Diyan Li

List of Publications by Year in descending order

104 papers	2,223 citations	270111 25 h-index	325983 40 g-index
109 all docs	109 docs citations	109 times ranked	3174 citing authors

#	Article	IF	Citations
1	Fibromodulin is involved in autophagy and apoptosis of granulosa cells affecting the follicular atresia in chicken. Poultry Science, 2022, 101, 101524.	1.5	11
2	Dynamic transcriptome and chromatin architecture in granulosa cells during chicken folliculogenesis. Nature Communications, 2022, 13, 131.	5.8	24
3	Multi-Omics Analysis After Vaginal Administration of Bacteroides fragilis in Chickens. Frontiers in Microbiology, 2022, 13, 846011.	1.5	4
4	Reorganization of 3D genome architecture across wild boar and Bama pig adipose tissues. Journal of Animal Science and Biotechnology, 2022, 13, 32.	2.1	6
5	Comparative 3D genome architecture in vertebrates. BMC Biology, 2022, 20, 99.	1.7	25
6	Corrigendum to â€œTranscriptome Profiling across Five Tissues of Giant Pandaâ€• BioMed Research International, 2022, 2022, 1-1.	0.9	0
7	Dynamic 3D genome reorganization during development and metabolic stress of the porcine liver. Cell Discovery, 2022, 8, .	3.1	6
8	A functional polymorphism of inhibin alpha subunit at miR-181b-1-3p-binding site regulates proliferation and apoptosis of chicken ovarian granular cells. Cell and Tissue Research, 2021, 384, 545-560.	1.5	4
9	Chicken interferon regulatory factor 7 (IRF7) can control ALV-J virus infection by triggering type I interferon production through affecting genes related with innate immune signaling pathway. Developmental and Comparative Immunology, 2021, 119, 104026.	1.0	13
10	A pig BodyMap transcriptome reveals diverse tissue physiologies and evolutionary dynamics of transcription. Nature Communications, 2021, 12, 3715.	5.8	60
11	Association of female reproductive tract microbiota with egg production in layer chickens. GigaScience, 2021, 10, .	3.3	7
12	Dihydromyricetin promotes longevity and activates the transcription factors FOXO and AOP in Drosophila. Aging, 2021, 13, 460-476.	1.4	15
13	Differential expression profiles of microRNAs in musk gland of unmated and mated forest musk deer (Moschus berezovskii). PeerJ, 2021, 9, e12710.	0.9	2
14	FHL1 regulates myoblast differentiation and autophagy through its interaction with LC3. Journal of Cellular Physiology, 2020, 235, 4667-4678.	2.0	22
15	Genomic Analyses Reveal Genetic Adaptations to Tropical Climates in Chickens. IScience, 2020, 23, 101644.	1.9	28
16	Gga-miR-3525 Targets PDLIM3 through the MAPK Signaling Pathway to Regulate the Proliferation and Differentiation of Skeletal Muscle Satellite Cells. International Journal of Molecular Sciences, 2020, 21, 5573.	1.8	22
17	Transcriptome Profiling across Five Tissues of Giant Panda. BioMed Research International, 2020, 2020, 1-13.	0.9	8
18	Fibromodulin Modulates Chicken Skeletal Muscle Development via the Transforming Growth Factor-Î² Signaling Pathway. Animals, 2020, 10, 1477.	1.0	6

#	Article	IF	Citations
19	Screening of immune biomarkers in different breeds of chickens infected with J subgroup of avian leukemia virus by proteomic. Virulence, 2020, 11, 1158-1176.	1.8	3
20	Sexual Maturity Promotes Yolk Precursor Synthesis and Follicle Development in Hens via Liver-Blood-Ovary Signal Axis. Animals, 2020, 10, 2348.	1.0	28
21	Pectoral muscle transcriptome analyses reveal high-altitude adaptations in Tibetan chickens. Animal Biology, 2020, 70, 385-400.	0.6	3
22	AFB1 Induced Transcriptional Regulation Related to Apoptosis and Lipid Metabolism in Liver of Chicken. Toxins, 2020, 12, 290.	1.5	32
23	MiR-148a-3p Regulates Skeletal Muscle Satellite Cell Differentiation and Apoptosis via the PI3K/AKT Signaling Pathway by Targeting Meox2. Frontiers in Genetics, 2020, 11, 512.	1.1	36
24	Exosomes Transmit Viral Genetic Information and Immune Signals may cause Immunosuppression and Immune Tolerance in ALV-J Infected HD11 cells. International Journal of Biological Sciences, 2020, 16, 904-920.	2.6	7
25	miR-9-5p Inhibits Skeletal Muscle Satellite Cell Proliferation and Differentiation by Targeting IGF2BP3 through the IGF2-PI3K/Akt Signaling Pathway. International Journal of Molecular Sciences, 2020, 21, 1655.	1.8	44
26	Whole-genome resequencing of Dulong Chicken reveal signatures of selection. British Poultry Science, 2020, 61, 624-631.	0.8	13
27	T-2 Toxin Induces Oxidative Stress, Apoptosis and Cytoprotective Autophagy in Chicken Hepatocytes. Toxins, 2020, 12, 90.	1.5	43
28	Genetic diversity and relationship of Dulong chickens using mitochondrial DNA control region. Mitochondrial DNA Part B: Resources, 2020, 5, 275-280.	0.2	4
29	Peroxisome proliferator-activated receptor-coactivator 1-beta (PGC-1Î²) modulates the expression of genes involved in adipogenesis during preadipocyte differentiation in chicken. Gene, 2020, 741, 144516.	1.0	6
30	Transcriptome analysis reveals differentially expressed genes associated with high rates of egg production in chicken hypothalamic-pituitary-ovarian axis. Scientific Reports, 2020, 10, 5976.	1.6	42
31	Phenotypic plasticity as a long-term memory easing readaptations to ancestral environments. Science Advances, 2020, 6, eaba3388.	4.7	24
32	Deubiquitinase USP7 regulates aging through ubiquitination and autophagy. Aging, 2020, 12, 23082-23095.	1.4	1
33	Data-independent acquisition of the proteomics of spleens from chickens infected by avian leukosis virus. 3 Biotech, 2019, 9, 332.	1.1	2
34	FOXO3 Is Expressed in Ovarian Tissues and Acts as an Apoptosis Initiator in Granulosa Cells of Chickens. BioMed Research International, 2019, 2019, 1-9.	0.9	19
35	The role of BMP6 in the proliferation and differentiation of chicken cartilage cells. PLoS ONE, 2019, 14, e0204384.	1.1	25
36	Myoferlin Regulates Wnt/Î²-Catenin Signaling-Mediated Skeletal Muscle Development by Stabilizing Dishevelled-2 Against Autophagy. International Journal of Molecular Sciences, 2019, 20, 5130.	1.8	19

#	Article	IF	Citations
37	Circular RNA profiling identified an abundant circular RNA circTMTC1 that inhibits chicken skeletal muscle satellite cell differentiation by sponging miR-128-3p. International Journal of Biological Sciences, 2019, 15, 2265-2281.	2.6	59
38	Analysis of Expression and Single Nucleotide Polymorphisms of INHA Gene Associated with Reproductive Traits in Chickens. BioMed Research International, 2019, 2019, 1-11.	0.9	12
39	Whole-genome resequencing analysis of Pengxian Yellow Chicken to identify genome-wide SNPs and signatures of selection. 3 Biotech, 2019, 9, 383.	1.1	8
40	microRNA and Other Small RNA Sequence Profiling across Six Tissues of Chinese Forest Musk Deer (Moschus berezovskii). BioMed Research International, 2019, 2019, 1-9.	0.9	4
41	Genetic Diversity of atp6 and cox3 Gene in Wild Drosophila melanogaster. Russian Journal of Genetics, 2019, 55, 360-367.	0.2	0
42	FHL3 negatively regulates the differentiation of skeletal muscle satellite cells in chicken. 3 Biotech, 2019, 9, 206.	1.1	18
43	Phylogenetic and characterization of the complete mitochondrial genome relationship of Black-headed Sibia (Heterophasia melanoleuca). Mitochondrial DNA Part B: Resources, 2019, 4, 1828-1829.	0.2	0
44	Characterizing the microbiota in gastrointestinal tract segments of Rhabdophis subminiatus: Dynamic changes and functional predictions. MicrobiologyOpen, 2019, 8, e789.	1.2	21
45	The LIM-Only Protein FHL2 is involved in Autophagy to Regulate the Development of Skeletal Muscle Cell. International Journal of Biological Sciences, 2019, 15, 838-846.	2.6	7
46	Complete mitochondrial genome and phylogenetic analysis of Black-chinned Yuhina (Yuhina) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.2	0
47	Knockdown of CSRP3 inhibits differentiation of chicken satellite cells by promoting TGF-Î²/Smad3 signaling. Gene, 2019, 707, 36-43.	1.0	38
48	Population genomics identifies patterns of genetic diversity and selection in chicken. BMC Genomics, 2019, 20, 263.	1.2	34
49	Effect of Bitter Compounds on the Expression of Bitter Taste Receptor T2R7 Downstream Signaling Effectors incT2R7/pDisplay-GÎ±16/gust44/pcDNA3.1 (+) Cells. BioMed Research International, 2019, 2019, 1-12.	0.9	2
50	Gut Microbiome of Chinese Forest Musk Deer Examined across Gender and Age. BioMed Research International, 2019, 2019, 1-10.	0.9	17
51	Oxidative Stress and Apoptotic Changes in Broiler Chicken Splenocytes Exposed to T-2 Toxin. BioMed Research International, 2019, 2019, 1-9.	0.9	16
52	Alpha-ketoglutarate extends Drosophila lifespan by inhibiting mTOR and activating AMPK. Aging, 2019, 11, 4183-4197.	1.4	102
53	Detection of Snps in the Melanocortin 1-Receptor (MC1R) and Its Association with Shank Color Trait in Hs Chicken. Brazilian Journal of Poultry Science, 2019, 21, .	0.3	0
54	Characterization of the Gut Microbiota in Six Geographical Populations of Chinese Rhesus Macaques (Macaca mulatta), Implying an Adaptation to High-Altitude Environment. Microbial Ecology, 2018, 76, 565-577.	1.4	87

#	Article	IF	Citations
55	Genetic diversity and natural selection in wild fruit flies revealed by whole-genome resequencing. Genomics, 2018, 110, 304-309.	1.3	2
56	Complete characteristics and phylogenetic relationships of the Garrulax albogularis mitochondrial genome (Passeriformes: Timaliidae). Mitochondrial DNA Part B: Resources, 2018, 3, 1272-1273.	0.2	3
57	The temporal expression patterns of brain transcriptome during chicken development and ageing. BMC Genomics, 2018, 19, 917.	1.2	25
58	Genome-Wide Chromatin Structure Changes During Adipogenesis and Myogenesis. International Journal of Biological Sciences, 2018, 14, 1571-1585.	2.6	23
59	Polymorphisms in the Chicken Growth Differentiation Factor 9 Gene Associated with Reproductive Traits. BioMed Research International, 2018, 2018, 1-11.	0.9	5
60	Whole-transcriptome analysis of atrophic ovaries in broody chickens reveals regulatory pathways associated with proliferation and apoptosis. Scientific Reports, 2018, 8, 7231.	1.6	43
61	Long non-coding RNAs and mRNAs profiling during spleen development in pig. PLoS ONE, 2018, 13, e0193552.	1.1	29
62	Complete mitochondrial genome of Trachypithecus poliocephalus (Primates: Cercopithecidae). Conservation Genetics Resources, 2017, 9, 467-470.	0.4	0
63	The complete mitochondrial genome sequence of White-collared Yuhina (Yuhina diademata). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 21-22.	0.7	2
64	Genomic data for 78 chickens from 14 populations. GigaScience, 2017, 6, 1-5.	3.3	28
65	High-throughput sequencing of pituitary and hypothalamic microRNA transcriptome associated with high rate of egg production. BMC Genomics, 2017, 18, 255.	1.2	22
66	The complete mitochondrial genome sequence of spotted linsang (Prionodon pardicolor pardicolor). Conservation Genetics Resources, 2017, 9, 177-180.	0.4	1
67	Expressed micro<scp>RNA</scp> associated with high rate of egg production in chicken ovarian follicles. Animal Genetics, 2017, 48, 205-216.	0.6	40
68	Comprehensive variation discovery and recovery of missing sequence in the pig genome using multiple de novo assemblies. Genome Research, 2017, 27, 865-874.	2.4	116
69	Illumina-based de novo transcriptome sequencing and analysis of Chinese forest musk deer. Journal of Genetics, 2017, 96, 1033-1040.	0.4	11
70	Comparative transcriptomics of 5 high-altitude vertebrates and their low-altitude relatives. GigaScience, 2017, 6, 1-9.	3.3	50
71	Identification of Three Novel Splicing Variants and Expression Analysis of Chicken GPR1 Gene. BioMed Research International, 2017, 2017, 1-10.	0.9	0
72	Molecular Cloning, Expression Profiling, and Marker Validation of the Chicken Myoz3 Gene. BioMed Research International, 2017, 2017, 1-10.	0.9	7

#	Article	IF	Citations
73	A Comparison of Genetic Diversity of COX-III Gene in Lowland Chickens and Tibetan Chickens. BioMed Research International, 2017, 2017, 1-13.	0.9	3
74	Rhythmic expression of circadian clock genes in the preovulatory ovarian follicles of the laying hen. PLoS ONE, 2017, 12, e0179019.	1.1	7
75	A non-synonymous SNP with the allele frequency correlated with the altitude may contribute to the hypoxia adaptation of Tibetan chicken. PLoS ONE, 2017, 12, e0172211.	1.1	10
76	Genetic evidence from mitochondrial DNA corroborates the origin of Tibetan chickens. PLoS ONE, 2017, 12, e0172945.	1.1	14
77	mRNA N6-methyladenosine methylation of postnatal liver development in pig. PLoS ONE, 2017, 12, e0173421.	1.1	48
78	Influence of three lighting regimes during ten weeks growth phase on laying performance, plasma levels- and tissue specific gene expression- of reproductive hormones in Pengxian yellow pullets. PLoS ONE, 2017, 12, e0177358.	1.1	11
79	Molecular characterization, expression of chicken TBK1 gene and its effect on IRF3 signaling pathway. PLoS ONE, 2017, 12, e0177608.	1.1	10
80	Molecular evolutionary patterns of NAD+/Sirtuin aging signaling pathway across taxa. PLoS ONE, 2017, 12, e0182306.	1.1	9
81	Transcriptomic analysis of chicken Myozenin 3 regulation reveals its potential role in cell proliferation. PLoS ONE, 2017, 12, e0189476.	1.1	13
82	Alpha-Ketoglutarate: Physiological Functions and Applications. Biomolecules and Therapeutics, 2016, 24, 1-8.	1.1	194
83	Genetic diversity of bitter taste receptor gene family in Sichuan domestic and Tibetan chicken populations. Journal of Genetics, 2016, 95, 675-681.	0.4	9
84	Complete mitochondrial genome of Minla ignotincta (Passeriformes: Timaliidae). Mitochondrial DNA Part B: Resources, 2016, 1, 140-141.	0.2	5
85	The musk chemical composition and microbiota of Chinese forest musk deer males. Scientific Reports, 2016, 6, 18975.	1.6	51
86	The complete nucleotide sequence of the mitochondrial genome of Calliphora chinghaiensis (Diptera: Calliphoridae). Mitochondrial DNA Part B: Resources, 2016, 1, 397-398.	0.2	8
87	Evolutionary conservation of the circadian geneÂtimeoutÂinÂMetazoa. Animal Biology, 2016, 66, 1-11.	0.6	1
88	The complete nucleotide sequence of the mitochondrial genome of Drosophila formosana (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	2
89	Complete mitochondrial genome of Garrulax elliotii (Passeriformes, Timaliidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3687-3688.	0.7	5
90	The complete mitochondrial genome of Babax lanceolatus (Passeriformes: Timaliidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2925-2926.	0.7	4

#	Article	IF	Citations
91	Complete mitochondrial genome sequence of Garrulax formosus (Aves, Passeriformes, Timaliidae) and its phylogenetic analysis. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2858-2859.	0.7	5
92	High-altitude adaptation of Tibetan chicken from MT-COI and ATP-6 perspective. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3280-3288.	0.7	19
93	The near-complete mitogenome sequence of the Omei Horned Toad Megophrys omeimontis Liu, 1950 (Anura, Megophryidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2389-2390.	0.7	2
94	1,25-Dihydroxyvitamin-D3 Induces Avian Î²-Defensin Gene Expression in Chickens. PLoS ONE, 2016, 11, e0154546.	1.1	31
95	LncRNA mediated regulation of aging pathways in Drosophila melanogaster during dietary restriction. Aging, 2016, 8, 2182-2203.	1.4	36
96	Induction of mitochondria-mediated apoptosis and PI3K/Akt/ mTOR-mediated autophagy by aflatoxin B2 in hepatocytes of broilers. Oncotarget, 2016, 7, 84989-84998.	0.8	22
97	Effects of Dietary Lysine Levels on Carcass Performance and Biochemical Characteristics of Chinese Local Broilers. Italian Journal of Animal Science, 2015, 14, 3840.	0.8	6
98	Molecular Evolutionary Analysis of Î²-Defensin Peptides in Vertebrates. Evolutionary Bioinformatics, 2015, 11, EBO.S25580.	0.6	36
99	Effect of Monochromatic Light on Expression of Estrogen Receptor (ER) and Progesterone Receptor (PR) in Ovarian Follicles of Chicken. PLoS ONE, 2015, 10, e0144102.	1.1	21
100	Epigenetic mechanisms of dietary restriction induced aging in Drosophila. Experimental Gerontology, 2015, 72, 38-44.	1.2	13
101	Polymorphisms in the Perilipin Gene May Affect Carcass Traits of Chinese Meat-type Chickens. Asian-Australasian Journal of Animal Sciences, 2015, 28, 763-770.	2.4	9
102	Evolution of primate Î± and Î¸ defensins revealed by analysis of genomes. Molecular Biology Reports, 2014, 41, 3859-3866.	1.0	22
103	Diet Shapes the Evolution of the Vertebrate Bitter Taste Receptor Gene Repertoire. Molecular Biology and Evolution, 2014, 31, 303-309.	3.5	147
104	Key miRNAs and Genes in the High-Altitude Adaptation of Tibetan Chickens. Frontiers in Veterinary Science, 0, 9, .	0.9	2