

Lifan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6303654/publications.pdf>

Version: 2024-02-01

47
papers

5,152
citations

430754

18
h-index

233338

45
g-index

49
all docs

49
docs citations

49
times ranked

5580
citing authors

#	ARTICLE	IF	CITATIONS
1	Serial Analysis of Gene Expression. <i>Science</i> , 1995, 270, 484-487.	6.0	3,976
2	Interferon Induced <i>IFIT</i> Family Genes in Host Antiviral Defense. <i>International Journal of Biological Sciences</i> , 2013, 9, 200-208.	2.6	197
3	TGF- β 2 signaling controls FSHR signaling-reduced ovarian granulosa cell apoptosis through the SMAD4/miR-143 axis. <i>Cell Death and Disease</i> , 2016, 7, e2476-e2476.	2.7	115
4	Long noncoding RNAs in regulating adipogenesis: new RNAs shed lights on obesity. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2079-2087.	2.4	92
5	Emerging roles of zinc finger proteins in regulating adipogenesis. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4569-4584.	2.4	71
6	A genome-wide landscape of mRNAs, lncRNAs, and circRNAs during subcutaneous adipogenesis in pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 76.	2.1	59
7	Genome-Wide Genetic Diversity and Differentially Selected Regions among Suffolk, Rambouillet, Columbia, Polypay, and Targhee Sheep. <i>PLoS ONE</i> , 2013, 8, e65942.	1.1	58
8	Melatonin reduces intramuscular fat deposition by promoting lipolysis and increasing mitochondrial function. <i>Journal of Lipid Research</i> , 2019, 60, 767-782.	2.0	45
9	The transcription factor SMAD4 and miR-10b contribute to E2 release and cell apoptosis in ovarian granulosa cells by targeting CYP19A1. <i>Molecular and Cellular Endocrinology</i> , 2018, 476, 84-95.	1.6	34
10	NORFA, long intergenic noncoding RNA, maintains sow fertility by inhibiting granulosa cell death. <i>Communications Biology</i> , 2020, 3, 131.	2.0	34
11	Reactomes of Porcine Alveolar Macrophages Infected with Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2013, 8, e59229.	1.1	33
12	Genome Wide Screening of Candidate Genes for Improving Piglet Birth Weight Using High and Low Estimated Breeding Value Populations. <i>International Journal of Biological Sciences</i> , 2014, 10, 236-244.	2.6	31
13	The development and controversy of competitive endogenous RNA hypothesis in non-coding genes. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 109-123.	1.4	31
14	Transcriptomic analysis of hepatic responses to testosterone deficiency in miniature pigs fed a high-cholesterol diet. <i>BMC Genomics</i> , 2015, 16, 59.	1.2	28
15	miR-130a regulates differential lipid accumulation between intramuscular and subcutaneous adipose tissues of pigs via suppressing PPARC expression. <i>Gene</i> , 2017, 636, 23-29.	1.0	26
16	Identification of Laying-Related SNP Markers in Geese Using RAD Sequencing. <i>PLoS ONE</i> , 2015, 10, e0131572.	1.1	25
17	A comprehensive transcriptomic view on the role of SMAD4 gene by RNAi-mediated knockdown in porcine follicular granulosa cells. <i>Reproduction</i> , 2016, 152, 81-89.	1.1	23
18	Differential miRNA expression profiles in the longissimus dorsi muscle between intact and castrated male pigs. <i>Research in Veterinary Science</i> , 2015, 99, 99-104.	0.9	21

#	ARTICLE	IF	CITATIONS
19	MicroRNA Expression Profiling of the Porcine Developing Hypothalamus and Pituitary Tissue. <i>International Journal of Molecular Sciences</i> , 2013, 14, 20326-20339.	1.8	20
20	A genome-wide association study suggests several novel candidate genes for carcass traits in Chinese Simmental beef cattle. <i>Animal Genetics</i> , 2018, 49, 312-316.	0.6	20
21	Genome-wide genetic structure and differentially selected regions among Landrace, Erhualian, and Meishan pigs using specific-locus amplified fragment sequencing. <i>Scientific Reports</i> , 2017, 7, 10063.	1.6	19
22	Myostatin/SMAD4 signaling-mediated regulation of miR-124-3p represses glucocorticoid receptor expression and inhibits adipocyte differentiation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E635-E645.	1.8	19
23	Genome-wide identification and comparison of mRNA, lncRNA and circRNA in porcine intramuscular, subcutaneous, retroperitoneal and mesenteric adipose tissues. <i>Animal Genetics</i> , 2019, 50, 228-241.	0.6	17
24	Castration-induced changes in microRNA expression profiles in subcutaneous adipose tissue of male pigs. <i>Journal of Applied Genetics</i> , 2014, 55, 259-266.	1.0	16
25	MiR-144-3p Targets FoxO1 to Reduce Its Regulation of Adiponectin and Promote Adipogenesis. <i>Frontiers in Genetics</i> , 2020, 11, 603144.	1.1	16
26	C2C12 myotubes inhibit the proliferation and differentiation of 3T3-L1 preadipocytes by reducing the expression of glucocorticoid receptor gene. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 68-74.	1.0	14
27	SMARCA2 is regulated by NORFA/miR-29c, a novel pathway related to female fertility, controls granulosa cell apoptosis. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	14
28	Quantitative Genomics of 30 Complex Phenotypes in Wagyu x Angus F ₁ Progeny. <i>International Journal of Biological Sciences</i> , 2012, 8, 838-858.	2.6	13
29	Muscle-specific downregulation of GR levels inhibits adipogenesis in porcine intramuscular adipocyte tissue. <i>Scientific Reports</i> , 2017, 7, 510.	1.6	13
30	Identification and Validation of Marketing Weight-Related SNP Markers Using SLAF Sequencing in Male Yangzhou Geese. <i>Genes</i> , 2021, 12, 1203.	1.0	13
31	miR-328-5p Regulates Lipid Accumulation in Intramuscular Fat of Erhualian Pigs by Suppressing KLF3. <i>Lipids</i> , 2021, 56, 279-287.	0.7	9
32	Revisiting the Pig IGHC Gene Locus in Different Breeds Uncovers Nine Distinct IGHC Genes. <i>Journal of Immunology</i> , 2020, 205, 2137-2145.	0.4	7
33	MiR-218-5p Affects Subcutaneous Adipogenesis by Targeting ACSL1, a Novel Candidate for Pig Fat Deposition. <i>Genes</i> , 2022, 13, 260.	1.0	7
34	Mapping, CDNA Cloning and Tissue Expression of the Porcine Thyrotropin-Releasing Hormone Receptor Gene. <i>Animal Biotechnology</i> , 2011, 22, 30-36.	0.7	6
35	ACAT2 Is a Novel Negative Regulator of Pig Intramuscular Preadipocytes Differentiation. <i>Biomolecules</i> , 2022, 12, 237.	1.8	5
36	Testosterone Deficiency Induces Changes of the Transcriptomes of Visceral Adipose Tissue in Miniature Pigs Fed a High-Fat and High-Cholesterol Diet. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2125.	1.8	4

#	ARTICLE	IF	CITATIONS
37	Genetic variants in <i>IL15</i> promoter affect transcription activity and intramuscular fat deposition in longissimus dorsi muscle of pigs. <i>Animal Genetics</i> , 2018, 49, 19-28.	0.6	4
38	GROWTH AND DEVELOPMENT SYMPOSIUM: STEM AND PROGENITOR CELLS IN ANIMAL GROWTH: Long noncoding RNAs in adipogenesis and adipose development of meat animals. <i>Journal of Animal Science</i> , 2019, 97, 2644-2657.	0.2	4
39	SESN3 Inhibited SMAD3 to Relieve Its Suppression for MiR-124, Thus Regulating Pre-Adipocyte Adipogenesis. <i>Genes</i> , 2021, 12, 1852.	1.0	4
40	A novel c.652C>T mutation in UCHL1 gene is associated with the growth performance in Yangzhou goose. <i>Poultry Science</i> , 2021, 100, 101089.	1.5	2
41	MiR-144 regulates adipogenesis by mediating formation of C/EBP β -FOXO1 protein complex. <i>Biochemical and Biophysical Research Communications</i> , 2022, 612, 126-133.	1.0	2
42	Nonivamide induces brown fat-like characteristics in porcine subcutaneous adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2022, 619, 68-75.	1.0	2
43	Hoxa11 and Hoxa13 facilitate slow-twitch muscle formation in C2C12 cells and indirectly affect the lipid deposition of 3T3L1 cells. <i>Animal Science Journal</i> , 2021, 92, e13544.	0.6	1
44	Serum metabolomic investigations of mulberry leaf powder supplementation in Chinese Erhualian pigs. <i>Journal of Animal and Feed Sciences</i> , 2020, 29, 132-142.	0.4	1
45	Polymorphism of the porcine CGA gene and its association with growth and carcass traits. <i>South African Journal of Animal Sciences</i> , 2011, 41, .	0.2	0
46	Promoter CpG methylation status affects ADRP gene expression level and intramuscular fat content in pigs. <i>Italian Journal of Animal Science</i> , 2020, 19, 783-791.	0.8	0
47	<i>UBXN1</i> is a strong candidate gene in regulation of pork water-holding capacity. <i>Archives Animal Breeding</i> , 2021, 64, 109-118.	0.5	0