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	Prebiotic inulin as a treatment of obesity related nonalcoholic fatty liver disease through gut microbiota: a critical review. Critical Reviews in Food Science and Nutrition, 2023, 63, 862-872.	5.4	10
2	Effects of slaughter age on carcass traits and meat quality of crossbred (Durocâ€‰Ã—â€‰Landraceâ€‰Ã—â€‰Yorkshire) finishing pigs. Animal Biotechnology, 2022, 33, 339-345.	0.7	5
3	Procyanidin B2 induces porcine skeletal slow-twitch myofiber gene expression by AMP-activated protein kinase signaling pathway. Animal Biotechnology, 2022, 33, 346-355.	0.7	3
4	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
5	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
6	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
7	Yucca schidigera extract decreases nitrogen emission via improving nutrient utilisation and gut barrier function in weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2022, 106, 1036-1045.	1.0	9
8	Dietary ferulic acid supplementation improves intestinal antioxidant capacity and intestinal barrier function in weaned piglets. Animal Biotechnology, 2022, 33, 356-361.	0.7	3
9	Dietary supplementation of fructo-oligosaccharides alleviates enterotoxigenic E. coli-induced disruption of intestinal epithelium in a weaned piglet model. British Journal of Nutrition, 2022, 128, 1526-1534.	1.2	3
10	All-Trans Retinoic Acid Attenuates Transmissible Gastroenteritis Virus-Induced Inflammation in IPEC-J2 Cells via Suppressing the RLRs/NFâ€ºB Signaling Pathway. Frontiers in Immunology, 2022, 13, 734171.	2.2	12
11	Ellagic acid enhances muscle endurance by affecting the muscle fiber type, mitochondrial biogenesis and function. Food and Function, 2022, 13, 1506-1518.	2.1	7
12	All-Trans Retinoic Acid Attenuates Transmissible Gastroenteritis Virus-Induced Apoptosis in IPEC-J2 Cells via Inhibiting ROS-Mediated P38MAPK Signaling Pathway. Antioxidants, 2022, 11, 345.	2.2	10
13	Dihydromyricetin improves meat quality and promotes skeletal muscle fiber type transformations via AMPK signaling in growingâ€“finishing pigs. Food and Function, 2022, 13, 3649-3659.	2.1	9
14	Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. Frontiers in Veterinary Science, 2022, 9, 806253.	0.9	6
15	Resveratrol regulates muscle fiber type gene expression through AMPK signaling pathway and miR-22-3p in porcine myotubes. Animal Biotechnology, 2022, 33, 579-585.	0.7	3
16	Effect of sialyllactose on growth performance and intestinal epithelium functions in weaned pigs challenged by enterotoxigenic Escherichia Coli. Journal of Animal Science and Biotechnology, 2022, 13, 30.	2.1	14
17	Dihydromyricetin Enhances Intestinal Antioxidant Capacity of Growing-Finishing Pigs by Activating ERK/Nrf2/HO-1 Signaling Pathway. Antioxidants, 2022, 11, 704.	2.2	12
18	Effects of dietary plant essential oil supplementation on growth performance, nutrient digestibility and meat quality in finishing pigs. Journal of Animal Physiology and Animal Nutrition, 2022, 106, 1246-1257.	1.0	2

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19	Effects of dietary lycopene supplementation on intestinal morphology, antioxidant capability and inflammatory response in finishing pigs. Animal Biotechnology, 2022, 33, 563-570.	0.7	10
20	Effect of dietary dihydromyricetin supplementation on lipid metabolism, antioxidant capacity and skeletal muscle fiber type transformation in mice. Animal Biotechnology, 2022, 33, 555-562.	0.7	8
21	Extruded Enzyme-Added Corn Improves the Growth Performance, Intestinal Function, and Microbiome of Weaning Piglets. Animals, 2022, 12, 1002.	1.0	0
22	miRNAs Can Affect Intestinal Epithelial Barrier in Inflammatory Bowel Disease. Frontiers in Immunology, 2022, 13, 868229.	2.2	6
23	Î²-defensin 118 attenuates inflammation and injury of intestinal epithelial cells upon enterotoxigenic Escherichia coli challenge. BMC Veterinary Research, 2022, 18, 142.	0.7	7
24	Effect of Î²-Glucan Supplementation on Growth Performance and Intestinal Epithelium Functions in Weaned Pigs Challenged by Enterotoxigenic Escherichia coli. Antibiotics, 2022, 11, 519.	1.5	12
25	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
26	Developmental Profiling of Dietary Carbohydrate Digestion in Piglets. Frontiers in Microbiology, 2022, 13, 896660.	1.5	5
27	An examination of seed germination and seedling growth of Zostera marina for planting-time selection in Rongcheng Bay, Shandong Peninsula, China. Marine Pollution Bulletin, 2022, 179, 113740.	2.3	2
28	Apple polyphenols improve intestinal barrier function by enhancing antioxidant capacity and suppressing inflammation in weaning piglets. Animal Science Journal, 2022, 93, .	0.6	3
29	Apple Polyphenols Improve Intestinal Antioxidant Capacity and Barrier Function by Activating the Nrf2/Keap1 Signaling Pathway in a Pig Model. Journal of Agricultural and Food Chemistry, 2022, 70, 7576-7585.	2.4	15
30	Effects of High Ambient Temperature on Small Intestinal Morphology and Colonic Microbiota in Weaned Piglets. Animals, 2022, 12, 1743.	1.0	3
31	Effects of dietary dihydromyricetin supplementation on intestinal barrier and humoral immunity in growing-finishing pigs. Animal Biotechnology, 2022, 33, 1398-1406.	0.7	3
32	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
33	miR-22-3p regulates muscle fiber-type conversion through inhibiting AMPK/SIRT1/PGC-1Î± pathway. Animal Biotechnology, 2021, 32, 254-261.	0.7	11
34	Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs. European Journal of Nutrition, 2021, 60, 715-727.	1.8	10
35	Human Î²-Defensin 118 Attenuates Escherichia coli K88â€“Induced Inflammation and Intestinal Injury in Mice. Probiotics and Antimicrobial Proteins, 2021, 13, 586-597.	1.9	12
36	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

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37	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
38	UV Reconfigurable Shape Memory Polyurethane with a High Recovery Ratio under Large Deformation. Industrial & Engineering Chemistry Research, 2021, 60, 2144-2153.	1.8	15
39	Dietary dihydromyricetin supplementation enhances antioxidant capacity and improves lipid metabolism in finishing pigs. Food and Function, 2021, 12, 6925-6935.	2.1	20
40	Tea bioactive components prevent carcinogenesis via antiâ€pathogen, antiâ€inflammation, and cell survival pathways. IUBMB Life, 2021, 73, 328-340.	1.5	11
41	Carbohydrates effects on nutrition and health functions in pigs. Animal Science Journal, 2021, 92, e13557.	0.6	2
42	Wheat bran fermented by mixed fungal strains improves the digestibility of crude fiber and may benefit the gut health without impacting the growth performance in weaned pigs. Food and Function, 2021, 12, 2962-2971.	2.1	3
43	Low-Molecular-Weight Chitosan Attenuates Lipopolysaccharide-Induced Inflammation in IPEC-J2 Cells by Inhibiting the Nuclear Factor-Î²B Signalling Pathway. Molecules, 2021, 26, 569.	1.7	4
44	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
45	The effect of dietary pectic oligosaccharide supplementation on intestinal health of broiler breeders with different egg-laying rates. Poultry Science, 2021, 100, 100938.	1.5	5
46	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
47	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
48	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
49	Effects of dietary Bacillus coagulans and yeast hydrolysate supplementation on growth performance, immune response and intestinal barrier function in weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 898-907.	1.0	15
50	Lentinan administration alleviates diarrhea of rotavirus-infected weaned pigs via regulating intestinal immunity. Journal of Animal Science and Biotechnology, 2021, 12, 43.	2.1	10
51	The Nutritional Significance of Intestinal Fungi: Alteration of Dietary Carbohydrate Composition Triggers Colonic Fungal Community Shifts in a Pig Model. Applied and Environmental Microbiology, 2021, 87, .	1.4	13
52	Fermented Diet Liquid Feeding Improves Growth Performance and Intestinal Function of Pigs. Animals, 2021, 11, 1452.	1.0	6
53	Bioavailability of the <scp>dl</scp>-methionine and the calcium salt of <scp>dl</scp>-methionine hydroxy analog compared with <scp>l</scp>-methionine for nitrogen retention in starter pigs. Journal of Animal Science, 2021, 99, .	0.2	3
54	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

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55	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
56	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
57	Effects of soybean raffinose on growth performance, digestibility, humoral immunity and intestinal morphology of growing pigs. Animal Nutrition, 2021, 7, 393-399.	2.1	7
58	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
59	Effects of Cold Exposure on Performance and Skeletal Muscle Fiber in Weaned Piglets. Animals, 2021, 11, 2148.	1.0	9
60	Functional Characterization of Porcine NK-Lysin: A Novel Immunomodulator That Regulates Intestinal Inflammatory Response. Molecules, 2021, 26, 4242.	1.7	9
61	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
62	Sodium acetate, propionate, and butyrate reduce fat accumulation in mice via modulating appetite and relevant genes. Nutrition, 2021, 87-88, 111198.	1.1	16
63	Lycopene increases the proportion of slow-twitch muscle fiber by AMPK signaling to improve muscle anti-fatigue ability. Journal of Nutritional Biochemistry, 2021, 94, 108750.	1.9	15
64	Low Birth Weight Disturbs the Intestinal Redox Status and Mitochondrial Morphology and Functions in Newborn Piglets. Animals, 2021, 11, 2561.	1.0	3
65	Effects of essential oil on growth performance, digestibility, immunity, and intestinal health in broilers. Poultry Science, 2021, 100, 101242.	1.5	20
66	Supplementing daidzein in diets improves the reproductive performance, endocrine hormones and antioxidant capacity of multiparous sows. Animal Nutrition, 2021, 7, 1052-1060.	2.1	10
67	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
68	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
69	The immunomodulatory function of the porcine Î²-defensin 129: Alleviate inflammatory response induced by LPS in IPEC-J2 cells. International Journal of Biological Macromolecules, 2021, 188, 473-481.	3.6	9
70	Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis. Redox Biology, 2021, 46, 102131.	3.9	106
71	Alginate oligosaccharide protects against enterotoxigenic Escherichia coli-induced porcine intestinal barrier injury. Carbohydrate Polymers, 2021, 270, 118316.	5.1	20
72	Chitosan oligosaccharide attenuates endoplasmic reticulum stress-associated intestinal apoptosis via the Akt/mTOR pathway. Food and Function, 2021, 12, 8647-8658.	2.1	10

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73	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
74	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
75	NF-Î²B-dependent induction of porcine Î²-defensin 114 regulates intestinal epithelium homeostasis. International Journal of Biological Macromolecules, 2021, 192, 241-249.	3.6	7
76	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
77	l-Isoleucine Administration Alleviates DSS-Induced Colitis by Regulating TLR4/MyD88/NF-Î²B Pathway in Rats. Frontiers in Immunology, 2021, 12, 817583.	2.2	14
78	Alteration of Porcine Intestinal Microbiota in Response to Dietary Manno-Oligosaccharide Supplementation. Frontiers in Microbiology, 2021, 12, 811272.	1.5	3
79	Effects of breeds and dietary nutrient levels on expression patterns of paired box genes and myogenic regulatory factors in pigs. Archives of Animal Nutrition, 2021, 75, 474-488.	0.9	0
80	Active or Autoclaved Akkermansia muciniphila Relieves TNF-Î±-Induced Inflammation in Intestinal Epithelial Cells Through Distinct Pathways. Frontiers in Immunology, 2021, 12, 788638.	2.2	8
81	Fermented Alfalfa Meal Instead of â€œGrain-Typeâ€•Feedstuffs in the Diet Improves Intestinal Health Related Indexes in Weaned Pigs. Frontiers in Microbiology, 2021, 12, 797875.	1.5	3
82	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
83	Regulation of skeletal myogenesis by microRNAs. Journal of Cellular Physiology, 2020, 235, 87-104.	2.0	37
84	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
85	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
86	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
87	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
88	Low-molecular-weight chitosan relieves enterotoxigenic Escherichia coli-induced growth retardation in weaned pigs. International Immunopharmacology, 2020, 78, 105798.	1.7	5
89	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
90	Arginine promotes porcine type I muscle fibres formation through improvement of mitochondrial biogenesis. British Journal of Nutrition, 2020, 123, 499-507.	1.2	16

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91	Antibiotic affects the gut microbiota composition and expression of genes related to lipid metabolism and myofiber types in skeletal muscle of piglets. BMC Veterinary Research, 2020, 16, 392.	0.7	14
92	Beet Pulp: An Alternative to Improve the Gut Health of Growing Pigs. Animals, 2020, 10, 1860.	1.0	9
93	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
94	Transcriptome Characterization of Repressed Embryonic Myogenesis Due to Maternal Calorie Restriction. Frontiers in Cell and Developmental Biology, 2020, 8, 527.	1.8	2
95	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
96	Preparation and multiferroicity of a novel two-dimensional material NiH₂SeO₄. Journal of Materials Chemistry C, 2020, 8, 14812-14818.	2.7	5
97	Expression and Functional Characterization of a Novel Antimicrobial Peptide: Human Beta-Defensin 118. BioMed Research International, 2020, 2020, 1-10.	0.9	8
98	Ameliorative effects of alginate oligosaccharide on tumour necrosis factor-Î±-induced intestinal epithelial cell injury. International Immunopharmacology, 2020, 89, 107084.	1.7	16
99	Effects of dietary fibres on gut microbial metabolites and liver lipid metabolism in growing pigs. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1484-1493.	1.0	4
100	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
101	Fructooligosaccharides improve growth performance and intestinal epithelium function in weaned pigs exposed to enterotoxigenicEscherichia coli. Food and Function, 2020, 11, 9599-9612.	2.1	15
102	Nonreciprocal directional dichroism in multiferroics. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	0
103	Daidzein supplementation enhances embryo survival by improving hormones, antioxidant capacity, and metabolic profiles of amniotic fluid in sows. Food and Function, 2020, 11, 10588-10600.	2.1	7
104	Dietary Ferulic Acid Supplementation Improves Antioxidant Capacity and Lipid Metabolism in Weaned Piglets. Nutrients, 2020, 12, 3811.	1.7	30
105	Influences of dietary starch structure on intestinal morphology, barrier functions, and epithelium apoptosis in weaned pigs. Food and Function, 2020, 11, 4446-4455.	2.1	7
106	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
107	Effects of diet chitosan oligosaccharide on performance and immune response of sows and their offspring. Livestock Science, 2020, 239, 104114.	0.6	10
108	Estimating Growing Season Evapotranspiration and Transpiration of Major Crops over a Large Irrigation District from HJ-1A/1B Data Using a Remote Sensing-Based Dual Source Evapotranspiration Model. Remote Sensing, 2020, 12, 865.	1.8	6

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109	Effects of Dietary Starch Structure on Growth Performance, Serum Glucoseâ€“Insulin Response, and Intestinal Health in Weaned Piglets. Animals, 2020, 10, 543.	1.0	12
110	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
111	Grape seed proanthocyanidin extract promotes skeletal muscle fiber type transformation via AMPK signaling pathway. Journal of Nutritional Biochemistry, 2020, 84, 108462.	1.9	30
112	Dietary pectic oligosaccharide supplementation improves rat reproductive performance via regulating intestinal volatile fatty acids during middle gestation. Animal Nutrition, 2020, 6, 210-216.	2.1	8
113	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
114	The fungal community and its interaction with the concentration of shortâ€chain fatty acids in the caecum and colon of weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 616-628.	1.0	9
115	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
116	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
117	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
118	Capsulized faecal microbiota transplantation ameliorates post-weaning diarrhoea by modulating the gut microbiota in piglets. Veterinary Research, 2020, 51, 55.	1.1	27
119	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
120	Mechanisms of Sugar Beet Response to Biotic and Abiotic Stresses. Advances in Experimental Medicine and Biology, 2020, 1241, 167-194.	0.8	10
121	The Optimal Combination of Dietary Starch, Non-Starch Polysaccharides, and Mannan-Oligosaccharide Increases the Growth Performance and Improves Butyrate-Producing Bacteria of Weaned Pigs. Animals, 2020, 10, 1745.	1.0	9
122	Expression, Purification and Characterization of a Novel Antimicrobial Peptide: Gloverin A2 from Bombyx mori. International Journal of Peptide Research and Therapeutics, 2019, 25, 827-833.	0.9	9
123	Changes of porcine gut microbiota in response to dietary chlorogenic acid supplementation. Applied Microbiology and Biotechnology, 2019, 103, 8157-8168.	1.7	47
124	An effect of dietary phloretin supplementation on feed intake in mice. Food and Function, 2019, 10, 5752-5758.	2.1	4
125	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
126	In Situ Exfoliation of Graphite into Graphene Nanosheets in Elastomer Composites Based on Dielsâ€“Alder Reaction during Melt Blending. Industrial & Engineering Chemistry Research, 2019, 58, 13182-13189.	1.8	9

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127	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
128	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
129	Differential expression, molecular cloning, and characterization of porcine beta defensin 114. Journal of Animal Science and Biotechnology, 2019, 10, 60.	2.1	14
130	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
131	Dietary Î²-glucan supplementation improves growth performance, carcass traits and meat quality of finishing pigs. Animal Nutrition, 2019, 5, 380-385.	2.1	26
132	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
133	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
134	Tea and Its Components Prevent Cancer: A Review of the Redox-Related Mechanism. International Journal of Molecular Sciences, 2019, 20, 5249.	1.8	25
135	Effect of Dietary Inulin Supplementation on Growth Performance, Carcass Traits, and Meat Quality in Growingâ€“Finishing Pigs. Animals, 2019, 9, 840.	1.0	10
136	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
137	Betaâ€glucan from Agrobacterium sp. ZX09 improves growth performance and intestinal function in weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1818-1827.	1.0	8
138	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
139	Effects of Dietary Aged Maize with Oxidized Fish Oil on Growth Performance, Antioxidant Capacity and Intestinal Health in Weaned Piglets. Animals, 2019, 9, 624.	1.0	11
140	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
141	Î²-Defensin 129 Attenuates Bacterial Endotoxin-Induced Inflammation and Intestinal Epithelial Cell Apoptosis. Frontiers in Immunology, 2019, 10, 2333.	2.2	23
142	Simultaneously improved dielectric and mechanical properties of silicone elastomer by designing a dual crosslinking network. Polymer Chemistry, 2019, 10, 633-645.	1.9	51
143	Mapping daily evapotranspiration over a large irrigation district from MODIS data using a novel hybrid dual-source coupling model. Agricultural and Forest Meteorology, 2019, 276-277, 107612.	1.9	9
144	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

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145	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
146	Improvement of growth performance and parameters of intestinal function in liquid fed early weanling pigs1. Journal of Animal Science, 2019, 97, 2725-2738.	0.2	8
147	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
148	Lentinan administration relieves gut barrier dysfunction induced by rotavirus in a weaned piglet model. Food and Function, 2019, 10, 2094-2101.	2.1	30
149	Effects of dietary amylose and amylopectin ratio on growth performance, meat quality, postmortem glycolysis and muscle fibre type transformation of finishing pigs. Archives of Animal Nutrition, 2019, 73, 194-207.	0.9	10
150	Benzoic Acid Used as Food and Feed Additives Can Regulate Gut Functions. BioMed Research International, 2019, 2019, 1-6.	0.9	48
151	Gastric infusion of short-chain fatty acids can improve intestinal barrier function in weaned piglets. Genes and Nutrition, 2019, 14, 4.	1.2	74
152	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
153	Effects of Dietary Apple Polyphenols Supplementation on Hepatic Fat Deposition and Antioxidant Capacity in Finishing Pigs. Animals, 2019, 9, 937.	1.0	12
154	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
155	Manipulation of Intestinal Antiviral Innate Immunity and Immune Evasion Strategies of Porcine Epidemic Diarrhea Virus. BioMed Research International, 2019, 2019, 1-9.	0.9	12
156	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
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