

Hongsheng Ouyang

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,653
citations

304368

22
h-index

360668

35
g-index

89
all docs

89
docs citations

89
times ranked

2016
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Generation of Myostatin Mutations in Pigs Using the CRISPR/Cas9 System. <i>Scientific Reports</i> , 2015, 5, 16623.	1.6	126
2	Highly efficient CRISPR/Cas9-mediated transgene knockin at the H11 locus in pigs. <i>Scientific Reports</i> , 2015, 5, 14253.	1.6	105
3	Piglets cloned from induced pluripotent stem cells. <i>Cell Research</i> , 2013, 23, 162-166.	5.7	84
4	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
5	CRISPR/Cas9-mediated knockout of myostatin in Chinese indigenous Erhualian pigs. <i>Transgenic Research</i> , 2017, 26, 799-805.	1.3	73
6	Barriers for Deriving Transgene-Free Pig iPS Cells with Episomal Vectors. <i>Stem Cells</i> , 2015, 33, 3228-3238.	1.4	60
7	Genetically modified pigs are protected from classical swine fever virus. <i>PLoS Pathogens</i> , 2018, 14, e1007193.	2.1	60
8	Interactions of porcine circovirus 2 with its hosts. <i>Virus Genes</i> , 2016, 52, 437-444.	0.7	50
9	Generation and characterization of stable pig pregastrulation epiblast stem cell lines. <i>Cell Research</i> , 2022, 32, 383-400.	5.7	48
10	Long Non-coding RNAs Contribute to the Inhibition of Proliferation and EMT by Pterostilbene in Human Breast Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 629.	1.3	47
11	Development of a Rapid Method for the Visible Detection of Pork DNA in Halal Products by Loop-Mediated Isothermal Amplification. <i>Food Analytical Methods</i> , 2016, 9, 565-570.	1.3	38
12	Efficient Generation of Orthologous Point Mutations in Pigs via CRISPR-assisted ssODN-mediated Homology-directed Repair. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e396.	2.3	36
13	Optimization of a CRISPR/Cas9-mediated Knock-in Strategy at the Porcine Rosa26 Locus in Porcine Foetal Fibroblasts. <i>Scientific Reports</i> , 2017, 7, 3036.	1.6	36
14	Transgenic shRNA pigs reduce susceptibility to foot and mouth disease virus infection. <i>ELife</i> , 2015, 4, e06951.	2.8	35
15	Induction of Germ Cell-like Cells from Porcine Induced Pluripotent Stem Cells. <i>Scientific Reports</i> , 2016, 6, 27256.	1.6	32
16	Preparation of a new type 2 diabetic miniature pig model via the CRISPR/Cas9 system. <i>Cell Death and Disease</i> , 2019, 10, 823.	2.7	29
17	Generation of pRSAD2 gene knock-in pig via CRISPR/Cas9 technology. <i>Antiviral Research</i> , 2020, 174, 104696.	1.9	29
18	Site-Specific Fat-1 Knock-In Enables Significant Decrease of n-6PUFAs/n-3PUFAs Ratio in Pigs. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1747-1754.	0.8	28

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19	Pseudorabies virus can escape from CRISPR-Cas9-mediated inhibition. <i>Virus Research</i> , 2016, 223, 197-205.	1.1	27
20	Recent trends in click chemistry as a promising technology for virus-related research. <i>Virus Research</i> , 2018, 256, 21-28.	1.1	26
21	Efficient base editing by RNA-guided cytidine base editors (CBEs) in pigs. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 719-733.	2.4	26
22	Comparative analysis of different methods to enhance porcine circovirus 2 replication. <i>Journal of Virological Methods</i> , 2013, 187, 368-371.	1.0	24
23	Porcine circovirus 4 rescued from an infectious clone is replicable and pathogenic in vivo. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	24
24	In vitro inhibition of CSFV replication by multiple siRNA expression. <i>Antiviral Research</i> , 2011, 91, 209-216.	1.9	22
25	Human cells are permissive for the productive infection of porcine circovirus type 2 in vitro. <i>Scientific Reports</i> , 2019, 9, 5638.	1.6	20
26	Corrigendum. G3: Genes, Genomes, Genetics, 2018, 8, 2833-2840.	0.8	19
27	Apolipoprotein CIII regulates lipoprotein-associated phospholipase A2 expression via the MAPK and NF κ B pathways. <i>Biology Open</i> , 2015, 4, 661-665.	0.6	18
28	Nitro-oleic acid downregulates lipoprotein-associated phospholipase A2 expression via the p42/p44 MAPK and NF κ B pathways. <i>Scientific Reports</i> , 2014, 4, 4905.	1.6	18
29	Truncated C-terminus of fibrillin-1 induces Marfanoid-progeroid-lipodystrophy (MPL) syndrome in rabbit. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	18
30	Resveratrol suppresses lipoprotein-associated phospholipase A ₂ expression by reducing oxidative stress in macrophages and animal models. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601112.	1.5	17
31	Expression, purification and antibody preparation using different constructs of PCV2 capsid protein. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 289-294.	3.6	16
32	HMG-CoA reductase is negatively associated with PCV2 infection and PCV2-induced apoptotic cell death. <i>Journal of General Virology</i> , 2014, 95, 1330-1337.	1.3	16
33	LMNA-mutated Rabbits: A Model of Premature Aging Syndrome with Muscular Dystrophy and Dilated Cardiomyopathy. , 2019, 10, 102.		15
34	N-3 polyunsaturated fatty acids attenuates triglyceride and inflammatory factors level in hfat-1 transgenic pigs. <i>Lipids in Health and Disease</i> , 2016, 15, 89.	1.2	14
35	Hepatic autophagy and mitophagy status in dairy cows with subclinical and clinical ketosis. <i>Journal of Dairy Science</i> , 2021, 104, 4847-4857.	1.4	14
36	Porcine circovirus 2 proliferation can be enhanced by stably expressing porcine IL-2 gene in PK-15 cell. <i>Virus Research</i> , 2017, 227, 143-149.	1.1	12

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37	Data Mining and Validation of AMPK Pathway as a Novel Candidate Role Affecting Intramuscular Fat Content in Pigs. <i>Animals</i> , 2019, 9, 137.	1.0	12
38	A CRISPR-engineered swine model of COL2A1 deficiency recapitulates altered early skeletal developmental defects in humans. <i>Bone</i> , 2020, 137, 115450.	1.4	12
39	Overexpression of porcine lipoprotein-associated phospholipase A 2 in swine. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 507-511.	1.0	11
40	Expression, purification and antibody preparation of PCV2 Rep and ORF3 proteins. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 277-281.	3.6	11
41	Biomimetic Octopus-like Particles for Ultraspecific Capture and Detection of Pathogens. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22164-22170.	4.0	11
42	Construction of a recombinant human FGF1 expression vector for mammary gland-specific expression in human breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2011, 354, 39-46.	1.4	10
43	Isoform-specific imprinting of the MEST gene in porcine parthenogenetic fetuses. <i>Gene</i> , 2015, 558, 287-290.	1.0	10
44	CRISPR/Cas9-Mediated Hitchhike Expression of Functional shRNAs at the Porcine miR-17-92 Cluster. <i>Cells</i> , 2019, 8, 113.	1.8	10
45	Development of Whole-Porcine Monoclonal Antibodies with Potent Neutralization Activity against Classical Swine Fever Virus from Single B Cells. <i>ACS Synthetic Biology</i> , 2019, 8, 989-1000.	1.9	10
46	Possible Targets of Pan-Coronavirus Antiviral Strategies for Emerging or Re-Emerging Coronaviruses. <i>Microorganisms</i> , 2021, 9, 1479.	1.6	10
47	Swine sperm induces neutrophil extracellular traps that entangle sperm and embryos. <i>Reproduction</i> , 2020, 160, 217-225.	1.1	10
48	Aberrant Expression of Xist in Aborted Porcine Fetuses Derived from Somatic Cell Nuclear Transfer Embryos. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21631-21643.	1.8	9
49	Genotyping based on complete coding sequences of porcine circovirus type 3 is stable and reliable. <i>Infection, Genetics and Evolution</i> , 2020, 78, 104116.	1.0	9
50	Viruses from poultry and livestock pose continuous threats to human beings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	9
51	Propionate alleviates palmitic acid-induced endoplasmic reticulum stress by enhancing autophagy in calf hepatic cells. <i>Journal of Dairy Science</i> , 2021, 104, 9316-9326.	1.4	9
52	Germ cell-specific expression of Cre recombinase using the <i>VASA</i> promoter in the pig. <i>FEBS Open Bio</i> , 2016, 6, 50-55.	1.0	8
53	Immunogenicity evaluation of inactivated virus and purified proteins of porcine circovirus type 2 in mice. <i>BMC Veterinary Research</i> , 2018, 14, 137.	0.7	8
54	Investigation of the lncRNA THOR in Mice Highlights the Importance of Noncoding RNAs in Mammalian Male Reproduction. <i>Biomedicines</i> , 2021, 9, 859.	1.4	8

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55	CRISPR/Cas9-Mediated Specific Integration of Fat-1 and IGF-1 at the pRosa26 Locus. <i>Genes</i> , 2021, 12, 1027.	1.0	8
56	HMEJ-mediated site-specific integration of a myostatin inhibitor increases skeletal muscle mass in porcine. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 49-62.	2.3	8
57	Scriptaid affects histone acetylation and the expression of development-related genes at different stages of porcine somatic cell nuclear transfer embryo during early development. <i>Science Bulletin</i> , 2013, 58, 2044-2052.	1.7	7
58	Genomic imprinting analysis of Igf2/H19 in porcine cloned fetuses using parthenogenetic somatic cells as nuclear donors. <i>Biotechnology Letters</i> , 2014, 36, 1945-1952.	1.1	7
59	Expanded targeting scope and enhanced base editing efficiency in rabbit using optimized xCas9(3.7). <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4155-4164.	2.4	7
60	Pyroptosis executioner gasdermin D contributes to host defense and promotes Th 1 immune response during <i>Neospora caninum</i> infection. <i>Veterinary Parasitology</i> , 2020, 286, 109254.	0.7	7
61	Pathological alterations in the gastrointestinal tract of a porcine model of DMD. <i>Cell and Bioscience</i> , 2021, 11, 131.	2.1	7
62	DNA methylation-mediated silencing of neuronatin (NNAT) in pig parthenogenetic fetuses. <i>Gene</i> , 2014, 552, 204-208.	1.0	6
63	IWP2 impairs the development of porcine somatic cell nuclear transfer embryos via Wnt signaling pathway inactivation. <i>Biomedical Reports</i> , 2017, 7, 36-40.	0.9	6
64	Free fatty acids impair autophagic activity and activate nuclear factor kappa B signaling and NLR family pyrin domain containing 3 inflammasome in calf hepatocytes. <i>Journal of Dairy Science</i> , 2021, 104, 11973-11982.	1.4	6
65	Porcine TRIM21 Enhances Porcine Circovirus 2 Infection and Host Immune Responses, But Inhibits Apoptosis of PCV2-Infected Cells. <i>Viruses</i> , 2022, 14, 156.	1.5	6
66	A dark-to-bright reporter cell for classical swine fever virus infection. <i>Antiviral Research</i> , 2015, 117, 44-51.	1.9	5
67	Live Cell Reporter Systems for Positive-Sense Single Strand RNA Viruses. <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 1567-1585.	1.4	5
68	HMGR inhibits the early stage of PCV2 infection, while PKC enhances the infection at the late stage*. <i>Virus Research</i> , 2017, 229, 41-47.	1.1	5
69	Porcine HMGR Inhibits Porcine Circovirus Type 2 Infection by Directly Interacting with the Viral Proteins. <i>Viruses</i> , 2019, 11, 544.	1.5	5
70	Current Status of Genetically Modified Pigs That Are Resistant to Virus Infection. <i>Viruses</i> , 2022, 14, 417.	1.5	5
71	Porcine ZC3H11A Is Essential for the Proliferation of Pseudorabies Virus and Porcine Circovirus 2. <i>ACS Infectious Diseases</i> , 2022, , .	1.8	5
72	Elevated expression of vascular endothelial growth factor (VEGF) 120 in parthenogenetic porcine placentas. <i>Biotechnology Letters</i> , 2014, 36, 913-917.	1.1	4

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73	Ω-3 polyunsaturated fatty acids suppress lipoprotein-associated phospholipase A2 expression in macrophages and animal models. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1771-1779.	1.5	4
74	Characterization and comparative analysis of immunoglobulin lambda chain diversity in a neonatal porcine model. <i>Veterinary Immunology and Immunopathology</i> , 2018, 195, 84-91.	0.5	4
75	Abnormality of hepatic triglyceride metabolism in Apc/+ mice with colon cancer cachexia. <i>Life Sciences</i> , 2019, 227, 201-211.	2.0	4
76	Pig Cloning Using Somatic Cell Nuclear Transfer. <i>Methods in Molecular Biology</i> , 2021, 2239, 1-18.	0.4	4
77	TERT Promoter Revertant Mutation Inhibits Melanoma Growth through Intrinsic Apoptosis. <i>Biology</i> , 2022, 11, 141.	1.3	3
78	Single particle labeling of RNA virus in live cells. <i>Virus Research</i> , 2017, 237, 14-21.	1.1	2
79	Magnetic Multiarm Scaffold for the One-Step Purification of Epitope-Specific Neutralizing Antibodies. <i>Analytical Chemistry</i> , 2019, 91, 6172-6179.	3.2	2
80	Overexpression of NPC1L1 in the livers of transgenic Bama miniature pigs accelerates lipid peroxidation. <i>Genes and Genomics</i> , 2015, 37, 183-191.	0.5	1
81	Generation of a pHSPA6 gene-based multifunctional live cell sensor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118919.	1.9	1
82	Nitro-oleic acid decreases transcription of the angiotensin II type I receptor gene in aortic smooth muscle cells. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 740-746.	1.4	0
83	AbSE Workflow: Rapid Identification of the Coding Sequence and Linear Epitope of the Monoclonal Antibody at the Single-cell Level. <i>ACS Synthetic Biology</i> , 2022, 11, 1856-1864.	1.9	0