

Xuekun Li

List of Publications by Year in descending order

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39
papers

3,514
citations

394421

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345221

36
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docs citations

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times ranked

4814
citing authors

#	ARTICLE	IF	CITATIONS
1	NAD ⁺ Modulates the Proliferation and Differentiation of Adult Neural Stem/Progenitor Cells via Akt Signaling Pathway. <i>Cells</i> , 2022, 11, 1283.	4.1	3
2	FTO mediates LINE1 m ⁶ A demethylation and chromatin regulation in mESCs and mouse development. <i>Science</i> , 2022, 376, 968-973.	12.6	97
3	Ablating Adult Neural Stem Cells Improves Synaptic and Cognitive Functions in Alzheimer Models. <i>Stem Cell Reports</i> , 2021, 16, 89-105.	4.8	18
4	Ogt controls neural stem/progenitor cell pool and adult neurogenesis through modulating Notch signaling. <i>Cell Reports</i> , 2021, 34, 108905.	6.4	44
5	Loss of ten-eleven translocation 2 induces cardiac hypertrophy and fibrosis through modulating ERK signaling pathway. <i>Human Molecular Genetics</i> , 2021, 30, 865-879.	2.9	12
6	O-GlcNAc transferase Ogt regulates embryonic neuronal development through modulating Wnt/ β -catenin signaling. <i>Human Molecular Genetics</i> , 2021, 31, 57-68.	2.9	17
7	Mutation-induced DNMT1 cleavage drives neurodegenerative disease. <i>Science Advances</i> , 2021, 7, eabe8511.	10.3	8
8	Emerging Roles of N6-Methyladenosine Modification in Neurodevelopment and Neurodegeneration. <i>Cells</i> , 2021, 10, 2694.	4.1	20
9	Tet1 Regulates Astrocyte Development and Cognition of Mice Through Modulating GluA1. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 644375.	3.7	4
10	RYBP modulates embryonic neurogenesis involving the Notch signaling pathway in a PRC1-independent pattern. <i>Stem Cell Reports</i> , 2021, , .	4.8	2
11	The roles of epigenetic modifications in neurodegenerative diseases. <i>Zhejiang Da Xue Xue Bao Yi Xue Ban = Journal of Zhejiang University Medical Sciences</i> , 2021, 50, 642-650.	0.3	0
12	Modulating adult neurogenesis affects synaptic plasticity and cognitive functions in mouse models of Alzheimer's disease. <i>Stem Cell Reports</i> , 2021, 16, 3005-3019.	4.8	21
13	Dynamic effects of Fto in regulating the proliferation and differentiation of adult neural stem cells of mice. <i>Human Molecular Genetics</i> , 2020, 29, 727-735.	2.9	47
14	The Application of Brain Organoids: From Neuronal Development to Neurological Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 579659.	3.7	65
15	The Roles of Base Modifications in Kidney Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 580018.	2.8	2
16	Fto-modulated lipid niche regulates adult neurogenesis through modulating adenosine metabolism. <i>Human Molecular Genetics</i> , 2020, 29, 2775-2787.	2.9	15
17	O-GlcNAcylation regulates the methionine cycle to promote pluripotency of stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7755-7763.	7.1	30
18	RYBP modulates stability and function of Ring1B through targeting UBE3A. <i>FASEB Journal</i> , 2019, 33, 683-695.	0.5	3

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19	Long noncoding RNA CCDC144NL-AS1 knockdown induces naïve-like state conversion of human pluripotent stem cells. Stem Cell Research and Therapy, 2019, 10, 220.	5.5	9
20	The Detection of 5-Hydroxymethylcytosine in Neural Stem Cells and Brains of Mice. Journal of Visualized Experiments, 2019, , .	0.3	0
21	m6A Regulates Neurogenesis and Neuronal Development by Modulating Histone Methyltransferase Ezh2. Genomics, Proteomics and Bioinformatics, 2019, 17, 154-168.	6.9	135
22	Base Modifications: Regulation of Stem Cell Functions and Diseases. Stem Cells International, 2018, 2018, 1-2.	2.5	1
23	Noncoding RNAs and Base Modifications: Epigenomic Players Implicated in Neurological Disorders and Tumorigenesis. International Journal of Genomics, 2018, 2018, 1-2.	1.6	0
24	5-Hydroxymethylcytosine alterations in the human postmortem brains of autism spectrum disorder. Human Molecular Genetics, 2018, 27, 2955-2964.	2.9	28
25	The Dynamic DNA Demethylation during Postnatal Neuronal Development and Neural Stem Cell Differentiation. Stem Cells International, 2018, 2018, 1-10.	2.5	14
26	Long Non-coding RNA in Neuronal Development and Neurological Disorders. Frontiers in Genetics, 2018, 9, 744.	2.3	68
27	Fat mass and obesity-associated (FTO) protein regulates adult neurogenesis. Human Molecular Genetics, 2017, 26, 2398-2411.	2.9	221
28	Ten-eleven translocation 2 interacts with forkhead box O3 and regulates adult neurogenesis. Nature Communications, 2017, 8, 15903.	12.8	82
29	iPSCs: From Bench to Clinical Bed. Stem Cells International, 2016, 2016, 1-2.	2.5	2
30	Genome-wide alteration of 5-hydroxymethylcytosine in a mouse model of Alzheimer's disease. BMC Genomics, 2016, 17, 381.	2.8	48
31	The change tendency of PI3K/Akt pathway after spinal cord injury. American Journal of Translational Research (discontinued), 2015, 7, 2223-32.	0.0	17
32	Cell cycle-linked MeCP2 phosphorylation modulates adult neurogenesis involving the Notch signalling pathway. Nature Communications, 2014, 5, 5601.	12.8	57
33	5-Hydroxymethylcytosine-Mediated DNA Demethylation in Stem Cells and Development. Stem Cells and Development, 2014, 23, 923-930.	2.1	23
34	From development to diseases: The role of 5hmC in brain. Genomics, 2014, 104, 347-351.	2.9	87
35	5-hmC-mediated epigenetic dynamics during postnatal neurodevelopment and aging. Nature Neuroscience, 2011, 14, 1607-1616.	14.8	746
36	Selective chemical labeling reveals the genome-wide distribution of 5-hydroxymethylcytosine. Nature Biotechnology, 2011, 29, 68-72.	17.5	955

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37	Cross talk between microRNA and epigenetic regulation in adult neurogenesis. Journal of Cell Biology, 2010, 189, 127-141.	5.2	445
38	Epigenetic Regulation of Mammalian Stem Cells. Stem Cells and Development, 2008, 17, 1043-1052.	2.1	73
39	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