Guiping Zhao

List of Publications by Year
in descending order

89	1,774	279798	361022
papers	citations	23 h-index	35 g-index

90	90	90	1493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of the Potential of Heterophil/Lymphocyte Ratio as a Biomarker to Predict Colonization Resistance and Inflammatory Response to Salmonella enteritidis Infection in Chicken. Pathogens, 2022, 11, 72.	2.8	6
2	The SLC27A1 Gene and Its Enriched PPAR Pathway Are Involved in the Regulation of Flavor Compound Hexanal Content in Chinese Native Chickens. Genes, 2022, 13, 192.	2.4	3
3	Identification of Candidate Genes for Meat Color of Chicken by Combing Selection Signature Analyses and Differentially Expressed Genes. Genes, 2022, 13, 307.	2.4	5
4	Liver Transcriptome Response to Heat Stress in Beijing You Chickens and Guang Ming Broilers. Genes, 2022, 13, 416.	2.4	9
5	Comparison of genomic prediction methods for residual feed intake in broilers. Animal Genetics, 2022, 53, 466-469.	1.7	2
6	Assessment the effect of genomic selection and detection of selective signature in broilers. Poultry Science, 2022, 101, 101856.	3.4	9
7	Integrative analysis of transcriptomics and metabolomics to reveal the melanogenesis pathway of muscle and related meat characters in Wuliangshan black-boned chickens. BMC Genomics, 2022, 23, 173.	2.8	14
8	Large-Scale Whole Genome Sequencing Study Reveals Genetic Architecture and Key Variants for Breast Muscle Weight in Native Chickens. Genes, 2022, 13, 3.	2.4	11
9	Dual RNA-Seq of H5N1 Avian Influenza Virus and Host Cell Transcriptomes Reveals Novel Insights Into Host-Pathogen Cross Talk. Frontiers in Microbiology, 2022, 13, 828277.	3.5	2
10	Heterophil/Lymphocyte Ratio Level Modulates Salmonella Resistance, Cecal Microbiota Composition and Functional Capacity in Infected Chicken. Frontiers in Immunology, 2022, 13, 816689.	4.8	13
11	Differential regulation of intramuscular fat and abdominal fat deposition in chickens. BMC Genomics, 2022, 23, 308.	2.8	27
12	A selected population study reveals the biochemical mechanism of intramuscular fat deposition in chicken meat. Journal of Animal Science and Biotechnology, 2022, 13, 54.	5.3	10
13	Transcriptomic Analysis of the Spleen of Different Chicken Breeds Revealed the Differential Resistance of Salmonella Typhimurium. Genes, 2022, 13, 811.	2.4	5
14	Inhibition of cholesterol biosynthesis promotes the production of 1-octen-3-ol through mevalonic acid. Food Research International, 2022, 158, 111392.	6.2	9
15	Paternal Dietary Methionine Supplementation Improves Carcass Traits and Meat Quality of Chicken Progeny. Animals, 2021, 11, 325.	2.3	5
16	Integrated analysis of the methylome and transcriptome of chickens with fatty liver hemorrhagic syndrome. BMC Genomics, 2021, 22, 8.	2.8	14
17	Identification of QTL regions and candidate genes for growth and feed efficiency in broilers. Genetics Selection Evolution, 2021, 53, 13.	3.0	17
18	Specific Microbial Taxa and Functional Capacity Contribute to Chicken Abdominal Fat Deposition. Frontiers in Microbiology, 2021, 12, 643025.	3.5	28

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19	Identification of Major Loci and Candidate Genes for Meat Production-Related Traits in Broilers. Frontiers in Genetics, 2021, 12, 645107.	2.3	7
20	Identification of the molecular regulation of differences in lipid deposition in dedifferentiated preadipocytes from different chicken tissues. BMC Genomics, 2021, 22, 232.	2.8	13
21	Viralâ€“Host Interactome Analysis Reveals Chicken STAU2 Interacts With Non-structural Protein 1 and Promotes the Replication of H5N1 Avian Influenza Virus. Frontiers in Immunology, 2021, 12, 590679.	4.8	5
22	Differential mRNA and miRNA Profiles Reveal the Potential Roles of Genes and miRNAs Involved in LPS Infection in Chicken Macrophages. Genes, 2021, 12, 760.	2.4	2
23	FOSL2 Is Involved in the Regulation of Glycogen Content in Chicken Breast Muscle Tissue. Frontiers in Physiology, 2021, 12, 682441.	2.8	3
24	Serum Creatine Kinase as a Biomarker to Predict Wooden Breast in vivo for Chicken Breeding. Frontiers in Physiology, 2021, 12, 711711.	2.8	11
25	Large-scale transcriptome sequencing in broiler chickens to identify candidate genes for breast muscle weight and intramuscular fat content. Genetics Selection Evolution, 2021, 53, 66.	3.0	8
26	Time Course Transcriptomic Study Reveals the Gene Regulation During Liver Development and the Correlation With Abdominal Fat Weight in Chicken. Frontiers in Genetics, 2021, 12, 723519.	2.3	9
27	Identification of the main aroma compounds in Chinese local chicken high-quality meat. Food Chemistry, 2021, 359, 129930.	8.2	54
28	Association of Heterophil/Lymphocyte Ratio with Intestinal Barrier Function and Immune Response to Salmonella enteritidis Infection in Chicken. Animals, 2021, 11, 3498.	2.3	15
29	Effects of inulin supplementation on intestinal barrier function and immunity in specific pathogen-free chickens with Salmonella infection. Journal of Animal Science, 2020, 98, .	0.5	24
30	Effect of Divergent Selection for Intramuscular Fat Content on Muscle Lipid Metabolism in Chickens. Animals, 2020, 10, 4.	2.3	23
31	RNA-Seq Analysis Reveals Hub Genes Involved in Chicken Intramuscular Fat and Abdominal Fat Deposition During Development. Frontiers in Genetics, 2020, 11, 1009.	2.3	25
32	Genome-Wide Association Study and Pathway Analysis for Heterophil/Lymphocyte (H/L) Ratio in Chicken. Genes, 2020, 11, 1005.	2.4	8
33	Dietary Inulin Supplementation Modulates Short-Chain Fatty Acid Levels and Cecum Microbiota Composition and Function in Chickens Infected With Salmonella. Frontiers in Microbiology, 2020, 11, 584380.	3.5	16
34	Identification of diverse cell populations in skeletal muscles and biomarkers for intramuscular fat of chicken by single-cell RNA sequencing. BMC Genomics, 2020, 21, 752.	2.8	24
35	SPOP promotes ubiquitination and degradation of MyD88 to suppress the innate immune response. PLoS Pathogens, 2020, 16, e1008188.	4.7	25
36	Genome-Wide Association Study of Muscle Glycogen in Jingxing Yellow Chicken. Genes, 2020, 11, 497.	2.4	16

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37	Comparison of the Efficiency of BLUP and GBLUP in Genomic Prediction of Immune Traits in Chickens. Animals, 2020, 10, 419.	2.3	6
38	Genome-Wide Detection of Key Genes and Epigenetic Markers for Chicken Fatty Liver. International Journal of Molecular Sciences, 2020, 21, 1800.	4.1	11
39	New insights into the associations among feed efficiency, metabolizable efficiency traits and related QTL regions in broiler chickens. Journal of Animal Science and Biotechnology, 2020, 11, 65.	5.3	21
40	Association of SPOP Expression with the Immune Response to Salmonella Infection in Chickens. Animals, 2020, 10, 307.	2.3	2
41	Maternal dietary methionine supplementation influences egg production and the growth performance and meat quality of the offspring. Poultry Science, 2020, 99, 3550-3556.	3.4	3
42	Chicken gga-miR-1306-5p targets Tollip and plays an important role in host response against Salmonella enteritidis infection. Journal of Animal Science and Biotechnology, 2019, 10, 59.	5.3	16
43	Transcriptional insights into key genes and pathways controlling muscle lipid metabolism in broiler chickens. BMC Genomics, 2019, 20, 863.	2.8	61
44	The effect of Epigallocatechinâ€3â€gallate on small intestinal morphology, antioxidant capacity and antiâ€inflammatory effect in heatâ€stressed broilers. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1030-1038.	2.2	20
45	Genome-Wide Association Study of H/L Traits in Chicken. Animals, 2019, 9, 260.	2.3	9
46	A new chicken 55K SNP genotyping array. BMC Genomics, 2019, 20, 410.	2.8	37
47	Genetic Mutation Analysis of High and Low IgY Chickens by Capture Sequencing. Animals, 2019, 9, 272.	2.3	3
48	Host cell interactome of PB1 N40 protein of H5N1 influenza A virus in chicken cells. Journal of Proteomics, 2019, 197, 34-41.	2.4	14
49	Identification of Differentially Expressed Genes and Pathways for Abdominal Fat Deposition in Ovariectomized and Sham-Operated Chickens. Genes, 2019, 10, 155.	2.4	6
50	Relevance of the intestinal health-related pathways to broiler residual feed intake revealed by duodenal transcriptome profiling. Poultry Science, 2019, 98, 1102-1110.	3.4	19
51	Transcriptome Analysis of the Cecal Tonsil of Jingxing Yellow Chickens Revealed the Mechanism of Differential Resistance to Salmonella. Genes, 2019, 10, 979.	2.4	12
52	Follicle-stimulating hormone promotes the transformation of cholesterol to estrogen in mouse adipose tissue. Biochemical and Biophysical Research Communications, 2018, 495, 2331-2337.	2.1	17
53	Genome-Wide Linkage Analysis Identifies Loci for Testicle and Ovary Traits in Chickens. Animal Biotechnology, 2018, 29, 309-315.	1.5	6
54	Intramuscular preadipocytes impede differentiation and promote lipid deposition of muscle satellite cells in chickens. BMC Genomics, 2018, 19, 838.	2.8	39

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55	Messenger RNA Sequencing and Pathway Analysis Provide Novel Insights Into the Susceptibility to Salmonella enteritidis Infection in Chickens. Frontiers in Genetics, 2018, 9, 256.	2.3	20
56	Host Interaction Analysis of PA-N155 and PA-N182 in Chicken Cells Reveals an Essential Role of UBA52 for Replication of H5N1 Avian Influenza Virus. Frontiers in Microbiology, 2018, 9, 936.	3.5	13
57	Exploring Genomic Variants Related to Residual Feed Intake in Local and Commercial Chickens by Whole Genomic Resequencing. Genes, 2018, 9, 57.	2.4	16
58	Alteration of Hepatic Gene Expression along with the Inherited Phenotype of Acquired Fatty Liver in Chicken. Genes, 2018, 9, 199.	2.4	30
59	The effects of inulin on the mucosal morphology and immune status of specific pathogen-free chickens. Poultry Science, 2018, 97, 3938-3946.	3.4	16
60	Selection for growth rate and body size have altered the expression profiles of somatotropic axis genes in chickens. PLoS ONE, 2018, 13, e0195378.	2.5	30
61	Decreased testosterone levels after caponization leads to abdominal fat deposition in chickens. BMC Genomics, 2018, 19, 344.	2.8	20
62	Expression profiles of novel genes and microRNAs involved in lipid deposition in chickenâ€™s adipocyte. Italian Journal of Animal Science, 2018, 17, 593-598.	1.9	2
63	Identification of differentially expressed genes and pathways for intramuscular fat metabolism between breast and thigh tissues of chickens. BMC Genomics, 2018, 19, 55.	2.8	50
64	Allelic variation in TLR4 is linked to resistance to Salmonella Enteritidis infection in chickens. Poultry Science, 2017, 96, 2040-2048.	3.4	17
65	High-salt intake negatively regulates fat deposition in mouse. Scientific Reports, 2017, 7, 2053.	3.3	18
66	Changes of host DNA methylation in domestic chickens infected with Salmonella enterica. Journal of Genetics, 2017, 96, 545-550.	0.7	7
67	Uncovering the embryonic development-related proteome and metabolome signatures in breast muscle and intramuscular fat of fast-and slow-growing chickens. BMC Genomics, 2017, 18, 816.	2.8	51
68	Splenic microRNA Expression Profiles and Integration Analyses Involved in Host Responses to Salmonella enteritidis Infection in Chickens. Frontiers in Cellular and Infection Microbiology, 2017, 7, 377.	3.9	29
69	The regulation of IMF deposition in pectoralis major of fast- and slow- growing chickens at hatching. Journal of Animal Science and Biotechnology, 2017, 8, 77.	5.3	47
70	Protein Profiles for Muscle Development and Intramuscular Fat Accumulation at Different Post-Hatching Ages in Chickens. PLoS ONE, 2016, 11, e0159722.	2.5	40
71	Expression and methylation of microsomal triglyceride transfer protein and acetyl-CoA carboxylase are associated with fatty liver syndrome in chicken. Poultry Science, 2016, 95, 1387-1395.	3.4	19
72	Interactomic landscape of PA-X-chicken protein complexes of H5N1 influenza A virus. Journal of Proteomics, 2016, 148, 20-25.	2.4	16

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73	Host cell interactome of PA protein of H5N1 influenza A virus in chicken cells. Journal of Proteomics, 2016, 136, 48-54.	2.4	24
74	Identification of Histone Deacetylase 2 as a Functional Gene for Skeletal Muscle Development in Chickens. Asian-Australasian Journal of Animal Sciences, 2016, 29, 479-486.	2.4	3
75	The Identification of Loci for Immune Traits in Chickens Using a Genome-Wide Association Study. PLoS ONE, 2015, 10, e0117269.	2.5	33
76	Genome-Wide Linkage Analysis Identifies Loci for Physical Appearance Traits in Chickens. G3: Genes, Genomes, Genetics, 2015, 5, 2037-2041.	1.8	21
77	Identification of loci and genes for growth related traits from a genome-wide association study in a slow- Ã— fast-growing broiler chicken cross. Genes and Genomics, 2015, 37, 829-836.	1.4	29
78	A genome-wide detection of copy number variation using SNP genotyping arrays in Beijing-You chickens. Genetica, 2014, 142, 441-450.	1.1	10
79	Genome-Wide Linkage Analysis and Association Study Identifies Loci for Polydactyly in Chickens. G3: Genes, Genomes, Genetics, 2014, 4, 1167-1172.	1.8	22
80	Folate supplementation modifies CCAAT/enhancer-binding protein Î± methylation to mediate differentiation of preadipocytes in chickens. Poultry Science, 2014, 93, 2596-2603.	3.4	28
81	The identification of 14 new genes for meat quality traits in chicken using a genome-wide association study. BMC Genomics, 2013, 14, 458.	2.8	95
82	Associations of Polymorphisms in Four Candidate Genes with Carcass and/or Meat-Quality Traits in Two Meat-Type Chicken Lines. Animal Biotechnology, 2013, 24, 53-65.	1.5	6
83	Genome-Wide Association Study Identifies Loci and Candidate Genes for Body Composition and Meat Quality Traits in Beijing-You Chickens. PLoS ONE, 2013, 8, e61172.	2.5	117
84	FSH stimulates lipid biosynthesis in chicken adipose tissue by upregulating the expression of its receptor FSHR. Journal of Lipid Research, 2012, 53, 909-917.	4.2	77
85	Epigenetic Modification of TLRs in Leukocytes Is Associated with Increased Susceptibility to Salmonella enteritidis in Chickens. PLoS ONE, 2012, 7, e33627.	2.5	51
86	Up-regulation of the MyD88-dependent pathway of TLR signaling in spleen and caecum of young chickens infected with Salmonella serovar Pullorum. Veterinary Microbiology, 2010, 143, 346-351.	1.9	27
87	Differentially expressed genes in a flock of Chinese local-breed chickens infected with a subgroup J avian leukosis virus using suppression subtractive hybridization. Genetics and Molecular Biology, 2010, 33, 44-50.	1.3	9
88	Association of polymorphisms in adipocyte fatty acid binding protein gene with fat-related traits in chicken. Frontiers of Agriculture in China, 2008, 2, 474-479.	0.2	1
89	A Comparison of Different Tissues Identifies the Main Precursors of Volatile Substances in Chicken Meat. Frontiers in Physiology, 0, 13, .	2.8	1