

Zhiqing Huang

List of Publications by Year in descending order

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211
papers

4,921
citations

126901

33
h-index

161844

54
g-index

214
all docs

214
docs citations

214
times ranked

4939
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	A TAZâ€“ANGPTL4â€“NOX2 Axis Regulates Ferroptotic Cell Death and Chemoresistance in Epithelial Ovarian Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 79-90.	3.4	188
3	Dietary resveratrol supplementation improves meat quality of finishing pigs through changing muscle fiber characteristics and antioxidative status. <i>Meat Science</i> , 2015, 102, 15-21.	5.5	159
4	Myostatin: A novel insight into its role in metabolism, signal pathways, and expression regulation. <i>Cellular Signalling</i> , 2011, 23, 1441-1446.	3.6	133
5	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
6	Distinct Epigenetic Effects of Tobacco Smoking in Whole Blood and among Leukocyte Subtypes. <i>PLoS ONE</i> , 2016, 11, e0166486.	2.5	113
7	MicroRNA-27a promotes myoblast proliferation by targeting myostatin. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 265-269.	2.1	101
8	Maternal cadmium, iron and zinc levels, DNA methylation and birth weight. <i>BMC Pharmacology & Toxicology</i> , 2015, 16, 20.	2.4	95
9	Fungi in Gastrointestinal Tracts of Human and Mice: from Community to Functions. <i>Microbial Ecology</i> , 2018, 75, 821-829.	2.8	94
10	Solid state fermentation of rapeseed cake with <i>Aspergillus niger</i> for degrading glucosinolates and upgrading nutritional value. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 13.	5.3	81
11	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
12	FoxO1: a novel insight into its molecular mechanisms in the regulation of skeletal muscle differentiation and fiber type specification. <i>Oncotarget</i> , 2017, 8, 10662-10674.	1.8	77
13	Regulation of myostatin signaling by c-Jun N-terminal kinase in C2C12 cells. <i>Cellular Signalling</i> , 2007, 19, 2286-2295.	3.6	76
14	Arginine promotes skeletal muscle fiber type transformation from fast-twitch to slow-twitch via Sirt1/AMPK pathway. <i>Journal of Nutritional Biochemistry</i> , 2018, 61, 155-162.	4.2	65
15	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
16	A pig BodyMap transcriptome reveals diverse tissue physiologies and evolutionary dynamics of transcription. <i>Nature Communications</i> , 2021, 12, 3715.	12.8	60
17	Effects of dietary apple polyphenol supplementation on carcass traits, meat quality, muscle amino acid and fatty acid composition in finishing pigs. <i>Food and Function</i> , 2019, 10, 7426-7434.	4.6	56
18	Resveratrol regulates muscle fiber type conversion via miR-22-3p and AMPK/SIRT1/PGC-1Î± pathway. <i>Journal of Nutritional Biochemistry</i> , 2020, 77, 108297.	4.2	56

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19	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
20	Effects of dietary grape seed proanthocyanidin extract supplementation on meat quality, muscle fiber characteristics and antioxidant capacity of finishing pigs. <i>Food Chemistry</i> , 2022, 367, 130781.	8.2	49
21	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
22	Changes of porcine gut microbiota in response to dietary chlorogenic acid supplementation. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8157-8168.	3.6	47
23	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
24	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
25	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
26	Effects of <i>Bacillus subtilis</i> DSM32315 supplementation and dietary crude protein level on performance, gut barrier function and microbiota profile in weaned piglets. <i>Journal of Animal Science</i> , 2019, 97, 2125-2138.	0.5	44
27	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
28	Tannic acid prevents post-weaning diarrhea by improving intestinal barrier integrity and function in weaned piglets. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 87.	5.3	43
29	Physicochemical Properties Analysis and Secretome of <i>Aspergillus niger</i> in Fermented Rapeseed Meal. <i>PLoS ONE</i> , 2016, 11, e0153230.	2.5	41
30	Soluble Fiber and Insoluble Fiber Regulate Colonic Microbiota and Barrier Function in a Piglet Model. <i>BioMed Research International</i> , 2019, 2019, 1-12.	1.9	40
31	MicroRNA-27a Is Induced by Leucine and Contributes to Leucine-Induced Proliferation Promotion in C2C12 Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14076-14084.	4.1	39
32	Effects of <i>Aspergillus niger</i> fermented rapeseed meal on nutrient digestibility, growth performance and serum parameters in growing pigs. <i>Animal Science Journal</i> , 2016, 87, 557-563.	1.4	38
33	Regulation of skeletal myogenesis by microRNAs. <i>Journal of Cellular Physiology</i> , 2020, 235, 87-104.	4.1	37
34	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
35	Ferulic acid regulates muscle fiber type formation through the Sirt1/AMPK signaling pathway. <i>Food and Function</i> , 2019, 10, 259-265.	4.6	35
36	Comparisons of the micronization, steam explosion, and gamma irradiation treatment on chemical composition, structure, physicochemical properties, and in vitro digestibility of dietary fiber from soybean hulls. <i>Food Chemistry</i> , 2022, 366, 130618.	8.2	34

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37	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
38	MicroRNA-499-5p regulates skeletal myofiber specification via NFATc1/MEF2C pathway and <i>Thrap1</i> /MEF2C axis. <i>Life Sciences</i> , 2018, 215, 236-245.	4.3	32
39	Transmissible gastroenteritis virus targets Paneth cells to inhibit the self-renewal and differentiation of <i>Lgr5</i> intestinal stem cells via Notch signaling. <i>Cell Death and Disease</i> , 2020, 11, 40.	6.3	32
40	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
41	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
42	Quercetin regulates skeletal muscle fiber type switching via adiponectin signaling. <i>Food and Function</i> , 2021, 12, 2693-2702.	4.6	31
43	Anti-fatigue effect of quercetin on enhancing muscle function and antioxidant capacity. <i>Journal of Food Biochemistry</i> , 2021, 45, e13968.	2.9	31
44	Dietary Ferulic Acid Supplementation Improves Antioxidant Capacity and Lipid Metabolism in Weaned Piglets. <i>Nutrients</i> , 2020, 12, 3811.	4.1	30
45	Grape seed proanthocyanidin extract promotes skeletal muscle fiber type transformation via AMPK signaling pathway. <i>Journal of Nutritional Biochemistry</i> , 2020, 84, 108462.	4.2	30
46	H ₂ O ₂ -Driven Anticancer Activity of Mn Porphyrins and the Underlying Molecular Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-23.	4.0	30
47	Arginine Promotes Slow Myosin Heavy Chain Expression via <i>Akirin2</i> and the AMP-Activated Protein Kinase Signaling Pathway in Porcine Skeletal Muscle Satellite Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4734-4740.	5.2	29
48	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
49	Procyanidin B2 Promotes Skeletal Slow-Twitch Myofiber Gene Expression through the AMPK Signaling Pathway in C2C12 Myotubes. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1306-1314.	5.2	29
50	The Composition and Anti-Aging Activities of Polyphenol Extract from <i>Phyllanthus emblica</i> L. Fruit. <i>Nutrients</i> , 2022, 14, 857.	4.1	29
51	Leucine promotes porcine myofibre type transformation from fast-twitch to slow-twitch through the protein kinase B (Akt)/forkhead box 1 signalling pathway and microRNA-27a. <i>British Journal of Nutrition</i> , 2019, 121, 1-8.	2.3	28
52	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
53	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
54	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

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55	Cloning and functional characterization of rat stimulator of interferon genes (STING) regulated by miR-24. <i>Developmental and Comparative Immunology</i> , 2012, 37, 414-420.	2.3	25
56	Effect of different dietary protein levels and amino acids supplementation patterns on growth performance, carcass characteristics and nitrogen excretion in growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 75.	5.3	25
57	Dietary protein levels and amino acid supplementation patterns alter the composition and functions of colonic microbiota in pigs. <i>Animal Nutrition</i> , 2020, 6, 143-151.	5.1	25
58	Dietary lycopene supplementation improves meat quality, antioxidant capacity and skeletal muscle fiber type transformation in finishing pigs. <i>Animal Nutrition</i> , 2022, 8, 256-264.	5.1	25
59	Postnatal high-fat diet enhances ectopic fat deposition in pigs with intrauterine growth retardation. <i>European Journal of Nutrition</i> , 2017, 56, 483-490.	3.9	24
60	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
61	Role of microRNA-27a in myoblast differentiation. <i>Cell Biology International</i> , 2014, 38, 266-271.	3.0	23
62	FTO Promotes Adipogenesis through Inhibition of the Wnt/ β -catenin Signaling Pathway in Porcine Intramuscular Preadipocytes. <i>Animal Biotechnology</i> , 2017, 28, 268-274.	1.5	23
63	Effects of dietary leucine on antioxidant activity and expression of antioxidant and mitochondrial-related genes in longissimus dorsi muscle and liver of piglets. <i>Animal Science Journal</i> , 2019, 90, 990-998.	1.4	23
64	β -Defensin 129 Attenuates Bacterial Endotoxin-Induced Inflammation and Intestinal Epithelial Cell Apoptosis. <i>Frontiers in Immunology</i> , 2019, 10, 2333.	4.8	23
65	Leucine regulates slow-twitch muscle fibers expression and mitochondrial function by Sirt1/AMPK signaling in porcine skeletal muscle satellite cells. <i>Animal Science Journal</i> , 2019, 90, 255-263.	1.4	23
66	Effects of dietary resveratrol supplementation on immunity, antioxidative capacity and intestinal barrier function in weaning piglets. <i>Animal Biotechnology</i> , 2021, 32, 240-245.	1.5	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	Akirin2 regulates proliferation and differentiation of porcine skeletal muscle satellite cells via ERK1/2 and NFATc1 signaling pathways. <i>Scientific Reports</i> , 2017, 7, 45156.	3.3	22
70	Wheat bran components modulate intestinal bacteria and gene expression of barrier function relevant proteins in a piglet model. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 65-72.	2.8	22
71	'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
72	Role of Akirin in Skeletal Myogenesis. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3817-3823.	4.1	21

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73	Dietary pea fiber increases diversity of colonic methanogens of pigs with a shift from <i>Methanobrevibacter</i> to <i>Methanomassiliicoccus</i> -like genus and change in numbers of three hydrogenotrophs. <i>BMC Microbiology</i> , 2017, 17, 17.	3.3	21
74	Global Long Noncoding RNA and mRNA Expression Changes between Prenatal and Neonatal Lung Tissue in Pigs. <i>Genes</i> , 2018, 9, 443.	2.4	21
75	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
76	Lower abundance of <i>Bacteroides</i> and metabolic dysfunction are highly associated with the post-weaning diarrhea in piglets. <i>Science China Life Sciences</i> , 2022, 65, 2062-2075.	4.9	21
77	MicroRNA-139-5p suppresses myosin heavy chain I and IIa expression via inhibition of the calcineurin/NFAT signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 930-936.	2.1	20
78	Dietary dihydromyricetin supplementation enhances antioxidant capacity and improves lipid metabolism in finishing pigs. <i>Food and Function</i> , 2021, 12, 6925-6935.	4.6	20
79	<i>Prevotella</i> -rich enterotype may benefit gut health in finishing pigs fed diet with a high amylose-to-amylopectin ratio. <i>Animal Nutrition</i> , 2021, 7, 400-411.	5.1	20
80	Effects of essential oil on growth performance, digestibility, immunity, and intestinal health in broilers. <i>Poultry Science</i> , 2021, 100, 101242.	3.4	20
81	Tannic acid extracted from gallnut prevents post-weaning diarrhea and improves intestinal health of weaned piglets. <i>Animal Nutrition</i> , 2021, 7, 1078-1086.	5.1	20
82	MicroRNA expression profiles differ between primary myofiber of lean and obese pig breeds. <i>PLoS ONE</i> , 2017, 12, e0181897.	2.5	20
83	Effect of maternal folic acid supplementation on hepatic proteome in newborn piglets. <i>Nutrition</i> , 2013, 29, 230-234.	2.4	19
84	Birth weight alters the response to postnatal high-fat diet-induced changes in meat quality traits and skeletal muscle proteome of pigs. <i>British Journal of Nutrition</i> , 2014, 111, 1738-1747.	2.3	19
85	Moderately decreased maternal dietary energy intake during pregnancy reduces fetal skeletal muscle mitochondrial biogenesis in the pigs. <i>Genes and Nutrition</i> , 2016, 11, 19.	2.5	19
86	Effects of Dietary Daidzein Supplementation on Reproductive Performance, Serum Hormones, and Reproductive-Related Genes in Rats. <i>Nutrients</i> , 2018, 10, 766.	4.1	19
87	Dietary apple polyphenols supplementation enhances antioxidant capacity and improves lipid metabolism in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1512-1520.	2.2	19
88	Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	19
89	Effects of different levels of dietary hydroxy-analogue of selenomethionine on growth performance, selenium deposition and antioxidant status of weaned piglets. <i>Archives of Animal Nutrition</i> , 2019, 73, 374-383.	1.8	18
90	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

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91	Inhibition of adipogenic differentiation by myostatin is alleviated by arginine supplementation in porcine-muscle-derived mesenchymal stem cells. <i>Science China Life Sciences</i> , 2011, 54, 908-916.	4.9	17
92	Molecular Cloning, Tissue Distribution, and Functional Analysis of Porcine Akirin2. <i>Animal Biotechnology</i> , 2012, 23, 124-131.	1.5	17
93	Tissue Distribution of Porcine FTO and Its Effect on Porcine Intramuscular Preadipocytes Proliferation and Differentiation. <i>PLoS ONE</i> , 2016, 11, e0151056.	2.5	17
94	Arabinoxylan activates lipid catabolism and alleviates liver damage in rats induced by high-fat diet. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 253-260.	3.5	17
95	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
96	Xyloglucan affects gut-liver circulating bile acid metabolism to improve liver damage in mice fed with high-fat diet. <i>Journal of Functional Foods</i> , 2020, 64, 103651.	3.4	17
97	Effects of dietary inulin supplementation on growth performance, intestinal barrier integrity and microbial populations in weaned pigs. <i>British Journal of Nutrition</i> , 2020, 124, 296-305.	2.3	17
98	Effects of dietary resveratrol supplementation on growth performance and muscle fiber type transformation in weaned piglets. <i>Animal Feed Science and Technology</i> , 2020, 265, 114499.	2.2	17
99	Expression and purification of porcine Akirin2 in <i>Escherichia coli</i> . <i>Turkish Journal of Biology</i> , 2014, 38, 339-345.	0.8	16
100	<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.	4.1	16
101	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
102	Arginine promotes porcine type I muscle fibres formation through improvement of mitochondrial biogenesis. <i>British Journal of Nutrition</i> , 2020, 123, 499-507.	2.3	16
103	Effects of dietary ferulic acid supplementation on growth performance and skeletal muscle fiber type conversion in weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5116-5123.	3.5	16
104	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
105	Moderately increased maternal dietary energy intake delays foetal skeletal muscle differentiation and maturity in pigs. <i>European Journal of Nutrition</i> , 2016, 55, 1777-1787.	3.9	15
106	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
107	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
108	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

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109	Lycopene increases the proportion of slow-twitch muscle fiber by AMPK signaling to improve muscle anti-fatigue ability. <i>Journal of Nutritional Biochemistry</i> , 2021, 94, 108750.	4.2	15
110	Naringin induces skeletal muscle fiber type transformation via AMPK/PGC-1 β signaling pathway in mice and C2C12 myotubes. <i>Nutrition Research</i> , 2021, 92, 99-108.	2.9	15
111	Apple Polyphenols Improve Intestinal Antioxidant Capacity and Barrier Function by Activating the Nrf2/Keap1 Signaling Pathway in a Pig Model. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7576-7585.	5.2	15
112	STEAP4 and insulin resistance. <i>Endocrine</i> , 2014, 47, 372-379.	2.3	14
113	Potential Risk of Isoflavones: Toxicological Study of Daidzein Supplementation in Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4228-4235.	5.2	14
114	Leucine promotes differentiation of porcine myoblasts through the protein kinase B (Akt)/Forkhead box O1 signalling pathway. <i>British Journal of Nutrition</i> , 2018, 119, 727-733.	2.3	14
115	Differential expression, molecular cloning, and characterization of porcine beta defensin 114. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 60.	5.3	14
116	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
117	Interactive effects of molecular weight and degree of substitution on biological activities of arabinoxylan and its hydrolysates from triticale bran. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1409-1418.	7.5	13
118	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
119	Effect of dietary L-theanine supplementation on skeletal muscle fiber type transformation in vivo. <i>Journal of Nutritional Biochemistry</i> , 2022, 99, 108859.	4.2	13
120	Expression and purification of porcine PID1 gene in <i>Escherichia coli</i> . <i>Turkish Journal of Biology</i> , 2014, 38, 523-527.	0.8	12
121	Cadmium exposure and MEG3 methylation differences between Whites and African Americans in the NEST Cohort. <i>Environmental Epigenetics</i> , 2019, 5, dvz014.	1.8	12
122	Effects of Dietary Apple Polyphenols Supplementation on Hepatic Fat Deposition and Antioxidant Capacity in Finishing Pigs. <i>Animals</i> , 2019, 9, 937.	2.3	12
123	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
124	Human β -Defensin 118 Attenuates <i>Escherichia coli</i> K88 α -Induced Inflammation and Intestinal Injury in Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 586-597.	3.9	12
125	All-Trans Retinoic Acid Attenuates Transmissible Gastroenteritis Virus-Induced Inflammation in IPEC-J2 Cells via Suppressing the RLRs/NF κ B Signaling Pathway. <i>Frontiers in Immunology</i> , 2022, 13, 734171.	4.8	12
126	Dihydromyricetin Enhances Intestinal Antioxidant Capacity of Growing-Finishing Pigs by Activating ERK/Nrf2/HO-1 Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 704.	5.1	12

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127	Effect of β -Glucan Supplementation on Growth Performance and Intestinal Epithelium Functions in Weaned Pigs Challenged by Enterotoxigenic Escherichia coli. <i>Antibiotics</i> , 2022, 11, 519.	3.7	12
128	Effects of fatty acid transport protein 1 on proliferation and differentiation of porcine intramuscular preadipocytes. <i>Animal Science Journal</i> , 2017, 88, 731-738.	1.4	11
129	Dietary Daidzein Supplementation During Pregnancy Facilitates Fetal Growth in Rats. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800921.	3.3	11
130	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
131	miR-22-3p regulates muscle fiber-type conversion through inhibiting AMPK/SIRT1/PGC-1 β pathway. <i>Animal Biotechnology</i> , 2021, 32, 254-261.	1.5	11
132	Effect of Porcine Akirin2 on Skeletal Myosin Heavy Chain Isoform Expression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3996-4006.	4.1	10
133	Effects of Pubertal Exposure to Dietary Soy on Estrogen Receptor Activity in the Breast of Cynomolgus Macaques. <i>Cancer Prevention Research</i> , 2016, 9, 385-395.	1.5	10
134	Moderate Maternal Energy Restriction During Gestation in Pigs Attenuates Fetal Skeletal Muscle Development Through Changing Myogenic Gene Expression and Myofiber Characteristics. <i>Reproductive Sciences</i> , 2017, 24, 156-167.	2.5	10
135	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
136	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
137	Effects of diet chitosan oligosaccharide on performance and immune response of sows and their offspring. <i>Livestock Science</i> , 2020, 239, 104114.	1.6	10
138	Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs. <i>European Journal of Nutrition</i> , 2021, 60, 715-727.	3.9	10
139	Prebiotic inulin as a treatment of obesity related nonalcoholic fatty liver disease through gut microbiota: a critical review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 862-872.	10.3	10
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