

Xiao-Yu Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,869
citations

623734

14
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2616
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct features of H3K4me3 and H3K27me3 chromatin domains in pre-implantation embryos. <i>Nature</i> , 2016, 537, 558-562.	27.8	538
2	Reprogramming of H3K9me3-dependent heterochromatin during mammalian embryo development. <i>Nature Cell Biology</i> , 2018, 20, 620-631.	10.3	292
3	Identification of key factors conquering developmental arrest of somatic cell cloned embryos by combining embryo biopsy and single-cell sequencing. <i>Cell Discovery</i> , 2016, 2, 16010.	6.7	165
4	Protein Expression Landscape of Mouse Embryos during Pre-implantation Development. <i>Cell Reports</i> , 2017, 21, 3957-3969.	6.4	135
5	SIRT6 Controls Hematopoietic Stem Cell Homeostasis through Epigenetic Regulation of Wnt Signaling. <i>Cell Stem Cell</i> , 2016, 18, 495-507.	11.1	117
6	Insights into epigenetic patterns in mammalian early embryos. <i>Protein and Cell</i> , 2021, 12, 7-28.	11.0	99
7	Endoplasmic Reticulum Stress Sensor Protein Kinase Like Endoplasmic Reticulum Kinase (PERK) Protects Against Pressure Overload Induced Heart Failure and Lung Remodeling. <i>Hypertension</i> , 2014, 64, 738-744.	2.7	86
8	Inhibition of Aberrant DNA Re-methylation Improves Post-implantation Development of Somatic Cell Nuclear Transfer Embryos. <i>Cell Stem Cell</i> , 2018, 23, 426-435.e5.	11.1	72
9	Heterochromatin establishment during early mammalian development is regulated by pericentromeric RNA and characterized by non-repressive H3K9me3. <i>Nature Cell Biology</i> , 2020, 22, 767-778.	10.3	71
10	Effect of asymmetric dimethylarginine (ADMA) on heart failure development. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 54, 73-81.	2.7	45
11	Chromatin architecture reorganization in murine somatic cell nuclear transfer embryos. <i>Nature Communications</i> , 2020, 11, 1813.	12.8	43
12	Stage-specific H3K9me3 occupancy ensures retrotransposon silencing in human pre-implantation embryos. <i>Cell Stem Cell</i> , 2022, 29, 1051-1066.e8.	11.1	37
13	PRC2 and EHMT1 regulate H3K27me2 and H3K27me3 establishment across the zygote genome. <i>Nature Communications</i> , 2020, 11, 6354.	12.8	36
14	Dcaf11 activates Zscan4-mediated alternative telomere lengthening in early embryos and embryonic stem cells. <i>Cell Stem Cell</i> , 2021, 28, 732-747.e9.	11.1	30
15	Unique Patterns of H3K4me3 and H3K27me3 in 2-Cell-like Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 458-469.	4.8	18
16	WEE1 inhibitor and ataxia telangiectasia and RAD3 related inhibitor trigger stimulator of interferon gene dependent immune response and enhance tumor treatment efficacy through programmed death ligand 1 blockade. <i>Cancer Science</i> , 2021, 112, 4444-4456.	3.9	17
17	Histone variant H3.3 maintains adult haematopoietic stem cell homeostasis by enforcing chromatin adaptability. <i>Nature Cell Biology</i> , 2022, 24, 99-111.	10.3	17
18	Advance in the Role of Epigenetic Reprogramming in Somatic Cell Nuclear Transfer-Mediated Embryonic Development. <i>Stem Cells International</i> , 2021, 2021, 1-13.	2.5	14

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19	Dynamic nucleosome organization after fertilization reveals regulatory factors for mouse zygotic genome activation. <i>Cell Research</i> , 2022, 32, 801-813.	12.0	14
20	Regulation of DDAH1 as a Potential Therapeutic Target for Treating Cardiovascular Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-6.	1.2	10
21	High throughput sequencing identifies an imprinted gene, Grb10, associated with the pluripotency state in nuclear transfer embryonic stem cells. <i>Oncotarget</i> , 2017, 8, 47344-47355.	1.8	5
22	Aberrant nucleosome organization in mouse SCNT embryos revealed by ULI-MNase-seq. <i>Stem Cell Reports</i> , 2022, 17, 1730-1742.	4.8	3