

Xianmin Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

950
citations

566801

15
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

1888
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous profiling of transcriptome and DNA methylome from a single cell. <i>Genome Biology</i> , 2016, 17, 88.	3.8	235
2	Single-cell RNA-seq reveals distinct injury responses in different types of DRG sensory neurons. <i>Scientific Reports</i> , 2016, 6, 31851.	1.6	133
3	Single-cell RNA sequencing reveals heterogeneous tumor and immune cell populations in early-stage lung adenocarcinomas harboring EGFR mutations. <i>Oncogene</i> , 2021, 40, 355-368.	2.6	115
4	Single-cell RNA sequencing reveals regulatory mechanism for trophoblast cell-fate divergence in human peri-implantation conceptuses. <i>PLoS Biology</i> , 2019, 17, e3000187.	2.6	60
5	Highly parallel assays of tissue-specific enhancers in whole <i>Drosophila</i> embryos. <i>Nature Methods</i> , 2013, 10, 774-780.	9.0	55
6	Microarray Analysis Uncovers a Role for Tip60 in Nervous System Function and General Metabolism. <i>PLoS ONE</i> , 2011, 6, e18412.	1.1	45
7	Recent advances in preimplantation genetic diagnosis and screening. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1129-1134.	1.2	36
8	Wogonoside Shows Antifibrotic Effects in an Experimental Regression Model of Hepatic Fibrosis. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3329-3339.	1.1	33
9	Differential regulation of mesodermal gene expression by <i>Drosophila</i> cell type-specific Forkhead transcription factors. <i>Development (Cambridge)</i> , 2012, 139, 1457-1466.	1.2	32
10	Machine learning classification of cell-specific cardiac enhancers uncovers developmental subnetworks regulating progenitor cell division and cell fate specification. <i>Development (Cambridge)</i> , 2014, 141, 878-888.	1.2	30
11	Cav1.2 of L-type Calcium Channel Is a Key Factor for the Differentiation of Dental Pulp Stem Cells. <i>Journal of Endodontics</i> , 2015, 41, 1048-1055.	1.4	28
12	Integrated transcriptome analysis of human iPS cells derived from a fragile X syndrome patient during neuronal differentiation. <i>Science China Life Sciences</i> , 2016, 59, 1093-1105.	2.3	28
13	The Cloning and Characterization of the Histone Acetyltransferase Human Homolog DmelTIP60 in <i>Drosophila melanogaster</i> : DmelTIP60 Is Essential for Multicellular Development. <i>Genetics</i> , 2007, 175, 1229-1240.	1.2	27
14	A novel immunodeficient rat model supports human lung cancer xenografts. <i>FASEB Journal</i> , 2019, 33, 140-150.	0.2	25
15	Integrated Analysis of DNA Methylation and RNA Transcriptome during In Vitro Differentiation of Human Pluripotent Stem Cells into Retinal Pigment Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e91416.	1.1	19
16	Generation and characterization of a hypothyroidism rat model with truncated thyroid stimulating hormone receptor. <i>Scientific Reports</i> , 2018, 8, 4004.	1.6	13
17	Pilot study using tacrolimus rather than cyclosporine plus antithymocyte globulin as an immunosuppressive therapy regimen option for severe aplastic anemia in adults. <i>Blood Cells, Molecules, and Diseases</i> , 2014, 53, 157-160.	0.6	9
18	The 14th Ile residue is essential for Leptin function in regulating energy homeostasis in rat. <i>Scientific Reports</i> , 2016, 6, 28508.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Single-cell analysis of nonhuman primate preimplantation development in comparison to humans and mice. <i>Developmental Dynamics</i> , 2021, 250, 974-985.	0.8	9
20	Characterizing disease progression of nonalcoholic steatohepatitis in <i>Leptin</i> -deficient rats by integrated transcriptome analysis. <i>Experimental Biology and Medicine</i> , 2021, 246, 678-687.	1.1	5
21	Single-cell genomics: An overview. <i>Frontiers in Biology</i> , 2013, 8, 569-576.	0.7	3