

Lin Lin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,854
citations

759055

12
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

4353
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell Transcriptome Atlas of Murine Endothelial Cells. <i>Cell</i> , 2020, 180, 764-779.e20.	13.5	755
2	Inactivation of porcine endogenous retrovirus in pigs using CRISPR-Cas9. <i>Science</i> , 2017, 357, 1303-1307.	6.0	570
3	An atlas of the protein-coding genes in the human, pig, and mouse brain. <i>Science</i> , 2020, 367, .	6.0	517
4	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. <i>Cancer Cell</i> , 2020, 37, 21-36.e13.	7.7	253
5	Chromatin accessibility and guide sequence secondary structure affect CRISPR-Cas9 gene editing efficiency. <i>FEBS Letters</i> , 2017, 591, 1892-1901.	1.3	175
6	Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis. <i>Cell Metabolism</i> , 2020, 31, 862-877.e14.	7.2	169
7	Single-Cell RNA Sequencing Reveals Renal Endothelium Heterogeneity and Metabolic Adaptation to Water Deprivation. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 118-138.	3.0	117
8	Enhancing CRISPR-Cas9 gRNA efficiency prediction by data integration and deep learning. <i>Nature Communications</i> , 2021, 12, 3238.	5.8	81
9	Human skeletal muscle CD90+ fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients. <i>Cell Metabolism</i> , 2021, 33, 2201-2214.e10.	7.2	54
10	CRISPR-C: circularization of genes and chromosome by CRISPR in human cells. <i>Nucleic Acids Research</i> , 2018, 46, e131.	6.5	39
11	In Vitro Differentiation of Human Neural Progenitor Cells Into Striatal GABAergic Neurons. <i>Stem Cells Translational Medicine</i> , 2015, 4, 775-788.	1.6	35
12	Endothelial cell heterogeneity and microglia regulons revealed by a pig cell landscape at single-cell level. <i>Nature Communications</i> , 2022, 13, .	5.8	22
13	Efficient correction of Duchenne muscular dystrophy mutations by SpCas9 and dual gRNAs. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 403-415.	2.3	17
14	Genome-wide annotation of protein-coding genes in pig. <i>BMC Biology</i> , 2022, 20, 25.	1.7	14
15	Massively targeted evaluation of therapeutic CRISPR off-targets in cells. <i>Nature Communications</i> , 2022, 13, .	5.8	11
16	Haplotyping by CRISPR-mediated DNA circularization (CRISPR-hapC) broadens allele-specific gene editing. <i>Nucleic Acids Research</i> , 2020, 48, e25-e25.	6.5	8
17	Tracking CRISPR's Footprints. <i>Methods in Molecular Biology</i> , 2019, 1961, 13-28.	0.4	7
18	A porcine brain-wide RNA editing landscape. <i>Communications Biology</i> , 2021, 4, 717.	2.0	5

#	ARTICLE	IF	CITATIONS
19	LION: a simple and rapid method to achieve CRISPR gene editing. Cellular and Molecular Life Sciences, 2019, 76, 2633-2645.	2.4	3