Liang Li

List of Publications by Year
in descending order

79 papers	992 citations	430442 18 h-index	580395 25 g-index
80 all docs	80 docs citations	80 times ranked	925 citing authors

#	Article	IF	Citations
1	Infection of <i>Ustilaginoidea virens</i> intercepts rice seed formation but activates grainâ€fillingâ€related genes. Journal of Integrative Plant Biology, 2015, 57, 577-590.	4.1	67
2	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, 70-79.	1.2	39
3	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.	1.1	38
4	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.	1.1	35
5	The role of insulin and glucose in goose primary hepatocyte triglyceride accumulation. Journal of Experimental Biology, 2009, 212, 1553-1558.	0.8	30
6	Comparative Transcriptome Analysis Suggests Key Roles for 5-Hydroxytryptamlne Receptors in Control of Goose Egg Production. Genes, 2020, 11, 455.	1.0	30
7	Evidence for the existence of de novo lipogenesis in goose granulosa cells. Poultry Science, 2019, 98, 1023-1030.	1.5	27
8	Role of leptin in the regulation of sterol/steroid biosynthesis in goose granulosa cells. Theriogenology, 2014, 82, 677-685.	0.9	26
9	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	26
10	Dynamic characteristics of lipid metabolism in cultured granulosa cells from geese follicles at different developmental stages. Bioscience Reports, 2019, 39, .	1.1	25
11	Establishment of an <i>in vitro</i> culture model of theca cells from hierarchical follicles in ducks. Bioscience Reports, 2017, 37, .	1.1	24
12	Effects of palmitic acid on lipid metabolism homeostasis and apoptosis in goose primary hepatocytes. Molecular and Cellular Biochemistry, 2011, 350, 39-46.	1.4	23
13	In ovo feeding of IGFâ€1 to ducks influences neonatal skeletal muscle hypertrophy and muscle mass growth upon satellite cell activation. Journal of Cellular Physiology, 2012, 227, 1465-1475.	2.0	23
14	Evidence in duck for supporting alteration of incubation temperature may have influence on methylation of genomic DNA. Poultry Science, 2015, 94, 2537-2545.	1.5	23
15	Insulin Stimulates Goose Liver Cell Growth by Activating PI3K-AKT-mTOR Signal Pathway. Cellular Physiology and Biochemistry, 2016, 38, 558-570.	1.1	23
16	MyoD expression profile and developmental differences of leg and breast muscle in Peking duck (Anas) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	22
17	A 14-bp insertion in endothelin receptor B-like (EDNRB2) is associated with white plumage in Chinese geese. BMC Genomics, 2020, 21, 162.	1.2	21
18	The comprehensive mechanisms underlying nonhierarchical follicular development in geese (Anser) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	20

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19	Genome-wide association analysis reveals that EDNRB2 causes a dose-dependent loss of pigmentation in ducks. BMC Genomics, 2021, 22, 381.	1.2	20
20	A core effector UV_1261 promotes Ustilaginoidea virens infection via spatiotemporally suppressing plant defense. Phytopathology Research, 2019, 1, .	0.9	19
21	The role of LXRÎ± in goose primary hepatocyte lipogenesis. Molecular and Cellular Biochemistry, 2009, 322, 37-42.	1.4	18
22	Transcription Factors GATA-4 and GATA-6: Molecular Characterization, Expression Patterns and Possible Functions During Goose (<i>Anser cygnoides</i>) Follicle Development. Journal of Reproduction and Development, 2014, 60, 83-91.	0.5	17
23	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, 281-296.	0.5	16
24	Evolutionary Pattern and Regulation Analysis to Support Why Diversity Functions Existed within PPAR Gene Family Members. BioMed Research International, 2015, 2015, 1-11.	0.9	16
25	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.	1.1	15
26	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.	0.7	15
27	Transcriptome analysis revealed the possible regulatory pathways initiating female geese broodiness within the hypothalamic-pituitary-gonadal axis. PLoS ONE, 2018, 13, e0191213.	1.1	15
28	Impact of thermal stress during incubation on gene expression in embryonic muscle of Peking ducks (Anasplatyrhynchos domestica). Journal of Thermal Biology, 2015, 53, 80-89.	1.1	14
29	Screening and identification of differentially expressed genes in goose hepatocytes exposed to free fatty acid. Journal of Cellular Biochemistry, 2010, 111, 1482-1492.	1.2	13
30	Developmental expression and alternative splicing of the duck myostatin gene. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2011, 6, 238-243.	0.4	13
31	Characterization of in vitro cultured myoblasts isolated from duck (Anas platyrhynchos) embryo. Cytotechnology, 2011, 63, 399-406.	0.7	13
32	Histological and Developmental Study of Prehierarchical Follicles in Geese. Folia Biologica, 2014, 62, 171-177.	0.1	13
33	Dynamics of the Transcriptome and Accessible Chromatin Landscapes During Early Goose Ovarian Development. Frontiers in Cell and Developmental Biology, 2020, 8, 196.	1.8	13
34	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, 1255-1263.	1.7	12
35	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, 3417-3425.	1.0	11
36	Influence of in ovo thermal manipulation on lipid metabolism in embryonic duck liver. Journal of Thermal Biology, 2014, 43, 40-45.	1.1	11

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37	Transcriptome Reveals Multi Pigmentation Genes Affecting Dorsoventral Pattern in Avian Body. Frontiers in Cell and Developmental Biology, 2020, 8, 560766.	1.8	11
38	Identification of differentially expressed genes between hepatocytes of Landes geese (Anser anser) and Sichuan White geese (Anser cygnoides). Molecular Biology Reports, 2010, 37, 4059-4066.	1.0	10
39	The effects of endoplasmic reticulum stress response on duck decorin stimulate myotube hypertrophy in myoblasts. Molecular and Cellular Biochemistry, 2013, 377, 151-161.	1.4	10
40	Transcriptional Profiling Identifies Location-Specific and Breed-Specific Differentially Expressed Genes in Embryonic Myogenesis in Anas Platyrhynchos. PLoS ONE, 2015, 10, e0143378.	1.1	10
41	Six1 induces protein synthesis signaling expression in duck myoblasts mainly via up-regulation of mTOR. Genetics and Molecular Biology, 2016, 39, 151-161.	0.6	9
42	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.	1.2	9
43	Metabolomic Analysis of SCD during Goose Follicular Development: Implications for Lipid Metabolism. Genes, 2020, 11, 1001.	1.0	9
44	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.	2.1	9
45	FASN-Mediated Lipid Metabolism Regulates Goose Granulosa Cells Apoptosis and Steroidogenesis. Frontiers in Physiology, 2020, 11, 600.	1.3	8
46	Effect of fermentation bed on bacterial growth in the fermentation mattress material and cecum of ducks. Archives of Microbiology, 2021, 203, 1489-1497.	1.0	8
47	Study on the effect of different types of sugar on lipid deposition in goose fatty liver. Poultry Science, 2022, 101, 101729.	1.5	8
48	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, 113-118.	0.8	7
49	Rhythmic expression of circadian clock genes in the preovulatory ovarian follicles of the laying hen. PLoS ONE, 2017, 12, e0179019.	1.1	7
50	Transcriptome reveals B lymphocyte apoptosis in duck embryonic bursa of Fabricius mediated by mitochondrial and Fas signaling pathways. Molecular Immunology, 2018, 101, 120-129.	1.0	7
51	Gene expression patterns, and protein metabolic and histological analyses for muscle development in Peking duck. Poultry Science, 2014, 93, 3104-3111.	1.5	6
52	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.	0.2	6
53	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.	1.2	6
54	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.	0.7	5

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55	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.	1.1	5
56	Exploration of the effects of goose TCs on GCs at different follicular stages using a co-culture model. Bioscience Reports, 2020, 40, .	1.1	5
57	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.	0.8	4
58	Construction of a eukaryotic expression vector for pEGFP-FST and its biological activity in duck myoblasts. Electronic Journal of Biotechnology, 2014, 17, 224-229.	1.2	3
59	Silencing Pax3 by shRNA inhibits the proliferation and differentiation of duck (Anas platyrhynchos) myoblasts. Molecular and Cellular Biochemistry, 2014, 386, 211-222.	1.4	3
60	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.	0.5	3
61	Molecular characterization, expression and cellular localization of CYP17 gene during geese (Anser) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	3
62	Coâ€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.	0.6	3
63	Tissue specific expression of Pax3/7 and MyoD in adult duck tissues. Journal of Applied Animal Research, 2012, 40, 284-288.	0.4	2
64	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.	0.7	2
65	Promoter Identification and Transcriptional Regulation of the Goose AMH Gene. Animals, 2019, 9, 816.	1.0	2
66	The differences in intestinal growth and microorganisms between male and female ducks. Poultry Science, 2021, 100, 1167-1177.	1.5	2
67	Molecular characterization, expression profile and transcriptional regulation of the CYP19 gene in goose ovarian follicles. Gene, 2022, 806, 145928.	1.0	2
68	Effect of feed restriction on the intestinal microbial community structure of growing ducks. Archives of Microbiology, 2022, 204, 85.	1.0	2
69	Comparative Transcriptome Analysis Provides Novel Insights into the Effect of Lipid Metabolism on Laying of Geese. Animals, 2022, 12, 1775.	1.0	2
70	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.	0.7	1
71	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.	0.6	1
72	Oestrogen promotes lipids transportation through oestrogen receptor Î± in hepatic steatosis of geese in vitro. Journal of Animal Physiology and Animal Nutrition, 2021, , .	1.0	1

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73	Construction of adenovirus vector expressing duck sclerostin and its induction effect on myogenic proliferation and differentiation in vitro. Molecular Biology Reports, 2022, 49, 3187-3196.	1.0	1
74	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.	0.7	0
75	Analysis of mRNA expression of genes related to synthesis of fatty acids in goose fatty liver. Italian Journal of Animal Science, 2010, 9, e83.	0.8	0
76	Effect of a Synthetic Liver X Receptor Agonist TO901317 on Cholesterol Concentration in Goose Primary Hepatocytes. Italian Journal of Animal Science, 2014, 13, 2979.	0.8	0
77	Expression, distribution and regulation of RIG-1 in duck bursa of Fabricius during innate immune development. Gene, 2021, 771, 145342.	1.0	0
78	Systematic Analysis of Long Noncoding RNA and mRNA in Granulosa Cells during the Hen Ovulatory Cycle. Animals, 2021, 11, 1533.	1.0	0
79	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.	1.5	0