

Xinglong Wu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

6,280
citations

393982

19
h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

9924
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell RNA-Seq profiling of human preimplantation embryos and embryonic stem cells. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1131-1139.	3.6	1,416
2	The DNA methylation landscape of human early embryos. <i>Nature</i> , 2014, 511, 606-610.	13.7	787
3	Single-cell triple omics sequencing reveals genetic, epigenetic, and transcriptomic heterogeneity in hepatocellular carcinomas. <i>Cell Research</i> , 2016, 26, 304-319.	5.7	492
4	Single-cell methylome landscapes of mouse embryonic stem cells and early embryos analyzed using reduced representation bisulfite sequencing. <i>Genome Research</i> , 2013, 23, 2126-2135.	2.4	439
5	Single-Cell RNA-Seq Analysis Maps Development of Human Germline Cells and Gonadal Niche Interactions. <i>Cell Stem Cell</i> , 2017, 20, 858-873.e4.	5.2	376
6	Single-cell RNA-seq transcriptome analysis of linear and circular RNAs in mouse preimplantation embryos. <i>Genome Biology</i> , 2015, 16, 148.	13.9	369
7	Single-Cell Transcriptome Analysis Maps the Developmental Track of the Human Heart. <i>Cell Reports</i> , 2019, 26, 1934-1950.e5.	2.9	355
8	Active and Passive Demethylation of Male and Female Pronuclear DNA in the Mammalian Zygote. <i>Cell Stem Cell</i> , 2014, 15, 447-459.	5.2	311
9	Single-cell multi-omics sequencing of mouse early embryos and embryonic stem cells. <i>Cell Research</i> , 2017, 27, 967-988.	5.7	281
10	Microfluidic single-cell whole-transcriptome sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7048-7053.	3.3	259
11	Whole-genome analysis of 5-hydroxymethylcytosine and 5-methylcytosine at base resolution in the human brain. <i>Genome Biology</i> , 2014, 15, R49.	13.9	232
12	Single-cell RNA-seq analysis unveils a prevalent epithelial/mesenchymal hybrid state during mouse organogenesis. <i>Genome Biology</i> , 2018, 19, 31.	3.8	153
13	Profiling DNA methylome landscapes of mammalian cells with single-cell reduced-representation bisulfite sequencing. <i>Nature Protocols</i> , 2015, 10, 645-659.	5.5	152
14	Single-Cell 5-Formylcytosine Landscapes of Mammalian Early Embryos and ESCs at Single-Base Resolution. <i>Cell Stem Cell</i> , 2017, 20, 720-731.e5.	5.2	135
15	Tracing the temporal-spatial transcriptome landscapes of the human fetal digestive tract using single-cell RNA-sequencing. <i>Nature Cell Biology</i> , 2018, 20, 721-734.	4.6	125
16	Surveying brain tumor heterogeneity by single-cell RNA-sequencing of multi-sector biopsies. <i>National Science Review</i> , 2020, 7, 1306-1318.	4.6	84
17	Heterogeneity of glial progenitor cells during the neurogenesis-to-gliogenesis switch in the developing human cerebral cortex. <i>Cell Reports</i> , 2021, 34, 108788.	2.9	55
18	Genomic and transcriptomic profiling of carcinogenesis in patients with familial adenomatous polyposis. <i>Gut</i> , 2020, 69, 1283-1293.	6.1	36

#	ARTICLE	IF	CITATIONS
19	Dissecting the epigenomic dynamics of human fetal germ cell development at single-cell resolution. <i>Cell Research</i> , 2021, 31, 463-477.	5.7	28
20	Integrated single-cell multiomics analysis reveals novel candidate markers for prognosis in human pancreatic ductal adenocarcinoma. <i>Cell Discovery</i> , 2022, 8, 13.	3.1	23
21	Rho kinase inhibitor Y-27632 and Accutase dramatically increase mouse embryonic stem cell derivation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2012, 48, 30-36.	0.7	22
22	H3K4me3 epigenomic landscape derived from ChIP-Seq of 1 000 mouse early embryonic cells. <i>Cell Research</i> , 2015, 25, 143-147.	5.7	19
23	MR-seq: measuring a single cell's transcriptome repeatedly by RNA-seq. <i>Science Bulletin</i> , 2017, 62, 391-398.	4.3	8
24	5-Formylcytosine landscapes of human preimplantation embryos at single-cell resolution. <i>PLoS Biology</i> , 2020, 18, e3000799.	2.6	8
25	Effects of Intrauterine Air Bubbles on Embryonic Development in Mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2019, 58, 7-15.	0.6	0