Bing Yu

List of Publications by Year in descending order

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277	7,024	70961	123241
papers	citations	41 h-index	61 g-index

285	285	285	7025
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isoflavones: Anti-Inflammatory Benefit and Possible Caveats. Nutrients, 2016, 8, 361.	1.7	196
2	Dietary fibre affects intestinal mucosal barrier function and regulates intestinal bacteria in weaning piglets. British Journal of Nutrition, 2013, 110, 1837-1848.	1.2	194
3	Homocysteine directly interacts and activates the angiotensin II type I receptor to aggravate vascular injury. Nature Communications, 2018, 9, 11.	5.8	184
4	Dietary resveratrol supplementation improves meat quality of finishing pigs through changing muscle fiber characteristics and antioxidative status. Meat Science, 2015, 102, 15-21.	2.7	159
5	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
6	Oxidative stress-induced diseases and tea polyphenols. Oncotarget, 2017, 8, 81649-81661.	0.8	106
7	Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis. Redox Biology, 2021, 46, 102131.	3.9	106
8	Fungi in Gastrointestinal Tracts of Human and Mice: from Community to Functions. Microbial Ecology, 2018, 75, 821-829.	1.4	94
9	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
10	Effects of Oxidative Stress on Growth Performance, Nutrient Digestibilities and Activities of Antioxidative Enzymes of Weanling Pigs. Asian-Australasian Journal of Animal Sciences, 2007, 20, 1600-1605.	2.4	87
11	Gut microbiota can transfer fiber characteristics and lipid metabolic profiles of skeletal muscle from pigs to germ-free mice. Scientific Reports, 2016, 6, 31786.	1.6	86
12	Solid state fermentation of rapeseed cake with Aspergillus niger for degrading glucosinolates and upgrading nutritional value. Journal of Animal Science and Biotechnology, 2015, 6, 13.	2.1	81
13	New insights into the role of chitosan oligosaccharide in enhancing growth performance, antioxidant capacity, immunity and intestinal development of weaned pigs. RSC Advances, 2017, 7, 9669-9679.	1.7	78
14	FoxO1: a novel insight into its molecular mechanisms in the regulation of skeletal muscle differentiation and fiber type specification. Oncotarget, 2017, 8, 10662-10674.	0.8	77
15	Gastric infusion of short-chain fatty acids can improve intestinal barrier function in weaned piglets. Genes and Nutrition, 2019, 14, 4.	1.2	74
16	Dietary Lactobacillus rhamnosus GG Supplementation Improves the Mucosal Barrier Function in the Intestine of Weaned Piglets Challenged by Porcine Rotavirus. PLoS ONE, 2016, 11, e0146312.	1.1	74
17	The Bidirectional Interactions between Resveratrol and Gut Microbiota: An Insight into Oxidative Stress and Inflammatory Bowel Disease Therapy. BioMed Research International, 2019, 2019, 1-9.	0.9	69
18	Effects of dietary supplementation with benzoic acid on intestinal morphological structure and microflora in weaned piglets. Livestock Science, 2014, 167, 249-256.	0.6	66

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19	Arginine metabolism and its protective effects on intestinal health and functions in weaned piglets under oxidative stress induced by diquat. British Journal of Nutrition, 2017, 117, 1495-1502.	1.2	62
20	Protective effects of dietary arginine supplementation against oxidative stress in weaned piglets. British Journal of Nutrition, 2013, 109, 2253-2260.	1.2	61
21	CYLD Deubiquitinates Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 Contributing to Adventitial Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1698-1709.	1.1	59
22	Effects of dietary apple polyphenol supplementation on carcass traits, meat quality, muscle amino acid and fatty acid composition in finishing pigs. Food and Function, 2019, 10, 7426-7434.	2.1	56
23	Resveratrol regulates muscle fiber type conversion via miR-22-3p and AMPK/SIRT1/PGC-1Î± pathway. Journal of Nutritional Biochemistry, 2020, 77, 108297.	1.9	56
24	The effect of dietary tryptophan levels on oxidative stress of liver induced by diquat in weaned piglets. Journal of Animal Science and Biotechnology, 2014, 5, 49.	2.1	55
25	Effects of different starch sources on Bacillus spp. in intestinal tract and expression of intestinal development related genes of weanling piglets. Molecular Biology Reports, 2012, 39, 1869-1876.	1.0	54
26	Intestinal microbiota could transfer host Gut characteristics from pigs to mice. BMC Microbiology, 2016, 16, 238.	1.3	54
27	Effects of Benzoic Acid and Thymol on Growth Performance and Gut Characteristics of Weaned Piglets. Asian-Australasian Journal of Animal Sciences, 2015, 28, 827-839.	2.4	51
28	Simultaneously improved dielectric and mechanical properties of silicone elastomer by designing a dual crosslinking network. Polymer Chemistry, 2019, 10, 633-645.	1.9	51
29	Effects of benzoic acid (VevoVitallÂ®) on the performance and jejunal digestive physiology in young pigs. Journal of Animal Science and Biotechnology, 2016, 7, 32.	2.1	50
30	Effects of resveratrol on lipid metabolism in muscle and adipose tissues: A reevaluation in a pig model. Journal of Functional Foods, 2015, 14, 590-595.	1.6	49
31	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. Journal of Animal Physiology and Animal Nutrition, 2017, 101, 1137-1146.	1.0	49
32	Effects of dietary grape seed proanthocyanidin extract supplementation on meat quality, muscle fiber characteristics and antioxidant capacity of finishing pigs. Food Chemistry, 2022, 367, 130781.	4.2	49
33	Isoleucine Plays an Important Role for Maintaining Immune Function. Current Protein and Peptide Science, 2019, 20, 644-651.	0.7	49
34	Vitamin D 3 supplementation alleviates rotavirus infection in pigs and IPEC-J2 cells via regulating the autophagy signaling pathway. Journal of Steroid Biochemistry and Molecular Biology, 2016, 163, 157-163.	1.2	48
35	Benzoic Acid Used as Food and Feed Additives Can Regulate Gut Functions. BioMed Research International, 2019, 2019, 1-6.	0.9	48
36	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

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37	Changes of porcine gut microbiota in response to dietary chlorogenic acid supplementation. Applied Microbiology and Biotechnology, 2019, 103, 8157-8168.	1.7	47
38	Butyrate promotes slow-twitch myofiber formation and mitochondrial biogenesis in finishing pigs via inducing specific microRNAs and PGC-1Î± expression1. Journal of Animal Science, 2019, 97, 3180-3192.	0.2	47
39	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
40	Effects of alginate oligosaccharide on the growth performance, antioxidant capacity and intestinal digestion-absorption function in weaned pigs. Animal Feed Science and Technology, 2017, 234, 118-127.	1.1	45
41	Dietary vitamin D supplementation attenuates immune responses of pigs challenged with rotavirus potentially through the retinoic acid-inducible gene I signalling pathway. British Journal of Nutrition, 2014, 112, 381-389.	1.2	44
42	Spray-dried chicken plasma improves intestinal digestive function and regulates intestinal selected microflora in weaning piglets1. Journal of Animal Science, 2015, 93, 2967-2976.	0.2	44
43	Chlorogenic Acid Improves Intestinal Development via Suppressing Mucosa Inflammation and Cell Apoptosis in Weaned Pigs. ACS Omega, 2018, 3, 2211-2219.	1.6	44
44	Effects of Bacillus subtilis DSM32315 supplementation and dietary crude protein level on performance, gut barrier function and microbiota profile in weaned piglets1. Journal of Animal Science, 2019, 97, 2125-2138.	0.2	44
45	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
46	A supramolecular silicone dielectric elastomer with a high dielectric constant and fast and highly efficient self-healing under mild conditions. Journal of Materials Chemistry A, 2020, 8, 23330-23343.	5.2	43
47	Tannic acid prevents post-weaning diarrhea by improving intestinal barrier integrity and function in weaned piglets. Journal of Animal Science and Biotechnology, 2020, 11, 87.	2.1	43
48	Physicochemical Properties Analysis and Secretome of Aspergillus niger in Fermented Rapeseed Meal. PLoS ONE, 2016, 11, e0153230.	1.1	41
49	Vitamin D Alleviates Rotavirus Infection through a Microrna-155-5p Mediated Regulation of the TBK1/IRF3 Signaling Pathway In Vivo and In Vitro. International Journal of Molecular Sciences, 2019, 20, 3562.	1.8	40
50	Soluble Fiber and Insoluble Fiber Regulate Colonic Microbiota and Barrier Function in a Piglet Model. BioMed Research International, 2019, 2019, 1-12.	0.9	40
51	Early Gut Microbiota Intervention Suppresses DSS-Induced Inflammatory Responses by Deactivating TLR/NLR Signalling in Pigs. Scientific Reports, 2017, 7, 3224.	1.6	39
52	Effects of Aspergillus niger fermented rapeseed meal on nutrient digestibility, growth performance and serum parameters in growing pigs. Animal Science Journal, 2016, 87, 557-563.	0.6	38
53	Quantitative proteomics and phosphoproteomics of sugar beet monosomic addition line M14 in response to salt stress. Journal of Proteomics, 2016, 143, 286-297.	1.2	37
54	Oral administration of short chain fatty acids could attenuate fat deposition of pigs. PLoS ONE, 2018, 13, e0196867.	1.1	37

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55	Regulation of skeletal myogenesis by microRNAs. Journal of Cellular Physiology, 2020, 235, 87-104.	2.0	37
56	Effects of benzoic acid, Bacillus coagulans and oregano oil combined supplementation on growth performance, immune status and intestinal barrier integrity of weaned piglets. Animal Nutrition, 2020, 6, 152-159.	2.1	37
57	Zn2+ and l-isoleucine induce the expressions of porcine Î²-defensins in IPEC-J2 cells. Molecular Biology Reports, 2013, 40, 1547-1552.	1.0	35
58	Recombinant plectasin elicits similar improvements in the performance and intestinal mucosa growth and activity in weaned pigs as an antibiotic. Animal Feed Science and Technology, 2016, 211, 216-226.	1.1	35
59	l-Isoleucine Administration Alleviates Rotavirus Infection and Immune Response in the Weaned Piglet Model. Frontiers in Immunology, 2018, 9, 1654.	2.2	35
60	Differential expression of lipid metabolism-related genes and myosin heavy chain isoform genes in pig muscle tissue leading to different meat quality. Animal, 2015, 9, 1073-1080.	1.3	34
61	Regulation of intestinal health by branchedâ€chain amino acids. Animal Science Journal, 2018, 89, 3-11.	0.6	34
62	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. Food Chemistry, 2022, 366, 130618.	4.2	34
63	Effect of dietary supplementation of Bacillus coagulans or yeast hydrolysates on growth performance, antioxidant activity, cytokines and intestinal microflora of growing-finishing pigs. Animal Nutrition, 2019, 5, 366-372.	2.1	33
64	Effects of dietary mannan oligosaccharide supplementation on performance and immune response of sows and their offspring. Animal Feed Science and Technology, 2016, 218, 17-25.	1.1	32
65	Adaptation of gut microbiome to different dietary nonstarch polysaccharide fractions in a porcine model. Molecular Nutrition and Food Research, 2017, 61, 1700012.	1.5	32
66	MicroRNA-499-5p regulates skeletal myofiber specification via NFATc1/MEF2C pathway and Thrap1/MEF2C axis. Life Sciences, 2018, 215, 236-245.	2.0	32
67	Transmissible gastroenteritis virus targets Paneth cells to inhibit the self-renewal and differentiation of Lgr5 intestinal stem cells via Notch signaling. Cell Death and Disease, 2020, 11, 40.	2.7	32
68	Amelioration of Enterotoxigenic Escherichia coli-Induced Intestinal Barrier Disruption by Low-Molecular-Weight Chitosan in Weaned Pigs is Related to Suppressed Intestinal Inflammation and Apoptosis. International Journal of Molecular Sciences, 2019, 20, 3485.	1.8	31
69	Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	1.9	31
70	Long-Term Intake of Pea Fiber Affects Colonic Barrier Function, Bacterial and Transcriptional Profile in Pig Model. Nutrition and Cancer, 2014, 66, 388-399.	0.9	30
71	Dietary Leucine Supplementation Improves the Mucin Production in the Jejunal Mucosa of the Weaned Pigs Challenged by Porcine Rotavirus. PLoS ONE, 2015, 10, e0137380.	1.1	30
72	Dietary pea fibre alters the microbial community and fermentation with increase in fibre degradationâ€associated bacterial groups in the colon of pigs. Journal of Animal Physiology and Animal Nutrition, 2018, 102, e254-e261.	1.0	30

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73	Lentinan administration relieves gut barrier dysfunction induced by rotavirus in a weaned piglet model. Food and Function, 2019, 10, 2094-2101.	2.1	30
74	Dietary Ferulic Acid Supplementation Improves Antioxidant Capacity and Lipid Metabolism in Weaned Piglets. Nutrients, 2020, 12, 3811.	1.7	30
75	Grape seed proanthocyanidin extract promotes skeletal muscle fiber type transformation via AMPK signaling pathway. Journal of Nutritional Biochemistry, 2020, 84, 108462.	1.9	30
76	Cartilage oligomeric matrix protein is an endogenous Î²-arrestin-2-selective allosteric modulator of AT1 receptor counteracting vascular injury. Cell Research, 2021, 31, 773-790.	5.7	30
77	Dietary Pectic Oligosaccharide Administration Improves Growth Performance and Immunity in Weaned Pigs Infected by Rotavirus. Journal of Agricultural and Food Chemistry, 2017, 65, 2923-2929.	2.4	29
78	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
79	Cu_{1.5}PMo₁₂O₄₀â€catalyzed condensation cyclization for the synthesis of substituted pyrazoles. Applied Organometallic Chemistry, 2018, 32, e4532.	1.7	29
80	Protective Effects of Benzoic Acid,BacillusCoagulans, and Oregano Oil on Intestinal Injury Caused by EnterotoxigenicEscherichia coliin Weaned Piglets. BioMed Research International, 2018, 2018, 1-12.	0.9	29
81	Procyanidin B2 Promotes Skeletal Slow-Twitch Myofiber Gene Expression through the AMPK Signaling Pathway in C2C12 Myotubes. Journal of Agricultural and Food Chemistry, 2020, 68, 1306-1314.	2.4	29
82	Oneâ€pot synthesis of trifluoromethylated benzimidazolines catalyzed by phosphotungstic acid with a low catalyst loading. Applied Organometallic Chemistry, 2018, 32, e4314.	1.7	28
83	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. British Journal of Nutrition, 2019, 121, 1-8.	1.2	28
84	Rapamycin prevents thoracic aortic aneurysm and dissection in mice. Journal of Vascular Surgery, 2019, 69, 921-932.e3.	0.6	28
85	Cost-effective lignocellulolytic enzyme production by Trichoderma reesei on a cane molasses medium. Biotechnology for Biofuels, 2014, 7, 43.	6.2	27
86	Extracellular DNA traps released by acute promyelocytic leukemia cells through autophagy. Cell Death and Disease, 2016, 7, e2283-e2283.	2.7	27
87	Mannan oligosaccharide supplementation in diets of sow and (or) their offspring improved immunity and regulated intestinal bacteria in piglet1. Journal of Animal Science, 2019, 97, 4548-4556.	0.2	27
88	Capsulized faecal microbiota transplantation ameliorates post-weaning diarrhoea by modulating the gut microbiota in piglets. Veterinary Research, 2020, 51, 55.	1.1	27
89	Dietary apple pectic oligosaccharide improves gut barrier function of rotavirus-challenged weaned pigs by increasing antioxidant capacity of enterocytes. Oncotarget, 2017, 8, 92420-92430.	0.8	27
90	Dietary spray-dried chicken plasma improves intestinal barrier function and modulates immune status in weaning piglets1. Journal of Animal Science, 2016, 94, 173-184.	0.2	26

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91	Dietary chitosan oligosaccharide supplementation improves foetal survival and reproductive performance in multiparous sows. RSC Advances, 2016, 6, 70715-70722.	1.7	26
92	Alginate oligosaccharide alleviates enterotoxigenicEscherichia coli-induced intestinal mucosal disruption in weaned pigs. Food and Function, 2018, 9, 6401-6413.	2.1	26
93	Dietary Î²-glucan supplementation improves growth performance, carcass traits and meat quality of finishing pigs. Animal Nutrition, 2019, 5, 380-385.	2.1	26
94	Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Epithelium Injury by Co-Regulating the PI3K/Akt and IÎºBÎ±NF-Î²B Signaling. Antioxidants, 2021, 10, 1915.	2.2	26
95	Salt stress response of membrane proteome of sugar beet monosomic addition line M14. Journal of Proteomics, 2015, 127, 18-33.	1.2	25
96	Regulation of fibroblast growth factor 15/19 and 21 on metabolism: in the fed or fasted state. Journal of Translational Medicine, 2016, 14, 63.	1.8	25
97	Tea and Its Components Prevent Cancer: A Review of the Redox-Related Mechanism. International Journal of Molecular Sciences, 2019, 20, 5249.	1.8	25
98	Effect of different dietary protein levels and amino acids supplementation patterns on growth performance, carcass characteristics and nitrogen excretion in growing-finishing pigs. Journal of Animal Science and Biotechnology, 2019, 10, 75.	2.1	25
99	Dietary protein levels and amino acid supplementation patterns alter the composition and functions of colonic microbiota in pigs. Animal Nutrition, 2020, 6, 143-151.	2.1	25
100	Dietary lycopene supplementation improves meat quality, antioxidant capacity and skeletal muscle fiber type transformation in finishing pigs. Animal Nutrition, 2022, 8, 256-264.	2.1	25
101	Postnatal high-fat diet enhances ectopic fat deposition in pigs with intrauterine growth retardation. European Journal of Nutrition, 2017, 56, 483-490.	1.8	24
102	Stimulation of intestinal growth with distal ileal infusion of short-chain fatty acid: a reevaluation in a pig model. RSC Advances, 2017, 7, 30792-30806.	1.7	24
103	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
104	Amniotic fluid metabolomics and biochemistry analysis provides novel insights into the diet-regulated foetal growth in a pig model. Scientific Reports, 2017, 7, 44782.	1.6	23
105	Î²-Defensin 129 Attenuates Bacterial Endotoxin-Induced Inflammation and Intestinal Epithelial Cell Apoptosis. Frontiers in Immunology, 2019, 10, 2333.	2.2	23
106	Effects of dietary resveratrol supplementation on immunity, antioxidative capacity and intestinal barrier function in weaning piglets. Animal Biotechnology, 2021, 32, 240-245.	0.7	23
107	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
108	Effect of dietary amylose/amylopectin ratio on growth performance, carcass traits, and meat quality in finishing pigs. Meat Science, 2015, 108, 55-60.	2.7	22

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109	'Dietary Arginine Supplementation Affects Intestinal Function by Enhancing Antioxidant Capacity of a Nitric Oxideâ€"Independent Pathway in Low-Birth-Weight Piglets. Journal of Nutrition, 2018, 148, 1751-1759.	1.3	22
110	Long-term dietary resveratrol supplementation decreased serum lipids levels, improved intramuscular fat content, and changed the expression of several lipid metabolism-related miRNAs and genes in growing-finishing pigs1. Journal of Animal Science, 2019, 97, 1745-1756.	0.2	22
111	OMICS Technologies and Applications in Sugar Beet. Frontiers in Plant Science, 2016, 7, 900.	1.7	21
112	Dietary pea fiber increases diversity of colonic methanogens of pigs with a shift from Methanobrevibacter to Methanomassiliicoccus-like genus and change in numbers of three hydrogenotrophs. BMC Microbiology, 2017, 17, 17.	1.3	21
113	Manno-oligosaccharide attenuates inflammation and intestinal epithelium injury in weaned pigs upon enterotoxigenic Escherichia coli K88 challenge. British Journal of Nutrition, 2021, 126, 993-1002.	1.2	21
114	Self-Healable Silicone Elastomer Based on the Synergistic Effect of the Coordination and Ionic Bonds. ACS Applied Polymer Materials, 2021, 3, 2667-2677.	2.0	21
115	Lower abundance of Bacteroides and metabolic dysfunction are highly associated with the post-weaning diarrhea in piglets. Science China Life Sciences, 2022, 65, 2062-2075.	2.3	21
116	From Nutrient to MicroRNA: a Novel Insight into Cell Signaling Involved in Skeletal Muscle Development and Disease. International Journal of Biological Sciences, 2016, 12, 1247-1261.	2.6	20
117	MicroRNA-499-5p regulates porcine myofiber specification by controlling Sox6 expression. Animal, 2017, 11, 2268-2274.	1.3	20
118	MicroRNA-139-5p suppresses myosin heavy chain I and IIa expression via inhibition of the calcineurin/NFAT signaling pathway. Biochemical and Biophysical Research Communications, 2018, 500, 930-936.	1.0	20
119	Dietary dihydromyricetin supplementation enhances antioxidant capacity and improves lipid metabolism in finishing pigs. Food and Function, 2021, 12, 6925-6935.	2.1	20
120	Prevotella-rich enterotype may benefit gut health in finishing pigs fed diet with a high amylose-to-amylopectin ratio. Animal Nutrition, 2021, 7, 400-411.	2.1	20
121	Effects of essential oil on growth performance, digestibility, immunity, and intestinal health in broilers. Poultry Science, 2021, 100, 101242.	1.5	20
122	Tannic acid extracted from gallnut prevents post-weaning diarrhea and improves intestinal health of weaned piglets. Animal Nutrition, 2021, 7, 1078-1086.	2.1	20
123	Alginate oligosaccharide protects against enterotoxigenic Escherichia coli-induced porcine intestinal barrier injury. Carbohydrate Polymers, 2021, 270, 118316.	5.1	20
124	Chronic Glucocorticoid Exposure-Induced Epididymal Adiposity Is Associated with Mitochondrial Dysfunction in White Adipose Tissue of Male C57BL/6J Mice. PLoS ONE, 2014, 9, e112628.	1.1	20
125	Effects of Oxidative Stress Induced by Diquat on Arginine Metabolism of Postweaning Pigs. Asian-Australasian Journal of Animal Sciences, 2010, 23, 98-105.	2.4	20
126	Effect of maternal folic acid supplementation on hepatic proteome in newborn piglets. Nutrition, 2013, 29, 230-234.	1.1	19

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127	Birth weight alters the response to postnatal high-fat diet-induced changes in meat quality traits and skeletal muscle proteome of pigs. British Journal of Nutrition, 2014, 111, 1738-1747.	1.2	19
128	Lean and obese pig breeds exhibit differences in prenatal gene expression profiles of muscle development. Animal, 2015, 9, 28-34.	1.3	19
129	Moderately decreased maternal dietary energy intake during pregnancy reduces fetal skeletal muscle mitochondrial biogenesis in the pigs. Genes and Nutrition, 2016, 11, 19.	1.2	19
130	Effects of Dietary Daidzein Supplementation on Reproductive Performance, Serum Hormones, and Reproductive-Related Genes in Rats. Nutrients, 2018, 10, 766.	1.7	19
131	Dietary apple polyphenols supplementation enhances antioxidant capacity and improves lipid metabolism in weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1512-1520.	1.0	19
132	Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress. BioMed Research International, 2021, 2021, 1-11.	0.9	19
133	Thermoplastic Polyurethane Dielectric Elastomers with High Actuated Strain and Good Mechanical Strength by Introducing Ester Group Grafted Polymethylvinylsiloxane. Industrial & Engineering Chemistry Research, 2021, 60, 4883-4891.	1.8	19
134	Expression of a Tandemly Arrayed Plectasin Gene from Pseudoplectania nigrella in Pichia pastoris and its Antimicrobial Activity. Journal of Microbiology and Biotechnology, 2016, 26, 461-468.	0.9	19
135	A high-amylopectin diet caused hepatic steatosis associated with more lipogenic enzymes and increased serum insulin concentration. British Journal of Nutrition, 2011, 106, 1470-1475.	1.2	18
136	Effects of dietary threonine supplementation on immune challenge induced by swinePseudorabieslive vaccine in weaned pigs. Archives of Animal Nutrition, 2014, 68, 1-15.	0.9	18
137	Leucine Protects Against Skeletal Muscle Atrophy in Lipopolysaccharide-Challenged Rats. Journal of Medicinal Food, 2017, 20, 93-101.	0.8	18
138	Modulation of intestine development by fecal microbiota transplantation in suckling pigs. RSC Advances, 2018, 8, 8709-8720.	1.7	18
139	Involvement of <scp>PKA</scp> signalling in antiâ€inflammatory effects of chitosan oligosaccharides in <scp>IPEC</scp>â€J2 porcine epithelial cells. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 252-259.	1.0	18
140	Effects of different levels of dietary hydroxy-analogue of selenomethionine on growth performance, selenium deposition and antioxidant status of weaned piglets. Archives of Animal Nutrition, 2019, 73, 374-383.	0.9	18
141	Design, expression and functional characterization of a thermostable xylanase from Trichoderma reesei. PLoS ONE, 2019, 14, e0210548.	1.1	18
142	Mussel-Inspired Highly Stretchable, Tough Nanocomposite Hydrogel with Self-Healable and Near-Infrared Actuated Performance. Industrial & Engineering Chemistry Research, 2020, 59, 166-174.	1.8	18
143	Infusion of short chain fatty acids in the ileum improves the carcass traits, meat quality and lipid metabolism of growing pigs. Animal Nutrition, 2021, 7, 94-100.	2.1	18
144	Comparison of jejunal digestive enzyme activities, expression of nutrient transporter genes, and apparent fecal digestibility in weaned piglets fed diets with varied sources of fiber. Journal of Animal and Feed Sciences, 2015, 24, 41-47.	0.4	18

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145	Purified Î²-glucans of Different Molecular Weights Enhance Growth Performance of LPS-challenged Piglets via Improved Gut Barrier Function and Microbiota. Animals, 2019, 9, 602.	1.0	17
146	The fungal community and its interaction with the concentration of shortâ€chain fatty acids in the faeces of Chenghua, Yorkshire and Tibetan pigs. Microbial Biotechnology, 2020, 13, 509-521.	2.0	17
147	Effects of dietary inulin supplementation on growth performance, intestinal barrier integrity and microbial populations in weaned pigs. British Journal of Nutrition, 2020, 124, 296-305.	1.2	17
148	Effects of dietary resveratrol supplementation on growth performance and muscle fiber type transformation in weaned piglets. Animal Feed Science and Technology, 2020, 265, 114499.	1.1	17
149	MicroRNA-27a promotes porcine myoblast proliferation by downregulating myostatin expression. Animal, 2014, 8, 1867-1872.	1.3	16
150	Bombyx mori gloverin A2 alleviates enterotoxigenic Escherichia coli-induced inflammation and intestinal mucosa disruption. Antimicrobial Resistance and Infection Control, 2019, 8, 189.	1.5	16
151	Effects of dietary 25-hydroxyvitamin D₃supplementation on growth performance, immune function and antioxidative capacity in weaned piglets. Archives of Animal Nutrition, 2019, 73, 44-51.	0.9	16
152	Arginine promotes porcine type I muscle fibres formation through improvement of mitochondrial biogenesis. British Journal of Nutrition, 2020, 123, 499-507.	1.2	16
153	Exogenous infusion of short-chain fatty acids can improve intestinal functions independently of the gut microbiota. Journal of Animal Science, 2020, 98, .	0.2	16
154	Ameliorative effects of alginate oligosaccharide on tumour necrosis factor-Î±-induced intestinal epithelial cell injury. International Immunopharmacology, 2020, 89, 107084.	1.7	16
155	Effects of dietary ferulic acid supplementation on growth performance and skeletal muscle fiber type conversion in weaned piglets. Journal of the Science of Food and Agriculture, 2021, 101, 5116-5123.	1.7	16
156	Sodium acetate, propionate, and butyrate reduce fat accumulation in mice via modulating appetite and relevant genes. Nutrition, 2021, 87-88, 111198.	1.1	16
157	Trace Mineral Overload Induced Hepatic Oxidative Damage and Apoptosis in Pigs with Long-Term High-Level Dietary Mineral Exposure. Journal of Agricultural and Food Chemistry, 2016, 64, 1841-1849.	2.4	15
158	Moderately increased maternal dietary energy intake delays foetal skeletal muscle differentiation and maturity in pigs. European Journal of Nutrition, 2016, 55, 1777-1787.	1.8	15
159	Multi-Year Mapping of Major Crop Yields in an Irrigation District from High Spatial and Temporal Resolution Vegetation Index. Sensors, 2018, 18, 3787.	2.1	15
160	Dietary 25-Hydroxyvitamin D3 Supplementation Alleviates Porcine Epidemic Diarrhea Virus Infection by Improving Intestinal Structure and Immune Response in Weaned Pigs. Animals, 2019, 9, 627.	1.0	15
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