

Jiang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,630
citations

516561

16
h-index

752573

20
g-index

21
all docs

21
docs citations

21
times ranked

4073
citing authors

#	ARTICLE	IF	CITATIONS
1	Programming and Inheritance of Parental DNA Methylomes in Mammals. <i>Cell</i> , 2014, 157, 979-991.	13.5	451
2	Sperm, but Not Oocyte, DNA Methylome Is Inherited by Zebrafish Early Embryos. <i>Cell</i> , 2013, 153, 773-784.	13.5	428
3	3D Chromatin Structures of Mature Gametes and Structural Reprogramming during Mammalian Embryogenesis. <i>Cell</i> , 2017, 170, 367-381.e20.	13.5	415
4	Structures of SPOP-Substrate Complexes: Insights into Molecular Architectures of BTB-Cul3 Ubiquitin Ligases. <i>Molecular Cell</i> , 2009, 36, 39-50.	4.5	403
5	Chromatin Accessibility Landscape in Human Early Embryos and Its Association with Evolution. <i>Cell</i> , 2018, 173, 248-259.e15.	13.5	159
6	SPOP Promotes Tumorigenesis by Acting as a Key Regulatory Hub in Kidney Cancer. <i>Cancer Cell</i> , 2014, 25, 455-468.	7.7	154
7	Key role for CTCF in establishing chromatin structure in human embryos. <i>Nature</i> , 2019, 576, 306-310.	13.7	131
8	Analysis of <i>Drosophila</i> Segmentation Network Identifies a JNK Pathway Factor Overexpressed in Kidney Cancer. <i>Science</i> , 2009, 323, 1218-1222.	6.0	115
9	Small-Molecule Targeting of E3 Ligase Adaptor SPOP in Kidney Cancer. <i>Cancer Cell</i> , 2016, 30, 474-484.	7.7	74
10	Single-cell analysis of ploidy and the transcriptome reveals functional and spatial divergency in murine megakaryopoiesis. <i>Blood</i> , 2021, 138, 1211-1224.	0.6	59
11	DNA methylation reprogramming of functional elements during mammalian embryonic development. <i>Cell Discovery</i> , 2018, 4, 41.	3.1	51
12	The histone modification reader ZCWPW1 links histone methylation to PRDM9-induced double-strand break repair. <i>ELife</i> , 2020, 9, .	2.8	34
13	Genome wide abnormal DNA methylome of human blastocyst in assisted reproductive technology. <i>Journal of Genetics and Genomics</i> , 2017, 44, 475-481.	1.7	30
14	Reprogramming histone modification patterns to coordinate gene expression in early zebrafish embryos. <i>BMC Genomics</i> , 2019, 20, 248.	1.2	29
15	Recent advances in mammalian reproductive biology. <i>Science China Life Sciences</i> , 2020, 63, 18-58.	2.3	23
16	Role of DNA methylation in altered gene expression patterns in adult zebrafish (<i>Danio rerio</i>) exposed to 3, 3,4,4-trichlorobiphenyl (TCB), 4,4'-dichlorobiphenyl (DCB), 5-pentachlorobiphenyl (PCB 126). <i>Environmental Epigenetics</i> , 2018, 4, dvy005.	0.9	19
17	The Role of DNA Methylation Reprogramming During Sex Determination and Transition in Zebrafish. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 48-63.	3.0	17
18	Structure-Activity Relationship of SPOP Inhibitors against Kidney Cancer. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4849-4866.	2.9	16

#	ARTICLE	IF	CITATIONS
19	Programming and Inheritance of Parental DNA Methylomes in Vertebrates. <i>Physiology</i> , 2015, 30, 63-68.	1.6	14
20	Comparison of chromatin accessibility landscapes during early development of prefrontal cortex between rhesus macaque and human. <i>Nature Communications</i> , 2022, 13, .	5.8	7