 5-hydroxymethylcytosine. Nature Biotechnology, 2011, 29, 68-72.	17.5	955
2	5-hmCâ€“mediated epigenetic dynamics during postnatal neurodevelopment and aging. Nature Neuroscience, 2011, 14, 1607-1616.	14.8	746
3	Cross talk between microRNA and epigenetic regulation in adult neurogenesis. Journal of Cell Biology, 2010, 189, 127-141.	5.2	445
4	Fat mass and obesity-associated (FTO) protein regulates adult neurogenesis. Human Molecular Genetics, 2017, 26, 2398-2411.	2.9	221
5	m6A Regulates Neurogenesis and Neuronal Development by Modulating Histone Methyltransferase Ezh2. Genomics, Proteomics and Bioinformatics, 2019, 17, 154-168.	6.9	135
6	FTO mediates LINE1 m ⁶ A demethylation and chromatin regulation in mESCs and mouse development. Science, 2022, 376, 968-973.	12.6	97
7	Epigenetic Regulation of the Stem Cell Mitogen Fgf-2 by Mbd1 in Adult Neural Stem/Progenitor Cells. Journal of Biological Chemistry, 2008, 283, 27644-27652.	3.4	95
8	From development to diseases: The role of 5hmC in brain. Genomics, 2014, 104, 347-351.	2.9	87
9	Ten-eleven translocation 2 interacts with forkhead box O3 and regulates adult neurogenesis. Nature Communications, 2017, 8, 15903.	12.8	82
10	Epigenetic Regulation of Mammalian Stem Cells. Stem Cells and Development, 2008, 17, 1043-1052.	2.1	73
11	Long Non-coding RNA in Neuronal Development and Neurological Disorders. Frontiers in Genetics, 2018, 9, 744.	2.3	68
12	The Application of Brain Organoids: From Neuronal Development to Neurological Diseases. Frontiers in Cell and Developmental Biology, 2020, 8, 579659.	3.7	65
13	Cell cycle-linked MeCP2 phosphorylation modulates adult neurogenesis involving the Notch signalling pathway. Nature Communications, 2014, 5, 5601.	12.8	57
14	Genome-wide alteration of 5-hydroxymenthylcytosine in a mouse model of Alzheimerâ€™s disease. BMC Genomics, 2016, 17, 381.	2.8	48
15	Dynamic effects of Fto in regulating the proliferation and differentiation of adult neural stem cells of mice. Human Molecular Genetics, 2020, 29, 727-735.	2.9	47
16	Ogt controls neural stem/progenitor cell pool and adult neurogenesis through modulating Notch signaling. Cell Reports, 2021, 34, 108905.	6.4	44
17	O-GlcNAcylation regulates the methionine cycle to promote pluripotency of stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7755-7763.	7.1	30
18	5-Hydroxymethylcytosine alterations in the human postmortem brains of autism spectrum disorder. Human Molecular Genetics, 2018, 27, 2955-2964.	2.9	28

#	Article	IF	Citations
19	5-Hydroxymethylcytosine-Mediated DNA Demethylation in Stem Cells and Development. Stem Cells and Development, 2014, 23, 923-930.	2.1	23
20	Modulating adult neurogenesis affects synaptic plasticity and cognitive functions in mouse models of Alzheimer's disease. Stem Cell Reports, 2021, 16, 3005-3019.	4.8	21
21	Emerging Roles of N6-Methyladenosine Modification in Neurodevelopment and Neurodegeneration. Cells, 2021, 10, 2694.	4.1	20
22	Ablating Adult Neural Stem Cells Improves Synaptic and Cognitive Functions in Alzheimer Models. Stem Cell Reports, 2021, 16, 89-105.	4.8	18
23	O-GlcNAc transferase Ogt regulates embryonic neuronal development through modulating Wnt/Î²-catenin signaling. Human Molecular Genetics, 2021, 31, 57-68.	2.9	17
24	The change tendency of PI3K/Akt pathway after spinal cord injury. American Journal of Translational Research (discontinued), 2015, 7, 2223-32.	0.0	17
25	Fto-modulated lipid niche regulates adult neurogenesis through modulating adenosine metabolism. Human Molecular Genetics, 2020, 29, 2775-2787.	2.9	15
26	The Dynamic DNA Demethylation during Postnatal Neuronal Development and Neural Stem Cell Differentiation. Stem Cells International, 2018, 2018, 1-10.	2.5	14
27	Loss of ten-eleven translocation 2 induces cardiac hypertrophy and fibrosis through modulating ERK signaling pathway. Human Molecular Genetics, 2021, 30, 865-879.	2.9	12
28	Long noncoding RNA CCDC144NL-AS1 knockdown induces naÃ¯ve-like state conversion of human pluripotent stem cells. Stem Cell Research and Therapy, 2019, 10, 220.	5.5	9
29	Mutation-induced DNMT1 cleavage drives neurodegenerative disease. Science Advances, 2021, 7, eabe8511.	10.3	8
30	Tet1 Regulates Astrocyte Development and Cognition of Mice Through Modulating GluA1. Frontiers in Cell and Developmental Biology, 2021, 9, 644375.	3.7	4
31	RYBP modulates stability and function of Ring1B through targeting UBE3A. FASEB Journal, 2019, 33, 683-695.	0.5	3
32	NAD+ Modulates the Proliferation and Differentiation of Adult Neural Stem/Progenitor Cells via Akt Signaling Pathway. Cells, 2022, 11, 1283.	4.1	3
33	iPSCs: From Bench to Clinical Bed. Stem Cells International, 2016, 2016, 1-2.	2.5	2
34	The Roles of Base Modifications in Kidney Cancer. Frontiers in Oncology, 2020, 10, 580018.	2.8	2
35	RYBP modulates embryonic neurogenesis involving the Notch signaling pathway in a PRC1-independent pattern. Stem Cell Reports, 2021, , .	4.8	2
36	Base Modifications: Regulation of Stem Cell Functions and Diseases. Stem Cells International, 2018, 2018, 1-2.	2.5	1

#	Article	IF	Citations
37	Noncoding RNAs and Base Modifications: Epigenomic Players Implicated in Neurological Disorders and Tumorigenesis. International Journal of Genomics, 2018, 2018, 1-2.	1.6	0
38	The Detection of 5-Hydroxymethylcytosine in Neural Stem Cells and Brains of Mice. Journal of Visualized Experiments, 2019, , .	0.3	0
39	The roles of epigenetic modifications in neurodegenerative diseases. Zhejiang Da Xue Xue Bao Yi Xue Ban = Journal of Zhejiang University Medical Sciences, 2021, 50, 642-650.	0.3	0