Bao Yuan

List of Publications by Year
in descending order

62 papers	789 citations	567144 15 h-index	642610 23 g-index
63 all docs	63 docs citations	63 times ranked	1016 citing authors

#	Article	IF	Citations
1	Melatonin enhances the developmental competence of porcine somatic cell nuclear transfer embryos by preventing DNA damage induced by oxidative stress. Scientific Reports, 2017, 7, 11114.	1.6	44
2	Emerging roles of low-density lipoprotein in the development and treatment of breast cancer. Lipids in Health and Disease, 2019, 18, 137.	1.2	39
3	MiR-31 and miR-143 affect steroid hormone synthesis and inhibit cell apoptosis in bovine granulosa cells through FSHR. Theriogenology, 2019, 123, 45-53.	0.9	39
4	Effects of MiR-375-BMPR2 as a Key Factor Downstream of BMP15/GDF9 on the Smad1/5/8 and Smad2/3 Signaling Pathways. Cellular Physiology and Biochemistry, 2018, 46, 213-225.	1.1	33
5	miRâ€375 negatively regulates porcine preadipocyte differentiation by targeting <scp>BMPR</scp>2. FEBS Letters, 2016, 590, 1417-1427.	1.3	31
6	Toxic effects of atrazine on porcine oocytes and possible mechanisms of action. PLoS ONE, 2017, 12, e0179861.	1.1	30
7	Effect of antifreeze glycoprotein 8 supplementation during vitrification on the developmental competence of bovine oocytes. Theriogenology, 2016, 86, 485-494.e1.	0.9	28
8	miR-181a regulate porcine preadipocyte differentiation by targeting TGFBR1. Gene, 2019, 681, 45-51.	1.0	27
9	Cutaneous transcriptome analysis in NIH hairless mice. PLoS ONE, 2017, 12, e0182463.	1.1	25
10	Genome-wide analysis of circular RNAs in bovine cumulus cells treated with BMP15 and GDF9. Scientific Reports, 2018, 8, 7944.	1.6	25
11	Roles of differential expression of microRNA-21-3p and microRNA-433 in FSH regulation in rat anterior pituitary cells. Oncotarget, 2017, 8, 36553-36565.	0.8	25
12	Laminarin improves developmental competence of porcine early stage embryos by inhibiting oxidative stress. Theriogenology, 2018, 115, 38-44.	0.9	23
13	The Role of Glucose Metabolism on Porcine Oocyte Cytoplasmic Maturation and Its Possible Mechanisms. PLoS ONE, 2016, 11, e0168329.	1.1	21
14	COL1A1 affects apoptosis by regulating oxidative stress and autophagy in bovine cumulus cells. Theriogenology, 2019, 139, 81-89.	0.9	21
15	Identification of long non-coding RNAs in the immature and mature rat anterior pituitary. Scientific Reports, 2017, 7, 17780.	1.6	19
16	Effects of antifreeze glycoprotein 8 (AFGP8) supplementation during vitrification on the in vitro developmental capacity of expanded bovine blastocysts. Reproduction, Fertility and Development, 2017, 29, 2140.	0.1	16
17	L-arginine and N-carbamoylglutamic acid supplementation enhance young rabbit growth and immunity by regulating intestinal microbial community. Asian-Australasian Journal of Animal Sciences, 2020, 33, 166-176.	2.4	16
18	C-Phycocyanin supplementation during inÂvitro maturation enhances pre-implantation developmental competence of parthenogenetic and cloned embryos in pigs. Theriogenology, 2018, 106, 69-78.	0.9	15

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19	Dual-specificity phosphatase 1 regulates cell cycle progression and apoptosis in cumulus cells by affecting mitochondrial function, oxidative stress, and autophagy. American Journal of Physiology - Cell Physiology, 2019, 317, C1183-C1193.	2.1	15
20	Progesterone influences cytoplasmic maturation in porcine oocytes developingin vitro. PeerJ, 2016, 4, e2454.	0.9	15
21	The activated DNA double-strand break repair pathway in cumulus cells from aging patients may be used as a convincing predictor of poor outcomes after in vitro fertilization-embryo transfer treatment. PLoS ONE, 2018, 13, e0204524.	1.1	13
22	Differentially expressed lncRNA-m433s1 regulates FSH secretion by functioning as a miRNA sponge in male rat anterior pituitary cellsâ€. Biology of Reproduction, 2019, 101, 416-425.	1.2	13
23	Asiatic acid supplementation during the inÂvitro culture period improves early embryonic development of porcine embryos produced by parthenogenetic activation, somatic cell nuclear transfer and inÂvitro fertilization. Theriogenology, 2020, 142, 26-33.	0.9	13
24	Genome-wide identification and analysis of circular RNAs differentially expressed in the longissimus dorsi between Kazakh cattle and Xinjiang brown cattle. PeerJ, 2020, 8, e8646.	0.9	13
25	Advances in the Regulation of Mammalian Follicle-Stimulating Hormone Secretion. Animals, 2021, 11, 1134.	1.0	12
26	Imperatorin Ameliorates the Aging-Associated Porcine Oocyte Meiotic Spindle Defects by Reducing Oxidative Stress and Protecting Mitochondrial Function. Frontiers in Cell and Developmental Biology, 2020, 8, 592433.	1.8	11
27	Imperatorin improves inÂvitro porcine embryo development by reducing oxidative stress and autophagy. Theriogenology, 2020, 146, 145-151.	0.9	10
28	Lipopolysaccharide inhibits triglyceride synthesis in dairy cow mammary epithelial cells by upregulating miR-27a-3p, which targets the PPARG gene. Journal of Dairy Science, 2021, 104, 989-1001.	1.4	10
29	Regulation of FSH expression by differentially expressed miR-186-5p in rat anterior adenohypophyseal cells. PLoS ONE, 2018, 13, e0194300.	1.1	10
30	Function of JARID2 in bovines during early embryonic development. PeerJ, 2017, 5, e4189.	0.9	10
31	Leonurine improves inÂvitro porcine embryo development competence by reducing reactive oxygen species production and protecting mitochondrial function. Theriogenology, 2020, 156, 116-123.	0.9	9
32	circAkap17b acts as a miR-7 family molecular sponge to regulate FSH secretion in rat pituitary cells. Journal of Molecular Endocrinology, 2020, 65, 135-148.	1.1	9
33	Genome-wide identification and analysis of long noncoding RNAs in longissimus muscle tissue from Kazakh cattle and Xinjiang brown cattle. Asian-Australasian Journal of Animal Sciences, 2021, 34, 1739-1748.	2.4	9
34	GeneChip analysis of resistant Mycobacterium tuberculosis with previously treated tuberculosis in Changchun. BMC Infectious Diseases, 2018, 18, 234.	1.3	8
35	Eupafolin inhibits breast cancer cell proliferation and induces apoptosis by inhibiting the PI3K/Akt/mTOR pathway. Oncology Letters, 2021, 21, 332.	0.8	8
36	Identification of circular RNAs in the immature and mature rat anterior pituitary. Journal of Endocrinology, 2019, 240, 393-402.	1.2	8

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37	KRAS Affects Adipogenic Differentiation by Regulating Autophagy and MAPK Activation in 3T3-L1 and C2C12 Cells. International Journal of Molecular Sciences, 2021, 22, 13630.	1.8	8
38	Pituitary tissue-specific miR-7a-5p regulates FSH expression in rat anterior adenohypophyseal cells. PeerJ, 2019, 7, e6458.	0.9	7
39	A comprehensive expression profile of micrornas in rat's pituitary. International Journal of Clinical and Experimental Medicine, 2015, 8, 13289-95.	1.3	7
40	MiR-29b affects the secretion of PROG and promotes the proliferation of bovine corpus luteum cells. PLoS ONE, 2018, 13, e0195562.	1.1	6
41	sscâ€miRâ€204 regulates porcine preadipocyte differentiation and apoptosis by targeting TGFBR1 and TGFBR2. Journal of Cellular Biochemistry, 2020, 121, 609-620.	1.2	6
42	CPEB3 regulates the proliferation and apoptosis of bovine cumulus cells. Animal Science Journal, 2020, 91, e13416.	0.6	6
43	TGF-Î²1-Mediated FDNCR1 Regulates Porcine Preadipocyte Differentiation via the TGF-Î² Signaling Pathway. Animals, 2020, 10, 1399.	1.0	6
44	Identifying daily changes in circRNAs and circRNA-associated-ceRNA networks in the rat pineal gland. International Journal of Medical Sciences, 2021, 18, 1225-1239.	1.1	6
45	Analyzing the innate immunity of NIH hairless mice and the impact of gut microbial polymorphisms on Listeria monocytogenes infection. Oncotarget, 2017, 8, 106222-106232.	0.8	6
46	Centriolin, a centriole-appendage protein, regulates peripheral spindle migration and asymmetric division in mouse meiotic oocytes. Cell Cycle, 2017, 16, 1774-1780.	1.3	5
47	Reconstruction of bovine spermatozoa substances distribution and morphological differences between Holstein and Korean native cattle using three-dimensional refractive index tomography. Scientific Reports, 2019, 9, 8774.	1.6	5
48	Roles of differential expression of miR-543-5p in GH regulation in rat anterior pituitary cells and GH3 cells. PLoS ONE, 2019, 14, e0222340.	1.1	5
49	RNA-seq analysis provide new insights into mapk signaling of apolipoproteinciii-induced inflammation in porcine vascular endothelial cells. Cell Cycle, 2017, 16, 2230-2238.	1.3	4
50	Tributyltin Oxide Exposure During in vitro Maturation Disrupts Oocyte Maturation and Subsequent Embryonic Developmental Competence in Pigs. Frontiers in Cell and Developmental Biology, 2021, 9, 683448.	1.8	4
51	Carnosic acid improves porcine early embryonic development by inhibiting the accumulation of reactive oxygen species. Journal of Reproduction and Development, 2020, 66, 555-562.	0.5	4
52	Regulation of FSH Synthesis by Differentially Expressed miR-488 in Anterior Adenohypophyseal Cells. Animals, 2021, 11, 3262.	1.0	4
53	Flotillin-1 promotes progression and dampens chemosensitivity to cisplatin in gastric cancer via ERK and AKT signaling pathways. European Journal of Pharmacology, 2022, 916, 174631.	1.7	4
54	Comprehensive analysis of differences in N6â€methyladenosine RNA methylomes in the ratÂadenohypophysis after GnRH treatment. FASEB Journal, 2022, 36, e22204.	0.2	4

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55	CircRNA-WNK2 Acts as a ceRNA for miR-328a-3p to Promote AANAT Expression in the Male Rat Pineal Gland. Endocrinology, 2022, 163, .	1.4	4
56	Naturally occurring genetic mutations in the 5â€²-upstream regulatory region of bovineFSHBgenerate a novel cis-regulatory element that affects its expression. Animal Genetics, 2015, 46, 693-696.	0.6	3
57	Hydroxyurea regulates the development and survival of B16 Melanoma Cells by upregulating MiR-7013-3p. International Journal of Medical Sciences, 2021, 18, 1877-1885.	1.1	3
58	Identification of Circular RNAs in the Anterior Pituitary in Rats Treated with GnRH. Animals, 2021, 11, 2557.	1.0	3
59	LncRNA-m18as1 competitively binds with miR-18a-5p to regulate follicle-stimulating hormone secretion through the Smad2/3 pathway in rat primary pituitary cells. Journal of Zhejiang University: Science B, 2022, 23, 502-514.	1.3	3
60	CircAgtpbp1 Acts as a Molecular Sponge of miR-543-5p to Regulate the Secretion of GH in Rat Pituitary Cells. Animals, 2021, 11, 558.	1.0	2
61	Improvement of antler production and some reproduction traits in hybridization between Tian Shan Wapiti and Northeast Sika deer. Small Ruminant Research, 2017, 154, 92-97.	0.6	1
62	Effects of PSMA1 on the differentiation and lipid deposition of bovine preadipocytes. Revista Brasileira De Zootecnia, 0, 48, .	0.3	0