

Ji Dong

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,252
citations

394286

19
h-index

552653

26
g-index

26
all docs

26
docs citations

26
times ranked

6348
citing authors

#	ARTICLE	IF	CITATIONS
1	A single-cell RNA-seq survey of the developmental landscape of the human prefrontal cortex. <i>Nature</i> , 2018, 555, 524-528.	13.7	551
2	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
3	Single-Cell Transcriptome Analysis Maps the Developmental Track of the Human Heart. <i>Cell Reports</i> , 2019, 26, 1934-1950.e5.	2.9	355
4	Single-Cell RNA Sequencing Analysis Reveals Sequential Cell Fate Transition during Human Spermatogenesis. <i>Cell Stem Cell</i> , 2018, 23, 599-614.e4.	5.2	309
5	Single-cell multiomics sequencing and analyses of human colorectal cancer. <i>Science</i> , 2018, 362, 1060-1063.	6.0	256
6	Single-cell DNA methylome sequencing of human preimplantation embryos. <i>Nature Genetics</i> , 2018, 50, 12-19.	9.4	248
7	Spatial transcriptomic survey of human embryonic cerebral cortex by single-cell RNA-seq analysis. <i>Cell Research</i> , 2018, 28, 730-745.	5.7	179
8	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
9	Dissecting the transcriptome landscape of the human fetal neural retina and retinal pigment epithelium by single-cell RNA-seq analysis. <i>PLoS Biology</i> , 2019, 17, e3000365.	2.6	108
10	DNA methylation and chromatin accessibility profiling of mouse and human fetal germ cells. <i>Cell Research</i> , 2017, 27, 165-183.	5.7	102
11	Embryonic endothelial evolution towards first hematopoietic stem cells revealed by single-cell transcriptomic and functional analyses. <i>Cell Research</i> , 2020, 30, 376-392.	5.7	89
12	Single-cell transcriptome analysis reveals cell lineage specification in temporal-spatial patterns in human cortical development. <i>Science Advances</i> , 2020, 6, eaaz2978.	4.7	88
13	In vitro differentiation of human embryonic stem cells into ovarian follicle-like cells. <i>Nature Communications</i> , 2017, 8, 15680.	5.8	82
14	Differentiation of transplanted haematopoietic stem cells tracked by single-cell transcriptomic analysis. <i>Nature Cell Biology</i> , 2020, 22, 630-639.	4.6	65
15	TGF- β 1 Negatively Regulates the Number and Function of Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 274-287.	2.3	39
16	Circulating re-entrant waves promote maturation of hiPSC-derived cardiomyocytes in self-organized tissue ring. <i>Communications Biology</i> , 2020, 3, 122.	2.0	32
17	Cell-fate transition and determination analysis of mouse male germ cells throughout development. <i>Nature Communications</i> , 2021, 12, 6839.	5.8	31
18	Heterogeneity in endothelial cells and widespread venous arterialization during early vascular development in mammals. <i>Cell Research</i> , 2022, 32, 333-348.	5.7	30

#	ARTICLE	IF	CITATIONS
19	Distinct enhancer signatures in the mouse gastrula delineate progressive cell fate continuum during embryo development. <i>Cell Research</i> , 2019, 29, 911-926.	5.7	16
20	Heteroplasmy and Ancient Translocation of Mitochondrial DNA to the Nucleus in the Chinese Horseshoe Bat (<i>Rhinolophus sinicus</i>) Complex. <i>PLoS ONE</i> , 2014, 9, e98035.	1.1	9
21	Single-cell analyses identify distinct and intermediate states of zebrafish pancreatic islet development. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 435-447.	1.5	9
22	Repetitive transpositions of mitochondrial DNA sequences to the nucleus during the radiation of horseshoe bats (<i>Rhinolophus</i> , Chiroptera). <i>Gene</i> , 2016, 581, 161-169.	1.0	8
23	Integrating single-cell datasets with ambiguous batch information by incorporating molecular network features. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	5
24	Introgression of mitochondrial DNA promoted by natural selection in the Japanese pipistrelle bat (<i>Pipistrellus abramus</i>). <i>Genetica</i> , 2014, 142, 483-494.	0.5	4
25	The complete mitochondrial genome of a Chinese rufous horseshoe bat subspecies, <i>Rhinolophus sinicus sinicus</i> (Chiroptera: Rhinolophidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3301-3302.	0.7	4