

Puping Liang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,540
citations

13
h-index

38
g-index

38
ext. papers

2,023
ext. citations

8.9
avg, IF

4.33
L-index

#	Paper	IF	Citations
34	CRISPR/Cas9-mediated gene editing in human tripronuclear zygotes. <i>Protein and Cell</i> , 2015 , 6, 363-372	7.2	713
33	TRIM14 Inhibits cGAS Degradation Mediated by Selective Autophagy Receptor p62 to Promote Innate Immune Responses. <i>Molecular Cell</i> , 2016 , 64, 105-119	17.6	175
32	Correction of β -thalassemia mutant by base editor in human embryos. <i>Protein and Cell</i> , 2017 , 8, 811-822	7.2	141
31	Genome-wide profiling of adenine base editor specificity by EndoV-seq. <i>Nature Communications</i> , 2019 , 10, 67	17.4	66
30	Effective gene editing by high-fidelity base editor 2 in mouse zygotes. <i>Protein and Cell</i> , 2017 , 8, 601-611	7.2	57
29	mA RNA modification controls autophagy through upregulating ULK1 protein abundance. <i>Cell Research</i> , 2018 , 28, 955-957	24.7	48
28	Telomere regulation in pluripotent stem cells. <i>Protein and Cell</i> , 2014 , 5, 194-202	7.2	43
27	Efficient Production of Gene-Modified Mice using Staphylococcus aureus Cas9. <i>Scientific Reports</i> , 2016 , 6, 32565	4.9	24
26	Effective and precise adenine base editing in mouse zygotes. <i>Protein and Cell</i> , 2018 , 9, 808-813	7.2	21
25	Repurposing type I-F CRISPR-Cas system as a transcriptional activation tool in human cells. <i>Nature Communications</i> , 2020 , 11, 3136	17.4	17
24	Glycerol kinase-like proteins cooperate with Pld6 in regulating sperm mitochondrial sheath formation and male fertility. <i>Cell Discovery</i> , 2017 , 3, 17030	22.3	17
23	USP19 suppresses inflammation and promotes M2-like macrophage polarization by manipulating NLRP3 function via autophagy. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 2431-2442	15.4	14
22	Development of Highly Efficient Dual-AAV Split Adenosine Base Editor for In Vivo Gene Therapy. <i>Small Methods</i> , 2020 , 4, 2000309	12.8	12
21	CRISPR/Cas9 Technology Targeting Fas Gene Protects Mice From Concanavalin-A Induced Fulminant Hepatic Failure. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 530-536	4.7	12
20	TRIM14 Promotes Noncanonical NF- κ B Activation by Modulating p100/p52 Stability via Selective Autophagy. <i>Advanced Science</i> , 2020 , 7, 1901261	13.6	12
19	Dual-AAV delivering split prime editor system for in vivo genome editing. <i>Molecular Therapy</i> , 2021 ,	11.7	11
18	Melatonin ameliorates necrotizing enterocolitis by preventing Th17/Treg imbalance through activation of the AMPK/SIRT1 pathway. <i>Theranostics</i> , 2020 , 10, 7730-7746	12.1	9

17	CRISPR/Cas9 Promotes Functional Study of Testis Specific X-Linked Gene In Vivo. <i>PLoS ONE</i> , 2015 , 10, e0143148	3.7	8
16	USP38 Couples Histone Ubiquitination and Methylation via KDM5B to Resolve Inflammation. <i>Advanced Science</i> , 2020 , 7, 2002680	13.6	8
15	Developmental history and application of CRISPR in human disease. <i>Journal of Gene Medicine</i> , 2017 , 19, e2963	3.5	6
14	Production of non-mosaic genome edited porcine embryos by injection of CRISPR/Cas9 into germinal vesicle oocytes. <i>Journal of Genetics and Genomics</i> , 2019 , 46, 335-342	4	6
13	Single AAV-Mediated CRISPR-SaCas9 Inhibits HSV-1 Replication by Editing ICP4 in Trigeminal Ganglion Neurons. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 18, 33-43	6.4	6
12	pgRNAFinder: a web-based tool to design distance independent paired-gRNA. <i>Bioinformatics</i> , 2017 , 33, 3642-3644	7.2	5
11	HBB-deficient Macaca fascicularis monkey presents with human β -thalassemia. <i>Protein and Cell</i> , 2019 , 10, 538-542	7.2	4
10	Homology-based repair induced by CRISPR-Cas nucleases in mammalian embryo genome editing. <i>Protein and Cell</i> , 2021 , 1	7.2	3
9	Ccndbp1 is a new positive regulator of skeletal myogenesis. <i>Journal of Cell Science</i> , 2016 , 129, 2767-77	5.3	3
8	Effective generation of maternal genome point mutated porcine embryos by injection of cytosine base editor into germinal vesicle oocytes. <i>Science China Life Sciences</i> , 2020 , 63, 996-1005	8.5	2
7	Cost-effective generation of A-to-G mutant mice by zygote electroporation of adenine base editor ribonucleoproteins. <i>Journal of Genetics and Genomics</i> , 2020 , 47, 337-340	4	2
6	Single AAV-mediated CRISPR-Nme2Cas9 efficiently reduces mutant hTTR expression in a transgenic mouse model of transthyretin amyloidosis. <i>Molecular Therapy</i> , 2021 ,	11.7	2
5	Off-target effects of cytidine base editor and adenine base editor: What can we do?. <i>Journal of Genetics and Genomics</i> , 2019 , 46, 509-512	4	2
4	A novel undifferentiated spermatogonia-specific surface protein 1 (USSP1) in neonatal mice. <i>Science Bulletin</i> , 2019 , 64, 524-533	10.6	1
3	Benzo[a]pyrene promotes progression in tongue squamous cell carcinoma. <i>Oral Diseases</i> , 2020 , 26, 1649-1658	3.5	1
2	Testis-specific Lypd9 is dispensable for spermatogenesis in mouse. <i>Molecular Reproduction and Development</i> , 2018 , 85, 87-89	2.6	1
1	Ccndbp1 is a new positive regulator of skeletal myogenesis. <i>Development (Cambridge)</i> , 2016 , 143, e1.1-e1.6	6.6	0