

# Bo Zhou

## List of Publications by Year in descending order

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43  
papers

1,440  
citations

430874

18  
h-index

330143

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45  
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45  
docs citations

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times ranked

1756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Distribution of the Gut Microbiota and the Relationship with Apparent Crude Fiber Digestibility and Growth Stages in Pigs. <i>Scientific Reports</i> , 2015, 5, 9938.	3.3	294
2	Development and molecular cytogenetic analysis of wheat-Haynaldia villosa 6VS/6AL translocation lines specifying resistance to powdery mildew. <i>Theoretical and Applied Genetics</i> , 1995, 91-91, 1125-1128.	3.6	241
3	miR-26b Promotes Granulosa Cell Apoptosis by Targeting ATM during Follicular Atresia in Porcine Ovary. <i>PLoS ONE</i> , 2012, 7, e38640.	2.5	106
4	Radiation-induced translocations with reduced Haynaldia villosa chromatin at the Pm21 locus for powdery mildew resistance in wheat. <i>Molecular Breeding</i> , 2013, 31, 477-484.	2.1	77
5	QTLs for Fusarium head blight response in a wheat DH population of Wangshuibai/Alondra™. <i>Euphytica</i> , 2006, 146, 183-191.	1.2	72
6	Development and characterization of wheat- <i>Leymus racemosus</i> translocation lines with resistance to Fusarium Head Blight. <i>Theoretical and Applied Genetics</i> , 2005, 111, 941-948.	3.6	69
7	lncRNA AK017368 promotes proliferation and suppresses differentiation of myoblasts in skeletal muscle development by attenuating the function of miR-30c. <i>FASEB Journal</i> , 2018, 32, 377-389.	0.5	68
8	Fermented feed regulates growth performance and the cecal microbiota community in geese. <i>Poultry Science</i> , 2019, 98, 4673-4684.	3.4	46
9	MicroRNA-128 targets myostatin at coding domain sequence to regulate myoblasts in skeletal muscle development. <i>Cellular Signalling</i> , 2015, 27, 1895-1904.	3.6	44
10	Formation of Primordial Follicles and Immunolocalization of PTEN, PKB and FOXO3A Proteins in the Ovaries of Fetal and Neonatal Pigs. <i>Journal of Reproduction and Development</i> , 2010, 56, 162-168.	1.4	38
11	Stocking density affects welfare indicators of growing pigs of different group sizes after regrouping. <i>Applied Animal Behaviour Science</i> , 2016, 174, 42-50.	1.9	37
12	MicroRNA expression profiles of porcine skeletal muscle. <i>Animal Genetics</i> , 2010, 41, 499-508.	1.7	28
13	Screening and Applying Wheat Microsatellite Markers to Trace Individual Haynaldia villosa Chromosomes. <i>Journal of Genetics and Genomics</i> , 2006, 33, 236-243.	0.3	24
14	Introgression of genes for cotton leaf curl virus resistance and increased fiber strength from <i>Gossypium stocksii</i> into upland cotton ( <i>G. hirsutum</i> ). <i>Genetics and Molecular Research</i> , 2014, 13, 1133-1143.	0.2	23
15	Genome-wide differential mRNA expression profiles in follicles of two breeds and at two stages of estrus cycle of gilts. <i>Scientific Reports</i> , 2017, 7, 5052.	3.3	23
16	Molecular cytogenetic characterization of <i>Roegneria ciliaris</i> chromosome additions in common wheat. <i>Theoretical and Applied Genetics</i> , 2001, 102, 651-657.	3.6	22
17	Combination of antibiotics suppressed the increase of a part of ARGs in fecal microorganism of weaned pigs. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18183-18191.	5.3	22
18	Effects of tail docking and teeth clipping on the physiological responses, wounds, behavior, growth, and backfat depth of pigs. <i>Journal of Animal Science</i> , 2013, 91, 4908-4916.	0.5	19

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19	Behavioural genetic differences between Chinese and European pigs. <i>Journal of Genetics</i> , 2017, 96, 707-715.	0.7	16
20	Expression Profiles of the Insulin-like Growth Factor System Components in Liver Tissue during Embryonic and Postnatal Growth of Erhualian and Yorkshire Reciprocal Cross F1 Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 903-912.	2.4	15
21	Effects of several in-feed antibiotic combinations on the abundance and diversity of fecal microbes in weaned pigs. <i>Canadian Journal of Microbiology</i> , 2017, 63, 402-410.	1.7	14
22	Reestablishment of Social Hierarchies in Weaned Pigs after Mixing. <i>Animals</i> , 2020, 10, 36.	2.3	14
23	Group housing during gestation affects the behaviour of sows and the physiological indices of offspring at weaning. <i>Animal</i> , 2014, 8, 1162-1169.	3.3	11
24	Cytogenetic and molecular identification of three <i>Triticum aestivum</i> - <i>Leymus racemosus</i> translocation addition lines. <i>Journal of Genetics and Genomics</i> , 2009, 36, 379-385.	3.9	10
25	Computational identification of new porcine microRNAs and their targets. <i>Animal Science Journal</i> , 2010, 81, 290-296.	1.4	10
26	Teeth clipping, tail docking and toy enrichment affect physiological indicators, behaviour and lesions of weaned pigs after re-location and mixing. <i>Livestock Science</i> , 2018, 212, 137-142.	1.6	9
27	Identification of Single Nucleotide Polymorphisms in Porcine MAOA Gene Associated with Aggressive Behavior of Weaned Pigs after Group Mixing. <i>Animals</i> , 2019, 9, 952.	2.3	9
28	Predominant wheat-alien chromosome translocations in newly developed wheat of China. <i>Molecular Breeding</i> , 2021, 41, 1.	2.1	9
29	Effects of tail docking and/or teeth clipping on behavior, lesions, and physiological indicators of sows and their piglets. <i>Animal Science Journal</i> , 2019, 90, 1320-1332.	1.4	8
30	Effects of <i>Macleaya cordata</i> extract on small intestinal morphology and gastrointestinal microbiota diversity of weaned pigs. <i>Livestock Science</i> , 2020, 237, 104040.	1.6	8
31	MiR-31 targets HSD17B14 and FSHR, and miR-20b targets HSD17B14 to affect apoptosis and steroid hormone metabolism of porcine ovarian granulosa cells. <i>Theriogenology</i> , 2022, 180, 94-102.	2.1	8
32	Drinking Water Supplemented with Acidifiers Improves the Growth Performance of Weaned Pigs and Potentially Regulates Antioxidant Capacity, Immunity, and Gastrointestinal Microbiota Diversity. <i>Antioxidants</i> , 2022, 11, 809.	5.1	8
33	Age-dependent expression of forkhead box O proteins in the duodenum of rats. <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 730-735.	2.8	6
34	Identifying blood-based biomarkers associated with aggression in weaned pigs after mixing. <i>Applied Animal Behaviour Science</i> , 2020, 224, 104927.	1.9	6
35	Pigs' skin lesions at weaning are primarily caused by standoff and being bullied instead of unilateral active attack at the individual level. <i>Applied Animal Behaviour Science</i> , 2022, 247, 105556.	1.9	5
36	Genetic differences in oestrous signs and oestrogen metabolism-related genes between Chinese Mi and European Landrace Large White pigs. <i>Reproduction in Domestic Animals</i> , 2017, 52, 696-700.	1.4	4

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37	<i>Macleaya cordata</i> extracts suppressed the increase of a part of antibiotic resistance genes in fecal microorganism of weaned pigs. Canadian Journal of Animal Science, 2018, 98, 884-887.	1.5	4
38	Identification of Functional Single Nucleotide Polymorphisms in Porcine HSD17B14 Gene Associated with Estrus Behavior Difference between Large White and Mi Gilts. Biomolecules, 2020, 10, 1545.	4.0	4
39	Functionally Antagonistic Transcription Factors IRF1 and IRF2 Regulate the Transcription of the Dopamine Receptor D2 Gene Associated with Aggressive Behavior of Weaned Pigs. Biology, 2022, 11, 135.	2.8	2
40	Comprehensive Transcriptome Analysis of Follicles from Two Stages of the Estrus Cycle of Two Breeds Reveals the Roles of Long Intergenic Non-Coding RNAs in Gilts. Biology, 2022, 11, 716.	2.8	2
41	A Single-Nucleotide Polymorphism in the Promoter of Porcine ARHGAP24 Gene Regulates Aggressive Behavior of Weaned Pigs After Mixing by Affecting the Binding of Transcription Factor p53. Frontiers in Cell and Developmental Biology, 2022, 10, 839583.	3.7	1
42	Identification of functional single nucleotide polymorphisms in the porcine <i>SLC6A4</i> gene associated with aggressive behavior in weaned pigs after mixing. Journal of Animal Science, 2022, 100, .	0.5	1
43	Functional variants in the promoter region of sulfotransferase 1C1 gene associated with estrogen degradation in gilts. Animal Science Journal, 2022, 93, .	1.4	1