

Guirong Sun

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,321
citations

331670

21
h-index

454955

30
g-index

82
all docs

82
docs citations

82
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	MiR-29b-1-5p regulates the proliferation and differentiation of chicken primary myoblasts and analysis of its effective targets. <i>Poultry Science</i> , 2022, 101, 101557.	3.4	7
2	Screening and stability analysis of reference genes in fasting caecotrophy model in rabbits. <i>Molecular Biology Reports</i> , 2022, 49, 1057-1065.	2.3	2
3	Weighted gene co-expression network indicates that the DYNLL2 is an important regulator of chicken breast muscle development and is regulated by miR-148a-3p. <i>BMC Genomics</i> , 2022, 23, 258.	2.8	5
4	Genome-wide association study reveals the genetic determinism of growth traits in a Gushi-Anka F2 chicken population. <i>Heredity</i> , 2021, 126, 293-307.	2.6	31
5	LncRNAs and their regulatory networks in breast muscle tissue of Chinese Gushi chickens during late postnatal development. <i>BMC Genomics</i> , 2021, 22, 44.	2.8	14
6	Characteristics and expression profiles of circRNAs during abdominal adipose tissue development in Chinese Gushi chickens. <i>PLoS ONE</i> , 2021, 16, e0249288.	2.5	11
7	Identification and expression analysis of MicroRNAs in chicken spleen in a corticosterone-induced stress model. <i>Research in Veterinary Science</i> , 2021, 136, 287-296.	1.9	4
8	Analysis of miRNA and mRNA reveals core interaction networks and pathways of dexamethasone-induced immunosuppression in chicken bursa of Fabricius. <i>Molecular Immunology</i> , 2021, 134, 34-47.	2.2	12
9	The Chicken Pan-Genome Reveals Gene Content Variation and a Promoter Region Deletion in <i>IGF2BP1</i> Affecting Body Size. <i>Molecular Biology and Evolution</i> , 2021, 38, 5066-5081.	8.9	70
10	Identification of genes related to stress affecting thymus immune function in a chicken stress model using transcriptome analysis. <i>Research in Veterinary Science</i> , 2021, 138, 90-99.	1.9	5
11	TMT-based quantitative proteomic analysis reveals the spleen regulatory network of dexamethasone-induced immune suppression in chicks. <i>Journal of Proteomics</i> , 2021, 248, 104353.	2.4	6
12	Use of transcriptomic analysis to identify microRNAs related to the effect of stress on thymus immune function in a chicken stress model. <i>Research in Veterinary Science</i> , 2021, 140, 233-241.	1.9	4
13	Effects of miR-125b-5p on Preadipocyte Proliferation and Differentiation in Chicken. <i>Molecular Biology Reports</i> , 2021, 48, 491-502.	2.3	5
14	Metabolome and Transcriptome Analysis of Liver and Oocytes of <i>Schizothorax oacconnori</i> Raised in Captivity. <i>Frontiers in Genetics</i> , 2021, 12, 677066.	2.3	1
15	Target gene identification and functional characterization of miR-1704 in chicken. <i>Animal Biotechnology</i> , 2020, 31, 229-236.	1.5	0
16	Molecular characterization and a duplicated 31-bp indel within the LDB2 gene and its associations with production performance in chickens. <i>Gene</i> , 2020, 761, 145046.	2.2	13
17	Breeding history and candidate genes responsible for black skin of Xichuan black-bone chicken. <i>BMC Genomics</i> , 2020, 21, 511.	2.8	32
18	Identification of genes related to dexamethasone-induced immunosuppression in chicken thymus using transcriptome analysis. <i>Research in Veterinary Science</i> , 2020, 132, 318-327.	1.9	11

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19	Transcriptomic Analysis of Spleen Revealed Mechanism of Dexamethasone-Induced Immune Suppression in Chicks. <i>Genes</i> , 2020, 11, 513.	2.4	12
20	MiRNAs and mRNAs Analysis during Abdominal Preadipocyte Differentiation in Chickens. <i>Animals</i> , 2020, 10, 468.	2.3	25
21	Estrogen Abolishes the Repression Role of gga-miR-221-5p Targeting ELOVL6 and SQLE to Promote Lipid Synthesis in Chicken Liver. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1624.	4.1	15
22	Comprehensive Transcriptome Analysis of lncRNAs Reveals the Role of lncAD in Chicken Intramuscular and Abdominal Adipogenesis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3678-3688.	5.2	15
23	Identification of genes related to effects of stress on immune function in the spleen in a chicken stress model using transcriptome analysis. <i>Molecular Immunology</i> , 2020, 124, 180-189.	2.2	24
24	Detection of CNV in the SH3RF2 gene and its effects on growth and carcass traits in chickens. <i>BMC Genetics</i> , 2020, 21, 22.	2.7	9
25	High-throughput transcriptome analysis reveals potentially important relationships between lncRNAs and genes in broilers affected by Valgus-varus Deformity (<i>Gallus gallus</i>). <i>Gene</i> , 2020, 743, 144511.	2.2	8
26	Influence of cecotrophy on fat metabolism mediated by caecal microorganisms in New Zealand white rabbits. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 749-757.	2.2	10
27	Characteristics of the fecal microbiota of high- and low-yield hens and effects of fecal microbiota transplantation on egg production performance. <i>Research in Veterinary Science</i> , 2020, 129, 164-173.	1.9	27
28	Analysis of four complete linkage sequence variants within a novel lncRNA located in a growth QTL on chromosome 1 related to growth traits in chickens. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	31
29	The Landscape of DNA Methylation Associated With the Transcriptomic Network of Intramuscular Adipocytes Generates Insight Into Intramuscular Fat Deposition in Chicken. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 206.	3.7	18
30	MicroRNA Sequencing Reveals the Effect of Different Levels of Non-Fibrous Carbohydrate/Neutral Detergent Fiber on Rumen Development in Calves. <i>Animals</i> , 2019, 9, 496.	2.3	7
31	Identification of a novel 43-bp insertion in the heparan sulfate 6-O-sulfotransferase 3 (HS6ST3) gene and its associations with growth and carcass traits in chickens. <i>Animal Biotechnology</i> , 2019, 30, 252-259.	1.5	18
32	Combined transcriptomics and proteomics forecast analysis for potential genes regulating the Columbian plumage color in chickens. <i>PLoS ONE</i> , 2019, 14, e0210850.	2.5	16
33	MicroRNAs and their regulatory networks in Chinese Gushi chicken abdominal adipose tissue during postnatal late development. <i>BMC Genomics</i> , 2019, 20, 778.	2.8	23
34	Identification of differentially expressed genes and pathways between intramuscular and abdominal fat-derived preadipocyte differentiation of chickens in vitro. <i>BMC Genomics</i> , 2019, 20, 743.	2.8	42
35	MicroRNA-15a Regulates the Differentiation of Intramuscular Preadipocytes by Targeting ACAA1, ACOX1 and SCP2 in Chickens. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4063.	4.1	25
36	Transcriptome Analysis of the Effects of Fasting Caecotrophy on Hepatic Lipid Metabolism in New Zealand Rabbits. <i>Animals</i> , 2019, 9, 648.	2.3	10

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37	Transcriptome Analysis of the Breast Muscle of Xichuan Black-Bone Chickens Under Tyrosine Supplementation Revealed the Mechanism of Tyrosine-Induced Melanin Deposition. <i>Frontiers in Genetics</i> , 2019, 10, 457.	2.3	19
38	gga-miRNA-18b-3p Inhibits Intramuscular Adipocytes Differentiation in Chicken by Targeting the ACOT13 Gene. <i>Cells</i> , 2019, 8, 556.	4.1	30
39	Association Between the Methylation Statuses at CpG Sites in the Promoter Region of the SLCO1B3, RNA Expression and Color Change in Blue Eggshells in Lushi Chickens. <i>Frontiers in Genetics</i> , 2019, 10, 161.	2.3	16
40	Analyses of MicroRNA and mRNA Expression Profiles Reveal the Crucial Interaction Networks and Pathways for Regulation of Chicken Breast Muscle Development. <i>Frontiers in Genetics</i> , 2019, 10, 197.	2.3	39
41	Integrative analysis of long noncoding RNA and mRNA reveals candidate lncRNAs responsible for meat quality at different physiological stages in Gushi chicken. <i>PLoS ONE</i> , 2019, 14, e0215006.	2.5	18
42	Weighted gene coexpression network analysis identifies specific transcriptional modules and hub genes related to intramuscular fat traits in chicken breast muscle. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13625-13639.	2.6	11
43	LncRNA IMFNCR Promotes Intramuscular Adipocyte Differentiation by Sponging miR-128-3p and miR-27b-3p. <i>Frontiers in Genetics</i> , 2019, 10, 42.	2.3	50
44	miRNA-223 targets the GPAM gene and regulates the differentiation of intramuscular adipocytes. <i>Gene</i> , 2019, 685, 106-113.	2.2	42
45	Transcriptom analysis revealed regulation of dexamethasone induced microRNAs in chicken thymus. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6570-6579.	2.6	15
46	Sequencing and characterization of lncRNAs in the breast muscle of Gushi and Arbor Acres chickens. <i>Genome</i> , 2018, 61, 337-347.	2.0	24
47	Comparative transcriptome analysis of hypothalamus-regulated feed intake induced by exogenous visfatin in chicks. <i>BMC Genomics</i> , 2018, 19, 249.	2.8	17
48	Transcriptome analysis of differentially expressed genes in rabbits' ovaries by digital gene-expression profiling. <i>Genes and Genomics</i> , 2018, 40, 687-700.	1.4	1
49	Transcriptome profile in bursa of Fabricius reveals potential mode for stress-influenced immune function in chicken stress model. <i>BMC Genomics</i> , 2018, 19, 918.	2.8	25
50	Integrated Analysis of MiRNA and Genes Associated with Meat Quality Reveals that Gga-MiR-140-5p Affects Intramuscular Fat Deposition in Chickens. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 2421-2433.	1.6	46
51	Characterization of miRNA transcriptome profiles related to breast muscle development and intramuscular fat deposition in chickens. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7063-7079.	2.6	41
52	Genome-wide DNA methylation profiles reveal novel candidate genes associated with meat quality at different age stages in hens. <i>Scientific Reports</i> , 2017, 7, 45564.	3.3	61
53	Cloning and expression analysis of zygote arrest 1 (Zar1) in New Zealand white rabbits. <i>Journal of Genetics</i> , 2017, 96, 3-8.	0.7	6
54	Study on the role of gga-miRNA-200a in regulating cell differentiation and proliferation of chicken breast muscle by targeting Grb2. <i>Animal Cells and Systems</i> , 2017, 21, 365-373.	2.2	8

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55	Molecular characterization and expression of the GDF9 gene in New Zealand white rabbits. <i>Journal of Genetics</i> , 2017, 96, 313-318.	0.7	4
56	Characterization of Copy Number Variation's Potential Role in Marek's Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1020.	4.1	9
57	Estrogen Promotes Hepatic Synthesis of Long-Chain Polyunsaturated Fatty Acids by Regulating ELOVL5 at Post-Transcriptional Level in Laying Hens. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1405.	4.1	27
58	Effect of pre-miRNA-1658 gene polymorphism on chicken growth and carcass traits. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 455-461.	2.4	7
59	Systematic analysis of the regulatory functions of microRNAs in chicken hepatic lipid metabolism. <i>Scientific Reports</i> , 2016, 6, 31766.	3.3	36
60	POLYMORPHISM OF EXON 2 IN BONE MORPHOGENETIC PROTEIN 7 GENE AND CORRELATION ANALYSIS WITH SOW REPRODUCTIVE TRAITS. , 2016, , .		0
61	SNP in pre-miR-1666 decreases mature miRNA expression and is associated with chicken performance. <i>Genome</i> , 2015, 58, 81-90.	2.0	10
62	Effect of polymorphism within miRNA-1606 gene on growth and carcass traits in chicken. <i>Gene</i> , 2015, 566, 8-12.	2.2	16
63	Association study of a common genetic variant in pre-miR-1596 with chicken performance traits. <i>Molecular Biology Reports</i> , 2014, 41, 7175-7181.	2.3	2
64	Modulation of growth and immunity by dietary supplementation with resveratrol in young chickens receiving conventional vaccinations. <i>American Journal of Veterinary Research</i> , 2014, 75, 752-759.	0.6	23
65	MicroRNAs-1614-3p gene seed region polymorphisms and association analysis with chicken production traits. <i>Journal of Applied Genetics</i> , 2013, 54, 209-213.	1.9	14
66	Molecular cloning and SNP association analysis of chicken PMCH gene. <i>Molecular Biology Reports</i> , 2013, 40, 5049-5055.	2.3	11
67	Cloning of TPO gene and associations of polymorphisms with chicken growth and carcass traits. <i>Molecular Biology Reports</i> , 2013, 40, 3437-3443.	2.3	5
68	Polymorphisms of the bone morphogenetic protein 7 gene (BMP7) and association analysis with sow productive traits. <i>Animal Reproduction Science</i> , 2013, 142, 56-62.	1.5	8
69	Effect of Î³-aminobutyric acid on growth performance and immune function in chicks under beak trimming stress. <i>Animal Science Journal</i> , 2013, 84, 121-129.	1.4	27
70	Distinct tissue expression profiles of chicken Lpin1-Î±/Î² isoforms and the effect of the variation on muscle fiber traits. <i>Gene</i> , 2013, 515, 281-290.	2.2	8
71	The Identification of a Novel Transcript Variant of Chicken <i>Lmbr1</i> and the Sequence Variation Analysis. <i>Journal of Poultry Science</i> , 2013, 50, 104-113.	1.6	0
72	Polymorphisms of the interleukin-15 gene and their associations with fatness and muscle fiber traits in chickens. <i>Journal of Applied Genetics</i> , 2012, 53, 443-448.	1.9	4

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73	Effect of Beak Trimming Stress on the Apoptosis and Its Related Protein Expression of Chicken Spleen. <i>Journal of Integrative Agriculture</i> , 2012, 11, 639-645.	3.5	2
74	Polymorphisms of the pro-opiomelanocortin and agouti-related protein genes and their association with chicken production traits. <i>Molecular Biology Reports</i> , 2012, 39, 7533-7539.	2.3	17
75	Novel SNPs in the PRDM16 gene and their associations with performance traits in chickens. <i>Molecular Biology Reports</i> , 2012, 39, 3153-3160.	2.3	38
76	Screening Genes Related to Breast Blister (Keel Cyst) in Chicken by Delta Differential Display. <i>Asian Journal of Animal and Veterinary Advances</i> , 2012, 7, 989-997.	0.0	0
77	Characterization and expression of bone morphogenetic protein 4 gene in postnatal pigs. <i>Molecular Biology Reports</i> , 2010, 37, 2369-2377.	2.3	7
78	Molecular Cloning, Characterization, and Expression Analysis of Chicken Δ^6 Desaturase. <i>Asian-Australasian Journal of Animal Sciences</i> , 2010, 23, 116-121.	2.4	6