

# Chuanying Pan

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,422  
citations

279701

23  
h-index

360920

35  
g-index

65  
all docs

65  
docs citations

65  
times ranked

759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of the relationship between polymorphisms within the <i>BMP1B</i> gene and sheep reproductive traits. <i>Animal Biotechnology</i> , 2023, 34, 718-727.	0.7	10
2	Screen of small fragment mutations within the sheep thyroid stimulating hormone receptor gene associated with litter size. <i>Animal Biotechnology</i> , 2023, 34, 658-663.	0.7	4
3	Investigation on mRNA expression and genetic variation within goat <i>SMAD2</i> gene and its association with litter size. <i>Animal Biotechnology</i> , 2023, 34, 2111-2119.	0.7	3
4	Relationships between novel nucleotide variants within the colony-stimulating factor 1 receptor ( <i>CSF1R</i> ) gene and mastitis indicators in sheep. <i>Animal Biotechnology</i> , 2022, 33, 731-738.	0.7	3
5	Identification of three new microsatellites and their effects on body measurement traits in pigs using time of flight-mass spectrometry (TOF-MS). <i>Animal Biotechnology</i> , 2022, 33, 1035-1044.	0.7	1
6	A 7-nt nucleotide sequence variant within the sheep <i>KDM3B</i> gene affects female reproduction traits. <i>Animal Biotechnology</i> , 2022, 33, 1661-1667.	0.7	3
7	Early-life lead exposure induces long-term toxicity in the central nervous system: From zebrafish larvae to juveniles and adults. <i>Science of the Total Environment</i> , 2022, 804, 150185.	3.9	41
8	Developmental exposure to environmental levels of cadmium induces neurotoxicity and activates microglia in zebrafish larvae: From the perspectives of neurobehavior and neuroimaging. <i>Chemosphere</i> , 2022, 291, 132802.	4.2	24
9	Three novel simple sequence repeats (SSRs) identified by MALDI-TOF-MS method were associated with backfat in pig. <i>Animal Biotechnology</i> , 2022, , 1-8.	0.7	0
10	Investigation of Copy Number Variations (CNVs) of the Goat PPP3CA Gene and Their Effect on Litter Size and Semen Quality. <i>Animals</i> , 2022, 12, 445.	1.0	5
11	Whole-genome sequencing to identify candidate genes for litter size and to uncover the variant function in goats ( <i>Capra hircus</i> ). <i>Genomics</i> , 2021, 113, 142-150.	1.3	28
12	An insertion/deletion within the CREB1 gene identified using the RNA-sequencing is associated with sheep body morphometric traits. <i>Gene</i> , 2021, 775, 145444.	1.0	10
13	The mRNA expression profile of the goat prion protein testis-specific (PRNT) gene and its associations with litter size. <i>Theriogenology</i> , 2021, 165, 69-75.	0.9	13
14	A 24-bp indel within the sheep AHR gene is associated with litter size. <i>Animal Biotechnology</i> , 2021, , 1-6.	0.7	2
15	Detection of 15-bp Deletion Mutation within PLAG1 Gene and Its Effects on Growth Traits in Goats. <i>Animals</i> , 2021, 11, 2064.	1.0	8
16	Ronin governs the metabolic capacity of the embryonic lineage for postimplantation development. <i>EMBO Reports</i> , 2021, 22, e53048.	2.0	4
17	Insertion/deletion variants within the IGF2BP2 gene identified in reported genome-wide selective sweep analysis reveal a correlation with goat litter size. <i>Journal of Zhejiang University: Science B</i> , 2021, 22, 757-766.	1.3	8
18	Palliative effects of metformin on testicular damage induced by triptolide in male rats. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112536.	2.9	6

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19	Detection of mRNA Expression and Copy Number Variations Within the Goat FecB Gene Associated With Litter Size. <i>Frontiers in Veterinary Science</i> , 2021, 8, 758705.	0.9	13
20	A deletion mutation within the <i>ATBF1</i> gene is strongly associated with goat litter size. <i>Animal Biotechnology</i> , 2020, 31, 174-180.	0.7	11
21	Indel variants within the <i>PRL</i> and <i>GHR</i> genes associated with sheep litter size. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1470-1478.	0.6	20
22	Goat sperm associated antigen 17 protein gene (SPAG17): Small and large fragment genetic variation detection, association analysis, and mRNA expression in gonads. <i>Genomics</i> , 2020, 112, 5115-5121.	1.3	16
23	C2C12 Mouse Myoblasts Damage Induced by Oxidative Stress Is Alleviated by the Antioxidant Capacity of the Active Substance Phloretin. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 541260.	1.8	14
24	Identification and characterization of male reproduction-related genes in pig ( <i>Sus scrofa</i> ) using transcriptome analysis. <i>BMC Genomics</i> , 2020, 21, 381.	1.2	7
25	Early cleavage of preimplantation embryos is regulated by tRNA <sup>Gln</sup> -TTGâ€‘derived small RNAs present in mature spermatozoa. <i>Journal of Biological Chemistry</i> , 2020, 295, 10885-10900.	1.6	33
26	Two Novel Rare Strongly Linked Missense SNPs (P27R and A85G) Within the GDF9 Gene Were Significantly Associated With Litter Size in Shaanbei White Cashmere (SBWC) Goats. <i>Frontiers in Veterinary Science</i> , 2020, 7, 406.	0.9	6
27	A 5-bp mutation within <i>MSTN</i> / <i>GDF8</i> gene was significantly associated with growth traits in Inner Mongolia White Cashmere goats. <i>Animal Biotechnology</i> , 2020, 32, 1-6.	0.7	8
28	miR-205 Expression Elevated With EDS Treatment and Induced Leydig Cell Apoptosis by Targeting RAP2B via the PI3K/AKT Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 448.	1.8	4
29	Chlorpyrifos inhibits sperm maturation and induces a decrease in mouse male fertility. <i>Environmental Research</i> , 2020, 188, 109785.	3.7	20
30	Myostatin (MSTN) Gene Indel Variation and Its Associations with Body Traits in Shaanbei White Cashmere Goat. <i>Animals</i> , 2020, 10, 168.	1.0	19
31	Goat CMTM2: mRNA expression profiles of different alternative spliced variants and associations analyses with growth traits. <i>3 Biotech</i> , 2020, 10, 131.	1.1	6
32	Genetic effects of <i>DSCAML1</i> identified in genome-wide association study revealing strong associations with litter size and semen quality in goat ( <i>Capra hircus</i> ). <i>Theriogenology</i> , 2020, 146, 20-25.	0.9	52
33	Multiple morphological abnormalities of the sperm flagella (MMAF)-associated genes: The relationships between genetic variation and litter size in goats. <i>Gene</i> , 2020, 753, 144778.	1.0	12
34	Pig SOX9: Expression profiles of Sertoli cell (SCs) and a functional 18 bp indel affecting testis weight. <i>Theriogenology</i> , 2019, 138, 94-101.	0.9	29
35	A 14-bp functional deletion within the CMTM2 gene is significantly associated with litter size in goat. <i>Theriogenology</i> , 2019, 139, 49-57.	0.9	46
36	Genetic Effects of Single Nucleotide Polymorphisms in the Goat GDF9 Gene on Prolificacy: True or False Positive?. <i>Animals</i> , 2019, 9, 886.	1.0	27

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37	Pig Hsd17b3: Alternative splice variants expression, insertion/deletion (indel) in promoter region and their associations with male reproductive traits. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 195, 105483.	1.2	13
38	Goat SPEF2: Expression profile, indel variants identification and association analysis with litter size. <i>Theriogenology</i> , 2019, 139, 147-155.	0.9	33
39	A novel missense mutation (L280V) within POU1F1 gene strongly affects litter size and growth traits in goat. <i>Theriogenology</i> , 2019, 135, 198-203.	0.9	20
40	<scpd></scpd><i>chiro</i>-Inositol Ameliorates High Fat Diet-Induced Hepatic Steatosis and Insulin Resistance via PKC $\mu$ -PI3K/AKT Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5957-5967.	2.4	38
41	Relationship between SNPs of POU1F1 Gene and Litter Size and Growth Traits in Shaanbei White Cashmere Goats. <i>Animals</i> , 2019, 9, 114.	1.0	37
42	Polymorphisms within the Boule Gene Detected by Tetra-Primer Amplification Refractory Mutation System PCR (T-ARMS-PCR) are Significantly Associated with Goat Litter Size. <i>Animals</i> , 2019, 9, 910.	1.0	3
43	An 11-bp Indel Polymorphism within the CSN1S1 Gene Is Associated with Milk Performance and Body Measurement Traits in Chinese Goats. <i>Animals</i> , 2019, 9, 1114.	1.0	25
44	One 16 $\mu$ bp insertion/deletion (indel) within the KDM6A gene revealing strong associations with growth traits in goat. <i>Gene</i> , 2019, 686, 16-20.	1.0	29
45	Two strongly linked single nucleotide polymorphisms (Q320P and V397I) in GDF9 gene are associated with litter size in cashmere goats. <i>Theriogenology</i> , 2019, 125, 115-121.	0.9	77
46	Development of a touch-down multiplex PCR method for simultaneously rapidly detecting three novel insertion/deletions (indels) within one gene: an example for goat GHR gene. <i>Animal Biotechnology</i> , 2019, 30, 366-371.	0.7	38
47	Activation of Nrf2 by Phloretin Attenuates Palmitic Acid-Induced Endothelial Cell Oxidative Stress via AMPK-Dependent Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 120-131.	2.4	55
48	A 20-bp insertion/deletion (indel) polymorphism within the &lt;i>CDC25A</i> gene and its associations with growth traits in goat. <i>Archives Animal Breeding</i> , 2019, 62, 353-360.	0.5	18
49	Chlorpyrifos Induction of Testicular-Cell Apoptosis through Generation of Reactive Oxygen Species and Phosphorylation of AMPK. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12455-12470.	2.4	50
50	Goat CTNNB1: mRNA expression profile of alternative splicing in testis and association analysis with litter size. <i>Gene</i> , 2018, 679, 297-304.	1.0	34
51	Goat Boule: Isoforms identification, mRNA expression in testis and functional study and promoter methylation profiles. <i>Theriogenology</i> , 2018, 116, 53-63.	0.9	5
52	Insertion/Deletion Within the KDM6A Gene Is Significantly Associated With Litter Size in Goat. <i>Frontiers in Genetics</i> , 2018, 9, 91.	1.1	112
53	A novel indel within goat casein alpha S1 gene is significantly associated with litter size. <i>Gene</i> , 2018, 671, 161-169.	1.0	48
54	Identification of a novel 12-bp insertion/deletion (indel) of iPS-related Oct4 gene and its association with reproductive traits in male piglets. <i>Animal Reproduction Science</i> , 2017, 178, 55-60.	0.5	32

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55	A novel 12â€bp indel polymorphism within the <i><scp>GDF</scp>9</i> gene is significantly associated with litter size and growth traits in goats. <i>Animal Genetics</i> , 2017, 48, 735-736.	0.6	75
56	Cysteine protects rabbit spermatozoa against reactive oxygen species-induced damages. <i>PLoS ONE</i> , 2017, 12, e0181110.	1.1	28
57	Associations of six SNPs of POU1F1-PROP1-PITX1-SIX3 pathway genes with growth traits in two Chinese indigenous goat breeds. <i>Annals of Animal Science</i> , 2017, 17, 399-411.	0.6	15
58	Identification of novel isoforms of dairy goat EEF1D and their mRNA expression characterization. <i>Gene</i> , 2016, 581, 14-20.	1.0	5
59	Identification of novel alternative splicing transcript and expression analysis of bovine TMEM95 gene. <i>Gene</i> , 2016, 575, 531-536.	1.0	16
60	Novel alternative splice variants of NFIX and their diverse mRNA expression patterns in dairy goat. <i>Gene</i> , 2015, 569, 250-258.	1.0	11
61	Expression of TAT recombinant Oct4, Sox2, Lin28, and Nanog proteins from baculovirus-infected Sf9 insect cells. <i>Gene</i> , 2015, 556, 245-248.	1.0	9
62	Reprogramming human fibroblasts using HIV-1 TAT recombinant proteins OCT4, SOX2, KLF4 and c-MYC. <i>Molecular Biology Reports</i> , 2010, 37, 2117-2124.	1.0	42
63	An economical single-sided antibody incubation method for Western blotting. <i>Journal of Virological Methods</i> , 2010, 169, 409-411.	1.0	5
64	SNL fibroblast feeder layers support derivation and maintenance of human induced pluripotent stem cells. <i>Journal of Genetics and Genomics</i> , 2010, 37, 241-248.	1.7	24
65	A TaqI PCR-RFLP Detecting a Novel SNP in ExonÂ2 of the Bovine POU1F1 Gene. <i>Biochemical Genetics</i> , 2008, 46, 424-432.	0.8	9