Hongsheng Ouyang

List of Publications by Year
in descending order

83	1,653	304368	360668
papers	citations	22 h-index	35 g-index

89	89	89	2016
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation and characterization of stable pig pregastrulation epiblast stem cell lines. Cell Research, 2022, 32, 383-400.	5.7	48
2	TERT Promoter Revertant Mutation Inhibits Melanoma Growth through Intrinsic Apoptosis. Biology, 2022, 11, 141.	1.3	3
3	Porcine TRIM21 Enhances Porcine Circovirus 2 Infection and Host Immune Responses, But Inhibits Apoptosis of PCV2-Infected Cells. Viruses, 2022, 14, 156.	1.5	6
4	Current Status of Genetically Modified Pigs That Are Resistant to Virus Infection. Viruses, 2022, 14, 417.	1.5	5
5	Porcine circovirus 4 rescued from an infectious clone is replicable and pathogenic in vivo. Transboundary and Emerging Diseases, 2022, 69, .	1.3	24
6	Porcine ZC3H11A Is Essential for the Proliferation of Pseudorabies Virus and Porcine Circovirus 2. ACS Infectious Diseases, 2022, , .	1.8	5
7	AbSE Workflow: Rapid Identification of the Coding Sequence and Linear Epitope of the Monoclonal Antibody at the Single-cell Level. ACS Synthetic Biology, 2022, 11, 1856-1864.	1.9	0
8	Viruses from poultry and livestock pose continuous threats to human beings. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	9
9	Generation of a pHSPA6 gene-based multifunctional live cell sensor. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118919.	1.9	1
10	Hepatic autophagy and mitophagy status in dairy cows with subclinical and clinical ketosis. Journal of Dairy Science, 2021, 104, 4847-4857.	1.4	14
11	Investigation of the lncRNA THOR in Mice Highlights the Importance of Noncoding RNAs in Mammalian Male Reproduction. Biomedicines, 2021, 9, 859.	1.4	8
12	Pathological alterations in the gastrointestinal tract of a porcine model of DMD. Cell and Bioscience, 2021, 11, 131.	2.1	7
13	CRISPR/Cas9-Mediated Specific Integration of Fat-1 and IGF-1 at the pRosa26 Locus. Genes, 2021, 12, 1027.	1.0	8
14	Possible Targets of Pan-Coronavirus Antiviral Strategies for Emerging or Re-Emerging Coronaviruses. Microorganisms, 2021, 9, 1479.	1.6	10
15	Propionate alleviates palmitic acidâ€“induced endoplasmic reticulum stress by enhancing autophagy in calf hepatic cells. Journal of Dairy Science, 2021, 104, 9316-9326.	1.4	9
16	HMEJ-mediated site-specific integration of a myostatin inhibitor increases skeletal muscle mass in porcine. Molecular Therapy - Nucleic Acids, 2021, 26, 49-62.	2.3	8
17	Free fatty acids impair autophagic activity and activate nuclear factor kappa B signaling and NLR family pyrin domain containing 3 inflammasome in calf hepatocytes. Journal of Dairy Science, 2021, 104, 11973-11982.	1.4	6
18	Pig Cloning Using Somatic Cell Nuclear Transfer. Methods in Molecular Biology, 2021, 2239, 1-18.	0.4	4

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19	Efficient base editing by RNA-guided cytidine base editors (CBEs) in pigs. Cellular and Molecular Life Sciences, 2020, 77, 719-733.	2.4	26
20	Generation of pRSAD2 gene knock-in pig via CRISPR/Cas9 technology. Antiviral Research, 2020, 174, 104696.	1.9	29
21	Genotyping based on complete coding sequences of porcine circovirus type 3 is stable and reliable. Infection, Genetics and Evolution, 2020, 78, 104116.	1.0	9
22	Pyroptosis executioner gasdermin D contributes to host defense and promotes Th 1 immune response during Neospora caninum infection. Veterinary Parasitology, 2020, 286, 109254.	0.7	7
23	A CRISPR-engineered swine model of COL2A1 deficiency recapitulates altered early skeletal developmental defects in humans. Bone, 2020, 137, 115450.	1.4	12
24	Swine sperm induces neutrophil extracellular traps that entangle sperm and embryos. Reproduction, 2020, 160, 217-225.	1.1	10
25	Preparation of a new type 2 diabetic miniature pig model via the CRISPR/Cas9 system. Cell Death and Disease, 2019, 10, 823.	2.7	29
26	CRISPR/Cas9-Mediated Hitchhike Expression of Functional shRNAs at the Porcine miR-17-92 Cluster. Cells, 2019, 8, 113.	1.8	10
27	LMNA-mutated Rabbits: A Model of Premature Aging Syndrome with Muscular Dystrophy and Dilated Cardiomyopathy. , 2019, 10, 102.		15
28	Porcine HMGCR Inhibits Porcine Circovirus Type 2 Infection by Directly Interacting with the Viral Proteins. Viruses, 2019, 11, 544.	1.5	5
29	Biomimetic Octopus-like Particles for Ultraspecific Capture and Detection of Pathogens. ACS Applied Materials & Interfaces, 2019, 11, 22164-22170.	4.0	11
30	Abnormality of hepatic triglyceride metabolism in Apc/+ mice with colon cancer cachexia. Life Sciences, 2019, 227, 201-211.	2.0	4
31	Magnetic Multiarm Scaffold for the One-Step Purification of Epitope-Specific Neutralizing Antibodies. Analytical Chemistry, 2019, 91, 6172-6179.	3.2	2
32	Expanded targeting scope and enhanced base editing efficiency in rabbit using optimized xCas9(3.7). Cellular and Molecular Life Sciences, 2019, 76, 4155-4164.	2.4	7
33	Development of Whole-Porcine Monoclonal Antibodies with Potent Neutralization Activity against Classical Swine Fever Virus from Single B Cells. ACS Synthetic Biology, 2019, 8, 989-1000.	1.9	10
34	Data Mining and Validation of AMPK Pathway as a Novel Candidate Role Affecting Intramuscular Fat Content in Pigs. Animals, 2019, 9, 137.	1.0	12
35	Human cells are permissive for the productive infection of porcine circovirus type 2 in vitro. Scientific Reports, 2019, 9, 5638.	1.6	20
36	Truncated C-terminus of fibrillin-1 induces Marfanoid-progeroid-lipodystrophy (MPL) syndrome in rabbit. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	18

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37	Immunogenicity evaluation of inactivated virus and purified proteins of porcine circovirus type 2 in mice. BMC Veterinary Research, 2018, 14, 137.	0.7	8
38	Site-Specific Fat-1 Knock-In Enables Significant Decrease of n-6PUFAs/n-3PUFAs Ratio in Pigs. G3: Genes, Genomes, Genetics, 2018, 8, 1747-1754.	0.8	28
39	Characterization and comparative analysis of immunoglobulin lambda chain diversity in a neonatal porcine model. Veterinary Immunology and Immunopathology, 2018, 195, 84-91.	0.5	4
40	Long Non-coding RNAs Contribute to the Inhibition of Proliferation and EMT by Pterostilbene in Human Breast Cancer. Frontiers in Oncology, 2018, 8, 629.	1.3	47
41	Genetically modified pigs are protected from classical swine fever virus. PLoS Pathogens, 2018, 14, e1007193.	2.1	60
42	Corrigendum. G3: Genes, Genomes, Genetics, 2018, 8, 2833-2840.	0.8	19
43	Recent trends in click chemistry as a promising technology for virus-related research. Virus Research, 2018, 256, 21-28.	1.1	26
44	Single particle labeling of RNA virus in live cells. Virus Research, 2017, 237, 14-21.	1.1	2
45	Optimization of a CRISPR/Cas9-mediated Knock-in Strategy at the Porcine Rosa26 Locus in Porcine Foetal Fibroblasts. Scientific Reports, 2017, 7, 3036.	1.6	36
46	Resveratrol suppresses lipoproteinâ€associated phospholipase A₂ expression by reducing oxidative stress in macrophages and animal models. Molecular Nutrition and Food Research, 2017, 61, 1601112.	1.5	17
47	HMGCR inhibits the early stage of PCV2 infection, while PKC enhances the infection at the late stage*. Virus Research, 2017, 229, 41-47.	1.1	5
48	CRISPR/Cas9-mediated knockout of myostatin in Chinese indigenous Erhualian pigs. Transgenic Research, 2017, 26, 799-805.	1.3	73
49	IWP2 impairs the development of porcine somatic cell nuclear transfer embryos via Wnt signaling pathway inactivation. Biomedical Reports, 2017, 7, 36-40.	0.9	6
50	Porcine circovirus 2 proliferation can be enhanced by stably expressing porcine IL-2 gene in PK-15 cell. Virus Research, 2017, 227, 143-149.	1.1	12
51	Efficient Generation of Orthologous Point Mutations in Pigs via CRISPR-assisted ssODN-mediated Homology-directed Repair. Molecular Therapy - Nucleic Acids, 2016, 5, e396.	2.3	36
52	Induction of Germ Cell-like Cells from Porcine Induced Pluripotent Stem Cells. Scientific Reports, 2016, 6, 27256.	1.6	32
53	Germ cellâ€specific expression of Cre recombinase using the <scp>VASA</scp> promoter in the pig. FEBS Open Bio, 2016, 6, 50-55.	1.0	8
54	Pseudorabies virus can escape from CRISPR-Cas9-mediated inhibition. Virus Research, 2016, 223, 197-205.	1.1	27

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55	N-3 polyunsaturated fatty acids attenuates triglyceride and inflammatory factors level in hfat-1 transgenic pigs. Lipids in Health and Disease, 2016, 15, 89.	1.2	14
56	Expression, purification and antibody preparation of PCV2 Rep and ORF3 proteins. International Journal of Biological Macromolecules, 2016, 86, 277-281.	3.6	11
57	Interactions of porcine circovirus 2 with its hosts. Virus Genes, 2016, 52, 437-444.	0.7	50
58	Live Cell Reporter Systems for Positive-Sense Single Strand RNA Viruses. Applied Biochemistry and Biotechnology, 2016, 178, 1567-1585.	1.4	5
59	Development of a Rapid Method for the Visible Detection of Pork DNA in Halal Products by Loop-Mediated Isothermal Amplification. Food Analytical Methods, 2016, 9, 565-570.	1.3	38
60	Efficient Generation of Myostatin Mutations in Pigs Using the CRISPR/Cas9 System. Scientific Reports, 2015, 5, 16623.	1.6	126
61	Highly efficient CRISPR/Cas9-mediated transgene knockin at the H11 locus in pigs. Scientific Reports, 2015, 5, 14253.	1.6	105
62	Ï‰3â€polyunsaturated fatty acids suppress lipoproteinâ€associated phospholipase A2 expression in macrophages and animal models. Molecular Nutrition and Food Research, 2015, 59, 1771-1779.	1.5	4
63	Barriers for Deriving Transgene-Free Pig iPS Cells with Episomal Vectors. Stem Cells, 2015, 33, 3228-3238.	1.4	60
64	Apolipoprotein CIII regulates lipoprotein-associated phospholipase A2 expression via the MAPK and NFÎºB pathways. Biology Open, 2015, 4, 661-665.	0.6	18
65	Isoform-specific imprinting of the MEST gene in porcine parthenogenetic fetuses. Gene, 2015, 558, 287-290.	1.0	10
66	Overexpression of NPC1L1 in the livers of transgenic Bama miniature pigs accelerates lipid peroxidation. Genes and Genomics, 2015, 37, 183-191.	0.5	1
67	Overexpression of porcine lipoprotein-associated phospholipase A 2 in swine. Biochemical and Biophysical Research Communications, 2015, 465, 507-511.	1.0	11
68	A dark-to-bright reporter cell for classical swine fever virus infection. Antiviral Research, 2015, 117, 44-51.	1.9	5
69	Transgenic shRNA pigs reduce susceptibility to foot and mouth disease virus infection. ELife, 2015, 4, e06951.	2.8	35
70	Nitro-oleic acid decreases transcription of the angiotensin II type I receptor gene in aortic smooth muscle cells. Biotechnology and Bioprocess Engineering, 2014, 19, 740-746.	1.4	0
71	Aberrant Expression of Xist in Aborted Porcine Fetuses Derived from Somatic Cell Nuclear Transfer Embryos. International Journal of Molecular Sciences, 2014, 15, 21631-21643.	1.8	9
72	Elevated expression of vascular endothelial growth factor (VEGF) 120 in parthenogenetic porcine placentas. Biotechnology Letters, 2014, 36, 913-917.	1.1	4

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73	Rosa26-targeted swine models for stable gene over-expression and Cre-mediated lineage tracing. Cell Research, 2014, 24, 501-504.	5.7	77
74	DNA methylation-mediated silencing of neuronatin (NNAT) in pig parthenogenetic fetuses. Gene, 2014, 552, 204-208.	1.0	6
75	Genomic imprinting analysis of Igf2/H19 in porcine cloned fetuses using parthenogenetic somatic cells as nuclear donors. Biotechnology Letters, 2014, 36, 1945-1952.	1.1	7
76	Expression, purification and antibody preparation using different constructs of PCV2 capsid protein. International Journal of Biological Macromolecules, 2014, 67, 289-294.	3.6	16
77	HMG-CoA reductase is negatively associated with PCV2 infection and PCV2-induced apoptotic cell death. Journal of General Virology, 2014, 95, 1330-1337.	1.3	16
78	Nitro-oleic acid downregulates lipoprotein-associated phospholipase A2 expression via the p42/p44 MAPK and NFÎºB pathways. Scientific Reports, 2014, 4, 4905.	1.6	18
79	Scriptaid affects histone acetylation and the expression of development-related genes at different stages of porcine somatic cell nuclear transfer embryo during early development. Science Bulletin, 2013, 58, 2044-2052.	1.7	7
80	Comparative analysis of different methods to enhance porcine circovirus 2 replication. Journal of Virological Methods, 2013, 187, 368-371.	1.0	24
81	Piglets cloned from induced pluripotent stem cells. Cell Research, 2013, 23, 162-166.	5.7	84
82	In vitro inhibition of CSFV replication by multiple siRNA expression. Antiviral Research, 2011, 91, 209-216.	1.9	22
83	Construction of a recombinant human FGF1 expression vector for mammary gland-specific expression in human breast cancer cells. Molecular and Cellular Biochemistry, 2011, 354, 39-46.	1.4	10