

Xiangbin Mao

List of Publications by Year in descending order

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139
papers

3,996
citations

134610

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140
all docs

140
docs citations

140
times ranked

4163
citing authors

#	ARTICLE	IF	CITATIONS
1	<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.	1.0	9
2	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.	2.2	10
3	Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2022, 9, 806253.	0.9	6
4	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.	2.1	14
5	Dietary resveratrol improved production performance, egg quality, and intestinal health of laying hens under oxidative stress. <i>Poultry Science</i> , 2022, 101, 101886.	1.5	10
6	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.	1.0	2
7	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.	1.5	12
8	Effects of High Ambient Temperature on Small Intestinal Morphology and Colonic Microbiota in Weaned Piglets. <i>Animals</i> , 2022, 12, 1743.	1.0	3
9	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.	1.2	21
10	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.	1.5	26
11	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.	2.1	18
12	Tea bioactive components prevent carcinogenesis via anti-pathogen, anti-inflammation, and cell survival pathways. <i>IUBMB Life</i> , 2021, 73, 328-340.	1.5	11
13	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.	1.5	5
14	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.	1.0	15
15	Lentian administration alleviates diarrhea of rotavirus-infected weaned pigs via regulating intestinal immunity. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 43.	2.1	10
16	Dietary apple pectic oligosaccharide improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. <i>Poultry Science</i> , 2021, 100, 100976.	1.5	3
17	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, .	1.4	13
18	Fermented Diet Liquid Feeding Improves Growth Performance and Intestinal Function of Pigs. <i>Animals</i> , 2021, 11, 1452.	1.0	6

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19	Protective effect of Bombyx mori gloverin on intestinal epithelial cells exposure to enterotoxigenic E. coli. Brazilian Journal of Microbiology, 2021, 52, 1235-1245.	0.8	3
20	Amelioration of enterotoxigenic Escherichia coli-induced disruption of intestinal epithelium by manno-oligosaccharide in weaned pigs. Journal of Functional Foods, 2021, 82, 104492.	1.6	7
21	Effects of Cold Exposure on Performance and Skeletal Muscle Fiber in Weaned Piglets. Animals, 2021, 11, 2148.	1.0	9
22	Functional Characterization of Porcine NK-Lysin: A Novel Immunomodulator That Regulates Intestinal Inflammatory Response. Molecules, 2021, 26, 4242.	1.7	9
23	L-Leucine Promotes STAT1 and ISGs Expression in TGEV-Infected IPEC-J2 Cells via mTOR Activation. Frontiers in Immunology, 2021, 12, 656573.	2.2	7
24	Low Birth Weight Disturbs the Intestinal Redox Status and Mitochondrial Morphology and Functions in Newborn Piglets. Animals, 2021, 11, 2561.	1.0	3
25	1,25-Dihydroxyvitamin D3 inhibits porcine epidemic diarrhea virus replication by regulating cell cycle resumption in IPEC-J2 porcine epithelial cells. Microbial Pathogenesis, 2021, 158, 105017.	1.3	5
26	The Effect of Oxidative Stress on the Chicken Ovary: Involvement of Microbiota and Melatonin Interventions. Antioxidants, 2021, 10, 1422.	2.2	28
27	Chitosan oligosaccharide attenuates endoplasmic reticulum stress-associated intestinal apoptosis via the Akt/mTOR pathway. Food and Function, 2021, 12, 8647-8658.	2.1	10
28	Effects of Chronic Exposure to Low Levels of Dietary Aflatoxin B1 on Growth Performance, Apparent Total Tract Digestibility and Intestinal Health in Pigs. Animals, 2021, 11, 336.	1.0	24
29	Effects of Early Transplantation of the Faecal Microbiota from Tibetan Pigs on the Gut Development of DSS-Challenged Piglets. BioMed Research International, 2021, 2021, 1-11.	0.9	3
30	l-Isoleucine Administration Alleviates DSS-Induced Colitis by Regulating TLR4/MyD88/NF- κ B Pathway in Rats. Frontiers in Immunology, 2021, 12, 817583.	2.2	14
31	Alteration of Porcine Intestinal Microbiota in Response to Dietary Manno-Oligosaccharide Supplementation. Frontiers in Microbiology, 2021, 12, 811272.	1.5	3
32	Fermented Alfalfa Meal Instead of Grain-Type Feedstuffs in the Diet Improves Intestinal Health Related Indexes in Weaned Pigs. Frontiers in Microbiology, 2021, 12, 797875.	1.5	3
33	Dietary Arginine Supplementation Improves Intestinal Mitochondrial Functions in Low-Birth-Weight Piglets but Not in Normal-Birth-Weight Piglets. Antioxidants, 2021, 10, 1995.	2.2	4
34	The fungal community and its interaction with the concentration of short-chain fatty acids in the faeces of Chenghua, Yorkshire and Tibetan pigs. Microbial Biotechnology, 2020, 13, 509-521.	2.0	17
35	Effects of soluble and insoluble dietary fiber supplementation on growth performance, nutrient digestibility, intestinal microbe and barrier function in weaning piglet. Animal Feed Science and Technology, 2020, 260, 114335.	1.1	44
36	The anti-inflammatory effects of low- and high-molecular-weight beta-glucans from Agrobacterium sp. ZX09 in LPS-induced weaned piglets. Food and Function, 2020, 11, 585-595.	2.1	5

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37	Low-molecular-weight chitosan relieves enterotoxigenic <i>Escherichia coli</i> -induced growth retardation in weaned pigs. <i>International Immunopharmacology</i> , 2020, 78, 105798.	1.7	5
38	Beet Pulp: An Alternative to Improve the Gut Health of Growing Pigs. <i>Animals</i> , 2020, 10, 1860.	1.0	9
39	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.	1.0	4
40	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.	2.1	15
41	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.	2.1	7
42	Alterations in intestinal microbiota by alginate oligosaccharide improve intestinal barrier integrity in weaned pigs. <i>Journal of Functional Foods</i> , 2020, 71, 104040.	1.6	18
43	Effects of Dietary Starch Structure on Growth Performance, Serum Glucose-Insulin Response, and Intestinal Health in Weaned Piglets. <i>Animals</i> , 2020, 10, 543.	1.0	12
44	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.	2.1	8
45	Short chain fatty acids could prevent fat deposition in pigs <i>via</i> regulating related hormones and genes. <i>Food and Function</i> , 2020, 11, 1845-1855.	2.1	40
46	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.	2.1	37
47	Capsulized faecal microbiota transplantation ameliorates post-weaning diarrhoea by modulating the gut microbiota in piglets. <i>Veterinary Research</i> , 2020, 51, 55.	1.1	27
48	Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	31
49	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.	1.0	9
50	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.	0.9	9
51	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.	1.8	31
52	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.	2.1	33
53	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.	0.2	27
54	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.	2.2	27

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55	Tea and Its Components Prevent Cancer: A Review of the Redox-Related Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5249.	1.8	25
56	Effect of Dietary Inulin Supplementation on Growth Performance, Carcass Traits, and Meat Quality in Growing-Finishing Pigs. <i>Animals</i> , 2019, 9, 840.	1.0	10
57	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.	1.0	17
58	Dietary 25-Hydroxyvitamin D3 Supplementation Alleviates Porcine Epidemic Diarrhea Virus Infection by Improving Intestinal Structure and Immune Response in Weaned Pigs. <i>Animals</i> , 2019, 9, 627.	1.0	15
59	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.	1.0	11
60	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.	1.5	20
61	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.	0.2	47
62	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.	0.9	69
63	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.	0.2	8
64	Lentian administration relieves gut barrier dysfunction induced by rotavirus in a weaned piglet model. <i>Food and Function</i> , 2019, 10, 2094-2101.	2.1	30
65	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.	0.9	10
66	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.	1.2	34
67	Benzoic Acid Used as Food and Feed Additives Can Regulate Gut Functions. <i>BioMed Research International</i> , 2019, 2019, 1-6.	0.9	48
68	Gastric infusion of short-chain fatty acids can improve intestinal barrier function in weaned piglets. <i>Genes and Nutrition</i> , 2019, 14, 4.	1.2	74
69	Manipulation of Intestinal Antiviral Innate Immunity and Immune Evasion Strategies of Porcine Epidemic Diarrhea Virus. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	12
70	<i>Bombyx mori</i> gloverin A2 alleviates enterotoxigenic <i>Escherichia coli</i> -induced inflammation and intestinal mucosa disruption. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 189.	1.5	16
71	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.	0.9	16
72	Isoleucine Plays an Important Role for Maintaining Immune Function. <i>Current Protein and Peptide Science</i> , 2019, 20, 644-651.	0.7	49

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73	Modulation of intestine development by fecal microbiota transplantation in suckling pigs. RSC Advances, 2018, 8, 8709-8720.	1.7	18
74	Leucine modulates the IPEC-J2 cell proteome associated with cell proliferation, metabolism and phagocytosis. Animal Nutrition, 2018, 4, 316-321.	2.1	4
75	Effect of different dietary non-starch fiber fractions on growth performance, nutrient digestibility, and intestinal development in weaned pigs. Nutrition, 2018, 51-52, 20-28.	1.1	29
76	Alginate oligosaccharide enhances intestinal integrity of weaned pigs through altering intestinal inflammatory responses and antioxidant status. RSC Advances, 2018, 8, 13482-13492.	1.7	46
77	Dietary chlorogenic acid improves growth performance of weaned pigs through maintaining antioxidant capacity and intestinal digestion and absorption function. Journal of Animal Science, 2018, 96, 1108-1118.	0.2	91
78	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. Journal of Agricultural and Food Chemistry, 2018, 66, 3161-3168.	2.4	19
79	Involvement of PKA signalling in anti-inflammatory effects of chitosan oligosaccharides in IPEC-J2 porcine epithelial cells. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 252-259.	1.0	18
80	Alginate oligosaccharide alleviates enterotoxigenic <i>Escherichia coli</i> -induced intestinal mucosal disruption in weaned pigs. Food and Function, 2018, 9, 6401-6413.	2.1	26
81	'Dietary Arginine Supplementation Affects Intestinal Function by Enhancing Antioxidant Capacity of a Nitric Oxide-Independent Pathway in Low-Birth-Weight Piglets. Journal of Nutrition, 2018, 148, 1751-1759.	1.3	22
82	The differences between copper sulfate and tribasic copper chloride on growth performance, redox status, deposition in tissues of pigs, and excretion in feces. Asian-Australasian Journal of Animal Sciences, 2018, 31, 873-880.	2.4	6
83	Alginate oligosaccharide-induced intestinal morphology, barrier function and epithelium apoptosis modifications have beneficial effects on the growth performance of weaned pigs. Journal of Animal Science and Biotechnology, 2018, 9, 58.	2.1	47
84	Maternal N-Carbamylglutamate Supply during Early Pregnancy Enhanced Pregnancy Outcomes in Sows through Modulations of Targeted Genes and Metabolism Pathways. Journal of Agricultural and Food Chemistry, 2018, 66, 5845-5852.	2.4	23
85	Oral administration of short chain fatty acids could attenuate fat deposition of pigs. PLoS ONE, 2018, 13, e0196867.	1.1	37
86	Isoleucine Administration Alleviates Rotavirus Infection and Immune Response in the Weaned Piglet Model. Frontiers in Immunology, 2018, 9, 1654.	2.2	35
87	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. BioMed Research International, 2018, 2018, 1-12.	0.9	29
88	Dietary chlorogenic acid supplementation affects gut morphology, antioxidant capacity and intestinal selected bacterial populations in weaned piglets. Food and Function, 2018, 9, 4968-4978.	2.1	76
89	The effect of dietary amylose/amylopectin ratio on serum and hepatic lipid content and its molecular mechanisms in growing-finishing pigs. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 1657-1665.	1.0	8
90	Chlorogenic acid improves intestinal barrier functions by suppressing mucosa inflammation and improving antioxidant capacity in weaned pigs. Journal of Nutritional Biochemistry, 2018, 59, 84-92.	1.9	116

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91	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.	1.7	78
92	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.	1.1	15
93	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.	2.4	29
94	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.	1.6	23
95	Leucine Protects Against Skeletal Muscle Atrophy in Lipopolysaccharide-Challenged Rats. <i>Journal of Medicinal Food</i> , 2017, 20, 93-101.	0.8	18
96	Mitochondrial biogenesis is decreased in skeletal muscle of pig fetuses exposed to maternal high-energy diets. <i>Animal</i> , 2017, 11, 54-60.	1.3	5
97	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.	1.0	37
98	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.	1.7	24
99	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.	1.2	62
100	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.	1.0	49
101	Oxidative stress-induced diseases and tea polyphenols. <i>Oncotarget</i> , 2017, 8, 81649-81661.	0.8	106
102	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.	0.8	27
103	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.	1.2	48
104	Leucine increases mucin 2 and occludin production in LS174T cells partially via PI3K-Akt-mTOR pathway. <i>Animal Nutrition</i> , 2016, 2, 218-224.	2.1	13
105	Intestinal microbiota could transfer host Gut characteristics from pigs to mice. <i>BMC Microbiology</i> , 2016, 16, 238.	1.3	54
106	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.	1.6	86
107	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.	2.1	50
108	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.	0.6	21

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109	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.	1.1	35
110	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.	2.4	15
111	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.	1.1	74
112	Expression of a Tandemly Arrayed Plectasin Gene from <i>Pseudoplectania nigrella</i> in <i>Pichia pastoris</i> and its Antimicrobial Activity. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 461-468.	0.9	19
113	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.	1.3	34
114	Lean and obese pig breeds exhibit differences in prenatal gene expression profiles of muscle development. <i>Animal</i> , 2015, 9, 28-34.	1.3	19
115	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.	0.2	44
116	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.	1.1	30
117	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
118	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.	2.7	22
119	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.	0.9	30
120	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.	1.2	44
121	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.	2.1	55
122	MicroRNA-27a promotes porcine myoblast proliferation by downregulating myostatin expression. <i>Animal</i> , 2014, 8, 1867-1872.	1.3	16
123	Zn ²⁺ and l-isoleucine induce the expressions of porcine α -defensins in IPEC-J2 cells. <i>Molecular Biology Reports</i> , 2013, 40, 1547-1552.	1.0	35
124	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.	1.1	24
125	Arginine enhances embryo implantation in rats through PI3K/PKB/mTOR/NO signaling pathway during early pregnancy. <i>Reproduction</i> , 2013, 145, 1-7.	1.1	108
126	Dietary fibre affects intestinal mucosal barrier function and regulates intestinal bacteria in weaning piglets. <i>British Journal of Nutrition</i> , 2013, 110, 1837-1848.	1.2	194

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127	Codon Optimization Significantly Improves the Expression Level of a Keratinase Gene in <i>Pichia pastoris</i> . PLoS ONE, 2013, 8, e58393.	1.1	60
128	Protective effects of dietary arginine supplementation against oxidative stress in weaned piglets. British Journal of Nutrition, 2013, 109, 2253-2260.	1.2	61
129	Leptin and leucine synergistically regulate protein metabolism in C2C12 myotubes and mouse skeletal muscles. British Journal of Nutrition, 2013, 110, 256-264.	1.2	25
130	Effects of intrauterine growth retardation and maternal folic acid supplementation on hepatic mitochondrial function and gene expression in piglets. Archives of Animal Nutrition, 2012, 66, 357-371.	0.9	22
131	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. British Journal of Nutrition, 2012, 108, 1069-1076.	1.2	33
132	Responses of growth performance and tryptophan metabolism to oxidative stress induced by diquat in weaned pigs. Animal, 2012, 6, 928-934.	1.3	44
133	Dietary L-arginine supplementation enhances porcine β -defensins gene expression in some tissues of weaned pigs. Livestock Science, 2012, 148, 103-108.	0.6	18
134	Effects of dietary digestible energy concentration on growth, meat quality, and PPAR α gene expression in muscle and adipose tissues of Rongchang piglets. Meat Science, 2012, 90, 66-70.	2.7	18
135	N-Carbamylglutamate Enhances Pregnancy Outcome in Rats through Activation of the PI3K/PKB/mTOR Signaling Pathway. PLoS ONE, 2012, 7, e41192.	1.1	58
136	Specific roles of threonine in intestinal mucosal integrity and barrier function. Frontiers in Bioscience - Elite, 2011, E3, 1192-1200.	0.9	47
137	Leucine promotes leptin receptor expression in mouse C2C12 myotubes through the mTOR pathway. Molecular Biology Reports, 2011, 38, 3201-3206.	1.0	27
138	Optimal Dietary True Ileal Digestible Threonine for Supporting the Mucosal Barrier in Small Intestine of Weanling Pigs. Journal of Nutrition, 2010, 140, 981-986.	1.3	66
139	Specific roles of threonine in intestinal mucosal integrity and barrier function. Frontiers in Bioscience - Elite, 2009, E3, 1192.	0.9	15