Ji wen Wang

List of Publications by Citations

97 papers	683 citations	13 h-index	18 g-index
107 ext. papers	958 ext. citations	3.2 avg, IF	3.6 L-index

#	Paper	IF	Citations
97	Evaluation of composition and individual variability of rumen microbiota in yaks by 16S rRNA high-throughput sequencing technology. *Anaerobe*, **2015**, 34, 74-9	2.8	37
96	Leptin exerts proliferative and anti-apoptotic effects on goose granulosa cells through the PI3K/Akt/mTOR signaling pathway. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 149, 70-9	5.1	34
95	The role of insulin and glucose in goose primary hepatocyte triglyceride accumulation. *Journal of Experimental Biology*, **2009**, 212, 1553-8	3	28
94	The impact of diet on the composition and relative abundance of rumen microbes in goat. *Asian-Australasian Journal of Animal Sciences*, **2017**, 30, 531-537	2.4	23
93	Effect of Overfeeding on Plasma Parameters and mRNA Expression of Genes Associated with Hepatic Lipogenesis in Geese. *Asian-Australasian Journal of Animal Sciences*, **2008**, 21, 590-595	2.4	21
92	In ovo feeding of IGF-1 to ducks influences neonatal skeletal muscle hypertrophy and muscle mass growth upon satellite cell activation. *Journal of Cellular Physiology*, **2012**, 227, 1465-75	7	20
91	Effects of palmitic acid on lipid metabolism homeostasis and apoptosis in goose primary hepatocytes. *Molecular and Cellular Biochemistry*, **2011**, 350, 39-46	4.2	17
90	In ovo administration of rhIGF-1 to duck eggs affects the expression of myogenic transcription factors and muscle mass during late embryo development. *Journal of Applied Physiology*, **2011**, 111, 1789-97	3.7	17
89	Bmp4 inhibits goose granulosa cell apoptosis via PI3K/AKT/Caspase-9 signaling pathway. *Animal Reproduction Science*, **2019**, 200, 86-95	2.1	16
88	Evidence in duck for supporting alteration of incubation temperature may have influence on methylation of genomic DNA. *Poultry Science*, **2015**, 94, 2537-45	3.9	15
87	mRNA and miRNA Transcriptome Profiling of Granulosa and Theca Layers From Geese Ovarian Follicles Reveals the Crucial Pathways and Interaction Networks for Regulation of Follicle Selection. *Frontiers in Genetics*, **2019**, 10, 988	4.5	14
86	Role of leptin in the regulation of sterol/steroid biosynthesis in goose granulosa cells. *Theriogenology*, **2014**, 82, 677-85	2.8	14
85	The role of LXR alpha in goose primary hepatocyte lipogenesis. *Molecular and Cellular Biochemistry*, **2009**, 322, 37-42	4.2	14
84	Establishment of an culture model of theca cells from hierarchical follicles in ducks. *Bioscience Reports*, **2017**, 37,	4.1	13
83	Molecular cloning, expression profile and transcriptional modulation of two splice variants of very low density lipoprotein receptor during ovarian follicle development in geese (Anser cygnoide). *Animal Reproduction Science*, **2014**, 149, 281-96	2.1	13
82	Follistatin could promote the proliferation of duck primary myoblasts by activating PI3K/Akt/mTOR signalling. *Bioscience Reports*, **2014**, 34,	4.1	13
81	Dynamic characteristics of lipid metabolism in cultured granulosa cells from geese follicles at different developmental stages. *Bioscience Reports*, **2019**, 39,	4.1	13

80	Thermal manipulation during the middle incubation stage has a repressive effect on the immune organ development of Peking ducklings. *Journal of Thermal Biology*, **2013**, 38, 520-523	2.9	12
79	Injection of duck recombinant follistatin fusion protein into duck muscle tissues stimulates satellite cell proliferation and muscle fiber hypertrophy. *Applied Microbiology and Biotechnology*, **2012**, 94, 1255-63	3.7	12
78	Impact of thermal stress during incubation on gene expression in embryonic muscle of Peking ducks (Anasplatyrhynchos domestica). *Journal of Thermal Biology*, **2015**, 53, 80-9	2.9	11
77	Comparative Transcriptome Analysis Suggests Key Roles for 5-Hydroxytryptamlne Receptors in Control of Goose Egg Production. *Genes*, **2020**, 11,	4.2	11
76	Histological and developmental study of prehierarchical follicles in geese. *Folia Biologica*, **2014**, 62, 171-7	0.7	11
75	Molecular cloning and in silico analysis of the duck (Anas platyrhynchos) MEF2A gene cDNA and its expression profile in muscle tissues during fetal development. *Genetics and Molecular Biology*, **2012**, 35, 182-90	2	11
74	Comparison of growth characteristics of cultured granulosa cells from geese follicles at different developmental stages. *Bioscience Reports*, **2018**, 38,	4.1	10
73	The effects of endoplasmic reticulum stress response on duck decorin stimulate myotube hypertrophy in myoblasts. *Molecular and Cellular Biochemistry*, **2013**, 377, 151-61	4.2	10
72	Evolutionary Pattern and Regulation Analysis to Support Why Diversity Functions Existed within PPAR Gene Family Members. *BioMed Research International*, **2015**, 2015, 613910	3	10
71	De novo lipogenesis in the liver and adipose tissues of ducks during early growth stages after hatching. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2012**, 163, 154-60	2.3	10
70	Cloning and expression of stearoyl-CoA desaturase 1 (SCD-1) in the liver of the Sichuan white goose and landes goose responding to overfeeding. *Molecular Biology Reports*, **2011**, 38, 3417-25	2.8	10
69	Screening and identification of differentially expressed genes in goose hepatocytes exposed to free fatty acid. *Journal of Cellular Biochemistry*, **2010**, 111, 1482-92	4.7	10
68	Evidence for the existence of de novo lipogenesis in goose granulosa cells. *Poultry Science*, **2019**, 98, 1023-1030	3.9	10
67	Transcriptome analysis revealed the possible regulatory pathways initiating female geese broodiness within the hypothalamic-pituitary-gonadal axis. *PLoS ONE*, **2018**, 13, e0191213	3.7	9
66	Transcriptional Profiling Identifies Location-Specific and Breed-Specific Differentially Expressed Genes in Embryonic Myogenesis in Anas Platyrhynchos. *PLoS ONE*, **2015**, 10, e0143378	3.7	8
65	Identification of differentially expressed genes between hepatocytes of Landes geese (Anser anser) and Sichuan White geese (Anser cygnoides). *Molecular Biology Reports*, **2010**, 37, 4059-66	2.8	8
64	Estimation of Lipoprotein-lipase Activity (LPL) and Other Biochemical Changes in Two Breeds of Overfeeding Geese. *Asian-Australasian Journal of Animal Sciences*, **2010**, 23, 1221-1228	2.4	8
63	The comprehensive mechanisms underlying nonhierarchical follicular development in geese (Anser cygnoides). *Animal Reproduction Science*, **2015**, 159, 131-40	2.1	7

62	A 14-bp insertion in endothelin receptor B-like (EDNRB2) is associated with white plumage in Chinese geese. *BMC Genomics*, **2020**, 21, 162	4.5	7
61	Transcription factors GATA-4 and GATA-6: molecular characterization, expression patterns and possible functions during goose (Anser cygnoides) follicle development. *Journal of Reproduction and Development*, **2014**, 60, 83-91	2.1	7
60	Molecular evolutionary analysis of the duck MYOD gene family and its differential expression pattern in breast muscle development. *British Poultry Science*, **2011**, 52, 423-31	1.9	7
59	Six1 induces protein synthesis signaling expression in duck myoblasts mainly via up-regulation of mTOR. *Genetics and Molecular Biology*, **2016**, 39, 151-61	2	7
58	Transcriptomic analysis between Normal and high-intake feeding geese provides insight into adipose deposition and susceptibility to fatty liver in migratory birds. *BMC Genomics*, **2019**, 20, 372	4.5	6
57	Transcriptome reveals B lymphocyte apoptosis in duck embryonic bursa of Fabricius mediated by mitochondrial and Fas signaling pathways. *Molecular Immunology*, **2018**, 101, 120-129	4.3	6
56	Molecular characterization, tissue distribution, and expression of two ovarian Dicer isoforms during follicle development in goose (Anser cygnoides). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2014**, 170, 33-41	2.3	6
55	Long-term thermal manipulation in the late incubation period can inhibit breast muscle development by activating endoplasmic reticulum stress in duck (Anasplatyrhynchos domestica). *Journal of Thermal Biology*, **2017**, 70, 37-45	2.9	6
54	Effects of linoleate on cell viability and lipid metabolic homeostasis in goose primary hepatocytes. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2011**, 159, 113-8	2.6	6
53	Pacific Biosciences assembly with Hi-C mapping generates an improved, chromosome-level goose genome. *GigaScience*, **2020**, 9,	7.6	6
52	Akirin2 could promote the proliferation but not the differentiation of duck myoblasts via the activation of the mTOR/p70S6K signaling pathway. *International Journal of Biochemistry and Cell Biology*, **2016**, 79, 298-307	5.6	6
51	Molecular cloning and expression pattern of duck Six1 and its preliminary functional analysis in myoblasts transfected with eukaryotic expression vector. *Indian Journal of Biochemistry and Biophysics*, **2014**, 51, 271-81		6
50	Evidences in duck (Anas platyrhynchos) by transcriptome data for supporting the biliverdin was mainly synthesized by shell gland. *Poultry Science*, **2019**, 98, 2260-2271	3.9	5
49	Differential actions of diacylglycerol acyltransferase (DGAT) 1 and 2 in regulating lipid metabolism and progesterone secretion of goose granulosa cells. *Journal of Steroid Biochemistry and Molecular Biology*, **2020**, 202, 105721	5.1	5
48	Dynamics of the Transcriptome and Accessible Chromatin Landscapes During Early Goose Ovarian Development. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 196	5.7	5
47	Molecular cloning, characterization and expression analysis of C/EBP □□and □in adipose-related tissues and adipocyte of duck (Anas platyrhynchos). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2018**, 221-222, 29-43	2.3	5
46	Gene expression patterns, and protein metabolic and histological analyses for muscle development in Peking duck. *Poultry Science*, **2014**, 93, 3104-11	3.9	5
45	Effects of rosiglitazone on proliferation and differentiation of duck preadipocytes. *In Vitro Cellular and Developmental Biology - Animal*, **2016**, 52, 174-81	2.6	4

44	Molecular cloning of the duck MyoG and MRF4 genes coding region sequence and their differential expression patterns in the breast and leg muscle during fetal development. *Canadian Journal of Animal Science*, **2010**, 90, 179-188	0.9	4
43	miR-365 inhibits duck myoblast proliferation by targeting IGF-I via PI3K/Akt pathway. *Bioscience Reports*, **2019**, 39,	4.1	4
42	-Mediated Lipid Metabolism Regulates Goose Granulosa Cells Apoptosis and Steroidogenesis. *Frontiers in Physiology*, **2020**, 11, 600	4.6	3
41	Effects of the regulation of follistatin mRNA expression by IGF-1 in duck (Anas platyrhynchos) skeletal muscle. *Growth Hormone and IGF Research*, **2014**, 24, 35-41	2	3
40	Molecular cloning, expression analysis and developmental changes in ovarian follicles of goose 3hydroxysteroid dehydrogenase 1. *Animal Production Science*, **2014**, 54, 992	1.4	3
39	Effect of cholesterol on lipogenesis and VLDL-TG assembly and secretion in goose primary hepatocytes. *Molecular and Cellular Biochemistry*, **2013**, 374, 163-72	4.2	3
38	Silencing Pax3 by shRNA inhibits the proliferation and differentiation of duck (Anas platyrhynchos) myoblasts. *Molecular and Cellular Biochemistry*, **2014**, 386, 211-22	4.2	3
37	Expression profile of insulin-like growth factor system genes in muscle tissues during the postnatal development growth stage in ducks. *Genetics and Molecular Research*, **2013**, 12, 4500-14	1.2	3
36	MicroRNA-33a negatively regulates myoblast proliferation by targeting IGF1, follistatin and cyclin D1. *Bioscience Reports*, **2020**, 40,	4.1	3
35	Exploration of the effects of goose TCs on GCs at different follicular stages using a co-culture model. *Bioscience Reports*, **2020**, 40,	4.1	3
34	Molecular characterization, expression and cellular localization of CYP17 gene during geese (Anser cygnoides) follicular development. *Gene*, **2018**, 658, 184-190	3.8	2
33	Discovery, Characterization, and Functional Study of a Novel MEF2D CAG Repeat in Duck (Anas platyrhynchos). *DNA and Cell Biology*, **2016**, 35, 398-409	3.6	2
32	Molecular cloning of the duck MEF2C gene cDNA coding domain sequence and its expression during fetal muscle tissue development. *Genes and Genomics*, **2013**, 35, 317-325	2.1	2
31	Polymorphism of follicle stimulating hormone beta (FSH)subunit gene and its association with litter traits in giant panda. *Molecular Biology Reports*, **2013**, 40, 6281-6	2.8	2
30	Five novel variants of GPR103 and their expression in different tissues of goose (Anser cygnoides). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2014**, 171, 18-25	2.3	2
29	Tissue specific expression of Pax3/7 and MyoD in adult duck tissues. *Journal of Applied Animal Research*, **2012**, 40, 284-288	1.7	2
28	Advances in Animal Fatty Acid Transmembrane Transport Proteins FATP1 and FATP4. *Journal of Animal and Veterinary Advances*, **2012**, 11, 2064-2069	0.1	2
27	Role of stearyl-coenzyme A desaturase 1 in mediating the effects of palmitic acid on endoplasmic reticulum stress, inflammation, and apoptosis in goose primary hepatocytes. *Animal Bioscience*, **2021**, 34, 1210-1220	0	2

26	Effect of thermal manipulation during embryogenesis on the promoter methylation and expression of myogenesis-related genes in duck skeletal muscle. *Journal of Thermal Biology*, **2019**, 80, 75-81	2.9	2
25	Co-culture model reveals the characteristics of theca cells and the effect of granulosa cells on theca cells at different stages of follicular development. *Reproduction in Domestic Animals*, **2021**, 56, 58-73	1.6	2
24	Akirin1 promotes myoblast differentiation by modulating multiple myoblast differentiation factors. *Bioscience Reports*, **2019**, 39,	4.1	1
23	Cloning, characterization and expression of Peking duck fatty acid synthase during adipocyte differentiation. *Electronic Journal of Biotechnology*, **2014**, 17, 251-261	3.1	1
22	Influence of recombinant duck follistatin protein on embryonic muscle development and gene expressions. *Journal of Animal Physiology and Animal Nutrition*, **2014**, 98, 522-9	2.6	1
21	Construction of a eukaryotic expression vector for pEGFP-FST and its biological activity in duck myoblasts. *Electronic Journal of Biotechnology*, **2014**, 17, 224-229	3.1	1
20	The cloning, characterization, and expression profiling of the LRP8 gene in duck (Anas platyrhynchos). *Molecular and Cellular Biochemistry*, **2013**, 375, 139-49	4.2	1
19	Molecular cloning of the two very low-density lipoprotein receptor (VLDLR) subtypes in geese and the effect of overfeeding on their MRNA levels. *Canadian Journal of Animal Science*, **2009**, 89, 441-448	0.9	1
18	Enrichment and verification of differentially expressed miRNAs in bursa of Fabricius in two breeds of duck. *Asian-Australasian Journal of Animal Sciences*, **2017**, 30, 920-929	2.4	1
17	Metabolomic Analysis of during Goose Follicular Development: Implications for Lipid Metabolism. *Genes*, **2020**, 11,	4.2	1
16	Genome-wide association analysis reveals that EDNRB2 causes a dose-dependent loss of pigmentation in ducks. *BMC Genomics*, **2021**, 22, 381	4.5	1
15	Integrative analysis of histomorphology, transcriptome and whole genome resequencing identified DIO2 gene as a crucial gene for the protuberant knob located on forehead in geese. *BMC Genomics*, **2021**, 22, 487	4.5	1
14	Characterization of the duck (Anas platyrhynchos) Rbm24 and Rbm38 genes and their expression profiles in myoblast and skeletal muscle tissues. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2016**, 198, 27-36	2.3	1
13	The differences in intestinal growth and microorganisms between male and female ducks. *Poultry Science*, **2021**, 100, 1167-1177	3.9	1
12	Duck promoter cloning and the effects of methylation status on mRNA levels in immune tissues. *Central-European Journal of Immunology*, **2018**, 43, 389-398	1.6	1
11	Lipidomics profiling of goose granulosa cell model of stearoyl-CoA desaturase function identifies a pattern of lipid droplets associated with follicle development. *Cell and Bioscience*, **2021**, 11, 95	9.8	0
10	Comparative transcriptome analysis identifies crucial candidate genes and pathways in the hypothalamic-pituitary-gonadal axis during external genitalia development of male geese.. *BMC Genomics*, **2022**, 23, 136	4.5	0
9	The contributions of hepatic de novo lipogenesis to the difference in body fat mass of genetically lean and fat duck breeds. *Journal of Applied Animal Research*, **2018**, 46, 845-853	1.7	

8	Effect of a Synthetic Liver X Receptor Agonist TO901317 on Cholesterol Concentration in Goose Primary Hepatocytes. *Italian Journal of Animal Science*, **2014**, 13, 2979	2.2
7	Tissue Distribution of Lipoprotein Lipase (LPL) and Regulation of LPL Gene Expression Induced by Insulin and Glucose in Goose Primary Hepatocytes. *Journal of Poultry Science*, **2010**, 47, 139-143	1.6
6	Analysis of mRNA expression of genes related to synthesis of fatty acids in goose fatty liver. *Italian Journal of Animal Science*, **2010**, 9, e83	2.2
5	Cloning of MRF4 Gene CDS and Its mRNA Expression in Heart Tissues During Duck Embryonic Development. *Journal of Applied Animal Research*, **2010**, 37, 185-189	1.7
4	Expression, distribution and regulation of RIG-1 in duck bursa of Fabricius during innate immune development. *Gene*, **2021**, 771, 145342	3.8
3	Retraction notice to: "Role of Mammalian sirtuin 1 (SIRT1) in lipids metabolism and cell proliferation of goose primary hepatocytes" MCE Volume 382, Issue 1, 25 January 2014, Pages 282-291. *Molecular and Cellular Endocrinology*, **2018**, 470, 304	4.4
2	Integrated mRNA and miRNA transcriptome analysis provides novel insights into the molecular mechanisms underlying goose pituitary development during the embryo-to-hatchling transition. *Poultry Science*, **2021**, 100, 101380	3.9
1	Molecular characterization, expression profile and transcriptional regulation of the CYP19 gene in goose ovarian follicles. *Gene*, **2022**, 806, 145928	3.8