

Chenfei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,834
citations

567281

15
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

3069
citing authors

#	ARTICLE	IF	CITATIONS
1	STRIDE: accurately decomposing and integrating spatial transcriptomics using single-cell RNA sequencing. <i>Nucleic Acids Research</i> , 2022, 50, e42-e42.	14.5	41
2	Dynamic nucleosome organization after fertilization reveals regulatory factors for mouse zygotic genome activation. <i>Cell Research</i> , 2022, 32, 801-813.	12.0	14
3	Allele-specific H3K9me3 and DNA methylation co-marked CpG-rich regions serve as potential imprinting control regions in pre-implantation embryo. <i>Nature Cell Biology</i> , 2022, 24, 783-792.	10.3	14
4	Single-cell analyses highlight the proinflammatory contribution of C1q-high monocytes to Behçet's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	35
5	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
6	TISCH: a comprehensive web resource enabling interactive single-cell transcriptome visualization of tumor microenvironment. <i>Nucleic Acids Research</i> , 2021, 49, D1420-D1430.	14.5	481
7	A single-cell and spatially resolved atlas of human breast cancers. <i>Nature Genetics</i> , 2021, 53, 1334-1347.	21.4	535
8	Stromal cell diversity associated with immune evasion in human triple-negative breast cancer. <i>EMBO Journal</i> , 2020, 39, e104063.	7.8	224
9	Integrative analyses of single-cell transcriptome and regulome using MAESTRO. <i>Genome Biology</i> , 2020, 21, 198.	8.8	126
10	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
11	Reprogramming of H3K9me3-dependent heterochromatin during mammalian embryo development. <i>Nature Cell Biology</i> , 2018, 20, 620-631.	10.3	292
12	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
13	Maternal Sall4 Is Indispensable for Epigenetic Maturation of Mouse Oocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 1798-1807.	3.4	37
14	Direct induction of neural progenitor cells transiently passes through a partially reprogrammed state. <i>Biomaterials</i> , 2017, 119, 53-67.	11.4	10
15	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
16	Distinct features of H3K4me3 and H3K27me3 chromatin domains in pre-implantation embryos. <i>Nature</i> , 2016, 537, 558-562.	27.8	538
17	LSD1 co-repressor Rcor2 orchestrates neurogenesis in the developing mouse brain. <i>Nature Communications</i> , 2016, 7, 10481.	12.8	51
18	Canonical nucleosome organization at promoters forms during genome activation. <i>Genome Research</i> , 2014, 24, 260-266.	5.5	87