

Jie Xu

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,294
citations

566801

15
h-index

433756

31
g-index

41
all docs

41
docs citations

41
times ranked

2207
citing authors

#	ARTICLE	IF	CITATIONS
1	The sodium/glucose cotransporters as potential therapeutic targets for CF lung diseases revealed by human lung organoid swelling assay. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 11-19.	1.8	10
2	Effects of Recloning on the Telomere Lengths of Mouse <i>Terc</i> ^{+/+} Nuclear Transfer-Derived Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2022, 31, 720-729.	1.1	1
3	Recent Advances in Improving Gene-Editing Specificity through CRISPR-Cas9 Nuclease Engineering. <i>Cells</i> , 2022, 11, 2186.	1.8	25
4	Human apolipoprotein A-II reduces atherosclerosis in knock-in rabbits. <i>Atherosclerosis</i> , 2021, 316, 32-40.	0.4	18
5	Lipid-based vaccine nanoparticles for induction of humoral immune responses against HIV-1 and SARS-CoV-2. <i>Journal of Controlled Release</i> , 2021, 330, 529-539.	4.8	31
6	Effects of Survival Motor Neuron Protein on Germ Cell Development in Mouse and Human. <i>International Journal of Molecular Sciences</i> , 2021, 22, 661.	1.8	0
7	Genome engineering technologies in rabbits. <i>Journal of Biomedical Research</i> , 2021, 35, 135.	0.7	7
8	Intestinal Dysbiosis in Young Cystic Fibrosis Rabbits. <i>Journal of Personalized Medicine</i> , 2021, 11, 132.	1.1	6
9	Genomic insights into the host specific adaptation of the <i>Pneumocystis</i> genus. <i>Communications Biology</i> , 2021, 4, 305.	2.0	23
10	Improving the genome assembly of rabbits with long-read sequencing. <i>Genomics</i> , 2021, 113, 3216-3223.	1.3	7
11	Phenotypes of CF rabbits generated by CRISPR/Cas9-mediated disruption of the <i>CFTR</i> gene. <i>JCI Insight</i> , 2021, 6, .	2.3	20
12	Gene Editing in Rabbits: Unique Opportunities for Translational Biomedical Research. <i>Frontiers in Genetics</i> , 2021, 12, 642444.	1.1	7
13	Gene editing therapy ready for cardiovascular diseases: opportunities, challenges, and perspectives. <i>Medical Review</i> , 2021, 1, 6-9.	0.3	4
14	MiCas9 increases large size gene knock-in rates and reduces undesirable on-target and off-target indel edits. <i>Nature Communications</i> , 2020, 11, 6082.	5.8	25
15	Immunodeficient Rabbit Models: History, Current Status and Future Perspectives. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7369.	1.3	1
16	Myeloid <i>CFTR</i> loss-of-function causes persistent neutrophilic inflammation in cystic fibrosis. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1777-1785.	1.5	11
17	CRISPR/Cas9-Mediated <i>TERT</i> Disruption in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 653.	1.8	18
18	Survival Motor Neuron Protein Participates in Mouse Germ Cell Development and Spermatogonium Maintenance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 794.	1.8	7

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19	Diversity and Complexity of the Large Surface Protein Family in the Compacted Genomes of Multiple <i>Pneumocystis</i> Species. <i>MBio</i> , 2020, 11, .	1.8	11
20	Production of CFTR ^{ΔF508} Rabbits. <i>Frontiers in Genetics</i> , 2020, 11, 627666.	1.1	7
21	CRISPR/Cas9 Ribonucleoprotein-mediated Precise Gene Editing by Tube Electroporation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	4
22	Compromised Chondrocyte Differentiation Capacity in TERC Knockout Mouse Embryonic Stem Cells Derived by Somatic Cell Nuclear Transfer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1236.	1.8	6
23	Efficient Gene Editing at Major CFTR Mutation Loci. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 73-81.	2.3	60
24	Generation of Rabbit Models by Gene Editing Nucleases. <i>Methods in Molecular Biology</i> , 2019, 1874, 327-345.	0.4	13
25	Efficient homology-directed gene editing by CRISPR/Cas9 in human stem and primary cells using tube electroporation. <i>Scientific Reports</i> , 2018, 8, 11649.	1.6	53
26	Bacterial and <i>Pneumocystis</i> Infections in the Lungs of Gene-Knockout Rabbits with Severe Combined Immunodeficiency. <i>Frontiers in Immunology</i> , 2018, 9, 429.	2.2	17
27	Multimodal laser-based angioscopy for structural, chemical and biological imaging of atherosclerosis. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	38
28	Genome editing in livestock: Are we ready for a revolution in animal breeding industry?. <i>Transgenic Research</i> , 2017, 26, 715-726.	1.3	67
29	Production of immunodeficient rabbits by multiplex embryo transfer and multiplex gene targeting. <i>Scientific Reports</i> , 2017, 7, 12202.	1.6	35
30	Production of Live Offspring from Vitrified-Warmed Oocytes Collected at Metaphase I Stage. <i>PLoS ONE</i> , 2016, 11, e0157785.	1.1	1
31	Identification and characterization of rabbit ROSA26 for gene knock-in and stable reporter gene expression. <i>Scientific Reports</i> , 2016, 6, 25161.	1.6	44
32	Hyperlipidemia-associated gene variations and expression patterns revealed by whole-genome and transcriptome sequencing of rabbit models. <i>Scientific Reports</i> , 2016, 6, 26942.	1.6	24
33	RS-1 enhances CRISPR/Cas9- and TALEN-mediated knock-in efficiency. <i>Nature Communications</i> , 2016, 7, 10548.	5.8	346
34	Derivation of Patient Specific Pluripotent Stem Cells Using Clinically Discarded Cumulus Cells. <i>PLoS ONE</i> , 2016, 11, e0165715.	1.1	2
35	Rabbit models for the study of human atherosclerosis: From pathophysiological mechanisms to translational medicine. , 2015, 146, 104-119.		259
36	SMN is required for the maintenance of embryonic stem cells and neuronal differentiation in mice. <i>Brain Structure and Function</i> , 2015, 220, 1539-1553.	1.2	14

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37	Telomere Elongation and Naive Pluripotent Stem Cells Achieved from Telomerase Haplo-Insufficient Cells by Somatic Cell Nuclear Transfer. <i>Cell Reports</i> , 2014, 9, 1603-1609.	2.9	14
38	Recombinant Rabbit Leukemia Inhibitory Factor and Rabbit Embryonic Fibroblasts Support the Derivation and Maintenance of Rabbit Embryonic Stem Cells. <i>Cellular Reprogramming</i> , 2012, 14, 364-376.	0.5	16
39	Efficient Derivation of Embryonic Stem Cells from Nuclear Transfer and Parthenogenetic Embryos Derived from Cryopreserved Oocytes. <i>Cellular Reprogramming</i> , 2010, 12, 203-211.	0.5	18
40	Beneficial Effect of Young Oocytes for Rabbit Somatic Cell Nuclear Transfer. <i>Cloning and Stem Cells</i> , 2009, 11, 131-140.	2.6	24