Liang Li

List of Publications by Year in Descending Order

75 papers	607 citations	13 h-index	19 g-index
80 ext. papers	845 ext. citations	3.4 avg, IF	3.37 L-index

#	Paper	IF	Citations
75	Study on the effect of different types of sugar on lipid deposition in goose fatty liver.. *Poultry Science*, **2022**, 101, 101729	3.9	0
74	Construction of adenovirus vector expressing duck sclerostin and its induction effect on myogenic proliferation and differentiation in vitro.. *Molecular Biology Reports*, **2022**, 49, 3187	2.8	
73	Molecular characterization, expression profile and transcriptional regulation of the CYP19 gene in goose ovarian follicles. *Gene*, **2022**, 806, 145928	3.8	
72	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
71	Genome-wide association analysis reveals that EDNRB2 causes a dose-dependent loss of pigmentation in ducks. *BMC Genomics*, **2021**, 22, 381	4.5	1
70	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
69	Role of forkhead box protein O1 and insulin on cell proliferation mediated by sirtuin 1 in goose primary hepatocytes. *Journal of Applied Poultry Research*, **2021**, 30, 100144	2	0
68	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
67	The differences in intestinal growth and microorganisms between male and female ducks. *Poultry Science*, **2021**, 100, 1167-1177	3.9	1
66	Expression, distribution and regulation of RIG-1 in duck bursa of Fabricius during innate immune development. *Gene*, **2021**, 771, 145342	3.8	
65	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
64	Effect of fermentation bed on bacterial growth in the fermentation mattress material and cecum of ducks. *Archives of Microbiology*, **2021**, 203, 1489-1497	3	2
63	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	
62	Effect of feed restriction on the intestinal microbial community structure of growing ducks.. *Archives of Microbiology*, **2021**, 204, 85	3	0
61	-Mediated Lipid Metabolism Regulates Goose Granulosa Cells Apoptosis and Steroidogenesis. *Frontiers in Physiology*, **2020**, 11, 600	4.6	3
60	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
59	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

58	Comparative Transcriptome Analysis Suggests Key Roles for 5-Hydroxytryptamlne Receptors in Control of Goose Egg Production. *Genes*, **2020**, 11,	4.2	11
57	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
56	Transcriptome Reveals Multi Pigmentation Genes Affecting Dorsoventral Pattern in Avian Body. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 560766	5.7	3
55	Metabolomic Analysis of during Goose Follicular Development: Implications for Lipid Metabolism. *Genes*, **2020**, 11,	4.2	1
54	A core effector UV_1261 promotes Ustilaginoidea virens infection via spatiotemporally suppressing plant defense. *Phytopathology Research*, **2019**, 1,	4.1	11
53	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
52	Dynamic characteristics of lipid metabolism in cultured granulosa cells from geese follicles at different developmental stages. *Bioscience Reports*, **2019**, 39,	4.1	13
51	Evidence for the existence of de novo lipogenesis in goose granulosa cells. *Poultry Science*, **2019**, 98, 1023-1030	3.9	10
50	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
49	Molecular characterization, expression and cellular localization of CYP17 gene during geese (Anser cygnoides) follicular development. *Gene*, **2018**, 658, 184-190	3.8	2
48	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
47	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
46	Establishment of an culture model of theca cells from hierarchical follicles in ducks. *Bioscience Reports*, **2017**, 37,	4.1	13
45	Rhythmic expression of circadian clock genes in the preovulatory ovarian follicles of the laying hen. *PLoS ONE*, **2017**, 12, e0179019	3.7	7
44	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
43	Insulin Stimulates Goose Liver Cell Growth by Activating PI3K-AKT-mTOR Signal Pathway. *Cellular Physiology and Biochemistry*, **2016**, 38, 558-70	3.9	19
42	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
41	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

40	The comprehensive mechanisms underlying nonhierarchical follicular development in geese (Anser cygnoides). *Animal Reproduction Science*, **2015**, 159, 131-40	2.1	7
39	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
38	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
37	Infection of Ustilaginoidea virens intercepts rice seed formation but activates grain-filling-related genes. *Journal of Integrative Plant Biology*, **2015**, 57, 577-90	8.3	40
36	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
35	Evolutionary Pattern and Regulation Analysis to Support Why Diversity Functions Existed within PPAR Gene Family Members. *BioMed Research International*, **2015**, 2015, 613910	3	10
34	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
33	The Regulation of Lipid Deposition by Insulin in Goose Liver Cells Is Mediated by the PI3K-AKT-mTOR Signaling Pathway. *PLoS ONE*, **2015**, 10, e0098759	3.7	23
32	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
31	Gene expression patterns, and protein metabolic and histological analyses for muscle development in Peking duck. *Poultry Science*, **2014**, 93, 3104-11	3.9	5
30	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
29	Role of leptin in the regulation of sterol/steroid biosynthesis in goose granulosa cells. *Theriogenology*, **2014**, 82, 677-85	2.8	14
28	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
27	Influence of in ovo thermal manipulation on lipid metabolism in embryonic duck liver. *Journal of Thermal Biology*, **2014**, 43, 40-5	2.9	7
26	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
25	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	
24	Histological and developmental study of prehierarchical follicles in geese. *Folia Biologica*, **2014**, 62, 171-7	0.7	11
23	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

22	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
21	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
20	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
19	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
18	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
17	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
16	Tissue specific expression of Pax3/7 and MyoD in adult duck tissues. *Journal of Applied Animal Research*, **2012**, 40, 284-288	1.7	2
15	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
14	Developmental expression and alternative splicing of the duck myostatin gene. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2011**, 6, 238-43	2	9
13	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
12	Characterization of in vitro cultured myoblasts isolated from duck (Anas platyrhynchos) embryo. *Cytotechnology*, **2011**, 63, 399-406	2.2	12
11	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
10	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
9	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	
8	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	
7	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
6	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
5	MyoD expression profile and developmental differences of leg and breast muscle in Peking duck (Anas platyrhynchos Domestica) during embryonic to neonatal stages. *Micron*, **2010**, 41, 847-52	2.3	15

4	The role of insulin and glucose in goose primary hepatocyte triglyceride accumulation. *Journal of Experimental Biology*, **2009**, 212, 1553-8	3	28
3	The role of LXR alpha in goose primary hepatocyte lipogenesis. *Molecular and Cellular Biochemistry*, **2009**, 322, 37-42	4.2	14
2	Correlation between Microsatellite Loci and Onset of Lay and Egg Quality Traits in Chinese Silkies, Gallus gallus. *Journal of Poultry Science*, **2008**, 45, 241-248	1.6	1
1	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