

Xiangbin Mao

List of Publications by Year in descending order

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139
papers

3,996
citations

117625

34
h-index

175258

52
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140
all docs

140
docs citations

140
times ranked

3920
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary fibre affects intestinal mucosal barrier function and regulates intestinal bacteria in weaning piglets. <i>British Journal of Nutrition</i> , 2013, 110, 1837-1848.	2.3	194
2	Chlorogenic acid improves intestinal barrier functions by suppressing mucosa inflammation and improving antioxidant capacity in weaned pigs. <i>Journal of Nutritional Biochemistry</i> , 2018, 59, 84-92.	4.2	116
3	Arginine enhances embryo implantation in rats through PI3K/PKB/mTOR/NO signaling pathway during early pregnancy. <i>Reproduction</i> , 2013, 145, 1-7.	2.6	108
4	Oxidative stress-induced diseases and tea polyphenols. <i>Oncotarget</i> , 2017, 8, 81649-81661.	1.8	106
5	Dietary chlorogenic acid improves growth performance of weaned pigs through maintaining antioxidant capacity and intestinal digestion and absorption function. <i>Journal of Animal Science</i> , 2018, 96, 1108-1118.	0.5	91
6	Gut microbiota can transfer fiber characteristics and lipid metabolic profiles of skeletal muscle from pigs to germ-free mice. <i>Scientific Reports</i> , 2016, 6, 31786.	3.3	86
7	New insights into the role of chitosan oligosaccharide in enhancing growth performance, antioxidant capacity, immunity and intestinal development of weaned pigs. <i>RSC Advances</i> , 2017, 7, 9669-9679.	3.6	78
8	Dietary chlorogenic acid supplementation affects gut morphology, antioxidant capacity and intestinal selected bacterial populations in weaned piglets. <i>Food and Function</i> , 2018, 9, 4968-4978.	4.6	76
9	Gastric infusion of short-chain fatty acids can improve intestinal barrier function in weaned piglets. <i>Genes and Nutrition</i> , 2019, 14, 4.	2.5	74
10	Dietary <i>Lactobacillus rhamnosus</i> GG Supplementation Improves the Mucosal Barrier Function in the Intestine of Weaned Piglets Challenged by Porcine Rotavirus. <i>PLoS ONE</i> , 2016, 11, e0146312.	2.5	74
11	The Bidirectional Interactions between Resveratrol and Gut Microbiota: An Insight into Oxidative Stress and Inflammatory Bowel Disease Therapy. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	69
12	Optimal Dietary True Ileal Digestible Threonine for Supporting the Mucosal Barrier in Small Intestine of Weanling Pigs. <i>Journal of Nutrition</i> , 2010, 140, 981-986.	2.9	66
13	Arginine metabolism and its protective effects on intestinal health and functions in weaned piglets under oxidative stress induced by diquat. <i>British Journal of Nutrition</i> , 2017, 117, 1495-1502.	2.3	62
14	Protective effects of dietary arginine supplementation against oxidative stress in weaned piglets. <i>British Journal of Nutrition</i> , 2013, 109, 2253-2260.	2.3	61
15	Codon Optimization Significantly Improves the Expression Level of a Keratinase Gene in <i>Pichia pastoris</i> . <i>PLoS ONE</i> , 2013, 8, e58393.	2.5	60
16	N-Carbamylglutamate Enhances Pregnancy Outcome in Rats through Activation of the PI3K/PKB/mTOR Signaling Pathway. <i>PLoS ONE</i> , 2012, 7, e41192.	2.5	58
17	The effect of dietary tryptophan levels on oxidative stress of liver induced by diquat in weaned piglets. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 49.	5.3	55
18	Intestinal microbiota could transfer host Gut characteristics from pigs to mice. <i>BMC Microbiology</i> , 2016, 16, 238.	3.3	54

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19	Effects of Benzoic Acid and Thymol on Growth Performance and Gut Characteristics of Weaned Piglets. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 827-839.	2.4	51
20	Effects of benzoic acid (VevoVital [®]) on the performance and jejunal digestive physiology in young pigs. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 32.	5.3	50
21	Benzoic acid beneficially affects growth performance of weaned pigs which was associated with changes in gut bacterial populations, morphology indices and growth factor gene expression. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 1137-1146.	2.2	49
22	Isoleucine Plays an Important Role for Maintaining Immune Function. <i>Current Protein and Peptide Science</i> , 2019, 20, 644-651.	1.4	49
23	Vitamin D 3 supplementation alleviates rotavirus infection in pigs and IPEC-J2 cells via regulating the autophagy signaling pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 163, 157-163.	2.5	48
24	Benzoic Acid Used as Food and Feed Additives Can Regulate Gut Functions. <i>BioMed Research International</i> , 2019, 2019, 1-6.	1.9	48
25	Specific roles of threonine in intestinal mucosal integrity and barrier function. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1192-1200.	1.8	47
26	Alginate oligosaccharide-induced intestinal morphology, barrier function and epithelium apoptosis modifications have beneficial effects on the growth performance of weaned pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 58.	5.3	47
27	Butyrate promotes slow-twitch myofiber formation and mitochondrial biogenesis in finishing pigs via inducing specific microRNAs and PGC-1 α expression. <i>Journal of Animal Science</i> , 2019, 97, 3180-3192.	0.5	47
28	Alginate oligosaccharide enhances intestinal integrity of weaned pigs through altering intestinal inflammatory responses and antioxidant status. <i>RSC Advances</i> , 2018, 8, 13482-13492.	3.6	46
29	Responses of growth performance and tryptophan metabolism to oxidative stress induced by diquat in weaned pigs. <i>Animal</i> , 2012, 6, 928-934.	3.3	44
30	Dietary vitamin D supplementation attenuates immune responses of pigs challenged with rotavirus potentially through the retinoic acid-inducible gene I signalling pathway. <i>British Journal of Nutrition</i> , 2014, 112, 381-389.	2.3	44
31	Spray-dried chicken plasma improves intestinal digestive function and regulates intestinal selected microflora in weaning piglets. <i>Journal of Animal Science</i> , 2015, 93, 2967-2976.	0.5	44
32	Effects of soluble and insoluble dietary fiber supplementation on growth performance, nutrient digestibility, intestinal microbe and barrier function in weaning piglet. <i>Animal Feed Science and Technology</i> , 2020, 260, 114335.	2.2	44
33	Short chain fatty acids could prevent fat deposition in pigs via regulating related hormones and genes. <i>Food and Function</i> , 2020, 11, 1845-1855.	4.6	40
34	Vanadate oxidative and apoptotic effects are mediated by the MAPK-Nrf2 pathway in layer oviduct magnum epithelial cells. <i>Metallomics</i> , 2017, 9, 1562-1575.	2.4	37
35	Oral administration of short chain fatty acids could attenuate fat deposition of pigs. <i>PLoS ONE</i> , 2018, 13, e0196867.	2.5	37
36	Effects of benzoic acid, <i>Bacillus coagulans</i> and oregano oil combined supplementation on growth performance, immune status and intestinal barrier integrity of weaned piglets. <i>Animal Nutrition</i> , 2020, 6, 152-159.	5.1	37

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37	Zn ²⁺ and l-isoleucine induce the expressions of porcine β -defensins in IPEC-J2 cells. <i>Molecular Biology Reports</i> , 2013, 40, 1547-1552.	2.3	35
38	Recombinant plectasin elicits similar improvements in the performance and intestinal mucosa growth and activity in weaned pigs as an antibiotic. <i>Animal Feed Science and Technology</i> , 2016, 211, 216-226.	2.2	35
39	l-Isoleucine Administration Alleviates Rotavirus Infection and Immune Response in the Weaned Piglet Model. <i>Frontiers in Immunology</i> , 2018, 9, 1654.	4.8	35
40	Differential expression of lipid metabolism-related genes and myosin heavy chain isoform genes in pig muscle tissue leading to different meat quality. <i>Animal</i> , 2015, 9, 1073-1080.	3.3	34
41	Metabolic disorder of amino acids, fatty acids and purines reflects the decreases in oocyte quality and potential in sows. <i>Journal of Proteomics</i> , 2019, 200, 134-143.	2.4	34
42	Dietary arginine supplementation alleviates immune challenge induced by <i>Salmonella enterica</i> serovar Choleraesuis bacterin potentially through the Toll-like receptor 4-myeloid differentiation factor 88 signalling pathway in weaned piglets. <i>British Journal of Nutrition</i> , 2012, 108, 1069-1076.	2.3	33
43	Effect of dietary supplementation of <i>Bacillus coagulans</i> or yeast hydrolysates on growth performance, antioxidant activity, cytokines and intestinal microflora of growing-finishing pigs. <i>Animal Nutrition</i> , 2019, 5, 366-372.	5.1	33
44	Amelioration of Enterotoxigenic <i>Escherichia coli</i> -Induced Intestinal Barrier Disruption by Low-Molecular-Weight Chitosan in Weaned Pigs is Related to Suppressed Intestinal Inflammation and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3485.	4.1	31
45	Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	4.0	31
46	Long-Term Intake of Pea Fiber Affects Colonic Barrier Function, Bacterial and Transcriptional Profile in Pig Model. <i>Nutrition and Cancer</i> , 2014, 66, 388-399.	2.0	30
47	Dietary Leucine Supplementation Improves the Mucin Production in the Jejunal Mucosa of the Weaned Pigs Challenged by Porcine Rotavirus. <i>PLoS ONE</i> , 2015, 10, e0137380.	2.5	30
48	Lentinan administration relieves gut barrier dysfunction induced by rotavirus in a weaned piglet model. <i>Food and Function</i> , 2019, 10, 2094-2101.	4.6	30
49	Dietary Pectic Oligosaccharide Administration Improves Growth Performance and Immunity in Weaned Pigs Infected by Rotavirus. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2923-2929.	5.2	29
50	Effect of different dietary non-starch fiber fractions on growth performance, nutrient digestibility, and intestinal development in weaned pigs. <i>Nutrition</i> , 2018, 51-52, 20-28.	2.4	29
51	Protective Effects of Benzoic Acid, <i>Bacillus Coagulans</i> , and Oregano Oil on Intestinal Injury Caused by Enterotoxigenic <i>Escherichia coli</i> in Weaned Piglets. <i>BioMed Research International</i> , 2018, 2018, 1-12.	1.9	29
52	The Effect of Oxidative Stress on the Chicken Ovary: Involvement of Microbiota and Melatonin Interventions. <i>Antioxidants</i> , 2021, 10, 1422.	5.1	28
53	Leucine promotes leptin receptor expression in mouse C2C12 myotubes through the mTOR pathway. <i>Molecular Biology Reports</i> , 2011, 38, 3201-3206.	2.3	27
54	Mannan oligosaccharide supplementation in diets of sow and (or) their offspring improved immunity and regulated intestinal bacteria in piglet1. <i>Journal of Animal Science</i> , 2019, 97, 4548-4556.	0.5	27

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55	Alteration of the Antioxidant Capacity and Gut Microbiota under High Levels of Molybdenum and Green Tea Polyphenols in Laying Hens. <i>Antioxidants</i> , 2019, 8, 503.	5.1	27
56	Capsulized faecal microbiota transplantation ameliorates post-weaning diarrhoea by modulating the gut microbiota in piglets. <i>Veterinary Research</i> , 2020, 51, 55.	3.0	27
57	Dietary apple pectic oligosaccharide improves gut barrier function of rotavirus-challenged weaned pigs by increasing antioxidant capacity of enterocytes. <i>Oncotarget</i> , 2017, 8, 92420-92430.	1.8	27
58	Alginate oligosaccharide alleviates enterotoxigenic <i>Escherichia coli</i> -induced intestinal mucosal disruption in weaned pigs. <i>Food and Function</i> , 2018, 9, 6401-6413.	4.6	26
59	Differential analysis of gut microbiota and the effect of dietary <i>Enterococcus faecium</i> supplementation in broiler breeders with high or low laying performance. <i>Poultry Science</i> , 2021, 100, 1109-1119.	3.4	26
60	Leptin and leucine synergistically regulate protein metabolism in C2C12 myotubes and mouse skeletal muscles. <i>British Journal of Nutrition</i> , 2013, 110, 256-264.	2.3	25
61	Tea and Its Components Prevent Cancer: A Review of the Redox-Related Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5249.	4.1	25
62	Expression of a keratinase (kerA) gene from <i>Bacillus licheniformis</i> in <i>Escherichia coli</i> and characterization of the recombinant enzymes. <i>Biotechnology Letters</i> , 2013, 35, 239-244.	2.2	24
63	Stimulation of intestinal growth with distal ileal infusion of short-chain fatty acid: a reevaluation in a pig model. <i>RSC Advances</i> , 2017, 7, 30792-30806.	3.6	24
64	Effects of Chronic Exposure to Low Levels of Dietary Aflatoxin B1 on Growth Performance, Apparent Total Tract Digestibility and Intestinal Health in Pigs. <i>Animals</i> , 2021, 11, 336.	2.3	24
65	Amniotic fluid metabolomics and biochemistry analysis provides novel insights into the diet-regulated foetal growth in a pig model. <i>Scientific Reports</i> , 2017, 7, 44782.	3.3	23
66	Maternal <i>N</i> -Carbamylglutamate Supply during Early Pregnancy Enhanced Pregnancy Outcomes in Sows through Modulations of Targeted Genes and Metabolism Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5845-5852.	5.2	23
67	Effects of intrauterine growth retardation and maternal folic acid supplementation on hepatic mitochondrial function and gene expression in piglets. <i>Archives of Animal Nutrition</i> , 2012, 66, 357-371.	1.8	22
68	Effect of dietary amylose/amylopectin ratio on growth performance, carcass traits, and meat quality in finishing pigs. <i>Meat Science</i> , 2015, 108, 55-60.	5.5	22
69	'Dietary Arginine Supplementation Affects Intestinal Function by Enhancing Antioxidant Capacity of a Nitric Oxide-Independent Pathway in Low-Birth-Weight Piglets. <i>Journal of Nutrition</i> , 2018, 148, 1751-1759.	2.9	22
70	Excess of dietary benzoic acid supplementation leads to growth retardation, hematological abnormality and organ injury of piglets. <i>Livestock Science</i> , 2016, 190, 94-103.	1.6	21
71	Manno-oligosaccharide attenuates inflammation and intestinal epithelium injury in weaned pigs upon enterotoxigenic <i>Escherichia coli</i> K88 challenge. <i>British Journal of Nutrition</i> , 2021, 126, 993-1002.	2.3	21
72	The impact of dietary supplementation of different feed additives on performances of broiler breeders characterized by different egg-laying rate. <i>Poultry Science</i> , 2019, 98, 6091-6099.	3.4	20

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73	Lean and obese pig breeds exhibit differences in prenatal gene expression profiles of muscle development. <i>Animal</i> , 2015, 9, 28-34.	3.3	19
74	Valine Supplementation in a Reduced Protein Diet Regulates Growth Performance Partially through Modulation of Plasma Amino Acids Profile, Metabolic Responses, Endocrine, and Neural Factors in Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3161-3168.	5.2	19
75	Expression of a Tandemly Arrayed Plectasin Gene from <i>Pseudoplectanina nigrella</i> in <i>Pichia pastoris</i> and its Antimicrobial Activity. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 461-468.	2.1	19
76	Dietary l-arginine supplementation enhances porcine β -defensins gene expression in some tissues of weaned pigs. <i>Livestock Science</i> , 2012, 148, 103-108.	1.6	18
77	Effects of dietary digestible energy concentration on growth, meat quality, and PPAR β gene expression in muscle and adipose tissues of Rongchang piglets. <i>Meat Science</i> , 2012, 90, 66-70.	5.5	18
78	Leucine Protects Against Skeletal Muscle Atrophy in Lipopolysaccharide-Challenged Rats. <i>Journal of Medicinal Food</i> , 2017, 20, 93-101.	1.5	18
79	Modulation of intestine development by fecal microbiota transplantation in suckling pigs. <i>RSC Advances</i> , 2018, 8, 8709-8720.	3.6	18
80	Involvement of PKA signalling in anti-inflammatory effects of chitosan oligosaccharides in IPEC-2 porcine epithelial cells. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 252-259.	2.2	18
81	Alterations in intestinal microbiota by alginate oligosaccharide improve intestinal barrier integrity in weaned pigs. <i>Journal of Functional Foods</i> , 2020, 71, 104040.	3.4	18
82	Infusion of short chain fatty acids in the ileum improves the carcass traits, meat quality and lipid metabolism of growing pigs. <i>Animal Nutrition</i> , 2021, 7, 94-100.	5.1	18
83	Purified β -glucans of Different Molecular Weights Enhance Growth Performance of LPS-challenged Piglets via Improved Gut Barrier Function and Microbiota. <i>Animals</i> , 2019, 9, 602.	2.3	17
84	The fungal community and its interaction with the concentration of short-chain fatty acids in the faeces of Chenghua, Yorkshire and Tibetan pigs. <i>Microbial Biotechnology</i> , 2020, 13, 509-521.	4.2	17
85	MicroRNA-27a promotes porcine myoblast proliferation by downregulating myostatin expression. <i>Animal</i> , 2014, 8, 1867-1872.	3.3	16
86	Bombyx mori gloverin A2 alleviates enterotoxigenic Escherichia coli-induced inflammation and intestinal mucosa disruption. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 189.	4.1	16
87	Effects of dietary 25-hydroxyvitamin D ₃ supplementation on growth performance, immune function and antioxidative capacity in weaned piglets. <i>Archives of Animal Nutrition</i> , 2019, 73, 44-51.	1.8	16
88	Trace Mineral Overload Induced Hepatic Oxidative Damage and Apoptosis in Pigs with Long-Term High-Level Dietary Mineral Exposure. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1841-1849.	5.2	15
89	Quantitative proteomic analysis reveals the role of tea polyphenol EGCG in egg whites in response to vanadium stress. <i>Nutrition</i> , 2017, 39-40, 20-29.	2.4	15
90	Dietary 25-Hydroxyvitamin D ₃ Supplementation Alleviates Porcine Epidemic Diarrhea Virus Infection by Improving Intestinal Structure and Immune Response in Weaned Pigs. <i>Animals</i> , 2019, 9, 627.	2.3	15

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91	Fructooligosaccharides improve growth performance and intestinal epithelium function in weaned pigs exposed to enterotoxigenic <i>Escherichia coli</i> . <i>Food and Function</i> , 2020, 11, 9599-9612.	4.6	15
92	Effects of dietary <i>Bacillus coagulans</i> and yeast hydrolysate supplementation on growth performance, immune response and intestinal barrier function in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 898-907.	2.2	15
93	Specific roles of threonine in intestinal mucosal integrity and barrier function. <i>Frontiers in Bioscience - Elite</i> , 2009, E3, 1192.	1.8	15
94	Isoleucine Administration Alleviates DSS-Induced Colitis by Regulating TLR4/MyD88/NF- κ B Pathway in Rats. <i>Frontiers in Immunology</i> , 2021, 12, 817583.	4.8	14
95	Effect of sialyllactose on growth performance and intestinal epithelium functions in weaned pigs challenged by enterotoxigenic <i>Escherichia Coli</i> . <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 30.	5.3	14
96	Leucine increases mucin 2 and occludin production in LS174T cells partially via PI3K-Akt-mTOR pathway. <i>Animal Nutrition</i> , 2016, 2, 218-224.	5.1	13
97	The Nutritional Significance of Intestinal Fungi: Alteration of Dietary Carbohydrate Composition Triggers Colonic Fungal Community Shifts in a Pig Model. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	13
98	Manipulation of Intestinal Antiviral Innate Immunity and Immune Evasion Strategies of Porcine Epidemic Diarrhea Virus. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	12
99	Effects of Dietary Starch Structure on Growth Performance, Serum Glucose-Insulin Response, and Intestinal Health in Weaned Piglets. <i>Animals</i> , 2020, 10, 543.	2.3	12
100	Effect of β -Glucan Supplementation on Growth Performance and Intestinal Epithelium Functions in Weaned Pigs Challenged by Enterotoxigenic <i>Escherichia coli</i> . <i>Antibiotics</i> , 2022, 11, 519.	3.7	12
101	Effects of Dietary Aged Maize with Oxidized Fish Oil on Growth Performance, Antioxidant Capacity and Intestinal Health in Weaned Piglets. <i>Animals</i> , 2019, 9, 624.	2.3	11
102	Tea bioactive components prevent carcinogenesis via anti-pathogen, anti-inflammation, and cell survival pathways. <i>IUBMB Life</i> , 2021, 73, 328-340.	3.4	11
103	Effect of Dietary Inulin Supplementation on Growth Performance, Carcass Traits, and Meat Quality in Growing-Finishing Pigs. <i>Animals</i> , 2019, 9, 840.	2.3	10
104	Effects of dietary amylose and amylopectin ratio on growth performance, meat quality, postmortem glycolysis and muscle fibre type transformation of finishing pigs. <i>Archives of Animal Nutrition</i> , 2019, 73, 194-207.	1.8	10
105	Lentian administration alleviates diarrhea of rotavirus-infected weaned pigs via regulating intestinal immunity. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 43.	5.3	10
106	Chitosan oligosaccharide attenuates endoplasmic reticulum stress-associated intestinal apoptosis via the Akt/mTOR pathway. <i>Food and Function</i> , 2021, 12, 8647-8658.	4.6	10
107	All-Trans Retinoic Acid Attenuates Transmissible Gastroenteritis Virus-Induced Apoptosis in IPEC-J2 Cells via Inhibiting ROS-Mediated P38MAPK Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 345.	5.1	10
108	Dietary resveratrol improved production performance, egg quality, and intestinal health of laying hens under oxidative stress. <i>Poultry Science</i> , 2022, 101, 101886.	3.4	10

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109	Expression, Purification and Characterization of a Novel Antimicrobial Peptide: Gloverin A2 from <i>Bombyx mori</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 827-833.	1.9	9
110	Beet Pulp: An Alternative to Improve the Gut Health of Growing Pigs. <i>Animals</i> , 2020, 10, 1860.	2.3	9
111	Effects of Cold Exposure on Performance and Skeletal Muscle Fiber in Weaned Piglets. <i>Animals</i> , 2021, 11, 2148.	2.3	9
112	Functional Characterization of Porcine NK-Lysin: A Novel Immunomodulator That Regulates Intestinal Inflammatory Response. <i>Molecules</i> , 2021, 26, 4242.	3.8	9
113	The Optimal Combination of Dietary Starch, Non-Starch Polysaccharides, and Mannan-Oligosaccharide Increases the Growth Performance and Improves Butyrate-Producing Bacteria of Weaned Pigs. <i>Animals</i> , 2020, 10, 1745.	2.3	9
114	<i>Yucca schidigera</i> extract decreases nitrogen emission via improving nutrient utilisation and gut barrier function in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 1036-1045.	2.2	9
115	The effect of dietary amylose/amylopectin ratio on serum and hepatic lipid content and its molecular mechanisms in growing-finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1657-1665.	2.2	8
116	Improvement of growth performance and parameters of intestinal function in liquid fed early weanling pigs. <i>Journal of Animal Science</i> , 2019, 97, 2725-2738.	0.5	8
117	Dietary pectic oligosaccharide supplementation improves rat reproductive performance via regulating intestinal volatile fatty acids during middle gestation. <i>Animal Nutrition</i> , 2020, 6, 210-216.	5.1	8
118	Influences of dietary starch structure on intestinal morphology, barrier functions, and epithelium apoptosis in weaned pigs. <i>Food and Function</i> , 2020, 11, 4446-4455.	4.6	7
119	Amelioration of enterotoxigenic <i>Escherichia coli</i> -induced disruption of intestinal epithelium by manno-oligosaccharide in weaned pigs. <i>Journal of Functional Foods</i> , 2021, 82, 104492.	3.4	7
120	L-Leucine Promotes STAT1 and ISGs Expression in TGEV-Infected IPEC-J2 Cells via mTOR Activation. <i>Frontiers in Immunology</i> , 2021, 12, 656573.	4.8	7
121	The differences between copper sulfate and tribasic copper chloride on growth performance, redox status, deposition in tissues of pigs, and excretion in feces. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 873-880.	2.4	6
122	Fermented Diet Liquid Feeding Improves Growth Performance and Intestinal Function of Pigs. <i>Animals</i> , 2021, 11, 1452.	2.3	6
123	Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2022, 9, 806253.	2.2	6
124	Mitochondrial biogenesis is decreased in skeletal muscle of pig fetuses exposed to maternal high-energy diets. <i>Animal</i> , 2017, 11, 54-60.	3.3	5
125	The anti-inflammatory effects of low- and high-molecular-weight beta-glucans from <i>Agrobacterium</i> sp. ZX09 in LPS-induced weaned piglets. <i>Food and Function</i> , 2020, 11, 585-595.	4.6	5
126	Low-molecular-weight chitosan relieves enterotoxigenic <i>Escherichia coli</i> -induced growth retardation in weaned pigs. <i>International Immunopharmacology</i> , 2020, 78, 105798.	3.8	5

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127	The effect of dietary pectic oligosaccharide supplementation on intestinal health of broiler breeders with different egg-laying rates. <i>Poultry Science</i> , 2021, 100, 100938.	3.4	5
128	1,25-Dihydroxyvitamin D3 inhibits porcine epidemic diarrhea virus replication by regulating cell cycle resumption in IPEC-J2 porcine epithelial cells. <i>Microbial Pathogenesis</i> , 2021, 158, 105017.	2.9	5
129	Leucine modulates the IPEC-J2 cell proteome associated with cell proliferation, metabolism and phagocytosis. <i>Animal Nutrition</i> , 2018, 4, 316-321.	5.1	4
130	Effects of dietary fibres on gut microbial metabolites and liver lipid metabolism in growing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1484-1493.	2.2	4
131	Dietary Arginine Supplementation Improves Intestinal Mitochondrial Functions in Low-Birth-Weight Piglets but Not in Normal-Birth-Weight Piglets. <i>Antioxidants</i> , 2021, 10, 1995.	5.1	4
132	Dietary apple pectic oligosaccharide improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. <i>Poultry Science</i> , 2021, 100, 100976.	3.4	3
133	Protective effect of Bombyx mori gloverin on intestinal epithelial cells exposure to enterotoxigenic E. coli. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1235-1245.	2.0	3
134	Low Birth Weight Disturbs the Intestinal Redox Status and Mitochondrial Morphology and Functions in Newborn Piglets. <i>Animals</i> , 2021, 11, 2561.	2.3	3
135	Effects of Early Transplantation of the Faecal Microbiota from Tibetan Pigs on the Gut Development of DSS-Challenged Piglets. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	3
136	Alteration of Porcine Intestinal Microbiota in Response to Dietary Manno-Oligosaccharide Supplementation. <i>Frontiers in Microbiology</i> , 2021, 12, 811272.	3.5	3
137	Fermented Alfalfa Meal Instead of Grain-Type Feedstuffs in the Diet Improves Intestinal Health Related Indexes in Weaned Pigs. <i>Frontiers in Microbiology</i> , 2021, 12, 797875.	3.5	3
138	Effects of High Ambient Temperature on Small Intestinal Morphology and Colonic Microbiota in Weaned Piglets. <i>Animals</i> , 2022, 12, 1743.	2.3	3
139	Effects of dietary plant essential oil supplementation on growth performance, nutrient digestibility and meat quality in finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 1246-1257.	2.2	2