Yulong Yin

List of Publications by Year in descending order

418 papers	17,717 citations	19636 61 h-index	24961 109 g-index
422 all docs	422 docs citations	422 times ranked	18930 citing authors

#	Article	IF	Citations
1	The microbiotaâ€“gutâ€“brain axis: A novel nutritional therapeutic target for growth retardation. Critical Reviews in Food Science and Nutrition, 2022, 62, 4867-4892.	5.4	12
2	Advanced single-cell pooled CRISPR screening identifies C19orf53 required for cell proliferation based on mTORC1 regulators. Cell Biology and Toxicology, 2022, 38, 43-68.	2.4	6
3	Serine Supplementation in the Diets of Late Gestating and Lactating Sows Improves Selenium Nutritional Status in Sows and Their Offspring. Biological Trace Element Research, 2022, 200, 609-614.	1.9	8
4	Comparisons of carcass traits, meat quality, and serum metabolome between Shaziling and Yorkshire pigs. Animal Nutrition, 2022, 8, 125-134.	2.1	23
5	N-Acetyl-D-glucosamine improves the intestinal development and nutrient absorption of weaned piglets via regulating the activity of intestinal stem cells. Animal Nutrition, 2022, 8, 10-17.	2.1	7
6	Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile. Environmental Pollution, 2022, 293, 118572.	3.7	24
7	Longâ€read assembly of the Chinese indigenous Ningxiang pig genome and identification of genetic variations in fat metabolism among different breeds. Molecular Ecology Resources, 2022, 22, 1508-1520.	2.2	9
8	Changes in progenitors and differentiated epithelial cells of neonatal piglets. Animal Nutrition, 2022, 8, 265-276.	2.1	7
9	MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagyâ€dependent mechanism. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 677-695.	2.9	12
10	Balanced branchedâ€chain amino acids modulate meat quality by adjusting muscle fiber type conversion and intramuscular fat deposition in finishing pigs. Journal of the Science of Food and Agriculture, 2022, 102, 3796-3807.	1.7	16
11	Correlations of gestational hemoglobin level, placental trace elements content, and reproductive performances in pregnant sows. Journal of Animal Science, 2022, 100, .	0.2	2
12	Dietary Beta-Hydroxy-Beta-Methyl Butyrate Supplementation Inhibits Hepatic Fat Deposition via Regulating Gut Microbiota in Broiler Chickens. Microorganisms, 2022, 10, 169.	1.6	8
13	Maternal iron supplementation during pregnancy affects placental function and iron status in offspring. Journal of Trace Elements in Medicine and Biology, 2022, 71, 126950.	1.5	3
14	Melatonergic signalling instructs transcriptional inhibition of IFNGR2 to lessen interleukinâ€1Î²â€dependent inflammation. Clinical and Translational Medicine, 2022, 12, e716.	1.7	14
15	A review of the amino acid metabolism in placental function response to fetal loss and low birth weight in pigs. Journal of Animal Science and Biotechnology, 2022, 13, 28.	2.1	13
16	Effects of Dietary Chlorogenic Acid Supplementation Derived from Lonicera macranthoides Hand-Mazz on Growth Performance, Free Amino Acid Profile, and Muscle Protein Synthesis in a Finishing Pig Model. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-14.	1.9	4
17	Chinaâ€™s low-emission pathways toward climate-neutral livestock production for animal-derived foods. Innovation(China), 2022, 3, 100220.	5.2	15
18	Synthetic biology-driven customization of functional feed resources. Trends in Biotechnology, 2022, 40, 777-780.	4.9	2

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19	Ferrous Bisglycinate Supplementation Modulates Intestinal Antioxidant Capacity via the AMPK/FOXO Pathway and Reconstitutes Gut Microbiota and Bile Acid Profiles in Pigs. Journal of Agricultural and Food Chemistry, 2022, 70, 4942-4951.	2.4	8
20	Camellia (Camellia oleifera bel.) seed oil reprograms gut microbiota and alleviates lipid accumulation in high fat-fed mice through the mTOR pathway. Food and Function, 2022, 13, 4977-4992.	2.1	14
21	Potential nutritional healthy-aging strategy: enhanced protein metabolism by balancing branched-chain amino acids in a finishing pig model. Food and Function, 2022, 13, 6217-6232.	2.1	2
22	Effect of riboflavin on intestinal development and intestinal epithelial cell function of weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2022, , .	1.0	4
23	Understanding the Immune System in Fetal Protection and Maternal Infections during Pregnancy. Journal of Immunology Research, 2022, 2022, 1-12.	0.9	6
24	Intestinal accumulation of microbiota-produced succinate caused by loss of microRNAs leads to diarrhea in weanling piglets. Gut Microbes, 2022, 14, .	4.3	21
25	Effects of different concentrations of coated nano zinc oxide material on fecal bacterial composition and intestinal barrier in weaned piglets. Journal of the Science of Food and Agriculture, 2021, 101, 735-745.	1.7	15
26	An electrochemical impedimetric sensing platform based on a peptide aptamer identified by high-throughput molecular docking for sensitive l-arginine detection. Bioelectrochemistry, 2021, 137, 107634.	2.4	31
27	Mulberry leaf powder regulates antioxidative capacity and lipid metabolism in finishing pigs. Animal Nutrition, 2021, 7, 421-429.	2.1	29
28	Effects of circadian iron administration on iron bioavailability and biological rhythm in pigs. Journal of the Science of Food and Agriculture, 2021, 101, 2712-2717.	1.7	5
29	Postnatal growth retardation is associated with deteriorated intestinal mucosal barrier function using a porcine model. Journal of Cellular Physiology, 2021, 236, 2631-2648.	2.0	8
30	A maternal high-fat/low-fiber diet impairs glucose tolerance and induces the formation of glycolytic muscle fibers in neonatal offspring. European Journal of Nutrition, 2021, 60, 2709-2718.	1.8	11
31	Effect of COVID-19 on animal breeding development in China and its countermeasures. Animal Frontiers, 2021, 11, 39-42.	0.8	4
32	Effects of dietary iron level on growth performance, hematological status, and intestinal function in growing-finishing pigs. Journal of Animal Science, 2021, 99, .	0.2	5
33	The Landscape of Interactions between Hypoxia-Inducible Factors and Reactive Oxygen Species in the Gastrointestinal Tract. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-9.	1.9	5
34	Effect of dietary folate level on organ weight, digesta pH, short-chain fatty acid concentration, and intestinal microbiota of weaned piglets. Journal of Animal Science, 2021, 99, .	0.2	15
35	Effects of dietary supplementation of nucleotides from late gestation to lactation on the performance and oxidative stress status of sows and their offspring. Animal Nutrition, 2021, 7, 111-118.	2.1	19
36	Effects of varying dietary folic acid during weaning stress of piglets. Animal Nutrition, 2021, 7, 101-110.	2.1	6

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37	Yeast-based nucleotide supplementation in mother sows modifies the intestinal barrier function and immune response of neonatal pigs. Animal Nutrition, 2021, 7, 84-93.	2.1	20
38	Butyrate in Energy Metabolism: There Is Still More to Learn. Trends in Endocrinology and Metabolism, 2021, 32, 159-169.	3.1	136
39	D-Galactose Induces Chronic Oxidative Stress and Alters Gut Microbiota in Weaned Piglets. Frontiers in Physiology, 2021, 12, 634283.	1.3	22
40	Dietary Beta-Hydroxy Beta-Methyl Butyrate Supplementation Alleviates Liver Injury in Lipopolysaccharide-Challenged Piglets. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-9.	1.9	3
41	Metabolomic analysis of the egg yolk during the embryonic development of broilers. Poultry Science, 2021, 100, 101014.	1.5	16
42	GABA transporter sustains IL-1Î² production in macrophages. Science Advances, 2021, 7, .	4.7	44
43	Dietary Supplementation With Chlorogenic Acid Derived From Lonicera macranthoides Hand-Mazz Improves Meat Quality and Muscle Fiber Characteristics of Finishing Pigs via Enhancement of Antioxidant Capacity. Frontiers in Physiology, 2021, 12, 650084.	1.3	13
44	YTHDF1 promotes NLRP3 translation to induce intestinal epithelial cell inflammatory injury during endotoxic shock. Science China Life Sciences, 2021, 64, 1988-1991.	2.3	16
45	Effects of Amaranthus hypochondriacus supplementation during gestation and lactation on the apparent total tract digestibility of nutrients, lactational feed intake, and litter performance in sows. Veterinary Medicine and Science, 2021, 7, 1860-1866.	0.6	2
46	Fullerene C60 Protects Against Intestinal Injury from Deoxynivalenol Toxicity by Improving Antioxidant Capacity. Life, 2021, 11, 491.	1.1	6
47	Maternal Probiotic or Synbiotic Supplementation Modulates Jejunal and Colonic Antioxidant Capacity, Mitochondrial Function, and Microbial Abundance in Bama Mini-piglets. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	9
48	Taurine Reprograms Mammary-Gland Metabolism and Alleviates Inflammation Induced by Streptococcus uberis in Mice. Frontiers in Immunology, 2021, 12, 696101.	2.2	19
49	Placental Angiogenesis in Mammals: A Review of the Regulatory Effects of Signaling Pathways and Functional Nutrients. Advances in Nutrition, 2021, 12, 2415-2434.	2.9	35
50	Dietary Moutan Cortex Radicis Improves Serum Antioxidant Capacity and Intestinal Immunity and Alters Colonic Microbiota in Weaned Piglets. Frontiers in Nutrition, 2021, 8, 679129.	1.6	10
51	Different Proportions of Branched-Chain Amino Acids Modulate Lipid Metabolism in a Finishing Pig Model. Journal of Agricultural and Food Chemistry, 2021, 69, 7037-7048.	2.4	28
52	Effect of Dietary Amylose/Amylopectin Ratio on Intestinal Health and Cecal Microbesâ€™ Profiles of Weaned Pigs Undergoing Feed Transition or Challenged With Escherichia coli Lipopolysaccharide. Frontiers in Microbiology, 2021, 12, 693839.	1.5	6
53	Dynamic Changes of Metabolite Profiles in Maternal Biofluids During Gestation Period in Huanjiang Mini-Pigs. Frontiers in Veterinary Science, 2021, 8, 636943.	0.9	4
54	Starch supplementation improves the reproductive performance of sows in different glucose tolerance status. Animal Nutrition, 2021, 7, 1231-1241.	2.1	10

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55	Dietary Copper Improves Intestinal Morphology via Modulating Intestinal Stem Cell Activity in Pigs. Animals, 2021, 11, 2513.	1.0	6
56	Dietary Tributyrin Administration Improves Intestinal Morphology and Selected Bacterial and Short-Chain Fatty Acid Profiles in Broilers Under an Isocaloric Feeding Regime. Frontiers in Microbiology, 2021, 12, 715712.	1.5	8
57	Nuclear Magnetic Resonance-Based Metabolomic Analysis Reveals Physiological Stage, Breed, and Diet Effects on the Intramuscular Metabolism of Amino Acids and Related Nutrients in Pigs. Frontiers in Veterinary Science, 2021, 8, 681192.	0.9	3
58	Nox2 impairs VEGF-A-induced angiogenesis in placenta via mitochondrial ROS-STAT3 pathway. Redox Biology, 2021, 45, 102051.	3.9	44
59	Effects of iron, vitamin A, and the interaction between the two nutrients on intestinal development and cell differentiation in piglets. Journal of Animal Science, 2021, 99, .	0.2	3
60	Dietary high protein-induced diarrhea and intestinal inflammation by activation of NF-Î¹B signaling in piglets. Animal Nutrition, 2021, 7, 1070-1077.	2.1	7
61	The Role of Oxidative Stress and Antioxidant Balance in Pregnancy. Mediators of Inflammation, 2021, 2021, 1-11.	1.4	78
62	Resveratrol Improves Growth Performance, Intestinal Morphology, and Microbiota Composition and Metabolism in Mice. Frontiers in Microbiology, 2021, 12, 726878.	1.5	20
63	Plant Extracts in Obesity: A Role of Gut Microbiota. Frontiers in Nutrition, 2021, 8, 727951.	1.6	12
64	The Role of Polyphenols in Regulation of Heat Shock Proteins and Gut Microbiota in Weaning Stress. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	1.9	6
65	Probiotics and Achyranthes bidentata Polysaccharides Improve Growth Performance via Promoting Intestinal Nutrient Utilization and Enhancing Immune Function of Weaned Pigs. Animals, 2021, 11, 2617.	1.0	7
66	Effect of dietary histamine on intestinal morphology, inflammatory status, and gut microbiota in yellow catfish (Pelteobagrus fulvidraco). Fish and Shellfish Immunology, 2021, 117, 95-103.	1.6	17
67	A water-soluble Î²-glucan improves growth performance by altering gut microbiome and health in weaned pigs. Animal Nutrition, 2021, 7, 1345-1351.	2.1	9
68	Effects and interaction of dietary electrolyte balance and citric acid on growth performance, intestinal histomorphology, digestive enzyme activity and nutrient transporters expression of weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 272-285.	1.0	9
69	Dietary Enteromorpha Polysaccharide Enhances Intestinal Immune Response, Integrity, and Caecal Microbial Activity of Broiler Chickens. Frontiers in Nutrition, 2021, 8, 783819.	1.6	23
70	Paternal Zn-deficiency abolishes metabolic effects in offspring induced by diet type. Animal Nutrition, 2021, 8, 310-320.	2.1	1
71	Effects of Different Supplemental Levels of Eucommia ulmoides Leaf Extract in the Diet on Carcass Traits and Lipid Metabolism in Growingâ€“Finishing Pigs. Frontiers in Veterinary Science, 2021, 8, 828165.	0.9	5
72	Effects of Different Dietary Protein Levels on the Growth Performance, Serum Biochemical Parameters, Fecal Nitrogen, and Carcass Traits of Huanjiang Mini-Pigs. Frontiers in Veterinary Science, 2021, 8, 777671.	0.9	3

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73	Glutamate and aspartate alleviate testicular/epididymal oxidative stress by supporting antioxidant enzymes and immune defense systems in boars. Science China Life Sciences, 2020, 63, 116-124.	2.3	31
74	Effects of dietary alpha-ketoglutarate on bacteria profiles in the faeces of lactating sows and their suckling piglets. Archives of Animal Nutrition, 2020, 74, 39-56.	0.9	3
75	Comparison of Oral and Parenteral Iron Administration on Iron Homeostasis, Oxidative and Immune Status in Anemic Neonatal Pigs. Biological Trace Element Research, 2020, 195, 117-124.	1.9	18
76	Oxidative stress, nutritional antioxidants and beyond. Science China Life Sciences, 2020, 63, 866-874.	2.3	80
77	Epidermal growth factor improves intestinal morphology by stimulating proliferation and differentiation of enterocytes and mTOR signaling pathway in weaning piglets. Science China Life Sciences, 2020, 63, 259-268.	2.3	17
78	Eucommia ulmoides flavones (EUF) abrogated enterocyte damage induced by LPS involved in NF-ÎºB signaling pathway. Toxicology in Vitro, 2020, 62, 104674.	1.1	11
79	Flavonoids and type 2 diabetes: Evidence of efficacy in clinical and animal studies and delivery strategies to enhance their therapeutic efficacy. Pharmacological Research, 2020, 152, 104629.	3.1	112
80	Sulfur-containing amino acid supplementation to gilts from late pregnancy to lactation altered offspringâ€™s intestinal microbiota and plasma metabolites. Applied Microbiology and Biotechnology, 2020, 104, 1227-1242.	1.7	27
81	Postnatal growth retardation is associated with intestinal mucosa mitochondrial dysfunction and aberrant energy status in piglets. Journal of Cellular and Molecular Medicine, 2020, 24, 10100-10111.	1.6	9
82	Effects of iron on intestinal development and epithelial maturation of suckling piglets. Journal of Animal Science, 2020, 98, .	0.2	9
83	Functional probiotics of lactic acid bacteria from Hu sheep milk. BMC Microbiology, 2020, 20, 228.	1.3	44
84	Melatonin Alleviates Neuroinflammation and Metabolic Disorder in DSS-Induced Depression Rats. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-17.	1.9	56
85	Effects of Iron Deficiency on Serum Metabolome, Hepatic Histology, and Function in Neonatal Piglets. Animals, 2020, 10, 1353.	1.0	13
86	Maternal serine supply from late pregnancy to lactation improves offspring performance through modulation of metabolic pathways. Food and Function, 2020, 11, 8089-8098.	2.1	8
87	Effects of Combined Supplementation of Conjugated Linoleic Acid, Methionine Chromium, Betaine, and Cysteamine on Meat Tenderness of Rats. BioMed Research International, 2020, 2020, 1-10.	0.9	2
88	Intrauterine growth restriction alters growth performance, plasma hormones, and small intestinal microbial communities in growing-finishing pigs. Journal of Animal Science and Biotechnology, 2020, 11, 86.	2.1	24
89	Dietary Insect Powder Protein Sources Improve Protein Utilization by Regulation on Intestinal Amino Acid-Chemosensing System. Animals, 2020, 10, 1590.	1.0	8
90	Effects of dietary gamma-aminobutyric acid supplementation on amino acid profile, intestinal immunity, and microbiota in ETEC-challenged piglets. Food and Function, 2020, 11, 9067-9074.	2.1	12

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91	Impact of Gallic Acid on Gut Health: Focus on the Gut Microbiome, Immune Response, and Mechanisms of Action. Frontiers in Immunology, 2020, 11, 580208.	2.2	74
92	Role of Dietary Amino Acids and Nutrient Sensing System in Pregnancy Associated Disorders. Frontiers in Pharmacology, 2020, 11, 586979.	1.6	20
93	Effects of Paper Mulberry (Broussonetia papyrifera) Leaf Extract on Growth Performance and Fecal Microflora of Weaned Piglets. BioMed Research International, 2020, 2020, 1-12.	0.9	21
94	Eucommia ulmoides Flavones as Potential Alternatives to Antibiotic Growth Promoters in a Low-Protein Diet Improve Growth Performance and Intestinal Health in Weaning Piglets. Animals, 2020, 10, 1998.	1.0	11
95	Leucine Supplementation: A Novel Strategy for Modulating Lipid Metabolism and Energy Homeostasis. Nutrients, 2020, 12, 1299.	1.7	38
96	Effects of dose and duration of dietary copper administration on hepatic lipid peroxidation and ultrastructure alteration in pigletsâ€™ model. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126561.	1.5	12
97	Using rice as a remediating plant to deplete bioavailable arsenic from paddy soils. Environment International, 2020, 141, 105799.	4.8	26
98	Chloroquine Improves Deoxynivalenol-Induced Inflammatory Response and Intestinal Mucosal Damage in Piglets. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	12
99	Effects of different maternal feeding strategies from day 1 to day 85 of gestation on glucose tolerance and muscle development in both low and normal birth weight piglets. Journal of the Science of Food and Agriculture, 2020, 100, 5403-5411.	1.7	2
100	Protein Level and Infantile Diarrhea in a Postweaning Piglet Model. Mediators of Inflammation, 2020, 2020, 1-15.	1.4	13
101	Protective effects of taurine against muscle damage induced by diquat in 35â€‰days weaned piglets. Journal of Animal Science and Biotechnology, 2020, 11, 56.	2.1	16
102	Placentae for Low Birth Weight Piglets Are Vulnerable to Oxidative Stress, Mitochondrial Dysfunction, and Impaired Angiogenesis. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-12.	1.9	29
103	Effects of GABA Supplementation on Intestinal SIgA Secretion and Gut Microbiota in the Healthy and ETEC-Infected Weanling Piglets. Mediators of Inflammation, 2020, 2020, 1-17.	1.4	13
104	Chloroquine Downregulation of Intestinal Autophagy to Alleviate Biological Stress in Early-Weaned Piglets. Animals, 2020, 10, 290.	1.0	14
105	Effects of stocking density on growth performance, blood parameters and immunity of growing pigs. Animal Nutrition, 2020, 6, 529-534.	2.1	4
106	Dietary glutamine, glutamate, and aspartate supplementation improves hepatic lipid metabolism in post-weaning piglets. Animal Nutrition, 2020, 6, 124-129.	2.1	13
107	Functional bioactive substance improves the growth performance, antioxidant capacity and immune function of growth retardation pigs. Food and Agricultural Immunology, 2020, 31, 329-340.	0.7	5
108	Changes in cecal morphology, cell proliferation, antioxidant enzyme, volatile fatty acids, lipopolysaccharide, and cytokines in piglets during the postweaning period. Journal of Animal Science, 2020, 98, .	0.2	10

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109	Effects of Stearic Acid on Proliferation, Differentiation, Apoptosis, and Autophagy in Porcine Intestinal Epithelial Cells. Current Molecular Medicine, 2020, 20, 157-166.	0.6	3
110	Dietary vitamin A affects growth performance, intestinal development, and functions in weaned piglets by affecting intestinal stem cells. Journal of Animal Science, 2020, 98, .	0.2	31
111	Effects of vitamin B6 on the growth performance, intestinal morphology, and gene expression in weaned piglets that are fed a low-protein diet1. Journal of Animal Science, 2020, 98, .	0.2	20
112	Gut microbiota and blood metabolomics in weaning multiparous sows: Associations with oestrous. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1155-1168.	1.0	16
113	The relationship between villous height and growth performance, small intestinal mucosal enzymes activities and nutrient transporters expression in weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 606-615.	1.0	24
114	Effects and interaction of dietary electrolyte balance and citric acid on the intestinal function of weaned piglets. Journal of Animal Science, 2020, 98, .	0.2	12
115	Dynamic changes in circulating levels of metabolites in the portalâ€drained viscera of finishing pigs receiving acute administration of l â€arginine. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1424-1431.	1.0	0
116	Antioxidant and Anti-Inflammatory Effects of Different Zinc Sources on Diquat-Induced Oxidant Stress in a Piglet Model. BioMed Research International, 2020, 2020, 1-10.	0.9	12
117	Impacts of Amino Acids on the Intestinal Defensive System. Advances in Experimental Medicine and Biology, 2020, 1265, 133-151.	0.8	16
118	The Effects of Butyric Acid on the Differentiation, Proliferation, Apoptosis, and Autophagy of IPEC-J2 Cells. Current Molecular Medicine, 2020, 20, 307-317.	0.6	10
119	Responses of Intestinal Microbiota and Immunity to Increasing Dietary Levels of Iron Using a Piglet Model. Frontiers in Cell and Developmental Biology, 2020, 8, 603392.	1.8	13
120	The Associated Regulatory Mechanisms of Zinc Lactate in Redox Balance and Mitochondrial Function of Intestinal Porcine Epithelial Cells. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	5
121	The Effects of Lauric Acid on IPEC-J2 Cell Differentiation, Proliferation, and Death. Current Molecular Medicine, 2020, 20, 572-581.	0.6	1
122	Dynamic oral administration of uridine affects the diurnal rhythm of bile acid and cholesterol metabolism-related genes in mice. Biological Rhythm Research, 2019, 50, 543-552.	0.4	7
123	Compensation effects of coated cysteamine on meat quality, amino acid composition, fatty acid composition, mineral content in dorsal muscle and serum biochemical indices in finishing pigs offered reduced trace minerals diet. Science China Life Sciences, 2019, 62, 1550-1553.	2.3	9
124	Protective effect of chicken egg yolk immunoglobulins (IgY) against enterotoxigenic Escherichia coli K88 adhesion in weaned piglets. BMC Veterinary Research, 2019, 15, 234.	0.7	23
125	Simultaneous detection of aflatoxin B1, ochratoxin A, zearalenone and deoxynivalenol in corn and wheat using surface plasmon resonance. Food Chemistry, 2019, 300, 125176.	4.2	98
126	Cecropin A Alleviates Inflammation Through Modulating the Gut Microbiota of C57BL/6 Mice With DSS-Induced IBD. Frontiers in Microbiology, 2019, 10, 1595.	1.5	79

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127	Extraction of DNA from complex biological sample matrices using guanidinium ionic liquid modified magnetic nanocomposites. RSC Advances, 2019, 9, 23119-23128.	1.7	17
128	The production of short chain fatty acid and colonic development in weaning piglets. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1530-1537.	1.0	17
129	The time of Calcium Feeding Affects the Productive Performance of Sows. Animals, 2019, 9, 337.	1.0	13
130	The effects of dietary supplementation with porous zinc oxide on growth performance, intestinal microbiota, morphology, and permeability in weaned piglets. Animal Science Journal, 2019, 90, 1220-1228.	0.6	16
131	Maternal Diet-Induced Obesity Compromises Oxidative Stress Status and Angiogenesis in the Porcine Placenta by Upregulating Nox2 Expression. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	1.9	38
132	Dietary mulberry leaf powder affects growth performance, carcass traits and meat quality in finishing pigs. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1934-1945.	1.0	29
133	Effects of vitamin B6 on growth, diarrhea rate, intestinal morphology, function, and inflammatory factors expression in a high-protein diet fed to weaned piglets1. Journal of Animal Science, 2019, 97, 4865-4874.	0.2	30
134	Paper-Based Microfluidic Device (DON-Chip) for Rapid and Low-Cost Deoxynivalenol Quantification in Food, Feed, and Feed Ingredients. ACS Sensors, 2019, 4, 3072-3079.	4.0	36
135	Impact of sulfur-containing amino acids on the plasma metabolomics and intestinal microflora of the sow in late pregnancy. Food and Function, 2019, 10, 5910-5921.	2.1	5
136	Dietary Supplementation With Leucine or in Combination With Arginine Decreases Body Fat Weight and Alters Gut Microbiota Composition in Finishing Pigs. Frontiers in Microbiology, 2019, 10, 1767.	1.5	25
137	Dietary supplementation with fermented Mao-tai lees beneficially affects gut microbiota structure and function in pigs. AMB Express, 2019, 9, 26.	1.4	21
138	Effects of maternal alpha-ketoglutarate supplementation during lactation on the performance of lactating sows and suckling piglets. Archives of Animal Nutrition, 2019, 73, 457-471.	0.9	6
139	Arsenic removal from flooded paddy soil with spontaneous hygrophyte markedly attenuates rice grain arsenic. Environment International, 2019, 133, 105159.	4.8	17
140	Dietary energy sources during late gestation and lactation of sows: effects on performance, glucolipid metabolism, oxidative status of sows, and their offspring1. Journal of Animal Science, 2019, 97, 4608-4618.	0.2	20
141	Influence of supplemented coated-cysteamine on morphology, apoptosis and oxidative stress status of gastrointestinal tract. BMC Veterinary Research, 2019, 15, 328.	0.7	9
142	Post-natal Growth Retardation Associated With Impaired Gut Hormone Profiles, Immune and Antioxidant Function in Pigs. Frontiers in Endocrinology, 2019, 10, 660.	1.5	10
143	Effects of dietary gamma-aminobutyric acid supplementation on the intestinal functions in weaning piglets. Food and Function, 2019, 10, 366-378.	2.1	42
144	Glutamate effects on sucking piglet intestinal morphology and luminal metabolites. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 612-617.	1.0	5

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145	Effects of dietary supplementation with epidermal growth factor on nutrient digestibility, intestinal development and expression of nutrient transporters in earlyâ€weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 618-625.	1.0	21
146	Dietary microRNAâ€"A Novel Functional Component of Food. Advances in Nutrition, 2019, 10, 711-721.	2.9	38
147	Small intestinal transcriptome analysis revealed changes of genes involved in nutrition metabolism and immune responses in growth retardation piglets1. Journal of Animal Science, 2019, 97, 3795-3808.	0.2	16
148	Uridine/UMP metabolism and their function on the gut in segregated early weaned piglets. Food and Function, 2019, 10, 4081-4089.	2.1	21
149	Gut microbiota mediates the protective effects of dietary Î²â€hydroxyâ€Î²â€methylbutyrate (HMB) against obesity induced by highâ€fat diets. FASEB Journal, 2019, 33, 10019-10033.	0.2	55
150	Molecular characterization and taurine regulation of two novel CDOs (CDO1 and CDO2) from Carassius auratus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 235, 54-61.	0.7	7
151	Highly sensitive determination of L-tyrosine in pig serum based on ultrathin CuS nanosheets composite electrode. Biosensors and Bioelectronics, 2019, 140, 111356.	5.3	32
152	Effect of chicken egg yolk immunoglobulins on serum biochemical profiles and intestinal bacterial populations in earlyâ€weaned piglets. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1503-1511.	1.0	8
153	Unraveling the association of fecal microbiota and oxidative stress with stillbirth rate of sows. Theriogenology, 2019, 136, 131-137.	0.9	41
154	Macleaya cordata extract alleviated oxidative stress and altered innate immune response in mice challenged with enterotoxigenic Escherichia coli. Science China Life Sciences, 2019, 62, 1019-1027.	2.3	44
155	Identification of microRNA transcriptome reveals that miR-100 is involved in the renewal of porcine intestinal epithelial cells. Science China Life Sciences, 2019, 62, 816-828.	2.3	13
156	Tryptophan Supplementation Increases Reproduction Performance, Milk Yield, and Milk Composition in Lactating Sows and Growth Performance of Their Piglets. Journal of Agricultural and Food Chemistry, 2019, 67, 5096-5104.	2.4	22
157	Effects of Enterococcus faecalis on egg production, egg quality and caecal microbiota of hens during the late laying period. Archives of Animal Nutrition, 2019, 73, 208-221.	0.9	27
158	Leucine alone or in combination with glutamic acid, but not with arginine, increases biceps femoris muscle and alters muscle AA transport and concentrations in fattening pigs. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 791-800.	1.0	10
159	Single-Stranded DNA-Binding Protein and Exogenous RecBCD Inhibitors Enhance Phage-Derived Homologous Recombination in Pseudomonas. IScience, 2019, 14, 1-14.	1.9	43
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