

Liang Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Infection of <i>Ustilagoidea virens</i> intercepts rice seed formation but activates grain-filling-related genes. <i>Journal of Integrative Plant Biology</i> , 2015 , 57, 577-90	8.3	40
74	Leptin exerts proliferative and anti-apoptotic effects on goose granulosa cells through the PI3K/Akt/mTOR signaling pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 149, 70-9	5.1	34
73	The role of insulin and glucose in goose primary hepatocyte triglyceride accumulation. <i>Journal of Experimental Biology</i> , 2009 , 212, 1553-8	3	28
72	The Regulation of Lipid Deposition by Insulin in Goose Liver Cells Is Mediated by the PI3K-AKT-mTOR Signaling Pathway. <i>PLoS ONE</i> , 2015 , 10, e0098759	3.7	23
71	Effect of Overfeeding on Plasma Parameters and mRNA Expression of Genes Associated with Hepatic Lipogenesis in Geese. <i>Asian-Australasian Journal of Animal Sciences</i> , 2008 , 21, 590-595	2.4	21
70	In ovo feeding of IGF-1 to ducks influences neonatal skeletal muscle hypertrophy and muscle mass growth upon satellite cell activation. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1465-75	7	20
69	Insulin Stimulates Goose Liver Cell Growth by Activating PI3K-AKT-mTOR Signal Pathway. <i>Cellular Physiology and Biochemistry</i> , 2016 , 38, 558-70	3.9	19
68	Effects of palmitic acid on lipid metabolism homeostasis and apoptosis in goose primary hepatocytes. <i>Molecular and Cellular Biochemistry</i> , 2011 , 350, 39-46	4.2	17
67	Evidence in duck for supporting alteration of incubation temperature may have influence on methylation of genomic DNA. <i>Poultry Science</i> , 2015 , 94, 2537-45	3.9	15
66	MyoD expression profile and developmental differences of leg and breast muscle in Peking duck (<i>Anas platyrhynchos Domestica</i>) during embryonic to neonatal stages. <i>Micron</i> , 2010 , 41, 847-52	2.3	15
65	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. <i>Frontiers in Genetics</i> , 2019 , 10, 988	4.5	14
64	Role of leptin in the regulation of sterol/steroid biosynthesis in goose granulosa cells. <i>Theriogenology</i> , 2014 , 82, 677-85	2.8	14
63	The role of LXR alpha in goose primary hepatocyte lipogenesis. <i>Molecular and Cellular Biochemistry</i> , 2009 , 322, 37-42	4.2	14
62	Establishment of an culture model of theca cells from hierarchical follicles in ducks. <i>Bioscience Reports</i> , 2017 , 37,	4.1	13
61	Molecular cloning, expression profile and transcriptional modulation of two splice variants of very low density lipoprotein receptor during ovarian follicle development in geese (<i>Anser cygnoide</i>). <i>Animal Reproduction Science</i> , 2014 , 149, 281-96	2.1	13
60	Dynamic characteristics of lipid metabolism in cultured granulosa cells from geese follicles at different developmental stages. <i>Bioscience Reports</i> , 2019 , 39,	4.1	13
59	Thermal manipulation during the middle incubation stage has a repressive effect on the immune organ development of Peking ducklings. <i>Journal of Thermal Biology</i> , 2013 , 38, 520-523	2.9	12

58	Injection of duck recombinant follistatin fusion protein into duck muscle tissues stimulates satellite cell proliferation and muscle fiber hypertrophy. <i>Applied Microbiology and Biotechnology</i> , 2012 , 94, 1255-63	5.7	12
57	Characterization of in vitro cultured myoblasts isolated from duck (<i>Anas platyrhynchos</i>) embryo. <i>Cytotechnology</i> , 2011 , 63, 399-406	2.2	12
56	Impact of thermal stress during incubation on gene expression in embryonic muscle of Peking ducks (<i>Anas platyrhynchos domestica</i>). <i>Journal of Thermal Biology</i> , 2015 , 53, 80-9	2.9	11
55	Comparative Transcriptome Analysis Suggests Key Roles for 5-Hydroxytryptamine Receptors in Control of Goose Egg Production. <i>Genes</i> , 2020 , 11,	4.2	11
54	A core effector UV_1261 promotes <i>Ustilago violacea</i> infection via spatiotemporally suppressing plant defense. <i>Phytopathology Research</i> , 2019 , 1,	4.1	11
53	Histological and developmental study of prehierarchical follicles in geese. <i>Folia Biologica</i> , 2014 , 62, 171-7.	5.7	11
52	The effects of endoplasmic reticulum stress response on duck decorin stimulate myotube hypertrophy in myoblasts. <i>Molecular and Cellular Biochemistry</i> , 2013 , 377, 151-61	4.2	10
51	Evolutionary Pattern and Regulation Analysis to Support Why Diversity Functions Existed within PPAR Gene Family Members. <i>BioMed Research International</i> , 2015 , 2015, 613910	3	10
50	Cloning and expression of stearoyl-CoA desaturase 1 (SCD-1) in the liver of the Sichuan white goose and landes goose responding to overfeeding. <i>Molecular Biology Reports</i> , 2011 , 38, 3417-25	2.8	10
49	Screening and identification of differentially expressed genes in goose hepatocytes exposed to free fatty acid. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 1482-92	4.7	10
48	Evidence for the existence of de novo lipogenesis in goose granulosa cells. <i>Poultry Science</i> , 2019 , 98, 1023-1030	3.9	10
47	Developmental expression and alternative splicing of the duck myostatin gene. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011 , 6, 238-43	2	9
46	Transcriptome analysis revealed the possible regulatory pathways initiating female geese broodiness within the hypothalamic-pituitary-gonadal axis. <i>PLoS ONE</i> , 2018 , 13, e0191213	3.7	9
45	Transcriptional Profiling Identifies Location-Specific and Breed-Specific Differentially Expressed Genes in Embryonic Myogenesis in <i>Anas Platyrhynchos</i> . <i>PLoS ONE</i> , 2015 , 10, e0143378	3.7	8
44	Identification of differentially expressed genes between hepatocytes of Landes geese (<i>Anser anser</i>) and Sichuan White geese (<i>Anser cygnoides</i>). <i>Molecular Biology Reports</i> , 2010 , 37, 4059-66	2.8	8
43	The comprehensive mechanisms underlying nonhierarchical follicular development in geese (<i>Anser cygnoides</i>). <i>Animal Reproduction Science</i> , 2015 , 159, 131-40	2.1	7
42	A 14-bp insertion in endothelin receptor B-like (EDNRB2) is associated with white plumage in Chinese geese. <i>BMC Genomics</i> , 2020 , 21, 162	4.5	7
41	Rhythmic expression of circadian clock genes in the preovulatory ovarian follicles of the laying hen. <i>PLoS ONE</i> , 2017 , 12, e0179019	3.7	7

40	Influence of in ovo thermal manipulation on lipid metabolism in embryonic duck liver. <i>Journal of Thermal Biology</i> , 2014 , 43, 40-5	2.9	7
39	Transcription factors GATA-4 and GATA-6: molecular characterization, expression patterns and possible functions during goose (<i>Anser cygnoides</i>) follicle development. <i>Journal of Reproduction and Development</i> , 2014 , 60, 83-91	2.1	7
38	Six1 induces protein synthesis signaling expression in duck myoblasts mainly via up-regulation of mTOR. <i>Genetics and Molecular Biology</i> , 2016 , 39, 151-61	2	7
37	Transcriptome reveals B lymphocyte apoptosis in duck embryonic bursa of Fabricius mediated by mitochondrial and Fas signaling pathways. <i>Molecular Immunology</i> , 2018 , 101, 120-129	4.3	6
36	Molecular characterization, tissue distribution, and expression of two ovarian Dicer isoforms during follicle development in goose (<i>Anser cygnoides</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 170, 33-41	2.3	6
35	Effects of linoleate on cell viability and lipid metabolic homeostasis in goose primary hepatocytes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011 , 159, 113-8	2.6	6
34	Akirin2 could promote the proliferation but not the differentiation of duck myoblasts via the activation of the mTOR/p70S6K signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 79, 298-307	5.6	6
33	Molecular cloning and expression pattern of duck Six1 and its preliminary functional analysis in myoblasts transfected with eukaryotic expression vector. <i>Indian Journal of Biochemistry and Biophysics</i> , 2014 , 51, 271-81		6
32	Dynamics of the Transcriptome and Accessible Chromatin Landscapes During Early Goose Ovarian Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 196	5.7	5
31	Gene expression patterns, and protein metabolic and histological analyses for muscle development in Peking duck. <i>Poultry Science</i> , 2014 , 93, 3104-11	3.9	5
30	-Mediated Lipid Metabolism Regulates Goose Granulosa Cells Apoptosis and Steroidogenesis. <i>Frontiers in Physiology</i> , 2020 , 11, 600	4.6	3
29	Effects of the regulation of follistatin mRNA expression by IGF-1 in duck (<i>Anas platyrhynchos</i>) skeletal muscle. <i>Growth Hormone and IGF Research</i> , 2014 , 24, 35-41	2	3
28	Silencing Pax3 by shRNA inhibits the proliferation and differentiation of duck (<i>Anas platyrhynchos</i>) myoblasts. <i>Molecular and Cellular Biochemistry</i> , 2014 , 386, 211-22	4.2	3
27	Exploration of the effects of goose TCs on GCs at different follicular stages using a co-culture model. <i>Bioscience Reports</i> , 2020 , 40,	4.1	3
26	Transcriptome Reveals Multi Pigmentation Genes Affecting Dorsoventral Pattern in Avian Body. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 560766	5.7	3
25	Molecular characterization, expression and cellular localization of CYP17 gene during geese (<i>Anser cygnoides</i>) follicular development. <i>Gene</i> , 2018 , 658, 184-190	3.8	2
24	Five novel variants of GPR103 and their expression in different tissues of goose (<i>Anser cygnoides</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 171, 18-25	2.3	2
23	Tissue specific expression of Pax3/7 and MyoD in adult duck tissues. <i>Journal of Applied Animal Research</i> , 2012 , 40, 284-288	1.7	2

22	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. <i>Animal Bioscience</i> , 2021 , 34, 1210-1220	0	2
21	Effect of thermal manipulation during embryogenesis on the promoter methylation and expression of myogenesis-related genes in duck skeletal muscle. <i>Journal of Thermal Biology</i> , 2019 , 80, 75-81	2.9	2
20	Co-culture model reveals the characteristics of theca cells and the effect of granulosa cells on theca cells at different stages of follicular development. <i>Reproduction in Domestic Animals</i> , 2021 , 56, 58-73	1.6	2
19	Effect of fermentation bed on bacterial growth in the fermentation mattress material and cecum of ducks. <i>Archives of Microbiology</i> , 2021 , 203, 1489-1497	3	2
18	Construction of a eukaryotic expression vector for pEGFP-FST and its biological activity in duck myoblasts. <i>Electronic Journal of Biotechnology</i> , 2014 , 17, 224-229	3.1	1
17	Correlation between Microsatellite Loci and Onset of Lay and Egg Quality Traits in Chinese Silkies, <i>Gallus gallus</i> . <i>Journal of Poultry Science</i> , 2008 , 45, 241-248	1.6	1
16	Metabolomic Analysis of during Goose Follicular Development: Implications for Lipid Metabolism. <i>Genes</i> , 2020 , 11,	4.2	1
15	Genome-wide association analysis reveals that EDNRB2 causes a dose-dependent loss of pigmentation in ducks. <i>BMC Genomics</i> , 2021 , 22, 381	4.5	1
14	Characterization of the duck (<i>Anas platyrhynchos</i>) Rbm24 and Rbm38 genes and their expression profiles in myoblast and skeletal muscle tissues. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 198, 27-36	2.3	1
13	The differences in intestinal growth and microorganisms between male and female ducks. <i>Poultry Science</i> , 2021 , 100, 1167-1177	3.9	1
12	Study on the effect of different types of sugar on lipid deposition in goose fatty liver.. <i>Poultry Science</i> , 2022 , 101, 101729	3.9	0
11	Lipidomics profiling of goose granulosa cell model of stearyl-CoA desaturase function identifies a pattern of lipid droplets associated with follicle development. <i>Cell and Bioscience</i> , 2021 , 11, 95	9.8	0
10	Role of forkhead box protein O1 and insulin on cell proliferation mediated by sirtuin 1 in goose primary hepatocytes. <i>Journal of Applied Poultry Research</i> , 2021 , 30, 100144	2	0
9	Effect of feed restriction on the intestinal microbial community structure of growing ducks.. <i>Archives of Microbiology</i> , 2021 , 204, 85	3	0
8	Comparative transcriptome analysis identifies crucial candidate genes and pathways in the hypothalamic-pituitary-gonadal axis during external genitalia development of male geese.. <i>BMC Genomics</i> , 2022 , 23, 136	4.5	0
7	Effect of a Synthetic Liver X Receptor Agonist TO901317 on Cholesterol Concentration in Goose Primary Hepatocytes. <i>Italian Journal of Animal Science</i> , 2014 , 13, 2979	2.2	
6	Tissue Distribution of Lipoprotein Lipase (LPL) and Regulation of LPL Gene Expression Induced by Insulin and Glucose in Goose Primary Hepatocytes. <i>Journal of Poultry Science</i> , 2010 , 47, 139-143	1.6	
5	Analysis of mRNA expression of genes related to synthesis of fatty acids in goose fatty liver. <i>Italian Journal of Animal Science</i> , 2010 , 9, e83	2.2	

- 4 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
- 3 Expression, distribution and regulation of RIG-1 in duck bursa of Fabricius during innate immune development. *Gene*, **2021**, 771, 145342 3.8
- 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