

# Yong Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

500  
citations

840776

11  
h-index

794594

19  
g-index

41  
all docs

41  
docs citations

41  
times ranked

656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome wide association study and genomic prediction for fatty acid composition in Chinese Simmental beef cattle using high density SNP array. <i>BMC Genomics</i> , 2017, 18, 464.	2.8	52
2	Evolutionary epigenomic analyses in mammalian early embryos reveal species-specific innovations and conserved principles of imprinting. <i>Science Advances</i> , 2021, 7, eabi6178.	10.3	42
3	Comparative adipose transcriptome analysis digs out genes related to fat deposition in two pig breeds. <i>Scientific Reports</i> , 2019, 9, 12925.	3.3	41
4	Effects of dietary supplementation of natural astaxanthin from <i>Haematococcus pluvialis</i> on antioxidant capacity, lipid metabolism, and accumulation in the egg yolk of laying hens. <i>Poultry Science</i> , 2020, 99, 5874-5882.	3.4	33
5	Exosome-derived uterine microRNAs isolated from cows with endometritis impede blastocyst development. <i>Reproductive Biology</i> , 2019, 19, 204-209.	1.9	24
6	Dietary supplementation with linseed oil improves semen quality, reproductive hormone, gene and protein expression related to testosterone synthesis in aging layer breeder roosters. <i>Theriogenology</i> , 2019, 131, 9-15.	2.1	23
7	GPR39 marks specific cells within the sebaceous gland and contributes to skin wound healing. <i>Scientific Reports</i> , 2015, 5, 7913.	3.3	22
8	Transcriptome analysis of miRNA and mRNA in the livers of pigs with highly diverged backfat thickness. <i>Scientific Reports</i> , 2019, 9, 16740.	3.3	18
9	Exosome-derived uterine miR-218 isolated from cows with endometritis regulates the release of cytokines and chemokines. <i>Microbial Biotechnology</i> , 2020, 13, 1103-1117.	4.2	17
10	Dietary supplementation with natural astaxanthin from <i>Haematococcus pluvialis</i> improves antioxidant enzyme activity, free radical scavenging ability, and gene expression of antioxidant enzymes in laying hens. <i>Poultry Science</i> , 2021, 100, 101045.	3.4	16
11	Epidermal Growth Factor-Mediated Mitogen-Activated Protein Kinase3/1 Pathway Is Conducive to In Vitro Maturation of Sheep Oocytes. <i>PLoS ONE</i> , 2015, 10, e0120418.	2.5	16
12	circHIPK3 regulates proliferation and differentiation of myoblast through the miR-7/TCF12 pathway. <i>Journal of Cellular Physiology</i> , 2021, 236, 6793-6805.	4.1	14
13	Effects of supplementing natural astaxanthin from <i>Haematococcus pluvialis</i> to laying hens on egg quality during storage at 4°C and 25°C. <i>Poultry Science</i> , 2020, 99, 6877-6883.	3.4	13
14	Exosomes from bovine endometrial epithelial cells ensure trophoblast cell development by miR-218 targeting secreted frizzled related protein 2. <i>Journal of Cellular Physiology</i> , 2021, 236, 4565-4579.	4.1	13
15	Screening somatic cell nuclear transfer parameters for generation of transgenic cloned cattle with intragenomic integration of additional gene copies that encode bovine adipocyte-type fatty acid-binding protein (A-FABP). <i>Molecular Biology Reports</i> , 2017, 44, 159-168.	2.3	11
16	Identification of Differentially Expressed MicroRNAs and Their Potential Target Genes in Adipose Tissue from Pigs with Highly Divergent Backfat Thickness. <i>Animals</i> , 2020, 10, 624.	2.3	11
17	Comparative Analyses between Skeletal Muscle miRNomes from Large White and Min Pigs Revealed MicroRNAs Associated with Postnatal Muscle Hypertrophy. <i>PLoS ONE</i> , 2016, 11, e0156780.	2.5	11
18	RhoA phosphorylation mediated by Rho/RhoA-associated kinase pathway improves the anti-freezing potentiality of murine hatched and diapaused blastocysts. <i>Scientific Reports</i> , 2017, 7, 6705.	3.3	10

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19	Trans10, cis12-conjugated linoleic acid exhibits a stronger antioxidant capacity than cis9, trans11-conjugated linoleic acid in primary cultures of laying hen hepatocytes. <i>Poultry Science</i> , 2018, 97, 4415-4424.	3.4	10
20	Fast genomic prediction of breeding values using parallel Markov chain Monte Carlo with convergence diagnosis. <i>BMC Bioinformatics</i> , 2018, 19, 3.	2.6	10
21	Comparative transcriptome analysis digs out genes related to antifreeze between fresh and frozen-thawed rooster sperm. <i>Poultry Science</i> , 2020, 99, 2841-2851.	3.4	9
22	Exosomes derived from placental trophoblast cells regulate endometrial epithelial receptivity in dairy cows during pregnancy. <i>Journal of Reproduction and Development</i> , 2022, 68, 21-29.	1.4	9
23	Natural astaxanthin enhanced antioxidant capacity and improved semen quality through the MAPK/Nrf2 pathway in aging layer breeder roosters. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 112.	5.3	9
24	Effect of anti-PMSC on distribution of estrogen receptor alpha and progesterone receptor in mouse ovary, oviduct and uterus. <i>Zygote</i> , 2015, 23, 695-703.	1.1	8
25	Pilot Study of the Effects of Polyphenols from Chestnut Involucre on Methane Production, Volatile Fatty Acids, and Ammonia Concentration during In Vitro Rumen Fermentation. <i>Animals</i> , 2021, 11, 108.	2.3	8
26	Epididymal mRNA and miRNA transcriptome analyses reveal important genes and miRNAs related to sperm motility in roosters. <i>Poultry Science</i> , 2022, 101, 101558.	3.4	8
27	Expression and function of MUC1 in uterine tissues during early pregnancy in sheep after natural oestrous or artificially-induced oestrous. <i>Theriogenology</i> , 2018, 108, 339-347.	2.1	7
28	An integrated analysis of testis miRNA and mRNA transcriptome reveals important functional miRNA-targets in reproduction traits of roosters. <i>Reproductive Biology</i> , 2020, 20, 433-440.	1.9	6
29	GPER mediates the IL6/JAK2/STAT3 pathway involved in VEGF expression in swine ovary GCs. <i>Journal of Molecular Endocrinology</i> , 2022, 68, 23-33.	2.5	6
30	GPR39 is region-specifically expressed in mouse oviduct correlating with the Zn <sup>2+</sup> distribution. <i>Theriogenology</i> , 2017, 88, 98-105.	2.1	5
31	Research Note: Dietary supplementation with pyrroloquinoline quinone disodium (PQQ.Na <sub>2</sub> ) improves oxidative status and semen quality in aging layer breeder roosters. <i>Poultry Science</i> , 2022, 101, 101812.	3.4	4
32	Transcriptional analyses of endometrial caruncles in sheep with in vivo / in vitro produced embryos during the peri-implantation period. <i>Reproductive Biology</i> , 2019, 19, 404-411.	1.9	3
33	Genomic prediction with parallel computing for slaughter traits in Chinese Simmental beef cattle using high-density genotypes. <i>PLoS ONE</i> , 2017, 12, e0179885.	2.5	3
34	Dihydrotestosterone through blockade of TGF- $\beta$ <sup>2</sup> /Smad signaling mediates the anti-fibrosis effect under hypoxia in canine Sertoli cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 216, 106041.	2.5	3
35	Cathepsin L involved in the freezing resistance of murine normal hatching embryos and dormant embryos. <i>Reproductive Biology</i> , 2022, 22, 100612.	1.9	2
36	Dihydrotestosterone regulation of cyclooxygenase-2 expression in bovine endometrial epithelium cells by androgen receptor mediated EGFR/PI3K/Akt pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 214, 106001.	2.5	1