

# Shi-Yi Chen

## List of Publications by Year in descending order

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33  
papers

464  
citations

759233

12  
h-index

752698

20  
g-index

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all docs

33  
docs citations

33  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	A transcriptome atlas of rabbit revealed by PacBio single-molecule long-read sequencing. <i>Scientific Reports</i> , 2017, 7, 7648.	3.3	125
2	Genomewide Association Analyses of Lactation Persistency and Milk Production Traits in Holstein Cattle Based on Imputed Whole-Genome Sequence Data. <i>Genes</i> , 2021, 12, 1830.	2.4	39
3	Genetic diversity and population structure of four Chinese rabbit breeds. <i>PLoS ONE</i> , 2019, 14, e0222503.	2.5	26
4	Sequence Characterization of the <i>MC1R</i> Gene in Yak ( <i>Poephagus grunniens</i> ) Breeds with Different Coat Colors. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-6.	3.0	22
5	A reduced incidence of digestive disorders in rabbits is associated with allelic diversity at the TLR4 locus. <i>Veterinary Immunology and Immunopathology</i> , 2011, 144, 482-486.	1.2	20
6	Using imputed whole-genome sequence variants to uncover candidate mutations and genes affecting milking speed and temperament in Holstein cattle. <i>Journal of Dairy Science</i> , 2020, 103, 10383-10398.	3.4	20
7	Identification and Association of SNPs in <i>TBC1D1</i> Gene with Growth Traits in Two Rabbit Breeds. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 1529-1535.	2.4	19
8	dbHT-Trans: An Efficient Tool for Filtering the Protein-Encoding Transcripts Assembled by RNA-Seq According to Search for Homologous Proteins. <i>Journal of Computational Biology</i> , 2016, 23, 1-9.	1.6	18
9	Identifying pleiotropic variants and candidate genes for fertility and reproduction traits in Holstein cattle via association studies based on imputed whole-genome sequence genotypes. <i>BMC Genomics</i> , 2022, 23, 331.	2.8	17
10	Gut microbiota profiling with differential tolerance against the reduced dietary fibre level in rabbit. <i>Scientific Reports</i> , 2019, 9, 288.	3.3	15
11	miR-221 modulates skeletal muscle satellite cells proliferation and differentiation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018, 54, 147-155.	1.5	14
12	Species Identification of Ten Common Farm Animals Based on Mitochondrial 12S rRNA Gene Polymorphisms. <i>Animal Biotechnology</i> , 2012, 23, 213-220.	1.5	12
13	A Genome-Wide Association Study Identifying Genetic Variants Associated with Growth, Carcass and Meat Quality Traits in Rabbits. <i>Animals</i> , 2020, 10, 1068.	2.3	12
14	Sequence and Evolutionary Features for the Alternatively Spliced Exons of Eukaryotic Genes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3834.	4.1	11
15	Identification of Novel lncRNA and Differentially Expressed Genes (DEGs) of Testicular Tissues among Cattle, Yak, and Cattle-Yak Associated with Male Infertility. <i>Animals</i> , 2021, 11, 2420.	2.3	11
16	Dissecting the Matrilineal Components of Tongjiang Cattle from Southwest China. <i>Biochemical Genetics</i> , 2008, 46, 206-215.	1.7	9
17	Effects of Dietary Vitamin D3 Supplementation on AvBD-1 and chCATH-1 Genes Expression in Chicken. <i>Journal of Poultry Science</i> , 2011, 48, 254-258.	1.6	9
18	Low Genetic Variability of Domestic Muscovy Duck ( <i>Cairina moschata</i> ) in China Revealed by Mitochondrial DNA Control Region Sequences. <i>Biochemical Genetics</i> , 2009, 47, 734-738.	1.7	8

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19	Association between the IRS1 and FTO genes regulates body weight in rabbits. <i>Gene</i> , 2014, 548, 75-80.	2.2	6
20	PopSc: Computing Toolkit for Basic Statistics of Molecular Population Genetics Simultaneously Implemented in Web-Based Calculator, Python and R. <i>PLoS ONE</i> , 2016, 11, e0165434.	2.5	6
21	Polymorphism of <i>NLRP3</i> Gene and Association with Susceptibility to Digestive Disorders in Rabbit. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 455-462.	2.4	6
22	Genome-Wide Association Studies for Growth Curves in Meat Rabbits Through the Single-Step Nonlinear Mixed Model. <i>Frontiers in Genetics</i> , 2021, 12, 750939.	2.3	6
23	Genetic variations of mitochondrial antiviral signaling gene (MAVS) in domestic chickens. <i>Gene</i> , 2014, 545, 226-232.	2.2	5
24	Investigation of JAK1 and STAT3 polymorphisms and their gene-gene interactions in nonspecific digestive disorder of rabbits. <i>Gene</i> , 2014, 543, 8-14.	2.2	5
25	Molecular cloning, polymorphism, and expression analysis of the LKB1/STK11 gene and its association with non-specific digestive disorder in rabbits. <i>Molecular and Cellular Biochemistry</i> , 2018, 449, 127-136.	3.1	4
26	Simultaneous introgression of three POLLED mutations into a synthetic breed of Chinese cattle. <i>PLoS ONE</i> , 2017, 12, e0186862.	2.5	4
27	Single Nucleotide Polymorphisms of <i>NLRP12</i> Gene and Association with Non-specific Digestive Disorder in Rabbit. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 1072-1079.	2.4	4
28	Case-control study and mRNA expression analysis reveal the <i>MyD88</i> gene is associated with digestive disorders in rabbit. <i>Animal Genetics</i> , 2013, 44, 703-710.	1.7	3
29	Investigation of genetic susceptibility to nonspecific digestive disorder between TYK2, JAK1, and STAT3 genes in rabbits. <i>Livestock Science</i> , 2015, 181, 137-142.	1.6	3
30	Comparative Study on the Genetic Diversity of GHR Gene in Tibetan Cattle and Holstein Cows. <i>Animal Biotechnology</i> , 2015, 26, 217-221.	1.5	3
31	Genome-wide SNP discovery and genetic diversity evaluation of Liangshan cattle in China. <i>Animal Biotechnology</i> , 2021, 32, 671-675.	1.5	2
32	Genotyping-free parentage assignment using RAD-seq reads. <i>Ecology and Evolution</i> , 2020, 10, 7783-7791.	1.9	0
33	Poly(I:C) exposure during in vitro fertilization disrupts first cleavage of mouse embryos and subsequent blastocyst development. <i>Journal of Reproductive Immunology</i> , 2022, 151, 103635.	1.9	0