

Jun Song

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,453
citations

331538

21
h-index

223716

46
g-index

53
all docs

53
docs citations

53
times ranked

4432
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide CRISPR Screen in a Mouse Model of Tumor Growth and Metastasis. <i>Cell</i> , 2015, 160, 1246-1260.	13.5	746
2	RS-1 enhances CRISPR/Cas9- and TALEN-mediated knock-in efficiency. <i>Nature Communications</i> , 2016, 7, 10548.	5.8	346
3	Generation of PPAR α mono-allelic knockout pigs via zinc-finger nucleases and nuclear transfer cloning. <i>Cell Research</i> , 2011, 21, 979-982.	5.7	128
4	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	122
5	RAG1/2 Knockout Pigs with Severe Combined Immunodeficiency. <i>Journal of Immunology</i> , 2014, 193, 1496-1503.	0.4	82
6	Digital diffraction analysis enables low-cost molecular diagnostics on a smartphone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5613-5618.	3.3	80
7	Rosa26-targeted swine models for stable gene over-expression and Cre-mediated lineage tracing. <i>Cell Research</i> , 2014, 24, 501-504.	5.7	77
8	Highly Efficient Generation of GGTA1 Biallelic Knockout Inbred Mini-Pigs with TALENs. <i>PLoS ONE</i> , 2013, 8, e84250.	1.1	76
9	Generation of RAG 1- and 2-deficient rabbits by embryo microinjection of TALENs. <i>Cell Research</i> , 2013, 23, 1059-1062.	5.7	69
10	Use of the 2A Peptide for Generation of Multi-Transgenic Pigs through a Single Round of Nuclear Transfer. <i>PLoS ONE</i> , 2011, 6, e19986.	1.1	69
11	Deficiency of Cholesteryl Ester Transfer Protein Protects Against Atherosclerosis in Rabbits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1068-1075.	1.1	47
12	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
13	Melatonin induces the apoptosis and inhibits the proliferation of human gastric cancer cells via blockade of the AKT/MDM2 pathway. <i>Oncology Reports</i> , 2018, 39, 1975-1983.	1.2	41
14	Production of immunodeficient rabbits by multiplex embryo transfer and multiplex gene targeting. <i>Scientific Reports</i> , 2017, 7, 12202.	1.6	35
15	Generation of knockout rabbits using transcription activator-like effector nucleases. <i>Cell Regeneration</i> , 2014, 3, 3:3.	1.1	34
16	Increased HERV-E clone 4 α 1 expression contributes to DNA hypomethylation and IL-17 release from CD4 $^{+}$ T cells via miR-302d/MBD2 in systemic lupus erythematosus. <i>Cell Communication and Signaling</i> , 2019, 17, 94.	2.7	31
17	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
18	Sparsity-Based Pixel Super Resolution for Lens-Free Digital In-line Holography. <i>Scientific Reports</i> , 2016, 6, 24681.	1.6	29

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19	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
20	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
21	Genomic insights into the host specific adaptation of the <i>Pneumocystis</i> genus. <i>Communications Biology</i> , 2021, 4, 305.	2.0	23
22	Green fluorescent protein (GFP) transgenic pig produced by somatic cell nuclear transfer. <i>Science Bulletin</i> , 2008, 53, 1035-1039.	4.3	21
23	Phenotypes of CF rabbits generated by CRISPR/Cas9-mediated disruption of the CFTR gene. <i>JCI Insight</i> , 2021, 6, .	2.3	20
24	Effect of Donor Cell Type on Nuclear Remodelling in Rabbit Somatic Cell Nuclear Transfer Embryos. <i>Reproduction in Domestic Animals</i> , 2012, 47, 544-552.	0.6	19
25	Downregulation of exosomal miR-200c derived from keratinocytes in vitiligo lesions suppresses melanogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12164-12175.	1.6	18
26	CRISPR/Cas9-Mediated TERT Disruption in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 653.	1.8	18
27	Human apolipoprotein A-II reduces atherosclerosis in knock-in rabbits. <i>Atherosclerosis</i> , 2021, 316, 32-40.	0.4	18
28	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
29	Home vs hospital narrowband UVB treatment by a handheld unit for new-onset vitiligo: A pilot randomized controlled study. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2020, 36, 14-20.	0.7	16
30	Ferroptosis-Related Gene Signature Predicts the Prognosis of Skin Cutaneous Melanoma and Response to Immunotherapy. <i>Frontiers in Genetics</i> , 2021, 12, 758981.	1.1	16
31	Improvement to ultrasonographical differential diagnosis of gastric lesions: The value of contrast enhanced sonography with gastric distention. <i>PLoS ONE</i> , 2017, 12, e0182332.	1.1	13
32	On Chip Analysis of CNS Lymphoma in Cerebrospinal Fluid. <i>Theranostics</i> , 2015, 5, 796-804.	4.6	12
33	Cl-Amidine Improves Survival and Attenuates Kidney Injury in a Rabbit Model of Endotoxic Shock. <i>Surgical Infections</i> , 2021, 22, 421-426.	0.7	12
34	Effect of chilling on porcine germinal vesicle stage oocytes at the subcellular level. <i>Cryobiology</i> , 2009, 59, 54-58.	0.3	11
35	Liver CEBP β Modulates the Kynurenine Metabolism and Mediates the Motility for Hypoxia-Induced Central Fatigue in Mice. <i>Frontiers in Physiology</i> , 2019, 10, 243.	1.3	11
36	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

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37	Type 2 diabetes sex-specific effects associated with E167K coding variant in TM6SF2. <i>IScience</i> , 2021, 24, 103196.	1.9	10
38	Establishment of a Rabbit Oct4 Promoter-Based EGFP Reporter System. <i>PLoS ONE</i> , 2014, 9, e109728.	1.1	8
39	Genome engineering technologies in rabbits. <i>Journal of Biomedical Research</i> , 2021, 35, 135.	0.7	7
40	Development of the Nude Rabbit Model. <i>Stem Cell Reports</i> , 2021, 16, 656-665.	2.3	7
41	Improving the genome assembly of rabbits with long-read sequencing. <i>Genomics</i> , 2021, 113, 3216-3223.	1.3	7
42	Gene Editing in Rabbits: Unique Opportunities for Translational Biomedical Research. <i>Frontiers in Genetics</i> , 2021, 12, 642444.	1.1	7
43	Intestinal Dysbiosis in Young Cystic Fibrosis Rabbits. <i>Journal of Personalized Medicine</i> , 2021, 11, 132.	1.1	6
44	CRISPR/Cas9 Ribonucleoprotein-mediated Precise Gene Editing by Tube Electroporation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	4
45	Efficacy of a mixed preparation containing piperine, capsaicin and curcumin in the treatment of alopecia areata. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 4510-4514.	0.8	4
46	Immunodeficient Rabbit Models: History, Current Status and Future Perspectives. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7369.	1.3	1
47	Analysis of quantitative and semi-quantitative parameters of DCE-MRI in differential diagnosis of benign and malignant cervical tumors.. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 12228-12234.	0.0	0
48	Abstract 132: CETP Deficiency in Rabbits Protects High Fat High Cholesterol Diet Induced Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0