

Liguo Yang

List of Publications by Year in descending order

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70
papers

1,110
citations

430754

18
h-index

501076

28
g-index

70
all docs

70
docs citations

70
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin Promotes Antler Growth by Accelerating MT1-Mediated Mesenchymal Cell Differentiation and Inhibiting VEGF-Induced Degeneration of Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 759.	1.8	3
2	The microbiome of the buffalo digestive tract. <i>Nature Communications</i> , 2022, 13, 823.	5.8	30
3	Effect of Different Synchronization Regimens on Reproductive Variables of Crossbred (Swamp \times Tj ETQq1 1 0.784314 rgBT /Overl... 2022, 12, 415.	1.0	3
4	Evolutionary and Association Analysis of Buffalo FABP Family Genes Reveal Their Potential Role in Milk Performance. <i>Genes</i> , 2022, 13, 600.	1.0	7
5	Effects of Capsicum Oleoresin Supplementation on Lactation Performance, Plasma Metabolites, and Nutrient Digestibility of Heat Stressed Dairy Cow. <i>Animals</i> , 2022, 12, 797.	1.0	5
6	Relationship Between Somatic Cell Counts and Mammary Gland Parenchyma Ultrasonography in Buffaloes. <i>Frontiers in Veterinary Science</i> , 2022, 9, 842105.	0.9	3
7	Effects of Fermented Manure Bedding Thickness on Bulls' Growth, Behavior, and Welfare as Well as Barn Gases Concentration in the Barn. <i>Animals</i> , 2022, 12, 925.	1.0	3
8	Novel functional mutation of the PDIA3 gene affects milk composition traits in Chinese Holstein cattle. <i>Journal of Dairy Science</i> , 2022, 105, 5153-5166.	1.4	1
9	Nutritional Modulation, Gut, and Omics Crosstalk in Ruminants. <i>Animals</i> , 2022, 12, 997.	1.0	3
10	Deoxynivalenol exposure inhibits biosynthesis of milk fat and protein by impairing tight junction in bovine mammary epithelial cells. <i>Ecotoxicology and Environmental Safety</i> , 2022, 237, 113504.	2.9	9
11	Evolutionary analysis of buffalo sterol regulatory element-binding factor (SREBF) family genes and their affection on milk traits. <i>Animal Biotechnology</i> , 2022, , 1-12.	0.7	2
12	Anti-Müllerian Hormone Inhibits FSH-Induced Cumulus Oocyte Complex In Vitro Maturation and Cumulus Expansion in Mice. <i>Animals</i> , 2022, 12, 1209.	1.0	3
13	Follicular Dynamics during Estrous Cycle of Pubertal, Mature and Postpartum Crossbred (Nili Ravi \times Tj ETQq1 1 0.784314 rgBT /Overl... 2022, 12, 1300.	1.0	2
14	PRDX2 Knockdown Inhibits Extracellular Matrix Synthesis of Chondrocytes by Inhibiting Wnt5a/YAP1/CTGF and Activating IL-6/JAK2/STAT3 Pathways in Deer Antler. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5232.	1.8	1
15	Heat Stress Induces Shifts in the Rumen Bacteria and Metabolome of Buffalo. <i>Animals</i> , 2022, 12, 1300.	1.0	10
16	Evaluation of a Novel DNA Vaccine Double Encoding Somatostatin and Cortistatin for Promoting the Growth of Mice. <i>Animals</i> , 2022, 12, 1490.	1.0	1
17	Immunization with oral KISS1 DNA vaccine inhibits testicular Leydig cell proliferation mainly via the hypothalamic-pituitary-testicular axis and apoptosis-related genes in goats. <i>Animal Biotechnology</i> , 2021, 32, 395-399.	0.7	5
18	Genetic Features of Reproductive Traits in Bovine and Buffalo: Lessons From Bovine to Buffalo. <i>Frontiers in Genetics</i> , 2021, 12, 617128.	1.1	18

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19	Genetic Association of PPARGC1A Gene Single Nucleotide Polymorphism with Milk Production Traits in Italian Mediterranean Buffalo. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	2
20	Melatonin delays ovarian aging in mice by slowing down the exhaustion of ovarian reserve. <i>Communications Biology</i> , 2021, 4, 534.	2.0	19
21	Association analysis between FASN genotype and milk traits in Mediterranean buffalo and its expression among different buffalo tissues. <i>Tropical Animal Health and Production</i> , 2021, 53, 366.	0.5	5
22	Upregulated-gene expression of pro-inflammatory cytokines, oxidative stress and apoptotic markers through inflammatory, oxidative and apoptosis mediated signaling pathways in Bovine Pneumonia. <i>Microbial Pathogenesis</i> , 2021, 155, 104935.	1.3	8
23	Ginsenoside Rb1 protects from <i>Staphylococcus aureus</i> -induced oxidative damage and apoptosis through endoplasmic reticulum-stress and death receptor-mediated pathways. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112353.	2.9	14
24	GPGMH, a New Fixed Timed-AI Synchronization Regimen for Swamp and River Crossbred Buffaloes (<i>Bubalus bubalis</i>). <i>Frontiers in Veterinary Science</i> , 2021, 8, 646247.	0.9	5
25	Orexin-A Regulates Follicular Growth, Proliferation, Cell Cycle and Apoptosis in Mouse Primary Granulosa Cells via the AKT/ERK Signaling Pathway. <i>Molecules</i> , 2021, 26, 5635.	1.7	11
26	Milk Production Responses and Digestibility of Dairy Buffaloes (<i>Bubalus bubalis</i>) Partially Supplemented with Forage Rape (<i>Brassica napus</i>) Silage Replacing Corn Silage. <i>Animals</i> , 2021, 11, 2931.	1.0	4
27	The Effect of Lignin Composition on Ruminal Fiber Fractions Degradation from Different Roughage Sources in Water Buffalo (<i>Bubalus bubalis</i>). <i>Agriculture (Switzerland)</i> , 2021, 11, 1015.	1.4	16
28	Cathepsin B Regulates Mice Granulosa Cells' Apoptosis and Proliferation In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11827.	1.8	12
29	Synergistic Regulatory Effect of Inhibin and Anti-Müllerian Hormone on Fertility of Mice. <i>Frontiers in Veterinary Science</i> , 2021, 8, 747619.	0.9	6
30	Ginsenoside Rb1 Mitigates <i>Escherichia coli</i> Lipopolysaccharide-Induced Endometritis through TLR4-Mediated NF- κ B Pathway. <i>Molecules</i> , 2021, 26, 7089.	1.7	8
31	Comparative analyses of copy number variations between <i>Bos taurus</i> and <i>Bos indicus</i> . <i>BMC Genomics</i> , 2020, 21, 682.	1.2	21
32	Cryopreservation Induces Alterations of miRNA and mRNA Fragment Profiles of Bull Sperm. <i>Frontiers in Genetics</i> , 2020, 11, 419.	1.1	21
33	Temporal expression of the KISS1/GPR54 system in goats' testes and epididymides and its spatial expression in pubertal goats. <i>Theriogenology</i> , 2020, 152, 114-121.	0.9	8
34	Genome-wide identification of Diacylglycerol Acyltransferases (DGAT) family genes influencing Milk production in Buffalo. <i>BMC Genetics</i> , 2020, 21, 26.	2.7	26
35	Population Structure, and Selection Signatures Underlying High-Altitude Adaptation Inferred From Genome-Wide Copy Number Variations in Chinese Indigenous Cattle. <i>Frontiers in Genetics</i> , 2020, 10, 1404.	1.1	23
36	Evaluation and mining the applicable methods of roughage digestibility determination for buffalo (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 2020, 52, 2639-2646.	0.5	3

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37	Adaptive Molecular Evolution of <i>AKT3</i> Gene for Positive Diversifying Selection in Mammals. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	3
38	Comparative whole genome DNA methylation profiling across cattle tissues reveals global and tissue-specific methylation patterns. <i>BMC Biology</i> , 2020, 18, 85.	1.7	34
39	Local expressions and function of <i>Kiss1</i> / <i>GPR54</i> in goats' testes. <i>Gene</i> , 2020, 738, 144488.	1.0	6
40	Genome-wide association study for buffalo mammary gland morphology. <i>Journal of Dairy Research</i> , 2020, 87, 27-31.	0.7	4
41	Transcriptome Analysis Reveals Potential Regulatory Genes Related to Heat Tolerance in Holstein Dairy Cattle. <i>Genes</i> , 2020, 11, 68.	1.0	30
42	Differences in small noncoding RNAs profile between bull X and Y sperm. <i>PeerJ</i> , 2020, 8, e9822.	0.9	4
43	Integrative Analysis of Transcriptome and GWAS Data to Identify the Hub Genes Associated With Milk Yield Trait in Buffalo. <i>Frontiers in Genetics</i> , 2019, 10, 36.	1.1	52
44	Evolutionary Analysis of Makorin Ring Finger Protein 3 Reveals Positive Selection in Mammals. <i>Evolutionary Bioinformatics</i> , 2019, 15, 117693431983461.	0.6	11
45	Effects of In Ovo Injection of Coenzyme Q10 on Hatchability, Subsequent Performance, and Immunity of Broiler Chickens. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	10
46	Identifying Hub Genes for Heat Tolerance in Water Buffalo (<i>Bubalus bubalis</i>) Using Transcriptome Data. <i>Frontiers in Genetics</i> , 2019, 10, 209.	1.1	26
47	Regulatory roles of <i>ephrinA5</i> and its novel signaling pathway in mouse primary granulosa cell apoptosis and proliferation. <i>Cell Cycle</i> , 2018, 17, 892-902.	1.3	14
48	Comparative whole genome DNA methylation profiling of cattle sperm and somatic tissues reveals striking hypomethylated patterns in sperm. <i>GigaScience</i> , 2018, 7, .	3.3	60
49	Potent effect of <i>KISS1-54</i> DNA vaccine compared with <i>KISS1-10</i> DNA vaccine in inhibiting the fertility of female rats. <i>Vaccine</i> , 2018, 36, 6631-6639.	1.7	2
50	<i>DGAT1</i> polymorphism in Riverine buffalo, Swamp buffalo and crossbred buffalo. <i>Journal of Dairy Research</i> , 2018, 85, 412-415.	0.7	9
51	New Insights on Water Buffalo Genomic Diversity and Post-Domestication Migration Routes From Medium Density SNP Chip Data. <i>Frontiers in Genetics</i> , 2018, 9, 53.	1.1	79
52	Genome-Wide SNP Data Revealed the Extent of Linkage Disequilibrium, Persistence of Phase and Effective Population Size in Purebred and Crossbred Buffalo Populations. <i>Frontiers in Genetics</i> , 2018, 9, 688.	1.1	23
53	Transcriptome profiling of anti-müllerian hormone treated preantral/small antral mouse ovary follicles. <i>Oncotarget</i> , 2018, 9, 30253-30267.	0.8	3
54	Knockdown of melatonin receptor 1 and induction of follicle-stimulating hormone on the regulation of mouse granulosa cell function. <i>Reproductive Biology</i> , 2017, 17, 380-388.	0.9	17

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55	Role and mechanism of AMH in the regulation of Sertoli cells in mice. Journal of Steroid Biochemistry and Molecular Biology, 2017, 174, 133-140.	1.2	27
56	Long Non-Coding RNAs: the New Horizon of Gene Regulation in Ovarian Cancer. Cellular Physiology and Biochemistry, 2017, 44, 948-966.	1.1	63
57	An association analysis between <i>PRL</i> genotype and milk production traits in Italian Mediterranean river buffalo. Journal of Dairy Research, 2017, 84, 430-433.	0.7	13
58	Effect of alpha lipoic acid on <i>in vitro</i> development of bovine secondary preantral follicles. Theriogenology, 2017, 88, 124-130.	0.9	19
59	The Regulatory Mechanism of MLT/MT1 Signaling on the Growth of Antler Mesenchymal Cells. Molecules, 2017, 22, 1793.	1.7	8
60	MicroRNAs: New Insight in Modulating Follicular Atresia: A Review. International Journal of Molecular Sciences, 2017, 18, 333.	1.8	58
61	<i>Txndc9</i> Is Required for Meiotic Maturation of Mouse Oocytes. BioMed Research International, 2017, 2017, 1-9.	0.9	2
62	Anti-Mullerian hormone (AMH) concentration in follicular fluid and mRNA expression of AMH receptor type II and LH receptor in granulosa cells as predictive markers of good buffalo (<i>Bubalus taurus</i>) Tj ETQq0 0 0 rg819 Overlook 10 Tf 50	0.9	2
63	The efficacy of an inhibin DNA vaccine delivered by attenuated <i>Salmonella choleraesuis</i> on follicular development and ovulation responses in crossbred buffaloes. Animal Reproduction Science, 2016, 172, 76-82.	0.5	9
64	Effect of the novel DNA vaccine fusing inhibin \pm (1-32) and the RF-amide related peptide-3 genes on immune response, hormone levels and fertility in Tan sheep. Animal Reproduction Science, 2016, 164, 105-110.	0.5	16
65	Disruption of follistatin by RNAi increases apoptosis, arrests S-phase of cell cycle and decreases estradiol production in bovine granulosa cells. Animal Reproduction Science, 2015, 155, 80-88.	0.5	16
66	Constitutive and follicle-stimulating hormone-induced action of somatostatin receptor-2 on regulation of apoptosis and steroidogenesis in bovine granulosa cells. Journal of Steroid Biochemistry and Molecular Biology, 2014, 141, 150-159.	1.2	26
67	Evaluation of efficacy, biodistribution and safety of antibiotic-free plasmid encoding somatostatin genes delivered by attenuated <i>Salmonella enterica</i> serovar <i>Choleraesuis</i> . Vaccine, 2014, 32, 1368-1374.	1.7	24
68	Indole alkaloids from the roots of <i>Isatis indigotica</i> and their inhibitory effects on nitric oxide production. <i>FÄ-toterapÄ-Ä</i> , 2014, 95, 175-181.	1.1	58
69	Identification and IVC of spermatogonial stem cells in prepubertal buffaloes. Theriogenology, 2014, 81, 1312-1322.	0.9	11
70	Early deprivation reduced anxiety and enhanced memory in adult male rats. Brain Research Bulletin, 2014, 108, 44-50.	1.4	26